13th Annual Academic Surgical Congress

MEETING PROGRAM

January 30 - February 1, 2018

Hyatt Regency Jacksonville Riverfront
Jacksonville, Florida

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Association for Academic Surgery (AAS)
11300 W. Olympic Blvd., Suite 600
Los Angeles, CA 90064
Phone: (310) 437-1606
Fax: (310) 437-0585
www.aasurg.org

Society of University Surgeons (SUS)
11300 W. Olympic Blvd., Suite 600
Los Angeles, CA 90064
Phone: (310) 986-6442
Fax: (310) 437-0585
www.susweb.org
### ASC 2018 INSTITUTIONAL MEMBERS

**Platinum Members**
- Stanford University*
- University of California Los Angeles*
- University of California San Diego
- University of Michigan*
- University of Vermont
- University of Wisconsin*

**Gold Members**
- University of Pittsburgh Medical Center*

**Silver Members**
- Beth Israel Deaconess Medical Center
- Duke University
- Johns Hopkins*
- Medical College of Wisconsin*
- Northwestern University, Feinberg College of Medicine*
- Penn State College of Medicine/Penn State Hershey Medical Center
- Rutgers New Jersey Medical School, Department of Surgery
- University of Arizona College of Medicine
- University of Cincinnati
- University of Southern California, Department of Surgery and Children’s Hospital
- University of Texas MD Anderson Cancer Center
- University of Texas Medical Branch
- Vanderbilt University Medical Center

**Bronze Members**
- Baylor College of Medicine*
- Brigham and Women’s Hospital
- Massachusetts General Hospital*
- University of California Davis
- University of Colorado School of Medicine
- University of Texas, McGovern School of Medicine
- Virginia Tech Carilion Department of Surgery

*Founding Institutional Member

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### EDUCATIONAL OBJECTIVES

After participating in this educational activity, attendees will be able to:

1. Identify important research and clinical advancements relating to topics within academic surgery, including oncology, trauma, critical care, pediatrics, vascular, cardiothoracic, gastroenterology, transplant, education, emerging technologies, global surgery, clinical trials, outcomes, and health services research.

2. Develop an understanding of current issues in the advancement of the art and science of surgery.

3. Improve treatment strategies for surgical patients.

4. Discuss the latest basic science, translational, and health services research and the expected impact of these breakthroughs in future patient care.

5. Review the newest technologies that facilitate improved outcomes in surgical patients.

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### ASC 2018 EXHIBITORS

- Acelity
- Designs for Vision, Inc.
- Innovative Connections
- International Society of Surgery, U.S. Chapter
- JOMI LLC
- Karl Storz Endoscopy-America, Inc.
- Lifebox Foundation
- Pharmatechnology LLC
- Sanofi
- Shire
- SurgiReal Products, Inc.
- TouchSurgery
GENERAL INFORMATION

EVENT NAME
13th Annual Academic Surgical Congress

DATE
January 30 - February 1, 2018

LOCATION
Hyatt Regency Jacksonville Riverfront
225 East Coastline Drive
Jacksonville, Florida 32202

CONTACT
Association for Academic Surgery (AAS)
11300 West Olympic Blvd, Suite 600
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www.susweb.org

The Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS) are managed by BSC Management.

BSC Management
11300 West Olympic Blvd, Suite 600
Los Angeles, CA 90064
Phone: (310) 437-0555
www.bscmanage.com

ON-SITE REGISTRATION HOURS
Location: Grand Ballroom Foyer
Monday, January 29, 2018  2:00 PM - 6:00 PM
Tuesday, January 30, 2018  6:30 AM - 6:30 PM
Wednesday, January 31, 2018  6:30 AM - 6:00 PM
Thursday, February 1, 2018  7:00 AM - 3:00 PM

SPEAKER READY ROOM HOURS
Location: Orlando Room
All presentations must be loaded onto the show computer. All presenters should arrive to the Speaker Ready Room preferably TWENTY FOUR HOURS PRIOR to the start of their session. A technician will be available onsite at the Hyatt Regency to assist you with your presentation to load it onto the show computer.

Monday, January 29, 2018  2:00 PM - 9:00 PM
Tuesday, January 30, 2018  5:30 AM - 6:30 PM
Wednesday, January 31, 2018  5:30 AM - 6:00 PM
Thursday, February 1, 2018  5:30 AM - 3:00 PM

EXHIBIT HOURS
Location: Grand Ballroom Foyer
Visit the ASC Exhibit Area for your opportunity to update yourself in the latest surgical services and products. The Exhibits offer you the very best in equipment and services, plus the innovative tools for boosting your surgical knowledge.

Tuesday, January 30, 2018
9:30 am - 4:00 pm  Exhibit Area Open
9:30 am - 10:00 am  Morning Break in Exhibit Area
3:30 pm - 4:00 pm  Afternoon Break in Exhibit Area
4:00 pm - 6:30 pm  Exhibits Closed – Break for Exhibitors
6:30 pm - 7:30 pm  Welcome Reception in the Exhibit Area

Wednesday, January 31, 2018
9:30 am - 4:30 pm  Exhibit Area Open
9:30 am - 10:00 am  Morning Break in Exhibit Area
2:30 pm - 3:00 pm  Afternoon Break in Exhibit Area

Thursday, February 1, 2018
9:30 am - 1:30 pm  Exhibit Area Open
9:30 am - 10:00 am  Morning Break in Exhibit Area
1:30 pm  Exhibits Close

DISCLOSURE PROCEDURE
It is the policy of the Academic Surgical Congress (ASC) and PESI, Inc., in accordance with the Accreditation Council for Continuing Medical Education (ACCME), to ensure balance, independence, objectivity and scientific rigor in all CME activities. Anyone engaged in content development, planning or presentation must disclose all relevant financial relationships with a commercial interest producing health care goods or services; and who also has the opportunity to affect the content of CME about the products or services of that commercial interest. All presenters are also required to disclose any usage of investigational use or off-label products. Disclosure information will be provided to participants prior to the meeting in the final program.

ADA STATEMENT
In accordance with the ADA, the Academic Surgical Congress will accommodate requests for special needs made in advance of the meeting.

The programs and talks presented at the 13th Annual Academic Surgical Congress are copyrighted products of the Academic Surgical Congress. Any reproduction or rebroadcasting without the express written consent of ASC is strictly prohibited.
FLOORPLAN

2nd Floor

PARKING GARAGE
(ACCESS TO GARAGE THROUGH 2ND FLOOR)

3rd Floor

CITY TERRACE ROOMS
CITY TERRACE FOYER
RIVER TERRACE FOYER
RIVER TERRACE 1
RIVER TERRACE 2
RIVER TERRACE 3
CONFERENCE CENTER A
3RD FLOOR SKY BRIDGE
ORLANDO SPEAKER READY
DAYTONA
BOARDROOMS
ST JOHNS CLEARWATER
4TH FLOOR SKY BRIDGE
GUEST ROOMS

4th Floor

Mathews, Hart & Acosta Rooms. Please take elevator to 4th floor.
MESSAGE FROM THE PRESIDENTS

Dear Guest,

On behalf of the Executive Councils of the Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS), we are delighted to invite you to Jacksonville, Florida for the 13th Annual Academic Surgical Congress (ASC).

Over the past 13 years, the ASC has become the premier gathering place for surgeon-scientists offering unparalleled opportunities for scientific exchange and networking with peers. Each year, the ASC registration has grown and the program has become more diverse, with programming in basic science, education, health policy, outcomes research, global health, leadership, and many other topics relevant to academic surgery.

This year’s program, led by Rebekah R. White, MD of the SUS and Eugene S. Kim, MD of the AAS, promises to be the most diverse, vibrant, and exciting yet! This year the AAS Founders lecture will be presented by Layton F. Rikkers, MD and the SUS Joel J. Roslyn lecture by Herbert J. Zeh III, MD. We also invite you to attend each of the AAS and SUS Presidential Sessions and Addresses, which will discuss broad topics of critical relevance to the discipline today. Finally, and perhaps most importantly, we hope that you will develop new friendships and collaborations, and that these new relationships will enhance your goals of performing the highest quality research and improving patient care.

The combination of cutting-edge science, dynamic speakers, and rich mentoring programs for students, residents and junior faculty will provide a week full of learning and numerous opportunities to connect with colleagues!

Enjoy Jacksonville!

AAS PRESIDENT
Rebecca S. Sippel, MD
Associate Professor and Chief,
Division of Endocrine Surgery
University of Wisconsin School of Medicine and Public Health

SUS PRESIDENT
Taylor S. Riall, MD, PhD
Acting Chair, Department of Surgery
Chief, Division of General Surgery/Surgical Oncology
Professor, Surgery
The University of Arizona
CME Worksheet

CME Worksheet for Academic Surgical Congress 2018 Meeting: This is not your CME credit form. Please use the worksheet below to track the number of CME hours you attend for each activity. The link to the evaluation and CME credit claim system will be available online at academicsurgicalcongress.org. Certificates may be printed and re-printed through the CME system website.

<table>
<thead>
<tr>
<th>Tuesday, January 30, 2018</th>
<th>Session Time</th>
<th>Credits Available</th>
<th>Hours Attended</th>
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<tbody>
<tr>
<td>Integrated Quick Shot Session I (Sessions 1-18)</td>
<td>7:30AM - 9:30AM</td>
<td>2</td>
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<tr>
<td>SUS Presidential Address: “Enjoy the Journey”</td>
<td>10:45AM - 11:30AM</td>
<td>0.75</td>
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<tr>
<td>Hot Topic Session 1: “#SoMe 2.0 – Building an Academic Career in the World of Social Media”</td>
<td>11:30AM - 1:00PM</td>
<td>1.5</td>
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<tr>
<td>Ethics Committee Session: “Intraoperative Dilemmas in Resident Education”</td>
<td>11:30AM - 1:00PM</td>
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<tr>
<td>Social &amp; Legislative Issues Committee Session: “Building Diversity and Equity in Academic Surgery: Current State &amp; Strategies for Improvement”</td>
<td>11:30AM - 1:00PM</td>
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<tr>
<td>SUS Presidential Session: “Maintaining the Fire: Physician Wellbeing through Resilience, Intentional Culture”</td>
<td>1:00PM - 2:30PM</td>
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<tr>
<td>SUS Joel J. Roslyn Lecture: “Attacking Pancreatic Cancer: Leveraging the Academic Surgeon’s Tools”</td>
<td>2:30PM - 3:00PM</td>
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<tr>
<td>BJS Lecture: “Precision Surgery for Metastatic Colorectal Cancer”</td>
<td>3:00PM - 3:30PM</td>
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<tr>
<td>Basic Science Plenary</td>
<td>4:00PM - 5:30PM</td>
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<tr>
<td>Clinical/Health Services Research Committee Session: “Selecting the Appropriate Data Source for the Question: A Review of the Most Commonly Used National Databases”</td>
<td>4:00PM - 5:30PM</td>
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<tr>
<td><strong>Total Credits Available:</strong></td>
<td><strong>8.25</strong></td>
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<th>Wednesday, January 31, 2018</th>
<th>Session Time</th>
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<tr>
<td>Integrated Oral Presentation Sessions I (Sessions 22-39)</td>
<td>7:30AM - 9:30AM</td>
<td>2</td>
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<tr>
<td>AAS Founder’s Lecture: “Surgical Leadership - Lessons Learned”</td>
<td>9:45AM - 10:45AM</td>
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<tr>
<td>AAS Presidential Address: “Re-defining Success in Academic Surgery”</td>
<td>10:45AM - 11:30AM</td>
<td>0.75</td>
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<tr>
<td>Education Committee Session: “Applying the Science of Organizational Psychology to Enhance Culture as a Surgical Leader”</td>
<td>11:30AM - 1:00PM</td>
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<tr>
<td>AWS Luncheon: “Graceful Self-Promotion”</td>
<td>11:30AM - 1:00PM</td>
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<tr>
<td>Elsevier Luncheon: “How to Get Your Paper Accepted: Tips From the Editors of Surgery and Journal of Surgical Research”</td>
<td>11:30AM - 1:00PM</td>
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<tr>
<td>AAS Presidential Session: “Identify Your Passion and Find Purpose in Your Career”</td>
<td>1:00PM - 2:30PM</td>
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<tr>
<td>Integrated Quick Shot Presentations Session II (Session 40 - 57)</td>
<td>2:30PM - 4:30PM</td>
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<td><strong>Total Credits Available:</strong></td>
<td><strong>8.75</strong></td>
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<th>Thursday, February 1, 2018</th>
<th>Session Time</th>
<th>Credits Available</th>
<th>Hours Attended</th>
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<tr>
<td>Integrated Oral Presentation Sessions II (Sessions 58-75)</td>
<td>7:30AM - 9:30AM</td>
<td>2</td>
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<tr>
<td>Education Plenary</td>
<td>9:30AM - 10:30AM</td>
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<tr>
<td>Clinical/Outcomes Plenary</td>
<td>10:30AM - 12:00PM</td>
<td>1.5</td>
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<tr>
<td>Basic Science Session: “So You Want to be a Surgeon-Scientist: How to Succeed in Today’s Environment”</td>
<td>10:30AM - 12:00PM</td>
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<tr>
<td>Hot Topic Session 2: “Integrated Residencies and Early Specialization Programs: A Threat to General Surgery Training or Innovative Approaches to Surgical Education?”</td>
<td>12:00PM - 1:30PM</td>
<td>1.5</td>
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<tr>
<td>Hot Topic Session 3: “Making Research Feasible for Busy Surgeons Through Infrastructure Support: Pros, Cons, and Lessons Learned the Hard Way”</td>
<td>12:00PM - 1:30PM</td>
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<tr>
<td>Integrated Quick Shot Sessions III (Sessions 78 - 95)</td>
<td>1:30PM - 3:30PM</td>
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<tr>
<td><strong>Total Credits Available:</strong></td>
<td><strong>8</strong></td>
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<td></td>
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<tr>
<td><strong>Total Meeting Credits Available:</strong></td>
<td><strong>25</strong></td>
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**CME ACCREDITATION**

This activity was planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of PESI, Inc. and the Academic Surgical Congress (ASC). PESI, Inc. is accredited by the ACCME to provide continuing medical education for physicians.

The PESI, Inc. designates this live activity for a maximum of 25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**International CME:** International Physicians are formally eligible for AMA PRA Category 1 Credit™.

**Physician Assistants:** AAPA accepts Category 1 credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ for the PRA from organizations accredited by ACCME.
A. Identifying Conflicts of Interest

The ASC Conflict of Interest Committee has implemented the following process towards identifying potential conflicts of interest.

1. Members of both AAS and SUS Committees involved in the planning of the Academic Surgical Congress, including the Core Group, must provide a financial disclosure. These disclosures are sent to the committee in advance of each committee meeting/conference call. Attendees are reminded about the disclosure policy at each committee meeting, and any committee member with a conflict is asked to recuse him or herself from the discussion of any relevant CME activities.

2. Invited faculty for the Academic Surgical Congress must provide their financial disclosures upon invitation to serve as faculty. This information is forwarded to the Conflict of Interest Committee, who then determines whether or not a potential conflict exists.

3. For abstract submissions for the scientific session, all content authors must provide disclosures upon abstract submission. Abstracts are peer reviewed in a blinded fashion by multiple reviewers and are selected for presentation based on scientific merit. All disclosures which indicate a potential conflict are provided to the Conflict of Interest Committee for review. No content author may be an employee of a commercial interest.

4. All speakers at the Academic Surgical Congress must display a list of financial disclosures on the first slide of their presentation and disclosures are printed in the final program materials.

B. Managing Potential Conflicts of Interest

The ASC Conflict of Interest Committee has implemented several mechanisms to manage conflicts of interest prior to an educational activity.

1. Recusal, such as the committee member recusing him or herself from discussion of CME activities, and/or oversight by the Committee Chair.

2. The ASC Conflict of Interest Committee reviews all invited faculty and abstract author disclosures, and their respective proposed course outlines/faculty lists and abstracts. The disclosure form requires faculty/authors to provide management suggestions if there is a relationship with a commercial entity. If there is a potential conflict cited, this information is forwarded to the ASC Conflict of Interest Committee, who is responsible for determining whether or not a conflict exists and if so, how to manage this conflict.

3. If a conflict is determined, then a notice is sent via email to the faculty member/author from the ASC Program Chairs, requiring them to adhere to the management technique. Management techniques include providing an explanation of the potential conflict, changes to the presentation, recusing him or herself from the presentation, and/or submitting the presentation in advance of the ASC for peer review.

4. During the session, the Session Moderators will be notified which faculty were reviewed for potential conflict and are asked to observe the presentations and make note of commercial bias. If any is perceived, this is immediately reported to the ASC staff and the Moderator should also take steps to clarify this during the actual session by asking the faculty member/presenter to provide an explanation.

5. All ASC attendees are asked to make note of perceived commercial bias in the immediate post activity evaluations. The ASC Conflict of Interest Committee will investigate substantive concerns.
MEET THE PRESIDENTS

AAS PRESIDENT

Rebecca S. Sippel, MD

Rebecca Sippel, M.D., FACS is an Associate Professor of Surgery and Chief of the Division of Endocrine Surgery at the University of Wisconsin. Dr. Sippel completed her Endocrine Surgery fellowship at the University of California- San Francisco in 2007. She has a robust clinical practice and is a nationally recognized leader in the field of endocrine surgery. She is currently serving as Secretary of the American Association of Endocrine Surgeons and as the program director for the Endocrine Surgery Fellowship at the University of Wisconsin. She has a highly productive clinical research program focusing on the diagnosis and management of patients with endocrine disorders and the outcomes of patients after surgery. She is currently PI on an R01 funded randomized controlled trial examining the utility of prophylactic central neck dissection for patients with clinically node negative thyroid cancer. This is a patient centered clinical trial specifically looking at the impact of surgery on patient reported quality of life and long-term function. She has been actively involved in the leadership of the AAS for the past 10 years and is proud to be currently serving as the President of the Association of Academic Surgery.

SUS PRESIDENT

Taylor S. Riall, MD, PhD

Taylor S. Riall, MD, PhD, FACS, is Professor and Acting Chair of the Department of Surgery at the University of Arizona, College of Medicine – Tucson. She joined the faculty after 10 years at the University of Texas Medical Branch in Galveston, TX. Her clinical expertise is in general and pancreaticobiliary surgery, including pancreatic and periampullary cancer, acute and chronic pancreatitis, gallstone disease, gastrointestinal cancer, and general surgery. She has extensive expertise in comparative effectiveness and health services research. Her research has focused on the quality of cancer care and the care of surgical patients. Dr. Riall has been instrumental in developing and implementing critical pathways to streamline care, improve outcomes, and decrease cost of patients undergoing pancreatic, gallbladder, and colorectal surgery. Dr. Riall is also an executive leadership coach, trained at the Institute for Professional Excellence in Coaching. She applies her leadership training as a developmental tool to help surgeons and residents reach their full potential by raising self-awareness, developing emotional intelligence, clarify their goals, identifying and addressing personal challenges, and consciously improve and integrate the many facets of their lives.
Herbert J. Zeh III, MD

Herbert J. Zeh III, MD, is Chief of the Division of Gastrointestinal (GI) Surgical Oncology at UPMC Cancer Center, Associate Director of UPMC Hillman Cancer Center, Senior Director of UPMC Surgical Services and Watson Family Professor of Surgery. Dr. Zeh specializes in cancers and diseases of the stomach, liver, pancreas, and duodenum, and practices state-of-the-art robotic technology.

Board-certified in surgery, Dr. Zeh received a medical degree from the University of Pittsburgh School of Medicine. He completed post-graduate training in advanced GI surgery and surgical oncology at The Johns Hopkins Hospital in Baltimore, where he served as senior and chief resident, as well as the Society of Surgical Oncology fellow. Dr. Zeh served as a surgical oncology medical staff fellow at the National Cancer Institute - Surgery Branch in Bethesda, MD.

Dr. Zeh is a member of several professional organizations, including the American Surgical Association (ASA), Society of Surgical Oncology (SSO), American Society of Clinical Oncology (ASCO), the Society of University Surgeons (SUS), and the Pancreas Club. Dr. Zeh had authored over 110 peer reviewed articles and book chapters. He directs a translational research laboratory examining Damage Associated Molecular Pattern molecules (DAMP) in the setting of pancreatic cancer. In addition, Dr. Zeh is principle investigator on several Phase I and II clinical trials in pancreatic cancer. Dr. Zeh, together with his team at UPMC, has accumulated one of the world’s largest experiences with robotic assisted pancreatic resections.

Joel J. Roslyn, MD, Chairman of the Department of Surgery at the Allegheny College of Medicine in Philadelphia, died on July 4, 1999. Joel was born in Flushing, New York. He received his undergraduate degree from Union College, and received his M.D. from Albany Medical College. He completed his Surgical Internship, Residency, and a Research Fellowship at the University of California/Los Angeles. He then joined the faculty at UCLA where he received national recognition for his research, teaching and clinical expertise. Joel was an established researcher in the field of gallstone pathogenesis, and a nationally and internationally respected expert in pancreatic and biliary disease. He had been funded continuously for his research by the Veterans Administration and the National Institutes of Health.

In 1992, Joel and his family moved to Philadelphia where he became Chairman of the Department of Surgery at the Medical College of Philadelphia, and after the merger with Hahnemann School of Medicine, he became the surgical leader of the new Allegheny University of the Health Sciences. During this short period in Philadelphia, Joel had built an outstanding faculty, attracting a number of excellent senior staff, and most importantly in his eyes, recruiting and nurturing the careers of several outstanding young surgeons.

Joel was a valued active member of the Society of University Surgeons. He and his research fellows had a long track record of presentations before the Society. He served as a Councillor-At-Large for three years and President of the Society for the year 1995. Joel was a friend to all of us in the Society and left us with his great faith in humanity.

For those who knew Joel, his memory will live on forever. However, in recognition of his leadership, his contribution and his friendship, the SUS has chosen to provide a lasting memory of Joel. Joel will be recognized at each SUS Meeting by the provision of an annual Invited Commentary, reserved for a superannuating member, named in honor of Joel.
Layton F. Rikkers, MD

After serving as chair of surgery at the University of Nebraska for 12 years, Dr. Rikkers was the A.R. Curreri Professor of Surgery and Chairman at the University of Wisconsin from 1996 - 2008. He is presently emeritus professor at Wisconsin. He was the Editor-in-Chief of the Annals of Surgery from 1997 to 2011. He has been on the Editorial Boards of 10 journals. He was Editor-in-Chief of Surgery News 2011-2016. He has served as president of 7 surgical societies including the American Surgical Association. He served as first vice-president of the American College of Surgeons. He has over 200 publications in the fields of portal hypertension, hepatobiliary surgery, pancreatic surgery, education, and leadership. He developed and was the director of the ACS course on leadership 2003-2012. He has been a visiting professor to over 80 institutions.

Past AAS Founders Lecturers

1991 Paul Vanhoutte, MD, PhD
1992 Isaiah J. Fidler, DVM, PhD
1993 Dani Bolognesi, PhD
1994 Howard Rasmussen, MD
1995 Francis Collins, MD
1996 M. Judah Folkman, MD
1997 James C. Thompson, MD
1998 Mary Claire King, MD
1999 Ferid Murad, MD, PhD
2000 Michael S. Brown, MD
2001 Thomas E. Starzl, MD, PhD
2002 John A. Mannick, MD
2003 W. James Nelson, PhD
2004 Michael E. DeBakey, MD
2006 Louis J. Ignarro, MD
2007 John Cameron, MD
2008 Richard Gibbs, PhD
2009 John E. Niederhuber, MD
2010 Lucian L. Leape, MD
2011 David H. Berger, MD
2012 Norman M. Rich, MD
2013 Thomas J. Fogarty, MD
2014 E. Patchen Dellinger, MD, FIDSA, FSHEA
2015 Carlos A Pellegrini, MD, FRCSI (Hon.)
2016 John Birkmeyer, MD
2017 Panel featuring Herbert Chen, MD, Lillian S. Kao, MD, MS, Hiram C. Polk, MD, David I. Soybel, MD and Michael J. Zinner, MD
SUS LIFETIME ACHIEVEMENT AWARD

Courtney M. Townsend, Jr., MD

Dr. Courtney M. Townsend, Jr., President of the American College of Surgeons 2016-2017, has received awards and honors which include Research Career Development Award, NIH, 1982; Ashbel Smith Distinguished Alumnus, 1986, UTMB; James IV Surgical Traveller for 1986; President, American Pancreatic Association, 1992-1993; ACGME Residency Review Committee for Surgery, 1994-1999; James IV Association of Surgeons, Inc., Board of Directors, 1999-2002; Texas Cancer Council Member, 1992-2010; Director, American Board of Surgery, 2000-2006; Chairman, American Board of Surgery, 2006-2007; American College of Surgeons Board of Governors Executive Committee, 1999-2003; Chairman, American College of Surgeons Board of Governors, 2004-2005; Secretary, American College of Surgeons, 2006-2013; Secretary, Southern Surgical Association, 1998-2003; President, Southern Surgical Association, 2004; President, American Surgical Association, 2007-2008; Chair, American Surgical Association Foundation, 2013-2014.

Dr. Townsend was John Woods Harris Distinguished Chairman, June 1995-October 2014, and is currently Professor and Robertson-Poth Distinguished Chair in General Surgery in the Department of Surgery at the University of Texas Medical Branch in Galveston.

Dr. Townsend is Editor-in-Chief of the *Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice*, for the 16th, 17th, 18th, 19th and 20th editions. He is on the Editorial Advisory Board for *The American Journal of Surgery* and Deputy Editor for the *Journal of the American College of Surgeons*.

Starting in 2005, the Society of University Surgeons initiated a Lifetime Achievement Award (LTAA). This award was designed to recognize individuals who have had a sustained career in academic surgery with contributions to the surgical sciences. In addition, these individuals have demonstrated a commitment to the Society of University Surgeons whereby they have participated in the Society even after superannuating to Senior Membership status. Their participation in the Society is evidenced by their attendance at the meetings yearly and active participation in discussion of papers, attendance at banquets and society functions.

The Society of University Surgeons seeks to honor and recognize these individuals because of their embodiment of the principles of the Society. We seek to recognize these individuals to establish role models for younger generations of surgeons to honor and emulate their contributions to the science of surgery, and moreover to the Society of University Surgeons.

**SUS LIFETIME ACHIEVEMENT AWARD WINNERS**

2017 Courtney M. Townsend, Jr., MD
2016 Ronald W. Busuttil, MD, MS, PhD
2015 Ernest E. “Gene” Moore, MD
2014 Marshall J. Orloff, MD
2013 Hiram C. Polk, Jr., MD
2012 Alden Harken, MD
2011 Patricia K. Donahoe, MD
2010 Benjamin Eiseman, MD
2009 Richard L. Simmons, MD
2008 Clyde F. Barker, MD
2007 Frank G. Moody, MD
2006 Basil A. Pruitt, Jr., MD
2005 James C. Thompson, MD
2004 John A. Mannick, MD
Royal Australasian College of Surgeons Visiting Professor:
Jonathan Karpelowsky
Associate Professor Jonathan Karpelowsky is a paediatric surgeon at the University of Sydney and Children’s Hospital Westmead, Sydney Australia. He initially undertook his training in Cape Town. He remained on as a senior specialist at the Red Cross Children’s hospital during which time he completed his PhD. In 2010 he migrated to Australia. Assoc. Prof. Karpelowsky has over 60 publications in peer reviewed journals and major paediatric surgical text books. He is active in clinical and basic science research in the areas of paediatric oncology, thoracic conditions of childhood and clinical trials in paediatric surgery. He leads a basic science research group looking at liquid biopsies in paediatric cancer. He also has a number of collaborations with biomedical engineering looking at augmented intraoperative reality. He is the current chairperson of the Board of Paediatric Surgery, which oversees paediatric surgery training in Australia and New Zealand, and is the Chairperson of the Australian and New Zealand Association of Paediatric Surgery scientific sub-committee.

Taiwan Surgical Association Visiting Professor:
Wen-Ming Hsu, MD, PhD
Prof. Wen-Ming Hsu, MD, PhD is Director of the Division of Pediatric Surgery at National Taiwan University Hospital, Taipei, Taiwan. He is also a Professor of Surgery at the National Taiwan University College of Medicine, and the Chairman of the Council of Medical Education for the Department of Surgery, National Taiwan University Hospital. Prof. Hsu graduated from Department of Medicine, National Taiwan University, Taipei, Taiwan in 1990 and completed his residency training and fellowship of Pediatric Surgery at National Taiwan University Hospital in 1997. He has also been a Research Fellow in Department of Pediatric Surgery and Center for Regenerative Medicine, Massachusetts General Hospital, Boston, MA. He is specialized in General Pediatric Surgery and Pediatric Surgical Oncology. Prof. Hsu has published more than 100 original research articles on various biological and clinical aspects of neuroblastoma and other childhood diseases. His longstanding research interests have been the tumor behavior and novel treatment concepts of neuroblastoma, the most common extracranial solid tumor in children. With colleagues in Taiwan, Japan, Hong Kong, Singapore, and Australia, he helped to initiate the Asia-Pacific Symposium of Neuroblastoma, a biennial scientific conference solely dedicated to regional physicians and scientists interested in neuroblastoma research.

Colombian Surgical Association Visiting Professor:
Alejandro Múnera Duque, MD
General Surgeon and Associate Professor of the faculty of medicine of the Universidad de Antioquia, Medellin, Colombia; Former chairman of the general surgery section of the same university from 2006 to 2011; Former chairman of the team of general surgeons and director of teaching and research of the León XIII Clinic, Medellin, Colombia. Surgical practice in trauma, bariatric and laparoscopic surgery; Book editor Manual of Norms and Procedures in Trauma and Acute Abdomen of the Universidad de Antioquia publishing house; Current a Fellow in Surgical Oncology at the Instituto Nacional de Cancerologia / Universidad Militar Nueva Granada. Bogota, Colombia; Current secretary of the Asociación Colombiana de Cirugía; MBA in hospital management at the CES University; Former chairman of the Guild Union of Surgeons of Colombia.

Surgical Research Society of Australasia: RACS Surgical Research Society – Young Investigator’s Award:
Joseph Kong, MD, PhD
Dr. Joseph Kong is currently a Colorectal Surgical Society of Australia and New Zealand trainee. He has a keen interest in translational research, and recently completed his PhD candidature in colorectal cancer immunology and therapeutics.

West African College of Surgeons International Visiting Professor:
Serigne Gueye, MD FWACS
Professor of Urology, Dr. Serigne Gueye is Director IFRU-SF (www.ifrusf.org) a non-profit organization dedicated to building capacity and developing research in Urology throughout Africa. He is former Fulbright Scholar, University of Pennsylvania School of Medicine, Philadelphia, PA, USA. Dr. Gueye is an active clinician, trainer and researcher. Co-founder of the Men of African Descent and Carcinoma of the Prostate Consortium (MADCAP) he is PI and CO-PI in many research projects. Dr. Gueye is Past-President of African Organization of Research and Training in Cancer (AORTIC) and the Pan African Urological Surgeons Association (PAUSA). President-Elect of WACS, he serves on numerous national and international advisory boards. He is Director of the SIU-accredited Dakar Center offering fellowship training in General urology, endourology, uro-oncology and reconstructive and female urology of residents from Africa and the rest of the World. For his work, Dr. Gueye has been awarded many national and international medals in Senegal, France, Chad, Rwanda including the United Nations’ Medal for Peace in Rwanda.
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**European Society for Surgical Research (ESSR Board Member):**

Lisa Rancan, DVM

Having received the DVM degree from the Università degli Studi di Milano (Italy) in 2010, Lisa Rancan’s research career began as a predoctoral researcher in the Department of Biochemistry and Molecular Biology of the School of Medicine of the Complutense University of Madrid.

Her research focused on the modulation of the inflammatory response secondary to the pulmonary ischemia - reperfusion injury observed after lung resection surgeries and lung transplants. Since October 2015, she has collaborated as an Associate Professor with the Department of Physiology of the School of Medicine of the Complutense University of Madrid and her main interest is to investigate the inflammatory response related to transplant surgeries as well as in other types of surgeries. Her research is carried out both in humans and in animal models and is reflected in the publication of 15 articles published in indexed journals, 90% in Q1, and in the presentation of more than 50 communications to international congresses.

**Brendel Prize Winner:**

Wolfgang Jungraithmayr, MD, PhD

Wolfgang Jungraithmayr, MD, PhD received his medical training in Germany and the United States. After completing his medical thesis, he obtained the General Surgery Board as well as the Thoracic Surgery Board, followed by a PhD in Immunology.

As of June 1, 2017, Dr. Jungraithmayr was appointed Head of the Department of Thoracic Surgery and Full Professor at the Brandenburg Medical School, Germany. His main clinical activity lies in minimal invasive thoracic surgery for lung cancer and thymic neoplasia, his research interests focus on tumor and transplant immunology. He invented for the first time the mouse model of lung transplantation for new therapeutic strategies against transplant rejection.

Besides his professional life, he regularly gives violin and piano recitals and concerts. The idea that music has a therapeutic effect in several diseases was featured by the most recent annual congress for the European Society of Surgical Research in Amsterdam and he personally would like to actively support new research focus in medicine.

**Royal Australasian College of Surgeons (RACS-SRS):**

James Lee, MBBS, FRACS, PhD

Dr. James Lee is an academic endocrine surgeon at The Alfred and Monash Health in Melbourne, Australia. His research interest is in the tissue and circulating molecular markers discovery in thyroid cancer. Dr. Lee received the Doctor of Philosophy from the University of Sydney for his thesis on the miRNA biomarkers of papillary thyroid cancer. He is a current holder of the Royal Australasian College of Surgeons (RACS) Foundation for Surgery Senior Lecturer Fellowship. His current research is also funded by the Epworth Research Institute Development Grant.

Dr. Lee is passionate about research training for the next generation of surgeons. He is the founder and director of the RACS-accredited, Monash University course “An Introduction to Surgical Research”. With this course, he hopes to provide medical student, residents and surgical trainees the foundation skills needed to kick start their research endeavors. Dr. Lee has been a regular delegate at the ASC, and is honored to be the SUS guest, representing the RACS Section of Academic Surgery this year.
SOCIETY OF UNIVERSITY SURGEONS
INTERNATIONAL GUESTS

Surgical Research Society of Southern Africa (SRS of SA Chair):

Esmé le Grange
Esmé le Grange is a Pediatric Surgeon at the University of the Free State in Bloemfontein, South Africa, after training in Red Cross War Memorial Children’s Hospital in Cape Town. Her special field of interest is Neonatal Surgery and current field of research is on esophageal atresia.
Dr. le Grange is the newly elected Chair of the Surgical Research Society of Southern Africa. Her vision for the Society is to strengthen the ties with sister societies in the USA, UK and Europe, but also to truly extend the Society into Southern Africa: The next annual meeting of the Society will be in M’thatha, the capital of the previous Transkei, birthplace of Nelson Mandela.

Sceales-Antrobus Prize Representative:

Tanya N. Augustine, PhD
Tanya Augustine, PhD, was employed as an Associate Lecturer in 2007, in the School of Anatomical Sciences, University of the Witwatersrand, South Africa, during which time she completed her MSc. (by dissertation). Following her promotion to Lecturer in 2010, she completed her PhD in 2014 investigating the heterotypic interaction between breast cancer and the immune system in a 3D model, with funding from the Carnegie Corporation. As a research active academic she has supervised numerous Honors projects over the years, and has seen two MSc.Med students to completion. She is currently a holder of a National Research Foundation grant supervising, together with collaborators, multiple PhD candidates focusing on issues of thrombosis and immunoregulation in breast cancer.
As a full time academic, Dr. Augustine’s activities are balanced out by her teaching which includes primarily cell biology and histology at both undergraduate and postgraduate level. She has contributed extensively to the administration of courses, and holds active seats on University committees including the Senate, and is currently the Acting Chair of the Academic Freedom Committee. Her external contributions to the academic environment include examining for the College of Medicine, manuscript review for ISI recognized journals, grant application review for the National Research Foundation and Program Accreditation for the Council on Higher Education.
For her work in breast cancer, Dr. Augustine has previously been awarded the Sceales-Antrobus prize (2014), the Bert Myburgh prize (2015) and the Sceales-Antrobus prize (2017) by the Surgical Research Society of Southern Africa.

Society of Academic and Research Surgery (SARS Programme Chair):

Frank CT Smith, BSc, MSc, MD, FRCS, FEBVS, FHEA
Frank Smith is Professor of Vascular Surgery and Surgical Education at the University of Bristol, UK. He has interests in education, training and safety in Surgery. He trained in the West Midlands, Edinburgh and the South West of England in Vascular Surgery, undertaking Peter Clifford and Royal College of Surgeons of Edinburgh Travelling Fellowships to Boston, Denver, Los Angeles and Seattle.
He has been Honorary Secretary, and Scientific Program Director for SARS in the UK. He is, or has been a Council Member of the Association of Surgeons of Great Britain & Ireland; The Vascular Society of Great Britain & Ireland; The Venous Forum; and President of the Section of Surgery at the Royal Society of Medicine. He is currently Program Director of the National Confidential Reporting System for Surgery (CORESS); Lead for National Trainee Selection for Vascular Surgery in the UK; and Chair of the Intercollegiate Board of Basic Surgical Examinations (MRCS), the primary surgical qualification for the four Royal Colleges of Surgeons of the UK & Ireland.

Patey Prize Winner:

Oliver Lyons, MRCS, PhD
Oliver Lyons qualified from St George’s, University of London (UK) before training in vascular surgery as a NIHR Academic Clinical Fellow and then Lecturer at King’s College London and St Thomas’ Hospital. The focus of his pre-clinical research has been identifying genetic causes of valve disease and developing an understanding of the mechanisms underlying these conditions. During his PhD, he developed methods quantifying venous valve phenotypes in patients and for interrogating disease processes in murine models, leading to the identification of several genes that, when mutated in patients, cause valve failure. He also investigates aortic graft infection as part of the Management of Aortic Graft Infection Collaboration (MAGIC), including the development of diagnostic and imaging criteria for this condition. Outside of work he enjoys hiking and this summer completed the Laugavegur trail in Iceland, which he would highly recommend!
Japan Surgical Society (JSS Chairman of the International Society):
Takao Ohki, MD, PhD
Takao Ohki, MD, PhD is the Chairman of Department of Surgery, Professor and Chief of the Division of Vascular Surgery at Jikei University School of Medicine in Tokyo Japan. He is also the Professor of Surgery at Albert Einstein College of Medicine in New York.

JSS Abstract Winner:
Tomohiko Adachi, MD, PhD
Tomohiko Adachi, MD, PhD, is an Assistant Professor of Surgery at Nagasaki University in Nagasaki, Japan. He received his MD in 2000, his PhD in 2008, and has 15 years of experience as an HPB Surgeon.

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Dr. Eugene Kim is Associate Professor of Surgery, Clinical Scholar, in the Division of Pediatric Surgery, Department of Surgery at the University of Southern California Keck School of Medicine in Los Angeles, California. He is an Attending Pediatric Surgeon at Children’s Hospital Los Angeles with expertise in pediatric surgical oncology and the resection of complex solid tumors in children. Dr. Kim is also principal investigator of a basic science laboratory that is focused on the study of novel preclinical therapies for the aggressive pediatric malignancy neuroblastoma. Specifically, utilizing a novel surgical mouse model of minimal residual disease, Dr. Kim is investigating the mechanisms and pathways responsible for metastatic disease in neuroblastoma and how targeting cancer stem cells may improve outcomes in patients. Dr. Kim is passionate about surgical education and the development of the next generation of surgical scientists.

Dr. Rebekah White is Associate Professor of Surgery and a surgical Oncologist at the University of California, San Diego. She received her medical education and general surgery training from Duke University. While a resident, she spent 3 years in a nucleic acid therapeutics lab working on a class of molecules known as ‘aptamers’. After finishing her residency, Dr. White completed a surgical oncology fellowship at Memorial Sloan-Kettering Cancer Center then returned in 2007 to Duke for nine years before moving to University of California San Diego in 2016. Dr. White runs a lab focused on novel therapeutic and diagnostic approaches for pancreatic cancer, which is also her main clinical focus.
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<tr>
<th>TIME</th>
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<tr>
<td>1:00 PM - 6:00 PM</td>
<td>AAS/SUS Surgical Investigators’ Course</td>
<td>River Terrace 1 &amp; 2</td>
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<tr>
<td>8:00 AM - 1:00 PM</td>
<td>AAS/SUS Surgical Investigators’ Course</td>
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<td>8:00 AM - 6:00 PM</td>
<td>6th Annual SUS Mid-Career Academic Surgery Professional Development Course</td>
<td>River Terrace 3</td>
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<td>1:00 PM - 3:00 PM</td>
<td>AAS Executive Committee Lunch</td>
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<td>1:30 PM - 2:30 PM</td>
<td>SUS Foundation Board Meeting</td>
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<td>2:00 PM - 9:00 PM</td>
<td>Speaker Prep Open</td>
<td>Orlando</td>
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<td>2:00 PM - 6:00 PM</td>
<td>Registration Open</td>
<td>Grand Ballroom Foyer</td>
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<td>3:00 PM - 6:00 PM</td>
<td>SUS Executive Council Meeting</td>
<td>Mathews</td>
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<td>3:30 PM - 6:30 PM</td>
<td>AAS Executive Council Meeting</td>
<td>Conference Center A</td>
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<td>6:30 PM - 7:30 PM</td>
<td>AAS Nominating Committee Meeting</td>
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<td>7:00 PM - 10:00 PM</td>
<td>Joint Council Dinner (Invitation Only)</td>
<td>River Club</td>
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<td>9:30 PM - 12:00 AM</td>
<td>Society of Asian American Surgeons Cocktail Reception</td>
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<td>Speaker Prep Open</td>
<td>Orlando</td>
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<td>6:00 AM - 7:00 AM</td>
<td>AAS New Member Breakfast (Invitation Only)</td>
<td>Grand Ballroom 1-3</td>
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<td>6:30 AM - 6:30 PM</td>
<td>Registration Open</td>
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<td>7:00 AM - 10:00 AM</td>
<td>AAS Grant Interviews</td>
<td>Boardrooms 2 &amp; 3</td>
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<td>7:30 AM - 9:30 AM</td>
<td>Integrated Quick Shot Presentation Sessions I</td>
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<td>1. Basic Science: Oncology</td>
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<td>2. Basic Science: Pediatrics</td>
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<td>3. Basic Science: General Surgery and Upper GI/Bariatric</td>
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<td>4. Basic Science: Plastics and Transplantation</td>
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<td>5. Clinical/Outcomes: Breast</td>
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<td>6. Clinical/Outcomes: Cardiothoracic 1</td>
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<td>7. Clinical/Outcomes: Colorectal 1</td>
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<td>8. Clinical/Outcomes: Cost Effectiveness</td>
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<td>9. Clinical/Outcomes: General Surgery 1</td>
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<td>10. Clinical/Outcomes: Global Surgery</td>
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<td>11. Clinical/Outcomes: Oncology</td>
<td>River Terrace 2</td>
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<td>12. Clinical/Outcomes: Pediatrics 1</td>
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<td></td>
<td>13. Clinical/Outcomes: Pediatric Quality And Trauma</td>
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<td>14. Clinical/Outcomes: Trauma/Critical Care 1</td>
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<td>15. Clinical/Outcomes: Trauma/Critical Care 2</td>
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<td>16. Clinical/Outcomes: Trauma/Critical Care 3</td>
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<td>17. Clinical/Outcomes: Upper GI/Bariatric</td>
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<td>18. Education 1</td>
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<td>9:30 AM - 4:00 PM</td>
<td>Exhibit Hall Open</td>
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<td>9:30 AM - 10:00 AM</td>
<td>SUS Lifetime Achievement Award</td>
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<td>10:00 AM - 10:15 AM</td>
<td>Opening Comments</td>
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<td>10:15 AM - 10:45 AM</td>
<td>Morning Break in Exhibit Area</td>
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<tr>
<td>10:45 AM - 11:30 AM</td>
<td>HOT TOPIC SESSION 1: “#SoMe 2.0 - Building an Academic Career in the World of Social Media”</td>
<td>Grand Ballroom 4-5</td>
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<td>ETHICS COMMITTEE SESSION: “Intraoperative Dilemmas in Resident Education”</td>
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<td>SOCIAL &amp; LEGISLATIVE ISSUES COMMITTEE SESSION: “Building Diversity and Equity in Academic Surgery: Current State &amp; Strategies for Improvement”</td>
<td>Grand Ballroom 6-8</td>
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<td>1:00 PM - 2:30 PM</td>
<td>SUS Presidential Session: “Maintaining the Fire: Physician Wellbeing through Resilience, Intentional Culture”</td>
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<td>SUS Foundation Board Meeting</td>
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<td>2:30 PM - 3:00 PM</td>
<td>SUS Joel J. Roslyn Lecture: “Attacking Pancreatic Cancer: Leveraging the Academic Surgeon’s Tools”</td>
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<td>3:00 PM - 3:30 PM</td>
<td>BJS Lecture: “Precision Surgery for Metastatic Colorectal Cancer”</td>
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<td>4:00 PM - 5:30 PM</td>
<td>Basic Science Plenary OR</td>
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<td>CLINICAL/HEALTH SERVICES RESEARCH COMMITTEE SESSION: “Selecting the Appropriate Data Source for the Question: A Review of the Most Commonly Used National Databases”</td>
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<td>AAS Medical Student Quickshot Competition</td>
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## WEDNESDAY, JANUARY 31, 2018

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<td>AAS/Student Mentor Breakfast (Invitation Only)</td>
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<td>Integrated Oral Presentation Sessions I</td>
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<td>22. Basic Science: Host Inflammatory Response</td>
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<td>26. Clinical/Outcomes: Oncology - Melanoma And Sarcoma</td>
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<td>33. Clinical/Outcomes: Outcomes In Urgent/Emergent Surgery</td>
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<td>34. Clinical/Outcomes: Patient-Center Outcomes In Specialty Care</td>
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<td>35. Clinical/Outcomes: Clinical Trials and Surgical Innovation</td>
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<td>38. Education: Wellness</td>
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<td>39. Education: Assessment and Feedback</td>
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<td>Morning Break in Exhibit Area</td>
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<tr>
<td>9:45 AM - 10:45 AM</td>
<td>AAS Founder’s Lecture: “Surgical Leadership - Lessons Learned”</td>
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<td>10:45 AM - 11:30 AM</td>
<td>AAS Presidential Address: “Re-defining Success in Academic Surgery”</td>
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<td>EDUCATION COMMITTEE SESSION: “Applying the Science of Organizational Psychology to Enhance Culture as a Surgical Leader”</td>
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<td>AWS LUNCHEON: “Graceful Self-Promotion”</td>
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<td>ELSEVIER LUNCHEON: “How to Get Your Paper Accepted: Tips From the Editors of Surgery and Journal of Surgical Research”</td>
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<td>AAS Presidential Session: “Identify your Passion and Find Purpose in Your Career”</td>
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<td>Afternoon Break in Exhibit Area</td>
<td>Grand Ballroom Foyer</td>
</tr>
<tr>
<td>2:30 PM - 4:30 PM</td>
<td>Integrated Quick Shot Presentation Sessions II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>40. Basic Science: Oncology and Hepatobiliary</td>
<td>City Terrace 4</td>
</tr>
<tr>
<td></td>
<td>41. Basic Science: Trauma/Critical Care</td>
<td>City Terrace 5</td>
</tr>
<tr>
<td></td>
<td>42. Basic Science: Cardiothoracic and Vascular</td>
<td>City Terrace 6</td>
</tr>
<tr>
<td></td>
<td>43. Clinical/Outcomes: Breast, Endocrine, and Oncology</td>
<td>City Terrace 7</td>
</tr>
<tr>
<td></td>
<td>44. Clinical/Outcomes: Cardiothoracic 2</td>
<td>City Terrace 8</td>
</tr>
<tr>
<td></td>
<td>45. Clinical/Outcomes: Cross-disciplinary</td>
<td>City Terrace 9</td>
</tr>
<tr>
<td></td>
<td>46. Clinical/Outcomes: Endocrine</td>
<td>City Terrace 10</td>
</tr>
<tr>
<td></td>
<td>47. Clinical/Outcomes: Quality</td>
<td>City Terrace 11</td>
</tr>
<tr>
<td></td>
<td>48. Clinical/Outcomes: General Surgery and Colorectal</td>
<td>City Terrace 12</td>
</tr>
<tr>
<td></td>
<td>49. Clinical/Outcomes: General Surgery 2</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td></td>
<td>50. Clinical/Outcomes: General Surgery 3</td>
<td>River Terrace 2</td>
</tr>
<tr>
<td></td>
<td>51. Clinical/Outcomes: Pediatrics 2</td>
<td>River Terrace 3</td>
</tr>
<tr>
<td></td>
<td>52. Clinical/Outcomes: Pediatrics 3</td>
<td>Conference Center A</td>
</tr>
<tr>
<td></td>
<td>53. Clinical/Outcomes: Trauma/Critical Care 4</td>
<td>Clearwater</td>
</tr>
<tr>
<td></td>
<td>54. Clinical/Outcomes: Trauma/Critical Care 5</td>
<td>St. Johns</td>
</tr>
<tr>
<td></td>
<td>55. Clinical/Outcomes: Trauma/Critical Care 6</td>
<td>Mathews</td>
</tr>
<tr>
<td></td>
<td>56. Education: Simulation Training</td>
<td>Hart</td>
</tr>
<tr>
<td></td>
<td>57. Education: Simulation Training</td>
<td>Acosta</td>
</tr>
<tr>
<td>4:30 PM - 5:30 PM</td>
<td>SUS New Member Poster Session</td>
<td>Grand Ballroom 6-8 Foyer</td>
</tr>
<tr>
<td>4:30 PM - 5:30 PM</td>
<td>AAS Resident/Student Meet the Leadership Reception</td>
<td>Daytona</td>
</tr>
<tr>
<td>5:30 PM - 7:00 PM</td>
<td>AAS Business Meeting</td>
<td>Grand Ballroom 1-3</td>
</tr>
<tr>
<td>7:00 PM - 12:00 AM</td>
<td>ASC Celebration Event &amp; AASF/SUSF Poker Tournament</td>
<td>Grand Ballroom 4-5</td>
</tr>
</tbody>
</table>

## THURSDAY, FEBRUARY 1, 2018

<table>
<thead>
<tr>
<th>TIME</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 AM - 3:00 PM</td>
<td>Speaker Prep Open</td>
<td>Orlando</td>
</tr>
<tr>
<td>6:30 AM - 7:30 AM</td>
<td>ASC Fun Run!</td>
<td>Front of Hotel</td>
</tr>
<tr>
<td>6:30 AM - 7:30 AM</td>
<td>Continental Breakfast</td>
<td>Grand Ballroom Foyer</td>
</tr>
<tr>
<td>7:00 AM - 3:00 PM</td>
<td>Registration Open</td>
<td>Grand Ballroom Foyer</td>
</tr>
</tbody>
</table>
### 7:30 AM - 9:30 AM

<table>
<thead>
<tr>
<th>Integrated Oral Presentation Sessions II</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>58. Basic Science: Trauma Immunology and Critical Care</td>
<td>City Terrace 4</td>
</tr>
<tr>
<td>59. Basic Science: Tissue Injury and Wound Healing</td>
<td>City Terrace 5</td>
</tr>
<tr>
<td>60. Basic Science: Oncologic Modeling and Therapeutics</td>
<td>City Terrace 6</td>
</tr>
<tr>
<td>61. Basic Science: Surgical Translational Science</td>
<td>City Terrace 7</td>
</tr>
<tr>
<td>62. Clinical/Outcomes: Trauma/Critical Care</td>
<td>City Terrace 8</td>
</tr>
<tr>
<td>63. Clinical/Outcomes: Cardiothoracic</td>
<td>City Terrace 9</td>
</tr>
<tr>
<td>64. Clinical/Outcomes: Hepatopancreatosurgical</td>
<td>City Terrace 10</td>
</tr>
<tr>
<td>65. Clinical/Outcomes: Transplantation</td>
<td>City Terrace 11</td>
</tr>
<tr>
<td>66. Clinical/Outcomes: Pediatrics - Patient-Centered Outcomes</td>
<td>City Terrace 12</td>
</tr>
<tr>
<td>67. Clinical/Outcomes: General Surgery - Access And Quality Of Care</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>68. Clinical/Outcomes: Oncology - Quality, Disparities, and Palliative Care</td>
<td>River Terrace 2</td>
</tr>
<tr>
<td>69. Clinical/Outcomes: Disparities And Access To Care</td>
<td>River Terrace 3</td>
</tr>
<tr>
<td>70. Clinical/Outcomes: Quality/Cost Effectiveness</td>
<td>Conference Center A</td>
</tr>
<tr>
<td>71. Clinical/Outcomes: Hepatopancreatosurgical and Transplantation</td>
<td>Clearwater</td>
</tr>
<tr>
<td>72. Clinical/Outcomes: Endocrine, Esophageal and Other Oncology</td>
<td>St. Johns</td>
</tr>
<tr>
<td>73. Clinical/Outcomes: General Surgery - Outcomes And Quality Of Care</td>
<td>Mathews</td>
</tr>
<tr>
<td>74. Education: Professionalism and Undergraduate Medical Education</td>
<td>Hart</td>
</tr>
<tr>
<td>75. Education: Simulation and Global Health</td>
<td>Acosta</td>
</tr>
</tbody>
</table>

### 8:00 AM - 9:00 AM

<table>
<thead>
<tr>
<th>SUS Research Awards (Invitation Only)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grand Ballroom 1-3</td>
</tr>
</tbody>
</table>

### 9:00 AM - 10:00 AM

<table>
<thead>
<tr>
<th>Exhibit Hall Open</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grand Ballroom Foyer</td>
</tr>
</tbody>
</table>

### 9:30 AM - 10:30 AM

<table>
<thead>
<tr>
<th>AAS &amp; SUS Research Awards OR</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education Plenary</td>
<td>Grand Ballroom 1-3</td>
</tr>
</tbody>
</table>

### 10:30 AM - 12:00 PM

<table>
<thead>
<tr>
<th>BASIC SCIENCE SESSION: “So You Want to be a Surgeon-Scientist: How to Succeed in Today’s Environment”</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grand Ballroom 6-8</td>
</tr>
</tbody>
</table>

### 12:00 PM - 1:30 PM

<table>
<thead>
<tr>
<th>HOT TOPIC SESSION 2: “Integrated Residencies and Early Specialization Programs: A Threat to General Surgery Training or Innovative Approaches to Surgical Education?”</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grand Ballroom 6-8</td>
</tr>
<tr>
<td>HOT TOPIC SESSION 3: “Making Research Feasible for Busy Surgeons Through Infrastructure Support: Pros, Cons, and Lessons Learned the Hard Way”</td>
<td>Location</td>
</tr>
<tr>
<td></td>
<td>Grand Ballroom 1-3</td>
</tr>
</tbody>
</table>

### 1:30 PM - 3:00 PM

<table>
<thead>
<tr>
<th>Integrated Quick Shot Presentation Sessions III</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>78. Basic Science: Trauma/Critical Care, Cross-Disciplinary</td>
<td>City Terrace 4</td>
</tr>
<tr>
<td>79. Basic Science: Breast and Endocrine</td>
<td>City Terrace 5</td>
</tr>
<tr>
<td>80. Basic Science: General Surgery, Colorectal, and Pediatrics</td>
<td>City Terrace 6</td>
</tr>
<tr>
<td>81. Clinical/Outcomes: Colorectal 2</td>
<td>City Terrace 7</td>
</tr>
<tr>
<td>82. Clinical/Outcomes: General Surgery 4</td>
<td>City Terrace 8</td>
</tr>
<tr>
<td>83. Clinical/Outcomes: Global Surgery and Plastics</td>
<td>City Terrace 9</td>
</tr>
<tr>
<td>84. Clinical/Outcomes: Hepatopancreatosurgical</td>
<td>City Terrace 10</td>
</tr>
<tr>
<td>85. Clinical/Outcomes: Oncology and Breast</td>
<td>City Terrace 11</td>
</tr>
<tr>
<td>86. Clinical/Outcomes: Pediatrics 4</td>
<td>City Terrace 12</td>
</tr>
<tr>
<td>87. Clinical/Outcomes: Pediatrics 5</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>88. Clinical/Outcomes: Plastics and Trauma/Critical Care</td>
<td>River Terrace 2</td>
</tr>
<tr>
<td>89. Clinical/Outcomes: Transplantation/Hepatobiliary</td>
<td>River Terrace 3</td>
</tr>
<tr>
<td>90. Clinical/Outcomes: Trauma/Critical Care 7</td>
<td>Conference Center A</td>
</tr>
<tr>
<td>91. Clinical/Outcomes: Trauma/Critical Care 8</td>
<td>Clearwater</td>
</tr>
<tr>
<td>92. Clinical/Outcomes: GI Surgery and Oncology</td>
<td>St. Johns</td>
</tr>
<tr>
<td>93. Clinical/Outcomes: Vascular</td>
<td>Mathews</td>
</tr>
<tr>
<td>94. Education 3</td>
<td>Hart</td>
</tr>
<tr>
<td>95. Education 4</td>
<td>Acosta</td>
</tr>
</tbody>
</table>
# Grant Writing Workshop Schedule-at-a-Glance

**January 28-29, 2018 • Jacksonville, FL**

## Day 1: Sunday, January 28, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 pm - 1:15 pm</td>
<td>Introduction&lt;br&gt;Caprice C. Greenberg, MD, MPH &amp; Rebecca M. Minter, MD</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>1:15 pm - 2:00 pm</td>
<td>How Do Funding Agencies Work&lt;br&gt;MODERATOR: Caprice C. Greenberg, MD, MPH</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>1:15 pm</td>
<td>NIH Organization, Institutes, Funding, CSR, Award Types – Herbert Chen, MD</td>
<td></td>
</tr>
<tr>
<td>1:25 pm</td>
<td>Other Federal Funding Agencies – Jayme E. Locke, MD, MPH</td>
<td></td>
</tr>
<tr>
<td>1:35 pm</td>
<td>Non-Federal Funding Agencies – Eugene S. Kim, MD</td>
<td></td>
</tr>
<tr>
<td>1:55 pm</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:00 pm - 2:15 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>2:15 pm - 3:45 pm</td>
<td>Career Development Awards – Basic/Translational Research (PARALLEL)&lt;br&gt;MODERATOR: Gregory D. Kennedy, MD, PhD</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>2:15 pm</td>
<td>General Format of an NIH K08 Application – Colin A. Martin, MD</td>
<td></td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Developing the Candidate Statement &amp; Training Plan – Rebekah R. White, MD</td>
<td></td>
</tr>
<tr>
<td>2:45 pm</td>
<td>The Mentor Statement – Meline R. Kibbe, MD, FAHA</td>
<td></td>
</tr>
<tr>
<td>3:00 pm</td>
<td>The Do’s and Don’ts of Writing an NIH K08 Application – Darren R. Carpizo, MD, PhD</td>
<td></td>
</tr>
<tr>
<td>3:15 pm</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:15 pm - 3:45 pm</td>
<td>Career Development Awards – Outcomes/Health Services Research (PARALLEL)&lt;br&gt;MODERATOR: Justin B. Dimick, MD, MPH</td>
<td>River Terrace 2</td>
</tr>
<tr>
<td>2:15 pm</td>
<td>General Format of an NIH K Award Application – Amir A. Ghaferi, MD, MS</td>
<td></td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Developing the Candidate Statement &amp; Career Development Plan – Lillian S. Kao, MD, MS</td>
<td></td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Mentor/Environment – Adil H. Haider, MD, MPH</td>
<td></td>
</tr>
<tr>
<td>3:00 pm</td>
<td>The Do’s and Don’ts of Writing an NIH K Award Application – Luke M. Funk, MD, MPH</td>
<td></td>
</tr>
<tr>
<td>3:15 pm</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>3:45 pm - 4:00 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>4:00 pm - 4:25 pm</td>
<td>Strategies for Success in Grant Writing: What I Wish I Knew Earlier&lt;br&gt;Dorry L. Segev, MD, PhD</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>4:25 pm - 4:30 pm</td>
<td>Discussion and Concluding Remarks&lt;br&gt;Caprice C. Greenberg, MD, MPH &amp; Rebecca M. Minter, MD</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>4:30 pm - 6:00 pm</td>
<td>Grantsmanship Workshop &amp; Networking Hour</td>
<td>River Terrace 1-2</td>
</tr>
</tbody>
</table>
## DAY 2: MONDAY, JANUARY 29, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am – 8:30 am</td>
<td><strong>Top 10 Mistakes Made When Writing Your First Grant</strong>&lt;br&gt;Carrie C. Lubitz, MD, MPH</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>8:30 am – 10:30 am</td>
<td><strong>Essential Elements of a Successful Research Proposal – Basic/Translational Research (PARALLEL)</strong>&lt;br&gt;Moderator: Kasper S. Wang, MD&lt;br&gt;8:30 am General Format of NIH R01 &amp; R21 Applications – Timothy A. Pritts, MD, MPH&lt;br&gt;8:50 am Generating a Hypothesis and Specific Aims – Allan M. Goldstein, MD&lt;br&gt;9:10 am Conveying Significance and Innovation – Ankush Gosain, MD, PhD&lt;br&gt;9:30 am Creating an Effective Scientific Approach – Allan Tsung, MD&lt;br&gt;9:50 am The Details – Budget, NIH Biosketch, Equipment, Resources, Vertebrate Animals, etc.&lt;br&gt;10:10 am Discussion</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>8:30 am – 10:30 am</td>
<td><strong>Essential Elements of a Successful Research Proposal – Outcomes/Health Services Research (PARALLEL)</strong>&lt;br&gt;Moderator: Sandra L. Wong, MDa&lt;br&gt;8:30 am General Format of NIH R01 &amp; R21 Applications – Adam Yopp, MD&lt;br&gt;8:50 am Writing the Specific Aims – Jonah J. Stulberg, MD, PhD, MPH&lt;br&gt;9:10 am Conveying Significance and Innovation – Hari Nathan, MD, PhD&lt;br&gt;9:30 am Important Elements of the Scientific Approach – Rachel R. Kelz, MD, MSCE&lt;br&gt;9:50 am Strategy for Building a Research Team &amp; Selecting Co-Investigators – Heena P. Santry, MD, MPH&lt;br&gt;10:10 am Discussion</td>
<td>River Terrace 2</td>
</tr>
<tr>
<td>10:30 am – 10:45 am</td>
<td><strong>Break</strong></td>
<td></td>
</tr>
<tr>
<td>10:45 am – 11:30 am</td>
<td><strong>Score, Triage, Summary Statement and Resubmission</strong>&lt;br&gt;Moderator: Rebecca M. Minter, MD&lt;br&gt;10:45 am What Happens to your Grant after Submission – Clifford S. Cho, MD&lt;br&gt;11:00 am Summary Statements and Preparing a Revision – Timothy R. Donahue, MD&lt;br&gt;11:15 am Discussion</td>
<td>River Terrace 1</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td><strong>Mock NIH Study Session (Health Services Research or Basic Science)</strong>&lt;br&gt;River Terrace 1-2</td>
<td></td>
</tr>
<tr>
<td>1:00 pm</td>
<td><strong>Concluding Remarks</strong></td>
<td></td>
</tr>
</tbody>
</table>
6th Annual SUS Mid-Career Academic Surgery Professional Development Course
Monday, January 29, 2018 • Jacksonville, FL

8:00 am – 8:05 am  Welcome and Introduction
COURSE CHAIRS: Anne Lidor, MD, MPH & Gregory Kennedy, MD, PhD

8:05 am – 9:15 am  IDENTIFYING THE OPPORTUNITIES
• How Do I Know When I’m Ready? How Do I Prepare for a Leadership Position?
  Timothy Pawlik, MD, MPH, PhD, The Ohio State University Wexner Medical Center
• How Do I Know If I should Stay or If I Should Leave?
  Rebekah White, MD, UC San Diego Health
• I Am Staying at My Institution – Keys for Future Success
  Nita Ahuja, MD, Johns Hopkins Medicine

9:15 am – 10:30 am  PLANNING FOR THE INTERVIEW PROCESS
• How to Prepare for a Successful Interview
  Doug Tyler, MD, University of Texas Medical Branch
• A Chair’s Perspective: Steps of the Interview Process
  Jeffrey Matthews, MD, The University of Chicago Medicine
• Search Firm/Search Committee Perspectives
  Nipun Merchant, MD, University of Miami Leonard M. Miller School of Medicine

10:30 am – 11:30 am  KEYNOTE
Patricia Turner, MD, The University of Chicago Medicine, American College of Surgeons

11:30 am – 12:00 pm  Lunch

12:00 pm – 1:15 pm  Small Group Exercises

1:15 pm – 2:45 pm  ON THE JOB EXPERIENCES
• Negotiation 101: Assessing Organizational Health
  Herbert Chen, MD, University of Alabama School of Medicine
• Personnel Management – Effectively Managing Up and Down
  O. Joe Hines, MD, David Geffen School of Medicine, University of California, Los Angeles
• Understanding the Expectations of the New Job
  Melina Kibbe, MD, University of North Carolina School of Medicine
• Compensation Models – The Ins and Outs
  Bryan Clary, MD, MBA, University of California San Diego

2:45 pm – 3:00 pm  Break

3:00 pm – 4:30 pm  LEADING AND MANAGING OTHERS
• Giving and Receiving Feedback
  Kevin Stavely-O’Carroll, MD, University of Missouri Health
• Managing Culture Change
  Anthony Stallion, MD, UNC School of Medicine – Charlotte Campus
• Assembling Your Team
  David Hackam, MD, PhD, Johns Hopkins Medicine

4:30 pm – 6:00 pm  Wrap Up and Cocktail Mixer

Visit the SUS website at WWW.SUSWEB.ORG for additional information.
6th Annual SUS Mid-Career Academic Surgery Professional Development Course

Monday, January 29, 2018 • Jacksonville, FL

COURSE CHAIRS

Anne Lidor, MD, MPH
Professor and Chief, Division of Minimally Invasive, Foregut and Bariatric Surgery
Vice Chair of Education, Divisions of General Surgery
University of Wisconsin School of Medicine and Public Health

Gregory D. Kennedy, MD, PhD
Professor of Surgery
Director, Division of Gastrointestinal Surgery
John H. Blue Chair of General Surgery
University of Alabama School of Medicine

Timothy Pawlik, MD, MPH, PhD
Chair, Department of Surgery
The Urban Meyer III and Shelley Meyer Chair for Cancer Research
The Ohio State University Wexner Medical Center

Rebekah White, MD
Associate Professor of Surgery
UC San Diego Health

Nita Ahuja, MD
Professor of Surgery
Director, Sarcoma and Peritoneal Surface Malignancy Program
Johns Hopkins Medicine

Doug Tyler, MD
Professor and Chair, Department of Surgery
The University of Texas Medical Branch

Jeffrey Matthews, MD
Professor and Chair, Department of Surgery
The University of Chicago Medicine

Nipun Merchant, MD
Professor of Surgery
Chief Surgical Officer
Chief, Division of Surgical Oncology
Director, Surgical Oncology Research Programs at the Sylvester Comprehensive Cancer Center
Vice Chair of Surgical Oncologic Services
University of Miami Leonard M. Miller School of Medicine

Patricia Turner, MD
Clinical Associate Professor of Surgery
The University of Chicago Medicine
Director of Division of Member Services
American College of Surgeons

Herbert Chen, MD
Professor of Surgery
Professor of Biomedical Engineering
Chair, Department of Surgery
Fay Fletcher Kerner Endowed Chair
Surgeon-in-Chief, UAB Hospital and Health System
Senior Advisor, UAB Comprehensive Cancer Center
University of Alabama School of Medicine

O. Joe Hines, MD
Professor and Chief, Department of Surgery
David Geffen School of Medicine
University of California, Los Angeles

Melina Kibbe, MD
Chair, Department of Surgery
University of North Carolina School of Medicine

Bryan Clary, MD, MBA
Professor and Chair, Department of Surgery
Surgeon-in-Chief
UC San Diego Health

Kevin Stavely-O’Carroll, MD
Director, Ellis Fischel Cancer Center
University of Missouri Health

Anthony Stallion, MD
Professor of Surgery
Chief of Pediatric Surgery
Levine Children’s Hospital
Jeff Gordon Children’s Hospital
Carolinas HealthCare System
UNC School of Medicine-Charlotte Campus

David Hackam, MD, PhD
Professor of Surgery
Surgeon-in-Chief, Johns Hopkins Children’s Center
Johns Hopkins Medicine

Visit the SUS website at WWW.SUSWEB.ORG for additional information.

1.02. High Expression of SLC02B1 is Associated with Prostate Cancer Recurrence after Prostatectomy, T. TERAKAWA, E. Kikutani, M. Fujisawa, K. Gurut, K. Takabe

1.03. A Novel Near-Infrared (NIR) Dye Can Accurately Measure Human Neuroendocrine Cancer Proliferation, B. R. Herrng, W. Jason, S. Jang, R. Jaskula-Sztuf, H. Chen


1.07. Hsp-90 Inhibitors are Synergistic with Standard of Care Treatments in Resistant Head and Neck Cancer. K. J. Kovatch, C. Subramaniam, M. E. Prince, J. Sanchez, M. S. Cohen


2.17. Impact of Toll-like Receptor 4 Stimulation on Human Neonatal Neutrophil Transcriptomic Response, S. L. Raymond, R. B. Hawkins, T. J. Murphy, J. C. Rincon, J. A. Stortz, M. Lopez, R. Ungaro, H. V. Baker, J. L. Wynn, L. L. Moldawer, D. S. Larson 1University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA 2University of Florida College of Medicine, Department of Molecular Genetics and Microbiology, Gainesville, FL, USA 3University of Florida College of Medicine, Department of Pediatrics, Gainesville, FL, USA

2.18. Is Gastrochiasis A Lymphatic Disease? Study In A Fetal Rabbit Model, F. Scorletti, M. Oria, F. Y. Lim, J. L. Peiro 1Cincinnati Children’s Hospital Medical Center, the Center for Fetal, Cellular and Molecular Therapy, Cincinnati, OH, USA

2.19. the Role of Intestinal TLR4 in the Development of Small Bowel Resection Associated Metabolic Syndrome, C. M. Courtney, L. K. Barron, J. E. Onufrei, J. Guo, B. W. Warner 1Washington University, Pediatric Surgery, St. Louis, MO, USA 2St Louis Children’s Hospital, Pediatric Surgery, St. Louis, MO, USA

2.20. Preclinical Evaluation of Novel Retinoic Acid Derivatives in Neuroblastoma, A. J. Lazenby, A. P. Williams, L. L. Stafman, J. Aye, V. R. Atigadda, J. Stewart, D. D. Muccio, C. Grubbs, A. A. Beierle 1University of Alabama at Birmingham, Dermatology, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA 3University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA 4University of Alabama at Birmingham, Pharmacology and Toxicology, Birmingham, Alabama, USA 5University of Alabama at Birmingham, Pediatrics, Birmingham, Alabama, USA 6University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

3.03. Notch is Protective in Spleen Against Apoptosis During Endotoxemia via TLR4/Myd88/INOS/TACE Pathway, C. Yang, M. Deng, M. Scott, T. Billiar 1Tsinghua University, Medical School, Beijing, BEIJING, China 2University of Pittsburgh, Pittsburgh, PA, USA

3.04. the Role of microRNA-21 in the Regulation of Inflammation and Macrophage Polarization, C. E. Liechty, J. Hu, C. Zgheib, K. W. Liechty 1University of Colorado-Anschutz Medical Campus, Department of Surgery, Laboratory for Fetal and Regenerative Biology, Aurora, CO, USA

3.05. Inflammatory Properties of Ileal Fluid from Patients with IBD, Y. Liu, F. Kuehn, R. Vasan, E. Liu, M. Farber, R. Pepen, C. Freguaia, M. Kaleko, R. A. Hodin 1Massachusetts General Hospital, General Surgery, Boston, MA, USA 2Synthetic Biologics, Rockville, MD, USA

3.06. Hyperglycemia reduces long non-coding RNA Leth expression through the ribosomal binding protein HuR, J. Xu, J. Hu, C. Zgheib, M. M. Hodges, K. W. Liechty 1University of Colorado-Anschutz Medical Campus, Department of Surgery, Laboratory for Fetal and Regenerative Biology, Aurora, CO, USA

3.07. Intestinal Epithelial Cell-Specific mTORC1 Regulates Food Intake, S. Tay, J. Guo, B. W. Warner 1Washington University, Pediatric Surgery, St. Louis, MO, USA 2Washington University, School of Medicine, St. Louis, MO, USA

3.08. MIR-146a-Conjugated Cerium Oxide Nanoparticles Accelerate Diabetic Wound Healing by Promoting Angiogenesis, C. Zgheib, J. Xu, M. M. Hodges, J. Hu, L. C. Dewberry, S. A. Hilton, S. Seai, K. W. Liechty 1Laboratory for Fetal and Regenerative Biology, Department of Surgery, School of Medicine, University of Colorado Denver - Anschutz Medical Campus, and Colorado Children’s Hospital, Aurora, CO, USA 2Advanced Materials Processing and Analysis Centre, Nanoscience Technology Center (NSTC), Mechanical Materials Aerospace Eng, University of Central Florida, Orlando, FL, USA

3.09. Nanofiber Scaffold-Skin Composite for Treatment of Excisional Wounds in Diabetic Rats, J. A. Ungar, L. Fu, S. Aravind, J. Xie, M. Carlson 1University of Nebraska College of Medicine, College of Medicine, Omaha, NE, USA 2University of Nebraska Medical Center, Regenerative Medicine, Omaha, NE, USA 3University of Nebraska Medical Center, Surgery - Transplant, Omaha, NE, USA

3.10. Decreased Inflammation inScarless Fetal Skin Wound Healing is Regulated by miR-146a, L. C. Dewberry, M. M. Hodges, C. Zgheib, J. Xu, S. A. Hilton, J. Hu, K. W. Liechty 1University of Colorado Denver, Department of Surgery, Aurora, CO, USA 2Children’s Hospital Colorado, Pediatric Surgery, Aurora, CO, USA

3.11. Ursodeoxycholic acid (UDCA) may protect against intestinal injury in mouse models of peritonitis, M. Nguyen, E. Escobar, C. Gayer 1Children’s Hospital Los Angeles, Pediatric Surgery, Los Angeles, CALIFORNIA, USA

3.12. FXR May Be Necessary for Experimental Murine LPS Induced Peritonitis Intestinal Damage, M. U. Mallicoate, O. Escobar, C. Gayer 1Children’s Hospital Los Angeles, Los Angeles, CA, USA

3.14. C-Jun Induction Leads to Increased Scar Formation and Fibrosis in Mice, B. Duoto, A. Moore, D. Foster, R. E. Jones, S. Mascharak, G. Wernig, M. Longaker 1Stanford University, Surgery, Stanford, CALIFORNIA, USA 2San Jose State University, Biology, San Jose, CALIFORNIA, USA 3Brigham and Women’s HospitalBrigham and Women’s Hospital, Surgery, Boston, MASSACHUSETTS, USA 4University of Texas Southwestern Medical Center, Dallas, TX, USA 5Stanford University, Pathology, Stanford, CALIFORNIA, USA

3.15. Investigating the Integrin αV-β3-dependent Secretome in Keratinocytes: Implications for Wound Healing, L. A. DeFreest, L. Van De Water, C. DiPersio 1Albany Medical College, Department of Surgery, Division of General Surgery, Section of Trauma and Critical Care, Albany, NY, USA 2Albany Medical College, Department of Surgery and Department of Regenerative & Cancer Cell Biology, Albany, NY, USA

3.16. Acta2, Tnc, and Col24a1 Expression are Associated with Fibroblast Formation of Abdominal Adhesions, D. Foster, C. D. Marshall, R. C. Ransom, A. Manjunath, G. Gulati, M. S. Hu, C. C. Chan, W. T. Leavitt, L. A. Moore, L. A. Barnes, M. Murphy, M. T. Longaker 1Stanford University, Department of Surgery, Stanford, CA, USA 2Stanford University, Hagey Laboratory for Pediatric Regenerative Medicine, Stanford, CA, USA 3Stanford University, Institute for Stem Cell Biology and Regenerative Medicine, Stanford, CA, USA

3.17. Anti-fibrosis Effect of Novel Oridonin Analog CYD0618 via Suppression of NF-κB Pathway, C. B. Cummins, X. Wang, J. Xu, Y. Ding, H. Chen, J. Zhou, R. Radakrishnan 1University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA 2University of Texas Medical Branch, Department of Pharmacology and Toxicology, Galveston, TX, USA

3.18. Diversity of Enterococcus faecalis in the Early Microbiota of Rats, P. T. Delaplaine, J. Wang, B. Bell, A. Grishin, H. Ford 1Children’s Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA

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3.19. Effects of Exogenous Del1 Protein on Human Skeletal Stem Cell Proliferation. T. Boyko1,2, O. Marecic1, M. Lopez1, C. Chan1, M. T. Longaker1, G. P. Yang1 1Stanford University School of Medicine, Surgery, Stanford, CALIFORNIA, USA 2University at Buffalo, Surgery, Buffalo, NY, USA

3.20. Large-field of View Laparoscopic Visualization Utilizing Multiple Miniaturized Cameras. J. Kim1, A. Watras1, H. Liu1, Z. Zeng1, J. A. Greenberg2, C. P. Heise3, Y. Hu4, H. Jiang1 1University of Wisconsin-Madison, Electrical and Computer Engineering, Madison, WI, USA 2University of Wisconsin School of Medicine and Public Health, Department of Surgery, Madison, WI, USA

4.01. Conserved FcRN-albumin interaction: implications for porcine-to-human renal xenotransplantation. J. R. Butler1,2, M. R. Greg1, J. Ladowski1, W. Wang1, J. L. Estrada2, M. Tector1, A. Tector3 1Indiana University School of Medicine, Indianapolis, IN, USA 2University of Alabama at Birmingham, Birmingham, Alabama, USA

4.02. Automated Quantification of Soft Endpoints in Wound Healing Analysis. S. Mascharak1, A. L. Moore1,2, B. Duoto1, D. S. Foster1, R. E. Jones1,2, G. Wernig1, M. T. Longaker1 1Stanford University, Dept. Surgery, Palo Alto, CA, USA 2Brigham and Women's Hospital, Dept. Surgery, Boston, MA, USA 3University of Texas Southwestern Medical Center, Dept. Surgery, Dallas, TX, USA 4Stanford University, Dept. Pathology, Palo Alto, CA, USA

4.03. Scaffold-free 3D-Bioprinting (3DBP) of a Porcine Liver Model. C. A. Vega1, L. J. Smith1,2, K. A. Altman1, P. Li1, B. Ekser1 1Indiana University School of Medicine, Indianapolis, IN, USA 2Indiana University - Purdue University Indianapolis, 3D-Bioprinting Core, Indianapolis, IN, USA 4Indiana University School of Medicine, Department of Radiology and Imaging Sciences, Indianapolis, IN, USA 5Indiana University School of Medicine, Division of Transplant Surgery, Department of Surgery, Indianapolis, IN, USA

4.04. Discordant Impact on Coagulation Between HTK and UW. A. Kam1, H. B. Moore1, C. B. Walker1, J. L. Dexter-Meldrum1, M. Chapman1, T. Johnson1, M. A. Adams1, T. Pshak1, I. Kam1, E. Pomfret1, T. L. Nydam1 1University of Colorado Denver, Surgery, Aurora, CO, USA

4.05. Human Small Intestine Transplantation: Jejunum is more Susceptible to Ischemia than Ileum. T. Lysy1, M. Finotti2, R. Morotti1, A. S. Munoz-Abraham1, A. Bertacco2, R. Agarwal1, C. Ibarra1, R. Patron1, A. Alukkun1, F. D’Amico1,2, M. Rodriguez-Davalos1, D. Mulligan1, J. Geibel1 1Yale University School of Medicine, Surgery, New Haven, CT, USA 2University of Padua, Transplantation and Hepatobiliary/Surgery, Padua, PADUA, Italy

4.06. Cellular and Mechanical Mechanisms Underlying Regeneration in Mandibular Distraction Osteogenesis. R. E. Jones1, R. C. Ransom1,2, A. C. Carter1, A. Saitohra1,2, T. Leavitt1, O. C. Marecic1,2, M. Lopez1,2, M. Murphy1,2, C. K. Chan1,2, D. C. Wan1, H. Y. Chang1, M. T. Longaker1,2 1Hagey Laboratory For Pediatric Regenerative Medicine, Department Of Surgery, Division Of Plastic And Reconstructive Surgery, Stanford University School Of Medicine, Stanford, CA, USA 2Institute For Stem Cell Biology And Regenerative Medicine, Stanford University, Stanford, CA, USA 3Center For Personal Dynamic Regulomes, Stanford University, Stanford, CA, USA

4.07. A Novel Human Xenograft Model to study Strategies in Articular Cartilage Regeneration. M. P. Murphy1, M. Lopez1, R. C. Ransom1, O. Marecic1, R. E. Brewer1, L. S. Koepke1, S. Mascharak2, C. F. Chan1, M. T. Longaker1 1Stanford University, Surgery, Palo Alto, CA, USA

4.08. Notch Activator Jagged1 Results in Increased Closure Rates in an Ex Vivo Murine Skin Wound Model. T. W. King1 1University of Alabama at Birmingham, Plastic Surgery, Birmingham, Alabama, USA

4.09. Regional Differences in Elastic Strain Correlate with Altered Mechanotransduction and Keloid Progression. T. Dohi1, J. Padmanaban1, P. Than1, S. Akashi2, M. Terashima2, N. Matsumoto2, R. Ogawa2, G. C. Gurtner1 1Stanford University, Department of Surgery, Palo Alto, CA, USA 2Stanford University, Department of Civil & Environmental Engineering, Palo Alto, CA, USA 3Nippon Medical School, Department of Plastic, Reconstructive and Aesthetic Surgery, Bunkyo, TOKYO, Japan

4.10. Characterization of Porcine Xenoantibody Response In Vitro. K. Pham1, N. Wilson-Schlier1, R. Redfield1 1University of Wisconsin, Department of Surgery, Madison, WI, USA

4.11. Assessing Pollution Samples for Autoimmune Promoting Activity In Vitro. H. Tran1, C. O’Driscoll1, E. Hoffmann1, J. Fechner1, J. Mezrich1 1University of Wisconsin, Transplant/Surgery/SMPH, Madison, WI, USA

4.12. Human Intestinal Preservation: Histological Comparison between UW and HTK in Hypothermic Storage. M. Finotti2, T. Lysy1, R. Morotti1, A. S. Munoz-Abraham1, A. Bertacco2, R. Agarwal1, C. Ibarra1, R. Patron1, A. Alukkun1, F. D’Amico1,2, M. Rodriguez-Davalos1, D. Mulligan1, J. Geibel1 1Yale University School of Medicine, Surgery, New Haven, CT, USA 2University of Padua, Transplantation & Hepatobiliary/Surgery, Padua, PADOVA, Italy

4.13. Screening Waitlisted Transplant Patients for Swine MHC Class II Antibodies. J. M. Ladowski1, G. Martens1, L. Reyes1, Z. Wang1, M. Tector1, A. J. Tector1 1University of Alabama at Birmingham, Birmingham, Alabama, USA

4.14. Antibiotic Coated VICRYL Prevents P. aeruginosa Colonization in vitro Better than VICRYL Plus®. J. Baker1, E. Gulbins1,2, M. J. Edwards1, A. Seitz1 1University of Cincinnati, Department of Surgery, Cincinnati, OH, USA 2University of Duisburg-Essen, Department of Molecular Biology, Essen, Germany

4.15. Tissue-engineered Human Spleen can be Generated in a Mouse Model. M. Isani1, X. Hou1, A. Fode1, C. Schlieve1, T. C. Griksci0 1Children’s Hospital Los Angeles, Los Angeles, CA, USA
5.01. Identifying low risk populations for the omission of sentinel lymph node biopsy in breast cancer. L. A. Riba, T. A. James, Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA

5.02. the EFFECT of CONTRALATERAL PROPHYLACTIC MASTECTOMY (CPM) ON COMPLICATIONS and LENGTH of STAY (LOS). J. Huang, A. Chagpar, Yale University School of Medicine, New Haven, CT, USA

5.03. Bone Morphogenetic Protein Expression Significantly Affects Breast Cancer Prognosis. A. A. MAAYY, E. Katsuta, L. Yan, K. Takabe, Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA Roswell Park Cancer Institute, Biostatistics and Bioinformatics, Buffalo, NY, USA

5.04. Analysis of neoadjuvant chemotherapy for invasive lobular carcinoma. L. A. Riba, T. L. Russell, T. A. James, Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA

5.05. Expression of miR-9 Predicts Breast Cancer Survival. J. C. Sporn, E. Katsuta, L. Yan, K. Takabe, Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA Roswell Park Cancer Institute, Biostatistics & Bioinformatics, Buffalo, NY, USA

5.06. Effect of Preoperative MRI on Rate of Local and Distant Recurrence of Breast Cancer. A. Roy, Z. Zeng, X. Li, S. Espino, Y. Luo, H. Jiang, S. Khan, Northwestern University, Feinberg School of Medicine, Chicago, IL, USA Northwestern University, Department of Preventive Medicine, Feinberg School of Medicine, Chicago, IL, USA Northwestern University, Department of Surgery, Feinberg School of Medicine, Chicago, IL, USA Northwestern University, Department of Statistics, Evanston, IL, USA Harvard School of Public Health, Department of Social & Behavioral Sciences, Boston, MA, USA

5.07. Recurrence in Patients Who Achieved Pathological Complete Response by Neoadjuvant Chemotherapy. M. Asaoka, K. Nariu, A. Yamada, N. Suganuma, T. Chishima, K. Takabe, T. Ishikawa, Tokyo Medical University Hospital, Department of Breast Cancer, Tokyo, TOKYO, Japan Roswell Park Cancer Institute, Buffalo, NY, USA Yokohama City University Hospital, Department of Breast Cancer, Yokohama, KANAGAWA, Japan Kanagawa Cancer Center, Department of Mammary Gland Endocrine Surgery, Yokohama, KANAGAWA, Japan Yokohama Rosai Hospital, Department of Oncology, Yokohama, KANAGAWA, Japan


5.09. the effect of Surgeon Performed Intra-Operative Specimen Ink on Lumpectomy Re-excision Rates. A. Botty Van Den Brule, B. Jasra, C. Smotherman, M. Crandall, L. Samiian, University of Florida College of Medicine Jacksonville, Center for Health Equity and Quality Research, Jacksonville, FL, USA University of Florida College of Medicine Jacksonville, Center for Health Equity and Quality Research, Jacksonville, FL, USA

5.10. the Effect of Obesity on Operating Room Utilization in Breast Surgery. N. Tata, J. Dunderdale, I. Helenowski, B. Jovanovic, R. Marcus, S. Kulkarni, Feinstein School of Medicine - Northwestern University, Chicago, IL, USA Feinstein School of Medicine - Northwestern University, Department of Surgery, Chicago, IL, USA Feinstein School of Medicine - Northwestern University, Department of Preventive Medicine, Chicago, IL, USA Feinstein School of Medicine - Northwestern University, Department of Anesthesiology, Chicago, IL, USA

5.11. the role of CTA in assessing DIEP flap perforator patency in patients with pre-existing abdominal scars. L. M. Ngaage, R. Hamed, D. Bi Pace, G. Oni, B. Koo, C. M. Malata, University of Cambridge, Clinical School of Medicine, Cambridge, ENGLAND, United Kingdom Addenbrooke’s Hospital, Plastic & Reconstructive Surgery, Cambridge, ENGLAND, United Kingdom The University of Alexandria Medical School, Alexandria, ALEXANDRIA, Egypt Addenbrooke’s Hospital, Radiology, Cambridge, ENGLAND, United Kingdom Università Degli Studi Della Campania Luigi Vanvitelli, Plastic Surgery Unit, Naples, NAPLES, Italy Addenbrooke’s Hospital, Cambridge Breast Unit, Cambridge, ENGLAND, United Kingdom Anglia Ruskin University, Postgraduate Medical Institute, Faculty of Medical Sciences, Cambridge & Chelmsford, ENGLAND, United Kingdom

5.12. Breast Cancer in Women over 80: An Analysis of Treatment Patterns and Disease Outcomes. E. N. Ferrigni, B. C. Bergom, Z. Yin, A. Kong, Medical College of Wisconsin, Milwaukee, WI, USA Froedtert Hospital, Surgical Oncology, Milwaukee, WI, USA

5.13. Contralateral Prophylactic Mastectomy versus Unilateral Mastectomy: Impact on Surveillance. S. R. DeBiase, W. Sun, C. Laronga, D. Bouware, J. K. Lee, M. Lee, University of South Florida College of Medicine, Tampa, FL, USA Moffitt Cancer Center and Research Institute, Moffitt Breast Program, Tampa, FL, USA Moffitt Cancer Center and Research Institute, Moffitt Biostatistics, Tampa, FL, USA


5.15. the effect of CTA and venous couplers on surgery duration in microvascular breast reconstruction. L. M. Ngaage, B. Di Pace, R. Hamed, G. Oni, L. Fopp, B. Koo, C. M. Malata, University of Cambridge, School of Clinical Medicine, Cambridge, United Kingdom Addenbrooke’s Hospital, Plastic and Reconstructive Surgery, Cambridge, United Kingdom Addenbrooke’s Hospital, Radiology, Cambridge, United Kingdom Università Degli Studi Della Campania Luigi Vanvitelli, Plastic Surgery Unit, Naples, Italy University of Alexandria, Medical School, Alexandria, Egypt Addenbrooke’s Hospital, Cambridge Breast Unit, Cambridge, United Kingdom Anglia Ruskin University, Faculty of Medical Sciences, Cambridge & Chelmsford, United Kingdom

5.16. Overview of Florida Genetic Mutation Carriers from the Inherited Cancer Registry (ICARE). D. A. Henry, D. Almanza, C. Lee, W. Sun, T. Pai, C. Laronga, Moffitt Cancer Center and Research Institute, Breast Surgical Oncology, Tampa, FL, USA Vanderbilt-Ingram Cancer Center, Nashville, TN, USA

5.17. the Implications of Insurance Status on Mortality among Early Stage Breast Cancer Patients in Indiana. S. Obeng-Gyasi, L. Timsina, K. D. Miller, G. L. Dunnington, K. K. Ludwig, D. A. Haggstrom, Indiana University School of Medicine, Department of Surgery, Indianapolis, IN, USA Indiana University School of Medicine, Department of Medicine, Indianapolis, IN, USA Indiana University School of Medicine, Division of Hematology and Oncology, Indianapolis, IN, USA

5.18. the Impact of Pre-Operative Breast MRI on Surgical Wait Times in a Public Hospital Setting. E. Warnack, S. Dhage, K. P. Joseph, New York University School of Medicine, Surgery, New York, NY, USA


5.20. Impact of Margins on Re-excision Rates for Breast-Sparing Surgery. K. Shuman, L. He, E. Malone, J. Richman, C. Parker, University of Alabama at Birmingham, Birmingham, Alabama, USA University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA
6. CLINICAL/OUTCOMES: CARDIOTHORACIC QUICK SHOT SESSION 1

6.01. National Volume-Outcome Relationships for Extracorporeal Membrane Oxygenation. K. L. Bailey1, Y. Sanalha1, E. Aguayo1, Y. Seo1, V. Dobaria1, R. J. Shenmin1, P. Benharash1 David Geffen School of Medicine, University of California at Los Angeles, Division of Cardiac Surgery, Los Angeles, CA, USA

6.02. Comparison of Outcomes of Minimally Invasive and Open Pneumonectomy. A. Kumar1, H. Devisheh1, T. Demmy1, S. Yendamuri1 Roswell Park Cancer Institute, Department of Thoracic Surgery, Buffalo, NY, USA

6.03. Impact of Depression on Readmission Outcomes after Coronary Artery Bypass Graft Surgery. E. A. Aguayo1, Y. Juo1, Y. Seo1, K. L. Bailey1, V. Dobaria1, Y. Sanalha1, P. Benharash1 University of California - Los Angeles, Department of Surgery/ Division of Cardiac Surgery, Los Angeles, CA, USA

6.04. Poor Pulmonary Function Tests Potentiate the Impact of Comorbidities After Lobectomy for Lung Cancer. D. C. Thomas1, B. N. Arnold1, M. DeLuzio1, F. C. Detterbeck1, D. J. Boffa1, J. D. Blasberg1, A. W. Kim1 Yale School of Medicine, Section of Thoracic Surgery, New Haven, CT, USA University of Southern California, Division of Thoracic Surgery, Los Angeles, CA, USA

6.05. Long Term Survival and Echocardiographic Findings After Left Ventricular Aneurysmectomy. A. A. Assi1, S. F. Bolling1, H. J. Patel1, M. Deeb1, M. A. Romano1, J. W. Haft1, R. L. Prager1, F. D. Pagani1, P. C. Tang1 University of Michigan, Department of Cardiac Surgery, Ann Arbor, MI, USA

6.06. Correlation of Anastomotic Leak and Neoadjuvant Chemoradiation in Esophageal Cancer. D. Lee1, C. Takahashi1, R. Shridhar1, J. Huston1, K. Meredith1 Florida State University College of Medicine, Gastrointestinal Oncology, Sarasota, FL, USA Midwestern University, Phoenix, AZ, USA University of Central Florida, Orlando, FL, USA Sarasota Memorial Health Care System, Sarasota, FLORIDA, USA

6.07. Perioperative Outcomes Following Esophagectomy With Gastric vs. Non-Gastric Reconstruction? M. Varasteh Kia1, J. K. Canner1, R. J. Battafarano1, S. C. Yang1, E. L. Bush1, M. V. Brock1, E. R. Haut1, R. S. Broderick1 Johns Hopkins University School of Medicine, Baltimore, MD, USA Johns Hopkins Bloomberg School of Public Health, Epidemiology and Biostatistics, Baltimore, MD, USA Johns Hopkins Bloomberg School of Public Health, Health Policy and Management, Baltimore, MD, USA

6.08. Innominate versus Axillary Artery Cannulation for Hemiarth Repair. M. Eldeiry1, M. Aftab1, K. Yamanaka1, M. S. Mosca1, C. Ghinca1, J. C. Cleveland1, D. Fullerton1, T. B. Reece1 University of Colorado Denver, Cardiothoracic Surgery, Aurora, CO, USA

6.09. Embedding Real-Time Measure of Surgeons’ Cognitive Load into Cardiac Surgery Process Modeling. R. Dias2, M. Zennath2, H. Conboy3, J. Gabany3, D. Arney3,4, J. Goldman3,4, L. Osterweil4, G. Avrunin4, L. Clarke5, S. Yule1,2,3 Brigham and Women’s Hospital, Department of Surgery, Boston, MA, USA Brigham and Women’s Hospital, STRATUS Center for Medical Simulation, Boston, MA, USA Massachusetts General Hospital, Department of Anesthesia, Boston, MA, USA Massachusetts General Hospital, MD PrP Program, Boston, MA, USA VA Boston Healthcare System, Division of Cardiac Surgery, West Roxbury, MA, USA University of Massachusetts, Amherst, MA, USA Harvard Medical School, Boston, MA, USA

6.10. Financial Impact of Access Site Pseudoaneurysm after Transcatheter Aortic Valve Replacement. A. Iyengar1, E. Aguayo1, Y. Seo1, Y. Sanalha1, O. Kwon1, R. Satour1, P. Benharash1 University of California - Los Angeles, David Geffen School of Medicine, Los Angeles, CA, USA University of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA University of California - Los Angeles, General Surgery, Los Angeles, CA, USA

6.11. Readmissions After Mitral Valve Repair Vs. Replacement in the United States, 2010-2014. Y. Sanalha1, A. Mantha1,2, Y. Seo1, L. Mukdad1, V. Dobaria1, Y. Juo1, R. Morchi1, P. Benharash1 David Geffen School of Medicine, University of California at Los Angeles, Cardiac Surgery, Los Angeles, CA, USA University of California - Irvine, Cardiothoracic Surgery, Orange, CA, USA

6.12. Using Mathematical Modeling To Define the Learning Curve In Robot-assisted Thoracoscopic Lobectomy. B. N. Arnold1, D. C. Thomas1, V. Bhatnagar1, J. D. Blasberg1, Z. Wang2, D. J. Boffa1, F. C. Detterbeck1, A. W. Kim1 Yale University School of Medicine, Section of Thoracic Surgery, New Haven, CT, USA Yale University School of Medicine, School of Public Health, New Haven, CT, USA University of Southern California, Division of Thoracic Surgery, Los Angeles, CA, USA

6.13. Minimally Invasive Versus Full Sternotomy AVR In Low-risk Patients — Which Will Stand Against TAVR?, S. A. Hirji1, F. Ramirez Del Val1, A. A. Kolkaikal1, J. Lee1, S. F. Aranki1, P. S. Shekar1, T. Kaneko1 Brigham and Women’s Hospital, Division of Cardiac Surgery, Department of Surgery, Boston, MA, USA

6.14. Risk Factors Contributing to Cardiac Events Following Thoracic Endovascular Aneurysm Repair (TEVAR). D. Acheampong1, P. Paul1, P. Boateng1, I. Leitman1 Mount Sinai School of Medicine, New York, NY, USA

6.15. SURGICAL STAGING SUPERIOR TO PET SCAN for ASSESSMENT of DISEASE RESPONSE for MEDIASTINAL LYMPHOMA. L. Kane1, H. Savas1, M. DeCamp1, A. Bharat1 Feinberg School of Medicine - Northwestern University, Chicago, IL, USA

6.16. National Practice Trends for the Management of Lung Cancer: A Dartmouth Atlas Study. I. C. Bostock1, F. Sheikh1, T. M. Millington1, D. J. Finley1, J. D. Phillips1 Dartmouth Hitchcock Medical Center, Thoracic Surgery, Lebanon, NH, USA

6.17. --Factors During Training Which Predict Future Use of Minimally Invasive Thoracic Surgery, P. E. Rothenberg1, B. D. Hughes1, I. C. Okereke1 University of Texas Medical Branch, Cardiothoracic Surgery, Galveston, TX, USA University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA

7.13. Pre-operative Predictors of Prolonged Length-of-Stay with Enhanced Recovery After Surgery (ERAS). T. S. Wahl1, J. D. Owen1, L. E. Goss1, J. S. Richman1, M. S. Morris3, G. D. Kennedy1, J. A. Cannon1, D. I. Chu1, University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

7.14. Perineural Invasion is a Significant Prognostic Factor in Non-Metastatic Colon Cancer. L. G. Leijssen1,2, A. M. Dinaux1,2, H. Kunitake1,2, L. G. Bordeianou1,2, D. L. Berger1,2 Massachusetts General Hospital, General and Gastrointestinal Surgery, Boston, MA, USA 1 Harvard School of Medicine, Brookline, MA, USA

7.15. Trends and Outcomes for Minimally Invasive Surgery for Inflammatory Bowel Disease. C. H. Davis1, T. Gagliani1, H. R. Bailey1,2, M. V. Cusick1,2, Methodist DeBakey Heart and Vascular Center, Department of Surgery, Houston, TX, USA 1 University of Texas Health Science Center at Houston, Department of Surgery, Houston, TX, USA

7.16. Medicaid Patients Less Likely to Receive Emergent Procedures for Colorectal Cancer. Y. A. Zerhouni1,2, E. B. Schneider1, N. Melinchouk1, Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA 2 Ohio State University, Columbus, OH, USA 1 UCSF-East Bay, Surgery, Oakland, CA, USA

7.17. Frequency and Timing of Complications Following Abdomino- perineal Resection: A NSQIP Analysis. L. A. Sceats1, J. E. Tookey1, D. D. Bohi1, B. Read1, A. Trickey1, C. Kin1 Stanford University, Surgery, Palo Alto, CA, USA 2 Rush University Medical Center, Orthopedic Surgery, Chicago, IL, USA 3 Stanford University, Internal Medicine, Palo Alto, CA, USA 4 Stanford University, S-SPINE Center, Stanford, CA, USA

7.18. ERAS Protocol Validation in a Propensity Matched Cohort of Patients Undergoing Colorectal Surgery. P. Vinsard1, A. C. Spaulding2, J. M. Naessens3, Z. Li4, A. Merchea5, J. E. Crook6, D. W. Larson1, R. G. Landman1, D. T. Colibaseanu1,2 Mayo Clinic, Department of General Surgery, Jacksonville, FL, USA 4 Mayo Clinic, Center for the Science of Health Care Delivery, Rochester, MN, USA 5 University of Connecticut, Department of Surgery, Farmington, CT, USA 6 Mayo Clinic, Division of Colorectal Surgery, Rochester, MN, USA 7 Mayo Clinic, Department of Health Sciences Research, Jacksonville, FL, USA

7.19. Finding the Surgical “Sweet Spot” in Colorectal Cancer: Timing Affects Survival. R. J. Kucejko1, T. Holleran1, D. E. Stein1, J. L. Poggio1 Drexel University College of Medicine, Surgery, Philadelphia, PA, USA

7.20. Decision Tree Analysis to Identify Key Factors Predicting ICU Admission After Colorectal Surgery. D. E. Wang1, Y. Fang2, S. E. Sherman1, E. Newman3, G. Ballantyne1, H. Pachter1, M. Melis1 New York University School of Medicine, Department of Surgery, New York, NY, USA 2 New York University School of Medicine, Department of Population Health, New York, NY, USA
8. CLINICAL/OUTCOMES: COST EFFECTIVENESS QUICKSHOT SESSION

MODERATORS: Daniel E. Abbott, MD & Steven L. Lee, MD

8.01. Value Analysis of the Costliest Elective Invasive Procedures at an Academic Medical Center. A. Reisman1, K. Farrell1, I. Leitman1, ‘Mount Sinai School of Medicine, New York, NY, USA

8.02. Cost of Operating Room Time: An Analysis of California Hospital Financial Statements. C. P. Childers1, M. Maggard-Gibbons1, ‘University of California - Los Angeles, Los Angeles, CA, USA

8.03. The Role of Repeat Imaging in Hepatic Trauma for Identification of Post-Injury Pseudoaneurysm. T. Bongiovanni1, C. A. Wybourn1, B. Del Buono1, A. Mendoza1, R. Callcut1, ‘University of California San Francisco, Surgery, San Francisco, CALIFORNIA, USA

8.04. Overutilization of Helicopter EMS in the Central Gulf Coast Region. M. V. Purvis1, A. R. Beckett1, J. R. Beasley2, H. E. Reed1, A. Haiflich1, Y. Lee1, L. Ding1, S. E. Bowden1, E. A. Panacek1, S. B. Brevard1, J. D. Simmons1, ‘University of South Alabama, Department of Surgery, Division of Acute Care Surgery and Burns, Mobile, AL, USA ‘University of South Alabama, School of Medicine, Mobile, AL, USA ‘University of South Alabama, Department of Emergency Medicine, Mobile, AL, USA

8.05. Frailty As Measured By the Trauma Specific Frailty Index Predicts Hospital Costs in Trauma Patients. F. S. Jahan1, M. Hamidi1, N. Kvatunyout1, A. Tang1, A. Jain1, L. Gries1, T. O’Keeffe1, E. Zakaria1, B. Joseph1, ‘University of Arizona, Tucson, AZ, USA

8.06. Prehabilitation Prior to Living Donor Kidney Transplant May Have Beneficial Financial Implications. M. J. Holmes1, M. J. McCarroll1, R. J. Berkowitz1, J. S. Lee1, L. E. Junge1, B. C. Kenney1, S. C. Wang1, R. S. Sung1, M. J. Englesbe1, K. J. Woodside1, ‘University of Michigan, Ann Arbor, MI, USA

8.07. Time is Money-Quantifying Savings in Outpatient Appendectomy. E. T. Bernard1, D. L. Davenport1, B. Benton1, A. C. Bernard2 ‘University of Kentucky, General Surgery, Lexington, KY, USA

8.08. Are Work Relative Value Units Driving Surgeon Behavior?. E. C. Poli1, F. S. Dahdaleh1, S. Sherman1, K. K. Turaga1, ‘University of Chicago, Department of Surgery, Chicago, IL, USA

8.09. Cost-effectiveness of DAAs among HCV+ Kidney Transplant Candidates: Treat pre- or post-transplant?. M. N. Mustian1, B. A. Shelton1, R. M. Hungerpiller1, D. L. Sawinski1, R. D. Reed1, P. A. MacLennan1, J. E. Locke1, ‘University of Alabama at Birmingham, Birmingham, AL, USA ‘University of Pennsylvania, Philadelphia, PA, USA

8.10. Variation in supply cost for appendectomy and cholecystectomy across a healthsystem.. M. E. Mallah1, M. Barringer2, M. E. Thomason1, E. Ross1, B. Matthews1, C. E. Reinke1, ‘Carolina HealthCare System, Cost Analytics, Charlotte, NC, USA ‘Carolina Medical Center, Department of Surgery, Charlotte, NC, USA ‘Carolina Medical Center-Cleveland, Shelby, NC, USA

8.11. Surgical Cost Correlation within Hospitals. S. P. Shubeck1,2, U. Nuliyalu1, J. B. Dimick1, H. Nathan1, ‘University of Michigan, Department of Surgery, Ann Arbor, MI, USA ‘University of Michigan, National Clinician Scholars Program, Ann Arbor, MI, USA ‘University of Michigan, Center for Healthcare Outcomes & Policy, Ann Arbor, MI, USA

8.12. Use of a Standardized Checklist is a Cost Saving Measure at a New Trauma Center. A. V. Jambhekar1, T. Liu1, R. Lee1, B. Fahoum1, M. Zenilman1, J. Rucinski1 ‘New York Presbyterian Brooklyn Methodist Hospital, Surgery, Brooklyn, NY, USA

8.13. Cost Burden and Mortality in Rural EGS Transfer Patients. D. Keeven1, C. Harris1, D. Davenport1, A. Bernard3, ‘University of Kentucky, Lexington, KY, USA

8.14. Admission of pediatric concussion injury patients: is it necessary?. E. Lindholm1, R. D’Cruz2, R. Fajardo1, T. Meckmangkol1, S. Ciullo1, H. Grewal1, R. Prasad1, L. G. Arthur1, ‘St. Christopher’s Hospital for Children, Division of Pediatric General, Thoracic & Minimally Invasive Surgery, Philadelphia, PA, USA ‘Temple University, Department of General Surgery, Philadelphia, PA, USA ‘Albert Einstein College of Medicine, Department of General Surgery, Philadelphia, PA, USA

8.15. Immediate & Delayed Complication Rates in Unilateral vs Bilateral Mastectomy: a retrospective review. S. R. DeBiase1, W. Sun2, C. Laronga2, D. Boulware1, J. K. Lee1, M. Lee2 ‘University of South Florida College of Medicine, Tampa, FL, USA ‘Moffitt Cancer Center and Research Institute, Moffitt Breast Program, Tampa, FL, USA ‘Moffitt Cancer Center and Research Institute, Moffitt Biostatistics, Tampa, FL, USA

8.16. Children After Motor Vehicle Crashes: Failure of Child Restraint Increases Hospital Cost. A. D. Melucci1, B. Lang1, V. Dombrovskiy1, J. Pierre1, Y. Lee1 ‘Rutgers Robert Wood Johnson, New Brunswick, NJ, USA


8.18. Value of Wound Care to Prevent Surgical Site Infections in Contaminated Traumatic Abdominal Wounds. A. Acker1, J. Leonardi1, M. J. Seamon1, D. N. Holena1, J. Pascual1, B. Smith1, P. M. Reilly1, N. D. Martin1, ‘University of Pennsylvania, Surgery, Philadelphia, PA, USA

8.19. Gastric Cancer: Epidemiological Features and Analysis of Cases Treated between 2010 ans 2014. P. Abreu-Reis1, A. Bettega1, R. Goolkate1, M. Kato1, F. Tomasic1, ‘Hospital Erasto Gaertner – Federal University of Parana, Department of Surgery, Curitiba, PR, Brazil

8.20. Surgical Site Infection Rates Increase in Transfer Patients for Orthopedic Injuries in a Rural State. N. R. Bruce1, W. C. Beck1, J. R. Taylor1, M. K. Kimbrough1, J. Jensen1, M. J. Sutherland1, R. D. Robertson1, K. W. Sexton1 ‘University of Arkansas for Medical Sciences, Department of Surgery, Little Rock, AR, USA
9.11. the Art and Science of Surgery: Do the Data Support the Banning of Surgical Skull Caps? A. J. Rios-Diaz1, G. Chevrollier2, H. Witting1, C. Schleider1, M. Pucci1, S. Cowan1, F. Palazzo1, Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA 1Thomas Jefferson University, Sidney Kimmel Medical College, Philadelphia, PA, USA

9.12. Variation in Opioid Prescribing Among Surgical Residents, Faculty, and Physician Assistants. R. Howard1, J. Lee1, J. Vu1, J. Waljee1, C. Brummett1, M. Englesbe1 University of Michigan, Ann Arbor, MI, USA

9.13. Travel and Clinic Time for Postoperative Visits after Laparoscopic Appendectomy or Cholecystectomy. K. Harkey1, N. Kaiser1, K. Mayr2, C. E. Reinke1 Carolinas Healthcare System, Informatio & Analytics Services, Charlotte, NC, USA 1Carolinas Medical Center, Department of Surgery, Charlotte, NC, USA

9.14. Operating Room Staff and Surgeon Documentation Curriculum Improves Wound Classification Accuracy. K. E. Epier1, S. Schrader1, J. Gorvetzian1, J. Romero1, R. Schrader1, A. Greenbaum2, R. McKeever3 University of New Mexico, School of Medicine, Albuquerque, NEW MEXICO, USA 1University of New Mexico, Department of Surgery, Albuquerque, NEW MEXICO, USA 2RMS Biostatistics Services, Albuquerque, NEW MEXICO, USA

9.15. Patient Reported Outcomes as Basis for Optimization of Pain Medication after Emergency Surgery. P. Moolchandani1, D. Kumar1, S. Griffen1, E. Alore1, M. A. Davis1, J. Ward1, S. Gordy1, J. W. Suliburk1, M. Hoffman1 Baylor College of Medicine, Houston, TX, USA

9.16. Nationwide Comparison of Laparoscopic Versus Open Treatment of Adhesive Small Bowel Obstruction. J. L. Buicco1, J. Parreco1, M. A. Lopez1, R. Rattan1, M. A. Lopez-Viejo1, R. A. Kozol1 University of Miami, Palm Beach General Surgery Residency, Atlantis, FL, USA

9.17. Schizophrenia is Associated With Increased Length of Stay After Open Ventral Hernia Repair. E. M. Lo1, S. S. Awad2, C. Chai1, K. I. Makris1, L. W. Chiu1, N. Becker1, M. A. Lopez-Viego1, R. Rattan1, M. A. Lopez-Viejo1, R. A. Kozol1 1University of Miami, Palm Beach General Surgery Residency, Atlantis, FL, USA

9.18. Population Level Outcomes of Early vs. Delayed Appendectomy for Acute Appendicitis Using ACS-NSQIP. E. A. Alore1, J. L. Ward1, S. R. Todd1, C. T. Wilson1, S. D. Gordy1, M. K. Hoffman1, J. W. Suliburk1 1Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA

9.19. Physician Beliefs about the Patient-Provider Relationship Influence Caring and Burnout. K. Leibowitz1, A. Crum1, C. Mueller1 1Stanford University, Surgery, Palo Alto, CA, USA 2Stanford University, Psychology, Palo Alto, CA, USA

9.20. “FASTPASS” Gallbladder Diseases and Appendicitis from Emergency Department Help Improve Patient Care. N. Kulvatunya1, B. Joseph1, S. Adikari1, R. S. Friesel1, L. Gries1, T. O’Keeffe1, A. L. Tang1, A. Jain1, G. Vercruysse1, N. Kulvatunya1 1Banner University of Arizona, Trauma, Critical Care, Emergency General Surgery, Tucson, AZ, USA
10.01. Estimating the Global Need for Cancer Surgery. A. H. Siddiqui1, A. A. Javed2, S. Zafar2 1Aga Khan University Medical College, Medical College, Karachi, Sindh, Pakistan 2University of Maryland, Department of Surgery, Baltimore, MD, USA 3Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

10.02. Does Insurance Protect Individuals from Catastrophic Payments for Surgical Care in Ghana? J. S. Okoroh1, S. Essoun2, R. Riviello2, H. Harris3, J. S. Weissman2 1University of California - San Francisco, Department of Surgery, San Francisco, CA, USA 2Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA 3University of Ghana, Korle-Bu Teaching Hospital/Department of Surgery, Accra, GREATER ACCRA, Ghana 4Fogarty International Center, UcGioCal Consortium, Bethesda, MD, USA

10.03. Local Impact of General Surgery Task-Sharing in Rural Sierra Leone: A District Hospital Experience. P. F. Johnston1, S. Jalioh1, A. Samura1, J. A. Bailey1, M. Brittany1, Z. C. Sifri1 1Rutgers New Jersey Medical School, Surgery, Newark, NJ, USA 2College of Medicine and Allied Health Sciences, Freetown, WESTERN, Sierra Leone 3Kabala Government Hospital, Kabala, KONAIIDUGU, Sierra Leone 4University of Maryland - Mercy Medical Center, Baltimore, MD, USA

10.04. Pre-Op Bowel Prep With Oral Antibiotic Reduces Morbidity After Emergent Colectomy for Diverticulitis. M. Hamidi1, M. Zeeshan1, N. Kulvatyunyuu1, T. O’Keeffe1, A. Jain1, A. Tang1, E. Zakaria1, L. Gries1, B. Joseph1 1University of Arizona, Tucson, AZ, USA

10.05. Establishing a context-appropriate trauma registry for Uganda using the local providers’ perspective. J. A. Igü1, C. Haastbrook1, O. C. Nwanna-Nzewunwa1, I. Feldhaus1, M. Carvalho1, M. M. Ajkó1, F. Kinya1, J. Epodó1, R. Dicker1, C. Julliard1 1Soroti Regional Referral Hospital, Department of Surgery, Soroti, Uganda 2University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA

10.06. Policy Implications of Road Traffic Injury in Cameroon; Results from a Population-Based Study. S. A. Christie1, D. C. Dickson1, T. Nana1, R. M. Stern1, A. Mlitarial1, R. A. Dicker1, A. Chichom-Melfre1, C. Julliard1 1University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA 2University of California - Los Angeles, Los Angeles, CA, USA 3University of Buea, Department of Surgery and Obstetrics-Gynecology, Faculty of Health Sciences, Buea, SOUTHWEST REGION, Cameroon

10.07. The Global Availability of Cancer Registry Data. A. H. Siddiqui1, S. Zafar2 1University of Maryland, Department of Surgery, Baltimore, MD, USA 2Aga Khan University Medical College, Medical College, Karachi, Sindh, Pakistan

10.08. Prevalence and Predictors of Surgical Site Infections After Cesarean Delivery in Rural Rwanda. T. Nkurunziza1, F. Kateera1, R. Riviello2,3, K. Sonderman3, A. Matousek3, E. Nahimana1, G. Ntakikurira1, E. Nihiwacu1, B. Ramadhan1, M. Gruendi1, E. Gaju1, C. Hambakawa1, B. L. Hedd-Gauthier1, R. M. Stern1 1Partners In Health, Clinical/Research, Kigali, CITY OF KIGALI, Rwanda 2Brigham and Women’s Hospital, Boston, MA, USA 3Harvard School of Medicine, 2Department of Global Health and Social Medicine, Brookline, MA, USA 4Ejo Heza Surgical Center, Kigali, CITY OF KIGALI, Rwanda 5Ministry of Health, Kigali, CITY OF KIGALI, Rwanda

10.09. A Novel Survey-Based Metric for Assessing Injury Severity in Population Studies. S. A. Christie1, D. C. Dickson1, T. Nana1, P. M. Stern1, R. A. Dicker1, A. Chichom-Melfre1, C. Julliard1 1University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA 2University of California - Los Angeles, Los Angeles, CA, USA 3University of Buea, Department of Surgery and Obstetrics-Gynecology, Faculty of Health Sciences, Buea, SOUTHWEST REGION, Cameroon

10.10. Development and Validation of a Composite Surgery Availability Score in Malawi. A. E. Giles1,2, A. G. Ramirez1,3, M. G. Shrimel5 1Harvard School of Public Health, Boston, MA, USA 2McMaster University, Surgery, Hamilton, ONTARIO, Canada 3University of Virginia, Surgery, Charlottesville, VA, USA 4Harvard School of Medicine, Program In Global Surgery and Social Change, Boston, MA, USA 5Massachusetts Eye and Ear Infirmary, Otolaryngology, Boston, MA, USA

10.11. Global Experience With Implementation of A Minimum Universal Operative Case Log. L. M. Baumann1,2, O. Yerokun10, P. Jani1, N. Wetzig1, L. Samad1, K. Park1, K. Nguyen1, M. Meheś1, B. Allen1, F. Abdullah1,2, A. Latifi1 4G4 Alliance, New York, NY, USA 2The College of Surgeons of East, Central and Southern Africa, Arusha, ARUSHA, Tanzania 3HEAL Africa, Gisenyi, WESTERN, Rwanda 4Rwanda National Hospital, Surgery, Kigali, KIGALI, Rwanda 5Aga Khan University Medical College, Public Health, Kampala, KAMPALA, Uganda 6Johns Hopkins Bloomberg School of Public Health, General Preventative Medicine, Baltimore, MD, USA 7Northwestern University, Department of Surgery, Chicago, IL, USA 8Ann & Robert H. Lurie Children’s Hospital, Division of Pediatric Surgery, Chicago, IL, USA 9Johns Hopkins University School of Medicine, Anesthesiology and Critical Care Medicine, Baltimore, MD, USA

10.12. the Impact of Increasing Surgical Capacity at a Tertiary Hospital in Southern Haiti. L. E. Ward1, M. P. Padovany1, A. N. Bowder1,2, T. Jean-Baptiste1, R. Patterson1,2, C. M. Dodigoni1 1Saint Boniface Hospital, General Surgery, Fond Des Blancs, Haiti 2Medical College of Wisconsin, General Surgery, Milwaukee, WI, USA 3Tufts University School of Medicine, Boston, MA, USA

10.13. A Golden Hour? Assessing Time to Hospital Presentation for Trauma Patients in Santa Cruz, Bolivia. M. A. Boeck1, S. South1, E. Foianiin1, L. Jauregui1, O. Morales Gutierrez1, G. Toledo1, J. Camacho Mansilla1, P. Mercado1, A. Haider1, M. Swaroop1 1New York Presbyterian Hospital-Columbia, Department of Surgery, New York, NY, USA 2Feinberg School of Medicine, Northwestern University, Division of Trauma/Critical Care, Chicago, IL, USA 3Clinical Foianini, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia 4Hospital De Niños Mario Ortiz Suarez,Santa Cruz De La Sierra, SANTA CRUZ, Bolivia 5Hospital San Juan De Dios, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia 6Hospital Japones, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia 7Hospital Municipal Plan 3000,Santa Cruz De La Sierra, SANTA CRUZ, Bolivia 8Center for Surgery and Public Health, Brigham and Women’s Hospital, Boston, MA, USA

10.14. Outcomes in Pediatric Patients with Congenital Colorectal Diseases in Sub-Saharan Africa. L. N. Purcell1, J. Gallaher1, B. Cairns1, A. Charles1 1University of North Carolina at Chapel Hill, General Surgery, Chapel Hill, NC, USA

10.15. Development of a Universal Minimum Data Set for Perioperative Care in the Global Setting. O. Yerokun10, L. M. Baumann1,2, P. Jani1, N. Wetzig1, L. Samad1, K. Park1, K. Nguyen1, E. O’Flynn10, B. Joseph1, M. Meheś1, B. Allen1, F. Abdullah1,2, A. Latifi1 1Ann & Robert H. Lurie Children’s Hospital, Division of Pediatric Surgery, Chicago, IL, USA 2Northwestern University, Department of Surgery, Chicago, IL, USA 3Johns Hopkins Bloomberg School of Public Health, General Preventative Medicine, Baltimore, MD, USA 4Johns Hopkins University School of Medicine, Anesthesiology and Critical Care Medicine, Baltimore, MD, USA 5The College of Surgeons of East, Central and Southern Africa, Arusha, ARUSHA, Tanzania 6Pan African Academy of Christian Surgeons, Linden, NC, USA 7Smile Train, New York, NY, USA 8African Agency for Integrated Development, KAMPALA, Uganda 9Pro-Health International, Edwardsville, IL, USA 10Oregon Health and Science University, Pediatric Surgery, Portland, OR, USA 11VUMed, Salt Lake City, UT, USA 12Global Pediatric Surgical Technology and Education
Project, Irvine, CA, USA 11Nigerian Society of Anesthetists, Lagos, LAGOS, Nigeria 12nd Chance Association Reconstru12surgery for Life Reconstruction, Meyrin, GENEVA, Switzerland 13Korle-Bu Neuroscience Foundation, Langley, BC, Canada 14Royal College of Surgeons of Ireland, Dublin, LEINSTER, Ireland 15HEAL Africa, Gisenyi, RUBAVU, Rwanda 16Mending Kids, Burbank, CA, USA 1G4 Alliance, New York, NY, USA

10.16. The Uptake of Technology and Social Media (SM) Among West African Surgeons. E. O. Abara1, J. O. Olatosi2, N. Abara3, H. Y. Angate4 1Northern Ontario School of Medicine, Clinical Sciences, Sudbury, ONTARIO, Canada 2University of Lagos, College of Medicine, Lagos, LAGOS, Nigeria 3University of Texas Medical Branch, Department of Family Medicine, Galveston, TX, USA 4University of Abidjan, College of Medicine, Abidjan, ABIDJAN, Cote d’Ivoire

10.17. Surgery Availability in Malawi: A Geospatial Analysis of Existing and Potential Population Coverage. A. G. Ramirez2,3, A. E. Giles2,3, M. G. Shrimere2,3 1University of Virginia, Charlottesville, VA, USA 2Harvard School of Public Health, Boston, MA, USA 3McMaster University, Hamilton, ONTARIO, Canada 4Harvard School of Medicine, Program In Global Surgery and Social Change, Boston, MA, USA 5Massachusetts Eye & Ear Infirmary, Otolaryn-gology, Boston, MA, USA

10.18. Quantitative Evaluation of Surgical, Obstetric, and Anesthetic Capacity in Ethiopia. K. Iverson1,2, I. Citron2, O. Ahearn2, K. Garringer2, S. Mukhopadhyay2,3, D. Bursa2, A. Teshome4, A. Bekele5, S. Workneh5, M. Shrimere2,3, J. Meara1,2 1University of California - Davis, Sacramento, CA, USA 2Harvard School of Medicine, Program In Global Surgery and Social Change, Boston, MA, USA 3Children’s Hospital Boston, Plastic Surgery, Boston, MA, USA 4Massachusetts Eye & Ear Infirmary, Boston, MA, USA 5Federal Ministry of Health, Addis Ababa, AA, Ethiopia 6University of Connecticut, Storrs, CT, USA

10.19. Using mHealth Technology to Assist CHWs in Identifying Surgical Site Infections in Rural Rwanda. M. Grundi2,3, F. Kateera1, K. Sonderman2,3, T. Nkurunziza1, A. Matousek1, E. Nahimana1, G. Ngakirungu1, E. Gaju1, C. Habiyakare2, E. Nihiwacu1, B. Ramadhan1, R. Rivello1,2, B. Hedt-Gauthier2 1Partners In Health, Clinical/Research, Kigali, KIGALI, Rwanda 2Harvard School of Medicine, Department of Global Health and Social Medicine, Brookline, MA, USA 3Brigham and Women’s Hospital, Boston, MA, USA 4Ejo Heza Surgical Center, Kigali, CITY of KIGALI, Rwanda 5Ministry of Health, Kigali, CITY of KIGALI, Rwanda

7:30 AM - 9:30 AM Integrated Quick Shot Presentations Session I

11. CLINICAL/OUTCOMES: ONCOLOGY QUICKSHOT SESSION

MODERATORS: Andrew G Hill, MBChB, MD & Matthew R. Porembka, MD

11.01. Outcomes after CRS-HIPEC by Facility: Do Higher Volumes Matter? K. N. Partain1, E. Gabriel1, K. Atwood2, C. Powers2, M. Kim2, S. P. Bagaria3, S. N. Hochwald4 1Mayo Clinic - Florida, Department of Surgery, Section of Surgical Oncology, Jacksonville, FL, USA 2Roswell Park Cancer Institute, Department of Biostatistics, Buffalo, NY, USA 3Roswell Park Cancer Institute, Department of Surgical Oncology, Buffalo, NY, USA

11.02. History of Blistering Sunburn and Molecular Profile in Melanoma. I. Soliman1, N. Goel1, K. Loo1, M. Renzetti2, T. Li1, H. Wu1, B. Luo1, A. Olszanski1, S. Movva1, M. Lango1, S. Reddy1, J. Farm1 1Fox Chase Cancer Center, Philadelphia, PA, USA

11.03. A Phase II Trial of Cytoreduction and HIPEC for Advanced Adrenocortical Carcinoma. W. Lo1, T. Beresnev2, M. Merino2, M. Mulquin2, Y. Shutaok2, D. Zott1, J. Hernandez2, J. Davis2, M. Hughes2 1National Cancer Institute, Thoracic and GI Oncology Branch, Bethesda, MD, USA 2Eastern Virginia Medical School, Surgical Oncology, Norfolk, VA, USA 3National Cancer Institute, Pathology, Bethesda, MD, USA

11.04. Soft Tissue Sarcomas in the Elderly: Are we Overtreating or Undertreating this Patient Population? A. Gingrich1, S. Bateni1, R. Bold1, A. Kirane1, A. Monjaez2, M. Darrow2, S. Thorpe2, R. Canter2 1University of California - Davis, Surgery, Sacramento, CA, USA 2University of California - Davis, Orthopedics, Sacramento, CA, USA 3University of California - Davis, Radiation Oncology, Sacramento, CA, USA 4University of California - Davis, Pathology, Sacramento, CA, USA

11.05. High Mitotic Rate Predicts Sentinel Lymph Node Involvement in Thin Melanomas. K. E. Engelhardt2, O. Kutlu2, W. Lancaster2, K. Staveley-O’Carroll1, E. Kimchi1, A. M. Abbott1, E. R. Camp1 1Medical University of South Carolina, Charleston, SC, USA 2Northwestern University, Chicago, IL, USA 3University of Miami, Miami, FL, USA 4University of Missouri, Columbia, MO, USA

11.06. Timing of Radiation Improves Margin Status but Not Limb-Salvage Rates in Deep Extremity Sarcoma. R. D. Shelby1, L. Suarez-Kelly1, P. Y. Yu1, T. M. Hughes1, C. G. Ethun2, T. B. Tran3, G. Poulttsides1, D. M. King1, M. Bedi1, T. C. Gamblin1, J. Tseng1, K. K. Roggin1, K. Choullarais1, K. Votanopoulos1, B. A. Krasnick1, R. C. Fields1, R. E. Pollock1, J. H. Howard1, K. Cardona1, V. P. Grignol1 1Ohio State University, Columbus, OH, USA 2Emory University School of Medicine, Atlanta, GA, USA 3Stanford University, Palo Alto, CA, USA 4University of Chicago, Chicago, IL, USA 5Wake Forest University School of Medicine, Winston-Salem, NC, USA 6Washington University, St. Louis, MO, USA 7Medical College of Wisconsin, Milwaukee, WI, USA

11.07. Mesoadenoptosis Based Vascularized Lymph Node Transfer for the Surgical Treatment of Lymphedema. D. Rutler1, W. Chen2, R. Garza2, D. Efferman3, R. Skoracki4 1The Ohio State University College of Medicine, Columbus, OH, USA 2The Ohio State University College of Medicine, Department of General Surgery, Columbus, OH, USA 3The Ohio State University College of Medicine, Department of Pathology, Columbus, OH, USA 4PRIMRA Plastic Surgery, San Antonio, TX, USA

11.08. Neutrophil to Lymphocyte Ratio Predicts Outcomes After Chemoembolization for Neuroendocrine Tumors. S. M. McDermott1, N. Saunders2, E. M. Schneider2, D. Strosberg3, J. Onesti4, G. Davidson1, M. Bloomston5, D. Iliff6, C. R. Schmidt7, L. A. Shirley8 1Ohio State University College of Medicine, Columbus, OH, USA 2Ohio State University, Department of Surgery, Columbus, OH, USA 3Emory University School of Medicine, Department of Surgery, Atlanta, GA, USA 4Mercy Health, Department of Surgery, Grand Rapids, MI, USA 521st Century Oncology, Ft Myers, FL, USA

11.09. Patient Characteristics and Outcomes among BRAF-mutated Colorectal Cancers: A Retrospective Review. J. Purchla1, W. H. Ward1, F. Lambert1, N. Nweze1, T. Li2, N. Goel3, S. Reddy4, E. Sigurdson4, J. M. Farma5 1Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA 2Fox Chase Cancer Center, Philadelphia, PA, USA

11.10. Postoperative Morbidity and Mortality of Neoadjuvant Therapy after Pancreaticoduodenectomy. K. S. Cool2, H. J. Kim3, J. J. Yeh4, H. K. Sanoff5, K. B. Stitzenberg5 1University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA 2University of North Carolina at Chapel Hill, Department of Medicine, Chapel Hill, NC, USA
11.11. A 15-year Experience of Anal Carcinoma in a Veteran
Population Comparing HIV vs Non-HIV Patients. E. Vo1, B. A.
Kimbrough1, S. S. Awad2, N. S. Becker1, W. L. Chiu1,2, L. Gillory1,2,
D. S. Lee1, K. Makris1,2, G. Chen1,2, N. N. Massarweh1,2,3, H. S.
Tran Cao1, C. Y. Chai1,2 Baylor College of Medicine, Houston,
TX, USA 1Michael E. DeBakey Veterans Affairs Medical Center,
Houston, TX, USA 2VA HSR&D Center for Innovations In Quality,
Effectiveness and Safety, Michael E. DeBakey VA Medical Center,
Houston, TX, USA

11.12. Fecal Diversion Is Rarely Necessary In Cyto reduction and
Hyperthermic Intraoperative Chemotherapy. L. M. Cohen1, J.
Bauml entgarte2, J. Veerapong3, A. Lowy4, K. J. Kelly5 1University of
California - San Diego, Surgical Oncology, San Diego, CA, USA

11.13. How Well Does the Surgical Apgar Score Predict Risk of
Serious Complications After Cancer Surgery?. S. M. Manstein1,
N. Goel1, W. H. Ward2, L. Demor a3, E. A. Ross3, S. S. Reddy1, M. C.
Smaldone1, J. Ma fara1, C. S. Chu1, A. Kutikov1, D. Y. Chen1, M.
N. Lango1, R. Viterbo4, J. A. Ridge1, A. Karachristos1, R. G. Uzzo1,
N. F. Esa nolia1 1Fox Chase Cancer Center, Surgical Oncology,
Philadelphia, PA, USA

11.14. RAS Mutation Conﬁrms Prognostic Signiﬁcance in Patients
Undergoing Colorectal Cancer Resection Combined with Chemotherapy.
K. Williams1, B. N. Wnuk1, A. Krepelin1, M. Hembrook1, S. Tsa1, K. K. Christians1, H. Mogal1, T. C. Gamblin1, C. N. Clarke1 1Medical College of Wisconsin, Division of
Surgical Oncology, Milwaukee, WI, USA

11.15. Impact of Marital Status on Presentation and Management of
Early Stage Melanoma. C. E. Sharon1, A. J. Sinnamon1, M. E.
Karakousis1 1Hospital of the University of Pennsylvania, Dermatology,
Philadelphia, PA, USA 2Hospital of the University of Pennsylvania,
Endocrine and Oncologic Surgery, Philadelphia, PA, USA

11.16. Perioperative Chemoradiation Does Not In£uence
Incisional Hernia Formation After Cancer Resection. S.
Kavalukas1, R. Baoucm2, L. Huang1, S. Phillips1, C. Bailey1, R.
Pierce1, M. Holzman1, K. Sharp3, B. Poulose1 1Vanderbilt University
Medical Center, Department of Surgery, Nashville, TN, USA 2Vanderbilt
University Medical Center, Department of Surgery, Nashville, TN, USA

11.17. The Emerging Role of Surgery in Melanoma Patients
Treated with Immune Checkpoint Inhibitors (ICI). C. Puza1, P.
Mosca1, A. K. Salama1, H. Howard1, D. Agnes2, A. Terando1, D. G.
Blazer3, R. Scher1, G. Beasley1 1Duke University, Department of
Surgery, Durham, NC, USA 2Duke University, Division of Medical
Oncology, Durham, NC, USA 3Ohio State University, Division of
Surgical Oncology, Columbus, OH, USA

11.18. Pancreatic Neuroendocrine Tumour (PNET) Imaging
Features are Predictive of Biology. A. Fang1, E. Tashakori1, C.
Farinas1, M. Mederos1, A. McElhany1, S. Mohammed1, N. Vllifane1,
W. E. Fisher1, G. Van Buren1 1Baylor College of Medicine, Michael
E. DeBakey Department of Surgery, the Elkins Pancreas Center,
Houston, TX, USA

11.19. Smoking and Next Generation Sequencing Mutation
Signature in Melanoma. K. Loo1, I. Soliman1, M. Renzetti1, T. Li1,
J. Wu1, B. Luo1, A. Olszanski1, M. Lango1, N. Goel1, S. Reddy1, J. Farma1 1Fox Chase Cancer Center, Philadelphia, PA, USA

11.20. Postoperative opioid Consumption in Cancer Patients
after Curative-Intent Surgery. J. A. Balch1, J. S. Lee1,2, V. Parashar1,2, J.
B. Miller3, S. M. Bremmer1,2, J. V. Yu1,2, L. A. Dossett1,2 1University of
Michigan, Department of Surgery, Ann Arbor, MI, USA 2University of
Michigan, Center for Health Outcomes and Policy, Ann Arbor, MI,
3University of Michigan, Center for Bioethics & Social Sciences
In Medicine, Ann Arbor, MI, USA

Integrated Quick Shot Presentations Session I

M O D E R A T O R S : T r o y A. M a r k e l , B A , M D & R e g a n F. W i l l i a m s , M D

12.01. Maintaining Oncologic Integrity with Minimally Invasive
Resection of Pediatric Embryonal Tumors. H. M. Phelps1, G. D.
Ayers1, J. M. Nidlo1, H. L. Dietrich1, K. D. Watson1, M. A. Hilmes1,
H. N. Lovorn2 1Vanderbilt University Medical Center, School of
Medicine, Nashville, TN, USA 2Vanderbilt University Medical Center,
Division of Cancer Biostatistics, Nashville, TN, USA 3Vanderbilt
University Medical Center, Pediatric Radiology, Nashville, TN, USA
4Vanderbilt University Medical Center, School of Nursing,
Nashville, TN, USA 5Vanderbilt University Medical Center, Pediatric
Hematology/Oncology, Nashville, TN, USA 6Vanderbilt University
Medical Center, Pediatric Surgery, Nashville, TN, USA

12.02. Does Muscle Biopsy change the treatment of Pediatric
muscular disease?. N. Le1, J. Sukja1, J. Sobrino1, L. A. Benedict1, R.
Rentea1, H. Alemayehu1, T. Oyetunji1, S. St. Peter1 1Children’s Mercy
Hospital-University of Missouri Kansas City, Kansas City, MO, USA

12.03. Earlier Feeding after Congenital Diaphragmatic Hernia
Repair Associated with Shorter Hospitalization. S. M. Deeney1,
D. D. Bensard1, T. M. Crombleholme1 1Children’s Hospital
Colorado, Department of Pediatric Surgery, Aurora, CO, USA

12.04. Nonoperative Anesthesia Time for Common Surgical
Procedures in Young Children. K. Williams1, B. Nwomayi1, A.
Oyetunji2 1Howard University College of Medicine, General Surgery,
Washington, DC, USA 2Nationwide Children’s Hospital, Columbus,
OH, USA 3Children’s Mercy Hospital- University of Missouri Kansas
City, Kansas City, MO, USA

12.05. Engaging Families Through Shared Knowledge: RCT of
Open Access to a Rapid Learning Healthcare System. D. O.
Gonzalez1, Y. Sebastianio1, J. N. Coop3, M. Levitt1, R. J. Wood1, K.
J. Deans1 1Nationwide Children’s Hospital, Columbus, OH, USA
   1Indiana University School of Medicine, Division of Pediatric Surgery, Department of Surgery, Indianapolis, IN, USA
   2Indiana University School of Medicine, Division of Cardiothoracic Surgery, Department of Surgery, Indianapolis, IN, USA
   3Indiana University School of Medicine, Division of Pediatric Cardiology, Department of Pediatrics, Indianapolis, IN, USA

12.14. Predicting Outcomes in Necrotizing Enterocolitis: What is the Role of Surgery?. C. Chabuz1, S. D. Larson1, J. A. Taylor1, S. Islam1
   1University of Florida, Pediatric Surgery, Gainesville, FL, USA

   1University of Tennessee Health Science Center, Department of Pediatrics, Memphis, TN, USA
   2University of California Los Angeles, Department of Surgery, Los Angeles, CA, USA
   3University of Arizona, College of Medicine/Department of Surgery, Tucson, AZ, USA

12.16. Utility of Liver Biopsy in the Evaluation of TPN Cholestasis. C. Buonpane1,2, G. Ares1, G. Englert1, I. Helenowski1, F. Hebal1, C. Hunter1,2
   1Ann & Robert H. Lurie Children's Hospital of Chicago, Pediatric Surgery, Chicago, IL, USA
   2Geisinger Medical Center, General Surgery, Danville, PA, USA
   3Northwestern University, Chicago, IL, USA

12.17. A Pediatric Surgical Team Improves Surgeon Volume and Exposure to Index Pediatric Surgery Cases. W. G. Lee1, D. P. Puapong1,2, R. K. Woo1,2
   1University of Hawai‘i, John A. Burns School of Medicine, Honolulu, HI, USA
   2University of Cincinnati, College of Medicine, Cincinnati, OH, USA

12.18. Same Day Discharge vs Observation for Uncomplicated Laparoscopic Appendectomy: A Prospective Cohort. K. G. Lee1, S. Ngo1, A. Beres1
   1University of Texas Southwestern Medical Center, Department of Surgery, Division of Pediatric Surgery, Dallas, TX, USA

12.19. Outcomes of Intercostal Nerve Cryoablation with the Nuss Procedure compared to a Thoracic Epidural. C. Harbaugh1, K. N. Johnson1, M. D. Jarboe2, R. B. Hirschi1, J. D. Geiger1, S. K. Gadepalli1
   1University of Michigan, C.S. Mott Children’s Hospital, Section of Pediatric Surgery, Ann Arbor, MI, USA

12.20. Hemorrhage After On-ECMO Repair of CDH is Equivalent for Muscle Flap and Prosthetic Patch. H. Nolan1, E. Aydin1, J. Frischer1, J. L. Peiro1, B. Rymski1, F. Lim1
   1Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

CONFERENCE CENTER A

MODERATOR: Nicholas A. Hamilton, MD

13.01. Underutilization of the Organ Injury Scaling System in a Pediatric Trauma Center. K. B. Savoie1, N. Jain1, R. F. Williams1
   1University of Tennessee Health Science Center, Department of Surgery, Memphis, TN, USA

13.02. the Management of Blunt Traumatic Retropitoneal Hematomas in Children. P. Dasari1, G. P. Woolf1, L. S. Burkhalter1, F. G. Qureshi1
   1University of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA

13.03. The Role of LFTs in the Evaluation of Blunt Trauma in Pediatric Trauma Patients: Are They Necessary? S. F. Small1, B. A. Borg1, P. Kato1, A. Hussein1, L. Donoghue1, C. Shanti1
   1Children’s Hospital Of Michigan, Pediatric Surgery, Detroit, MI, USA

13.04. Pediatric Trauma Outcomes in the Obese. R. Duran1, R. Barry1, M. Modarressi1, E. Thompson1, J. Sanabria1
   1Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA

13.05. Blunt Renal Injury in Children: Do National Trends in Management Follow Recent Literature?. R. Sola1, T. A. Oyetunji1, K. D. Graziano1, S. D. St. Peter1
   1Children’s Mercy Hospital-University of Missouri Kansas City, Surgery, Kansas City, MO, USA
   2University of Arizona, College of Medicine/Department of Surgery, Phoenix, AZ, USA

13.06. Hurry Up and Wait: Pre-Incision Time in the OR Associated with Pre-Induction Checklist Adherence. S. N. Wythe1, K. T. Anderson2, M. A. Bartz-Kurycki3, K. T. Anderson4, S. N. Wythe5, G. M. Garwood1, R. F. Martin6, R. Gutierrez1, A. L. Kawaguchi7, K. P. Lally1, K. Tsao1,2
   1McGovern Medical School, University Of Texas Health Sciences Center At Houston, Pediatric Surgery, Houston, TX, USA
   2University of Cincinnati, College of Medicine, Cincinnati, OH, USA
   3University of Arizona, College of Medicine/Department of Surgery, Phoenix, AZ, USA
   4University of Texas Southwestern Medical School, Pediatric Surgery, Houston, TX, USA
   5UT Houston-Memorial Hermann, Center for Healthcare Quality and Safety, Houston, TX, USA
   6Ochsner Hospital for Children, Pediatric Surgery, New Orleans, LA, USA
   7Boston Children’s Hospital, Pediatric Surgery, Boston, MA, USA

13.07. The Effect of Hospital Volume on Patient Outcomes for Pyloric Stenosis. C. Tom1, C. Nilno2, A. D. Lee3, E. Saab3, S. Friedlander1, S. L. Lee1,2,3
   1Harbor-University of California Los Angeles Medical Center, Department of Surgery, Torrance, CA, USA
   2University of California Los Angeles, Department of Surgery, Los Angeles, CA, USA
   3Los Angeles Biomedical Research Institute, Torrance, CA, USA

13.08. Put a Ring on it: Better Pediatric Pre-Induction Checklist Adherence Observed with Parent Engagement. D. N. Supak1,2, M. A. Bartz-Kurycki3, K. T. Anderson1, S. N. Wythe4, G. M. Garwood1, R. F. Martin6, R. Gutierrez1, A. L. Kawaguchi7, K. P. Lally1, K. Tsao1,2
   1McGovern Medical School, University Of Texas Health Sciences Center At Houston, Pediatric Surgery, Houston, TX, USA
   2University of Cincinnati, College of Medicine, Cincinnati, OH, USA
   3University of Texas Southwestern Medical School, Pediatric Surgery, Houston, TX, USA
   4UT Houston-Memorial Hermann, Center for Healthcare Quality and Safety, Houston, TX, USA
   5Ochsner Hospital for Children, Pediatric Surgery, New Orleans, LA, USA
   6Boston Children’s Hospital, Pediatric Surgery, Boston, MA, USA
   7Boston Children’s Hospital, Pediatric Surgery, Boston, MA, USA

13.09. Surgical safety checklists in children’s surgery: Surgeon’s attitudes and a review of the literature. J. Roybal1, K. Tsao1,2, S. Rangel1, M. Ottosen1, D. Skarda1, L. Berman1
   1UTHealth Medical School, Pediatric Surgery, Houston, TX, USA
   2UT Houston-Memorial Hermann, Center for Healthcare Quality and Safety, Houston, TX, USA
   3Boston Children’s Hospital, Pediatric Surgery, Boston, MA, USA
   4Nemours/Alfred I. DuPont Hospital for Children, Pediatric Surgery, Wilmington, DE, USA
   5Primary Children’s Hospital, Pediatric Surgery, Salt Lake City, UT, USA
   6Harvard Medical School, Pediatric Surgery, Boston, MA, USA
   7University of Utah, Pediatric Surgery, Salt Lake City, UT, USA
   8Children’s Memorial Hermann, Pediatric Surgery, Houston, TX, USA

13.10. Approaches and Safety Profile of Surgical Treatment of Velopharyngeal Insufficiency Using NSQIP. A. D. Chen1, B. N. Tran1, C. Z. Ruan1, B. T. Lee1, O. Ganor1
   1Beth Israel Deaconess Medical Center, Plastic and Reconstructive Surgery, Boston, MA, USA
   2Boston Children’s Hospital, Plastic and Reconstructive Surgery, Boston, MA, USA

13.11. Typhoid Intestinal Perforation: Burden & Outcomes of a Neglected Pediatric Surgical Disease in Uganda. M. Cheung1, J. M. Healy1, N. Kakembo1, A. Muzira2, P. Kisa2, J. Sekabira1, D. Ozgediz1,2
   1Yale University School of Medicine, Surgery, New Haven, CT, USA
   2Mulago Hospital, Makerere University, Surgery, Kampala, Uganda

   1Indiana University School of Medicine, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA
   2Indiana University School of Medicine, Department of Surgery, Indianapolis, IN, USA
   3R.L. Roudebush VA Medical Center, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA


13.15. Pediatric Surgical Risk Assessment Tools: A Systematic Review. D. Ji, S. L. Goudy, M. V. Raval, N. P. Rao. Merck University School of Medicine, Savannah, GA, USA. Emory University School of Medicine, Children’s Healthcare of Atlanta, Division of Pediatric Otolaryngology, Department of Otalaryngology - Head and Neck Surgery, Atlanta, GA, USA. Emory University School of Medicine, Children’s Healthcare of Atlanta, Division of Pediatric Surgery, Department of Surgery, Atlanta, GA, USA.

13.16. Stop the Radiation: Limiting Chest CT scans in the Pediatric Trauma Patient. S. Azari, T. Hoover, M. Browne. Lehigh Valley Health Network, Pediatric Surgical Specialties, Allentown, PA, USA. University of South Florida College of Medicine, Tampa, FL, USA.


14.08. Risk Factors for Trauma Readmissions: Everything Matters. S. O. Dennis, J. K. Carner, D. T. Elson, E. R. Hau, J. V. Skarabotu, K. A. Stevenson, C. Jones. East Carolina University Brody School of Medicine, Greenville, NC, USA. Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA.


14.10. A 5-Year Analysis of a Hospital-Based Violence Prevention Program. E. A. Bryant, M. Castro-Angeles, D. Nehra, M. Chadwick, R. Ramsisi, L. A. Benedict, R. Askari, A. Salim. Brigham and Women’s Hospital, Division of Trauma, Burn, and Surgical Critical Care, Department of Surgery, Boston, MA, USA. Children’s Mercy Hospital- University of Missouri Kansas City, Kansas City, MO, USA.


14.13. The Effect of Race and Insurance Status on Bicycle Trauma Outcomes in Adults. H. Chen, K. Haines, T. Zens, B. Brummeyer, S. Agarwal, J. E. Scarborough. University of Wisconsin School of Medicine and Public Health, Department of Surgery, Division of Trauma and Acute Care Surgery, Madison, WI, USA. University of Wisconsin, School of Medicine and Public Health, Madison, WI, USA.

14.15. Risk factors and economic implications of opioid poisoning in trauma. W. C. Kethman\textsuperscript{1}, L. Sceats\textsuperscript{1}, L. Tennakoon\textsuperscript{1}, K. L. Staudenmayer\textsuperscript{1} \textsuperscript{1}Stanford University, Division of Trauma and Critical Care, Palo Alto, CA, USA

14.17. Disaster Response In the Operative Suite. R. Fraze\textsuperscript{1}, H. Papaconstantinou\textsuperscript{1}, R. Frazee\textsuperscript{1} \textsuperscript{1}Scott & White Healthcare, Surgery, Temple, Texas, USA

15.01. Rigid Sigmoidoscopy is Diagnostically Superior to CT for Penetrating Rectal Injury. M. J. Chaudhary\textsuperscript{1}, R. Smith\textsuperscript{1}, G. Victorino\textsuperscript{1} \textsuperscript{1}UCSF-East Bay, Surgery, Oakland, CA, USA \textsuperscript{2}Emory University, Surgery, Atlanta, GA, USA

15.02. Obese Patients Have a Higher Need for Dialysis After Trauma. A. Grigorian\textsuperscript{1}, N. T. Nguyen\textsuperscript{1}, B. Smith\textsuperscript{1}, B. J. Williams\textsuperscript{1}, S. Schub\textsuperscript{1}, V. Joe\textsuperscript{1}, D. Ellenbein\textsuperscript{1}, J. Nahmias\textsuperscript{1} \textsuperscript{1}University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA

15.03. Supratherapeutic INR in the Elderly Trauma Patient: Is It Lethal?. D. Sharma\textsuperscript{1}, L. Sadi\textsuperscript{1}, A. Rogers\textsuperscript{1}, G. Filosa\textsuperscript{1}, Q. Yan\textsuperscript{1}, R. Shadis\textsuperscript{1}, R. Josloff\textsuperscript{1}, T. Vu\textsuperscript{1} \textsuperscript{1}Abington Memorial Hospital, Abington, PA, USA

15.04. The Positive Impact of Methadone Treatment on Trauma Patient Outcomes. S. M. Miller\textsuperscript{1}, S. N. Lueckel\textsuperscript{1}, D. S. Hefferenan\textsuperscript{1}, A. H. Stephen\textsuperscript{1}, M. D. Connolly\textsuperscript{1}, T. Kheirbek\textsuperscript{1}, W. G. Cioffi\textsuperscript{1}, C. A. Adams\textsuperscript{1}, S. F. Monaghan\textsuperscript{1} \textsuperscript{1}Brown University School of Medicine, Surgery, Providence, RI, USA

15.07. National Trends in Use and Outcomes of Nonoperative Management versus Splenectomy at Trauma Hospitals. T. Bongiovanni\textsuperscript{1}, A. Stey\textsuperscript{1}, A. Conroy\textsuperscript{1}, C. Wyboum\textsuperscript{1}, R. A. Callcut\textsuperscript{1} \textsuperscript{1}University of California - San Francisco, Zuckerberg San Francisco General Hospital, Department of Surgery, General and Trauma Surgery, San Francisco, CA, USA

15.08. Outcomes After TBI in Patients on P2Y12 Inhibitors: Is There a Need for Platelet Transfusion?. F. S. Jehan\textsuperscript{1}, M. Zeeshan\textsuperscript{1}, A. Jain\textsuperscript{1}, T. O’Keeffe\textsuperscript{1}, N. Kulvatunyoo\textsuperscript{1}, A. Tang\textsuperscript{1}, L. Gries\textsuperscript{1}, E. Zakaria\textsuperscript{1}, B. Joseph\textsuperscript{1} \textsuperscript{1}University of Arizona, Tucson, AZ, USA

15.09. Blunt Cerebrovascular Injury: Does Early Therapy Alter Injury Grade?. A. Kaple\textsuperscript{1}, I. Catanescu\textsuperscript{1}, M. C. Spalding\textsuperscript{1} \textsuperscript{1}Grant Medical Center, Truanya. Columbus, OHIO, USA \textsuperscript{2}Ohio University, Heritage College of Osteopathic Medicine, Dublin, OHIO, USA

15.10. End of Life Decision Making for Geriatric Trauma Intensive Care Patients. M. Wooster\textsuperscript{1}, A. Stassi\textsuperscript{1}, J. Kurtz\textsuperscript{1}, J. Hill\textsuperscript{1}, M. Bonta\textsuperscript{1}, M. C. Spalding\textsuperscript{1} \textsuperscript{1}Grant Medical Center, Trauma and Acute Care Surgery, Columbus, OH, USA \textsuperscript{2}Doctor’s Hospital, General Surgery, Columbus, OH, USA \textsuperscript{3}Indiana University School of Medicine, Trauma and Acute Care Surgery, Indianapolis, IN, USA \textsuperscript{4}University of South Carolina, Palmetto Health-Richland, Trauma and Acute Care Surgery, Columbia, SC, USA \textsuperscript{5}Riverside Methodist Hospital, Trauma and Acute Care Surgery, Columbus, OH, USA

15.11. Obesity is Associated with Increased Lower Extremity Injuries in Frontal Motor Vehicle Collisions. K. He\textsuperscript{1}, N. Wang\textsuperscript{2}, P. Zhang\textsuperscript{1,2}, S. Holcombe\textsuperscript{1,2}, S. Wang\textsuperscript{1,2} \textsuperscript{1}International Center for Automotive Medicine, Ann Arbor, MI, USA \textsuperscript{2}University of Michigan, Department of Surgery, Ann Arbor, MI, USA

15.12. Penetrating Cardiac Trauma: A Ten-Year Experience at a Regional Trauma Center. J. A. Enriquez\textsuperscript{1}, R. M. Clark\textsuperscript{1}, B. B. Coffman\textsuperscript{1}, S. W. Lu\textsuperscript{1}, S. D. West\textsuperscript{1}, M. Wang\textsuperscript{1}, T. R. Howdeshell\textsuperscript{1} \textsuperscript{1}University of New Mexico HSC, Department of Surgery, Albuquerque, NM, USA \textsuperscript{2}University of New Mexico HSC, Department of Pathology, Albuquerque, NM, USA \textsuperscript{3}University of New Mexico HSC, School of Medicine, Albuquerque, NM, USA

15.13. Persistent Lactic Acidemia at 12 Hours: Greater Mortality and Length of Stay in Pediatric Trauma. O. M. Kassar\textsuperscript{1}, J. S. Young\textsuperscript{1} \textsuperscript{1}University of Virginia, Division of Acute Care & Trauma Surgery, Charlottesville, VA, USA

15.14. Intravenous+Inhaled Colistin Vs. Intravenous Monotherapy for Multi-Resistant Gram-Negative Pneumonia. W. Terzi\textsuperscript{1}, S. P. Stawicki\textsuperscript{1}, L. E. Bratis\textsuperscript{2}, M. Turkc\textsuperscript{2}, N. D. Civic\textsuperscript{2}, C. V. Murphy\textsuperscript{2} \textsuperscript{1}St. Luke’s University Health Network, Department of Pharmacy, Bethlehem, PA, USA \textsuperscript{2}St. Luke’s University Health Network, Center for Critical Care, Bethlehem, PA, USA \textsuperscript{3}St. Luke’s University Health Network, Department of Surgery, Bethlehem, PA, USA \textsuperscript{4}Ohio State University, Department of Pharmacy, Columbus, OH, USA

15.15. Outcomes of Trauma in Patients with Mental Illness: A Survey of the National Trauma Data Bank. R. E. Plevin\textsuperscript{1}, A. Conroy\textsuperscript{1}, C. Juillard\textsuperscript{1}, M. L. Reppucci\textsuperscript{1}, N. A. Christophserson\textsuperscript{1}, J. M. Prince\textsuperscript{1} \textsuperscript{1}North Shore University and Long Island Jewish Medical Center, Pediatric Surgery, Manhasset, NY, USA \textsuperscript{2}Maimonides Medical Center, Surgery, Brooklyn, NY, USA

15.17. Outcomes After Massive Transfusion In Trauma Patients: Variability Among Trauma Centers. M. Hamidi\textsuperscript{1}, M. Zeeshan\textsuperscript{1}, A. Tang\textsuperscript{1}, E. Zakaria\textsuperscript{1}, L. Gries\textsuperscript{1}, T. O’Keeffe\textsuperscript{1}, N. Kulvatunyoo\textsuperscript{1}, A. Jain\textsuperscript{1}, B. Joseph\textsuperscript{1} \textsuperscript{1}University of Arizona, Tucson, AZ, USA

15.18. Less Than Stringent Glycemic Control Is Associated with Worse Outcomes in Trauma Patients. M. Rajaee\textsuperscript{1}, P. Bosarge\textsuperscript{1}, R. Griffin\textsuperscript{1}, G. McGwin\textsuperscript{1}, J. Jansen\textsuperscript{1}, J. Kerby\textsuperscript{1} \textsuperscript{1}UAH,Division of Acute Care Surgery, Department of Surgery, School of Medicine, Birmingham, ALABAMA, USA \textsuperscript{2}UAH,Department of Epidemiology, School of Public Health, Birmingham, ALABAMA, USA \textsuperscript{3}UAH,Division of Acute Care Surgery, Department of Surgery, School of Medicine, Birmingham, ALABAMA, USA \textsuperscript{4}UAH,Department of Epidemiology, School of Public Health, Birmingham, ALABAMA, USA

15.19. Needs Assessment of Bleeding Control Training In Law Enforcement. J. Bailey\textsuperscript{1}, M. Iwanicki\textsuperscript{1}, D. H. Livingston\textsuperscript{1}, A. Fox\textsuperscript{1} \textsuperscript{1}New Jersey Medical School, Newark, NJ, USA

15.20. The Utility of Shock Index In Trauma To Predict the Need for Massive Blood Transfusion Protocol. R. Latifi\textsuperscript{1}, E. Tilley\textsuperscript{1}, D. Samson\textsuperscript{1}, A. A. El-Menyar\textsuperscript{1} \textsuperscript{1}Westchester Medical Center, Surgery, Valhalla, NY, USA
16. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 3

MODERATORS: John A. Harvin, MD & Joseph V. Sakran, MD, MPH

16.01. Trauma Center Transfer of Elderly Patients with Mild Traumatic Brain Injury Improves Outcomes. A. M. Velzé1, S. G. Frangos2, C. J. DiMaggio3, C. D. Berry3, M. Bukur2 “New York University School of Medicine, Department of Surgery, New York, NY, USA “New York University School of Medicine, Department of Surgery, Division of Trauma and Acute Care Surgery, New York, NY, USA “New York University School of Medicine, Department of Population Health, New York, NY, USA

16.02. Risk of Recurrent Pneumothorax and Does it Really Matter?. A. F. Eglebede1, B. W. Carr1, B. L. Zarzaur1, S. A. Savage1 “Indiana University School of Medicine, Indianapolis, IN, USA

16.03. Aspirin Versus Low-Molecular Weight Heparin for VTE Prophylaxis After Lower Extremity Trauma. M. Mazzei1, M. Uotahra1, S. Pasch1, E. Dauer1, Z. Maher1, L. L. Mason1, A. Pathak1, T. Santora1, L. O. Spholm1, A. J. Goldberg1, J. M. Lopez1 “Temple University Hospital, Department of Surgery, Philadelphia, PA, USA “Temple University, Lewis Katz School of Medicine, Philadelphia, PA, USA

16.04. REBOA: How Many Patients Are We Missing? Assessing the Need in a Large Urban Trauma Center. R. P. Dumas1, D. N. Holena1, B. P. Smith1, M. J. Seamon1, P. M. Reilly1, Z. Qasim1, J. W. Cannon1 “University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA “University of Pennsylvania, Division of Emergency Medicine, Philadelphia, PA, USA

16.05. Psosas Muscle Area Index May Not Predict Outcomes in Trauma Patients. A. Santor1, E. Otoo1, A. Salami1, R. Smith1, A. Josh1 “Albert Einstein Medical Center, Surgery, Philadelphia, PENNSYLVANIA, USA “Albert Einstein Medical Center, Radiology, Philadelphia, PENNSYLVANIA, USA

16.06. Traumatic Atlanto-Occipital Dissection: No Longer a Death Sentence. D. M. Filiberto1, J. P. Sharpe1, M. A. Croce1, T. C. Fabian1, L. J. Magnotti1 “University of Tennessee Health Science Center, Surgery, Memphis, TN, USA

16.07. Weight-Adjusted Exonaparin Decreases Venous Thromboembolism? Rates in Trauma Patients. P. Martinez Quinones1, A. Talukder1, R. Latremouille1, T. Robinson1, A. Newsome1, C. White1 “Medical College of Georgia, Surgery, Augusta, GA, USA “Medical College of Georgia, Pharmacy, Augusta, GA, USA “Medical College of Georgia, Augusta, GA, USA

16.08. Walking Under the Influence: Pedestrians Struck by Vehicles Are Commonly Intoxicated. M. Srou1, T. Li1, D. N. Dhillon1, K. Patel1, E. Gillette1, D. R. Margulies1, E. J. Ley1, G. Barmaparas1 “Cedars-Sinai Medical Center, Los Angeles, CA, USA

16.09. How timing of surgical airway impacts in-hospital mortality in medical patients in US hospitals. I. Yi1, G. Ortega2, M. F. Nunez2, E. E. Cornwell3, M. Williams3 “Howard University College of Medicine, Washington, DC, USA “Howard University College of Medicine, Department of Surgery, Washington, DC, USA “Howard University College of Medicine, Clive O. Callender, MD Howard-Harvard Outcomes Research Center, Washington, DC, USA

16.10. Provider Beliefs and Practice for the Use of Long-Acting Pain Medication in the Adult Burn Patient. K. Sloan1, J. Cartwright2, J. Liao2, Y. M. Liu2, K. S. Romanowski2 “University of Iowa Hospitals and Clinics, Department of Surgery, Iowa City, IA, USA “University of Michigan, Ann Arbor, MI, USA

16.11. When We Take the Time to Look: Completion Angiography After Major Vascular Injury Repair. S. A. Moore1, J. P. Hazelton2, Z. Maher1, B. L. Frank1, J. W. Cannon1, D. N. Holena1, D. N. Martin1, A. Goldenberg-Sandau1, M. J. Seamon1 “Geisinger Health System, General Surgery, Scranton, PA, USA “University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA “Temple University, Division of Trauma & Surgical Critical Care, Philadelphia, PA, USA “Cooper University Hospital, Division of Trauma Surgery, Camden, NJ, USA


16.13. Thyroid Trauma – Incidence, Mortality, and Concomitant Injury. D. Spencer1, A. Grigorian1, S. Schub1, K. Awad1, D. Elfenbein1, T. Dogar1, J. Nahmias1 “University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA

16.14. Using Injury Severity Score to Determine Venous Thromboembolism Risk in Trauma Patients. T. E. Hereford1, S. Ray1, R. D. Robertson1, M. K. Kimbrough1 “University of Arkansas for Medical Sciences, Little Rock, AR, USA

16.15. Diminished Physiologic Reserve Predicts Mortality in the Underweight Following Hemorrhagic Shock. J. O. Hwabje1, B. Adesibikan1, T. A. Oyetunji1, O. Omo1, C. E. Nembhard1, M. Williams1, E. E. Cornell III1, W. R. Greene2 “Howard University College of Medicine, Surgery, Washington, DC, USA “Children’s Mercy Hospital- University of Missouri Kansas City, Surgery, Kansas City, MO, USA “Emory University School of Medicine, Atlanta, GA, USA

16.16. Clinical Outcomes In Patients Requiring Dialysis After Trauma: A National Trauma Database Analysis. A. E. Siletz1, J. Grotts1, C. E. Lewis1, A. Tillo1, H. Crey1, A. Cheaito1 “University of California - Los Angeles, Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA “University of California - Los Angeles, UCLA Department of Medicine Statistics Core, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

16.17. Current Nutritional Practices and Associated Outcomes in Critically-Ill Trauma Patients. B. E. Haac1, R. Van Besien1, R. Jenkins1, A. Geyer1, J. Diaz1, D. Stein1 “University of Maryland, R Adams Cowley Shock Trauma Cener, Baltimore, MD, USA “Air Force Institute of Technology (AFIT/ENC), Wright-Patterson AFB, OHIO, USA

16.18. Outcomes and Hospital Resource Utilization in Older Adult Patients After Motor Vehicle Crashes. P. P. Patel1, L. Gryder1, C. McNicol1, C. Katona1, P. McGrew1, P. Chestovich1, J. Fildes1, D. Kuhl1 “University of Nevada, Trauma & Critical Care, Las Vegas, NEVADA, USA

16.19. The Influence of Pancreatic Division Technique on Pancreatic Leak Rates Following Traumatic Injury. P. Hu1, R. Uhlch1, J. Kerby1, P. Bosarge1 “University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA
17.10. Effect of preoperative liquid diet on liver volume and MRI estimated proton density fat fraction. T. SUZUKI, R. B. Luo, J. C. Hooker1, Y. Covarrubias1, T. Wolfsorn1, S. Schlein1, S. Liu1, J. B. Schwimmer1, L. M. Funk1, J. A. Greenberg2, G. M. DeCamp3, B. J. Sandler1, S. Horgan1, S. B. Reeder1, C. B. Stiles1, G. R. Jacobsen1 1University of California - San Diego, Division of Minimally Invasive Surgery, Department of Surgery, San Diego, CA, USA 2University of California - San Diego, Liver Imaging Group, Department of Radiology, San Diego, CA, USA 3University of California - San Diego, Division of Gastroenterology, Hepatology, and Nutrition, Department of Pediatrics, San Diego, CA, USA

17.07. Type of Fundoplication Is Not Associated with Persistent Dysphagia Following Anti-reflux Surgery. K. Vande Walle1, L. M. Funk1, Y. Xu1, J. Greenberg1, A. Shada1, A. Lidor1 1University of Wisconsin, Department of Surgery, Madison, WI, USA

17.06. Pre-Operative Weight-loss on a Liver Shrink Diet Predicts Early Weight-loss after Bariatric Surgery. A. D. Jallilvand1, J. Sojka1, B. J. Needledman1, S. F. Noria1 1Ohio State University, General and Gastrointestinal Surgery, Columbus, OH, USA

17.05. Stratification by Age Improves Accuracy of ACS Risk Calculator for Paraesophageal Hernia Repair. A. D. Jallilvand1, M. Al-Mansour1, K. A. Perry1 1Ohio State University, General and Gastrointestinal Surgery, Columbus, OH, USA

17.04. National evaluation of adherence to quality measures in esophageal cancer. A. Adhia1, J. Feinglass1, K. Engelhardt1, M. DeCamp1, D. Odell1 1Northwestern University, Chicago, IL, USA

17.03. Discrepancies Between Physician and Midlevel Provider Attitudes on Bariatric Surgery. S. M. Wrenn1, V. Shah1, P. W. Callas1, W. Abu-Jaish1 1University of Vermont College of Medicine / Fletcher Allen Health Care, Burlington, VT, USA

17.02. New Onset Alcohol Use Disorder Following Bariatric Surgery. C. Holliday1, M. Sesrine1, N. Ibrahim1, M. Alameddine1, J. Brennan1, A. A. Ghaferi1 1University of Michigan, Ann Arbor, MI, USA

17.01. Effect of preoperative liquid diet on liver volume and MRI estimated proton density fat fraction. T. SUZUKI, R. B. Luo, J. C. Hooker1, Y. Covarrubias1, T. Wolfsorn1, S. Schlein1, S. Liu1, J. B. Schwimmer1, L. M. Funk1, J. A. Greenberg2, G. M. DeCamp3, B. J. Sandler1, S. Horgan1, S. B. Reeder1, C. B. Stiles1, G. R. Jacobsen1 1University of California - San Diego, Division of Minimally Invasive Surgery, Department of Surgery, San Diego, CA, USA 2University of California - San Diego, Liver Imaging Group, Department of Radiology, San Diego, CA, USA 3University of California - San Diego, Division of Gastroenterology, Hepatology, and Nutrition, Department of Pediatrics, San Diego, CA, USA 4University of Wisconsin, Departments of Radiology, Medical Physics, Biomedical Engineering, Medicine and Emergency Medicine, Madison, WI, USA 5University of Wisconsin, Department of Surgery, Madison, WI, USA 6Virginia Commonwealth University, Division of Bariatric and GI Surgery, Richmond, VA, USA

17.11. Esophageal Function and Obesity. J. U. Nguyen1, K. Feng1, J. P. Callaway2, B. L. Corey1, J. M. Grams3 1University of Alabama at Birmingham, Division of Gastrointestinal Surgery/Department of Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Department of Medicine, Birmingham, Alabama, USA

17.10. Gender Discrepancies in Bariatric Procedures Despite Increased Qualification and Referrals. E. M. Masterson1, F. Haelperin1, A. Tahakorki1 1Wake Forest University School of Medicine, Winston-Salem, NC, USA 2Brigham and Women's Hospital, Boston, MA, USA

17.09. Readmission Following Laparoscopic Bariatric Surgery. J. P. Callaway2, B. L. Corey1, J. M. Grams3 1University of Alabama at Birmingham, Division of Gastrointestinal Surgery/Department of Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Department of Medicine, Birmingham, Alabama, USA

17.08. Readmission Following Laparoscopic Bariatric Surgery Using the MBSAQIP Database. K. Feng1, J. S. Richman1, B. L. Corey1, R. D. Stahl1, J. M. Grams1 1University of Alabama at Birmingham, Division of Gastrointestinal Surgery/Department of Surgery, Birmingham, Alabama, USA

17.07. Type of Fundoplication Is Not Associated with Persistent Dysphagia Following Anti-reflux Surgery. K. Vande Walle1, L. M. Funk1, Y. Xu1, J. Greenberg1, A. Shada1, A. Lidor1 1University of Wisconsin, Department of Surgery, Madison, WI, USA

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SCIENTIFIC PROGRAM
Tuesday, January 30, 2018

18. EDUCATION QUICKSHOT SESSION 1

18.01. A Competency-Based Curriculum to Teach and Assess the Fundamental Skills of Open Surgery (FSS). J. W. Menard1, F. Sharifi1, W. Goering1, A. Deladismat1, R. Darnsworth1, D. S. Lind1 1University of Florida-Jacksonville, General Surgery, Jacksonville, FL, USA 2Wellspan Health York Hospital, General Surgery, York, PA, USA

18.02. Barriers to Reporting Needlestick Injuries Among Surgical Residents. K. Kapp2, M. Mendez2, A. Bors2, R. Corn1, F. Sharifi1, F. Alemi1 1University of Missouri Kansas City, Department of Surgery, Kansas City, MO, USA

18.03. Women in Surgical Academia: Is Underrepresentation due to Lack of Competitive Inflow?. M. D. Moore1, K. D. Gray4, J. Abel1, D. Fehling1, T. J. Fahey1, T. Beninato1 1Weill Cornell Medicine, Surgery, New York, NY, USA

18.04. Academic Surgery or Community Practice: What’s Driving Decision Making and Career Choices?. B. J. Goudreau1, T. E. Hassinger1, A. Schroen1, T. L. Hedrick1, C. L. Slingluff1, L. T. Dengel1 1University of Virginia, General Surgery, Charlottesville, VA, USA

18.05. Residents Teaching Residents: An Innovative Curriculum with Demonstrated Durability in Learning. B. P. Kline1, K. A. Mirkin1, L. R. Myers1, S. R. Allen1 1Penn State University College of Medicine, Hershey, PA, USA

18.06. Program Directors’ Knowledge of Opioid Prescribing Regulations for Residents: A Survey Study. B. J. Raygor1, E. Bryant1, G. A. Brat1, D. S. Smink1, M. Crandall1, B. K. York1 1University of Florida-Jacksonville, Division of Acute Care Surgery, Jacksonville, FL, USA 2Brigham and Women’s Hospital, Surgery, Boston, MA, USA 3Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA

18.07. Surgical Resident Use of Google™ and YouTube™ for OR Preparation. A. Khalifeh1, B. Buckingham1, R. Kantar1, E. Reardon1, S. Kidd-Romero1, K. Luumpkins2, S. M. Kavic2 1University of Maryland Medical Center, Department of Surgery, Baltimore, MD, USA 2University of Maryland, School of Medicine, Baltimore, MD, USA

18.08. Innovative Teaching Strategies for Surgery Resident Education Sessions. A. Awe1, M. Burger1, A. C. Abrams1, G. Calditto1, Q. Chu1, N. Samra1 1Louisiana State University Health Sciences Center-Shreveport, General Surgery, Shreveport, LA, USA

18.09. Measuring Burnout in Surgical Residents: Do Traditional Indices Accurately Represent the Issue?. C. R. Coverley1, J. Tieman1, M. Chang1, D. Cole1, O. Osuchukwu1, T. S. Riall1 1Banner University Medical Center - Tucson - Banner Health, Surgery, Tucson, AZ, USA

18.10. Does Resident Competition Within Question Banks Affect ABITE Scores?. K. Hudak1, J. Porterfield1, H. Chen2, J. White2 1University of Alabama at Birmingham, School of Medicine, Birmingham, AL, USA 2University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

18.11. Five-year Audit of Trainee-focused Program for Surgical Management of Peritoneal Dialysis Catheters. V. Kurbatov1, C. Ibarra1, R. Haywood1, P. S. Yoo1 1Yale University School of Medicine, General Surgery, New Haven, CT, USA

18.12. How Well Would Digitally Native Surgery Residents Adapt to a Hospital Ransomware Attack?. J. Zhao1, E. Kessler1, C. Cooper1, J. Brewer1, S. Schweitzberg1, W. A. Guo1 1State University of New York at Buffalo, Buffalo, NY, USA

18.13. An Interdisciplinary Approach to Surgical Skills Training Decreases Programmatic Costs. M. Snyder1, J. D’Angelo1, J. Bleedorn2, R. Hardie1, E. Foley1, J. A. Greenberg1 1University of Wisconsin, Department of Surgery, Madison, WI, USA 2University of Wisconsin, School of Veterinary Medicine, Madison, WI, USA

18.14. Surgical Residents Wellbeing and Life Satisfaction: A description of general surgery residents’ lifestyle. O. O. Osuchukwu1, J. Tieman1, H. McClafferty1, M. Chang1, C. Coverley1, D. Cole1, T. S. Riall1 1University of Arizona, Department of Surgery, Tucson, AZ, USA 2University of Arizona, Arizona Center for Integrative Medicine, Tucson, AZ, USA

18.15. Surgical Intern Case Volume Growth in the First Year of Post-graduate Training.. I. A. Woolfe1, D. Strosberg1, S. Abdel-Misih1, A. Harzman1 1Ohio State University, Department of Surgery, Columbus, OH, USA 2Ohio State University, Surgical Oncology, Columbus, OH, USA 3Ohio State University, Colon and Rectal Surgery, Columbus, OH, USA

18.16. Terrorism and the Challenges of Surgical Training in a Third World Country. A. S. Saeedi1, F. G. Qureshi1 1UT Southwestern Medical Center, Division of Pediatric Surgery, Dallas, TX, USA 2Services Institute of Medical Sciences, General Surgery, Lahore, PUNJAB, Pakistan

18.17. Evaluating System-Based Financial Knowledge of General Surgery Residents. L. Ferro1, E. Green2, C. Muncie2, D. Parrish1, L. Boom1 1VCU Medical Center, Surgery, Richmond, VA, USA 2University of Mississippi Medical Center, Surgery, Jackson, MS, USA

18.18. Do Residents Know Duty Hour Limits? How Communicating and Interpreting Duty Hours Impacts Compliance. R. R. Love1, A. Dahlke1, L. Kreutzer1, D. B. Hewitt1, K. Y. Bilimoria1, J. K. Johnson1 1Thomas Jefferson University, Surgery, Philadelphia, PA, USA 2Northwestern University, Surgical Outcomes and Quality Improvement Center (SOQIC), Chicago, IL, USA

18.19. Current Trends in Training in the Surgical Management of Acute Appendicitis at a Veteran Affairs Hospital.. M. Ruiz1, S. Huerta2 1University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA 2VA North Texas Health Care System, Dallas, TX, USA

18.20. A Pilot Study of Surgical Resident Familiarity with Value in Healthcare and Surgery. G. T. Fankhauser1, J. Perone1, P. Roughneen1 1University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA

9:30 AM - 10:00 AM  Morning Break in Exhibit Area

ACOSTA
SCIENTIFIC PROGRAM
Tuesday, January 30, 2018

10:00 AM - 10:15 AM Opening Comments
Rebecca S. Sippel, MD, AAS President &
Taylor S. Riall, MD, PhD, SUS President
GRAND BALLROOM 4-5

10:15 AM - 10:45 AM SUS Lifetime Achievement Award
Courtney M. Townsend, Jr., MD
Professor
Robertson-Poth Distinguished Chair in General Surgery
University of Texas Medical Branch
INTRODUCTION BY: Dai H. Chung, MD
GRAND BALLROOM 4-5

10:45 AM - 11:30 AM SUS PRESIDENTIAL ADDRESS: “Enjoy the Journey”
Taylor S. Riall, MD, PhD
Acting Chair, Department of Surgery
Chief, Division of General Surgery/Surgical Oncology
Professor, Surgery
The University of Arizona
INTRODUCTION BY: Allan Tsung, MD, SUS President-Elect
GRAND BALLROOM 4-5

A career in surgery is both highly rewarding and personally challenging. A successful surgical career and happiness are not mutually exclusive. As surgeons’ lives and responsibilities change, their priorities shift as well and they must make changes consistent with those priorities to maintain their career/personal satisfaction and continue to enjoy the journey. This talk will focus on lessons learned from a single surgeon’s journey and will focus on the role of mindfulness, self-awareness, and emotional intelligence as tools to help surgeons develop resiliency and respond rather than react to the stress inherent in their environment in a way that promotes their wellbeing.

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify the challenges in medicine, their career, and personal lives that are currently creating stress and challenging their wellbeing.
• Understand the concepts of mindfulness, self-awareness, and emotional intelligence and use these tools to set priorities and define their own success.
• Identify personal strategies to improve work-life integration and career satisfaction.

11:30 AM - 1:00 PM HOT TOPIC LUNCH SESSION 1:
“#SoMe 2.0 – Building an Academic Career in the World of Social Media”
GRAND BALLROOM 1-3

MODERATOR: Niraj Gusani, MD, MS & Christian Jones, MD
SPEAKERS: Justin Dimick, MD, MPH, Amalia Cochran, MD, Joseph V. Sakran, MD, MPA, MPH, Jamie Coleman, MD, Deanna Attai, MD, & Thomas K. Varghese, Jr. MD, MS

Social media has revolutionized the way we network and engage with the public. This Hot Topic will focus on how social media can be used in your academic careers, with illustrative examples in Digital Scholarship, Surgical Education, Public Health Initiatives in the Trauma Surgery, Cancer Awareness, and Future Trends in Social Media Platforms.
• Introduction – Niraj Gusani, MD, MS
• The Science of Digital Scholarship – Justin Dimick, MD, MPH
• Social Media and the Science of Education – Amalia Cochran, MD
• Engaging the Public in Areas of Debate – Joseph V. Sakran, MD, MPA, MPH
• Public Health Initiatives in Trauma Surgery – Jamie Coleman, MD
• Social Media and the Science of Cancer – Deanna Attai, MD
• SoMe in Surgery – what is the future? – Thomas K. Varghese Jr., MD, MS
• Roundtable Discussion/Debate – Moderated by Christian Jones, MD
• Question and Answers – All Speakers
LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Understand the basic concepts of digital scholarship, including novel techniques such as the visual abstract that influence “impact factor” in advancing science.
- Assess the changing paradigms in Surgical Education, and how one can utilize Social Media in the constructs of curriculum development and simulation research.
- Recognize the barriers in engaging the Public at large on advocating for surgical issues, such as Trauma and Cancer, and how engaging with patients, providers and policy makers can be done in an academic career.
- Describe future trends in Social Media and their impact on the field of Surgery.

OR

11:30 AM - 1:00 PM

ETHICS COMMITTEE LUNCH SESSION: “Intraoperative Dilemmas in Resident Education”

SESSION CHAIRS: Sabha Ganai, MD, PhD, MPH & Scott Grant, MD, MBE

SPEAKERS: Rebecca Minter, MD, Peter Angelos, MD, PhD, Alexander Langerman, MD, MS, & Anji Wall, MD, PhD

This educational session explores ethical dilemmas that occur in the scope of teaching surgical residents in the operating room, focusing on conflicts between patient autonomy, nonmaleficence, and duty to train future surgeons. Academic surgeons who supervise residents will benefit from a series of case-based discussions supported by literature review.

- Introduction & Audience Response Questions – Sabha Ganai, MD, PhD, MPH
- Entrustment and Resident Autonomy – Rebecca Minter, MD
- Audience Response Questions – Scott Grant, MD, MBE
- Scheduling Concurrent Procedures – Peter Angelos, MD, PhD
- Audience Response Questions – Sabha Ganai, MD, PhD, MPH
- Transparency During Awake and Recorded Procedures – Alex Langerman, MD, MS
- Audience Response Questions – Scott Grant, MD, MBE
- Disclosure of Unintended Adverse Events – Anji Wall, MD, PhD
- Panel Discussion – All Speakers

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Discuss ethical principles of patient autonomy, nonmaleficence, and justice in respect to dilemmas in resident education.
- Prioritize competing duties to protect patients from harm and duties to teach residents how to operate independently.
- Summarize recommendations on performance of concurrent surgery, teaching during awake/recorded procedures, and management of ethical conflicts in resident education.

OR
SCIENTIFIC PROGRAM

Tuesday, January 30, 2018

11:30 AM - 1:00 PM

SOCIAL & LEGISLATIVE ISSUES COMMITTEE LUNCH SESSION: “Building Diversity and Equity in Academic Surgery: Current State & Strategies for Improvement”

SESSION CHAIRS: Amir A. Ghaferi, MD, MS, Kelli M. Bullard Dunn, MD, & Tracy S. Wang, MD, MPH

SPEAKERS: David McIntosh, PhD, Sabina M. Siddiqui, MD, Wayne A. I. Frederick, MD, MBA, & Jennifer F. Tseng, MD, MPH

This session will seek to further define diversity beyond the traditional areas of gender and race. Diversity means understanding that each individual is unique, and recognizing our individual differences. These can be along the dimensions of race, ethnicity, gender, sexual orientation, socio-economic status, age, physical abilities, religious beliefs, political beliefs, or other ideologies.

- Introduction – Amir A. Ghaferi, MD, MS
- Diversity Matters: Stories from a Straight, White, Cisgender Male – David McIntosh, PhD
- Praying in Stairwells – Sabina M. Siddiqui, MD
- Eliminating Echo-Chambers: The Importance of Cultural Competence and Diversity of Thought in Medicine – Wayne A. I. Frederick, MD, MBA
- One of These Things is Not Like the Others: When to Fit In and When to Stick Out – Jennifer F. Tseng, MD, MPH
- Panel Discussion

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify best practices for building a diverse department and/or team.
- Integrate the principles of diversity into team development and management.
- Develop the awareness and need for diversity and equity in one’s department or team.

1:00 PM - 2:30 PM

SUS PRESIDENTIAL SESSION: “Maintaining the Fire: Physician Wellbeing through Resilience, Intentional Culture”

SESSION CHAIR & MODERATOR: Taylor S. Riall, MD, PhD

SPEAKERS: Catherine Cheng, MD, John Chuck, MD, Gary Dunnington, MD, & Andrew Hill, MBChB, MD

The organizational transformation within healthcare has led to many changes that have adversely impacted physicians. Healthcare systems are increasingly separating us from our core mission, contributing to a decreased sense of fulfillment. As academic surgeons, we face many challenges including decreased autonomy, increased demands on clinical productivity, increased clerical responsibilities, a difficult funding environment, and difficulty integrating our personal and professional lives. In addition, traditional surgical culture compounds the problem by creating an environment that does not encourage surgeons to take care of themselves. Surgeon wellbeing is essential to maintaining the surgical workforce and to the safety and quality of the patient care we deliver.

In an April 2017 article, Bohman et al. describe three reciprocal domains of physician wellbeing: personal resilience, a culture of wellbeing, and efficiency of practice. Personal resilience is the responsibility of the physician and the other two domains represent organizational responsibilities. As surgical leaders, we have the opportunity to influence all three of these reciprocal domains. This session will focus on strategies to prevent burnout and help surgeons maintain the fire throughout their careers by positively influence all three domains of physician wellbeing. This includes teaching and practicing personal resilience, creating an intentional culture and environment that encourages surgeons to care for themselves so they can care for others, and changing the system to support physician needs.

- Introduction – Taylor S. Riall, MD, PhD
- From Coping to Thriving: Challenging the Cultural Milieu as Tribal Leaders – Catherine Cheng, MD
- Mindfulness for Surgeons: Why Should We Care? – Andrew Hill, MBChB, MD
- Departmental Core Values: Creating an Intentional Culture to Support Surgeon Development and Work-Life Integration – Gary Dunnington, MD
- Physician Resiliency and Wellbeing: A System Perspective – John Chuck, MD
- Discussion/Q&A – Taylor S. Riall, MD, PhD
LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Describe the three reciprocal domains of physician wellbeing.
- Define mindfulness, why it matters to surgeons, and how to apply these techniques to improve personal resilience and optimize performance.
- Identify their core values and the role of these values in defining departmental culture and understand the impact of culture on surgeon wellbeing.
- Identify opportunities to make system-level changes to improve practice efficiency and bring surgeons back to their core mission.

2:30 PM - 3:00 PM
SUS JOEL J. ROSLYN LECTURE:
“Attacking Pancreatic Cancer: Leveraging the Academic Surgeon’s Tools”

Herbert J. Zeh, MD
Chief, Division of Gastrointestinal Surgical Oncology
Professor and Watson Family Chair in Surgery
Co-Director, UPMC Pancreatic Cancer Center
Co-Director, Gastrointestinal Oncology Program
University of Pittsburgh

INTRODUCTION BY: Taylor Riall, MD, PhD
Pancreatic Ductal Adenocarcinoma is the 4th leading cause of cancer deaths in the US. the academic surgeon has many tools to employ in the fight to combat this deadly disease from novel pre operative therapies to innovative surgical approaches.

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Discuss the limitations to current surgical approaches to potentially resectable pancreatic cancer.
- Describe the surgeons role in evaluating novel pre-operative regimens.
- Describe the potential advantages to MIS pancreatic surgery to treatment of this disease.
- Understand the hurdles to successful adoption of robotic pancreatic surgery.

3:00 PM - 3:30 PM
LECTURE:
“Precision Surgery for Metastatic Colorectal Cancer”

Graeme Poston, DSc, FRCS
Professor of Surgery, University of Liverpool
Chair, Editorial Board, European Journal of Surgical Oncology
Consultant Surgeon, Liverpool Hepatobiliary Centre
Aintree University Hospital

INTRODUCTION BY: Taylor Riall, MD, PhD
Metastasectomy with curative intent for oligometastatic colorectal cancer is now widely practiced, however the disease recurs in up to 70% of patients after such surgery. Much has been learnt over the last decade about prognostic and predictive molecular markers of response to systemic therapies in Stage 4 colorectal cancer. This presentation will overview the role of these markers in patient selection and perioperative therapies when offering surgery to patients with liver limited colorectal cancer liver metastases.

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Determine which molecular markers are prognostic or predictive for outcome after hepatectomy for colorectal cancer metastases.
- Discuss how we can integrate these data into the established scoring systems for prognosis after such surgery.
3:30 PM - 4:00 PM  
**Afternoon Break in the Exhibit Area**

4:00 PM - 5:30 PM  
**Basic Science Plenary**

**MODERATORS:** Clifford S. Cho, MD & Allan Tsung, MD

P. P. Parikh1, R. Lassance-Soares1, H. Shao1, Z. Liu1, O. C. Velazquez1  
1University of Miami Miller School of Medicine, Surgery, Miami, FL, USA

19.02. Bioengineered Human Pancreatic Islets for the treatment of Type-I Diabetes.  
M. Schmidt1, G. Loganathan1, S. Narayan2, J. Pradeep2, M. G. Hughes3, S. K. Williams4, B. N. Appakala5  
1University of Louisville, Department of Surgery, Louisville, KY, USA

19.03. RON Kinase Inhibition Modulates the Pancreatic Cancer Microenvironment to Promote an Antitumor State.  
D. Sood1, A. Cazes1, D. Jaquish1, E. Mose1, R. French1, A. M. Lowy1  
1University of California - San Diego, Department of Surgery, Division of Surgical Oncology, Moores Cancer Center, La Jolla, CA, USA

19.04. Whole-Food Enteral Nutrition Prevents Gut Dysbiosis and Improves Outcomes in a Mouse Colitis Model.  
A. Yeh1, E. Conners2, B. Firek2, M. B. Rogers2, R. Cheek2, M. J. Morowitz2  
1University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA  
2Children’s Hospital of Pittsburgh of UPMC, Division of Pediatric General and Thoracic Surgery, Pittsburgh, PA, USA

19.05. ATAC-seq and Reciprocal Transplantation Prove Scar-Forming Behavior is Cell Intrinsic.  
A. L. Moore1,2, U. Litzenburger2, E. S. Marshall2, H. E. desJardins-Park2, B. Duoto2, S. Mascharak2, L. A. Barnes2, R. C. Ransom2, M. S. Hu2, H. Y. Chang2, H. P. Lorenz2, M. T. Longaker3, Brigham And Women’s Hospital, Department Of Surgery, Boston, MA, USA  
2Stanford University School of Medicine, Department Of Surgery, Palo Alto, CA, USA  
3University Of Hawaii, John A. Burns School Of Medicine, Department Of Surgery, Honolulu, HI, USA

19.06. CCR2 Monocytes Mobilized from Spleen Cause Neutrophil Extravasation During Lung Reperfusion Injury.  
R. Fernandez1, M. Akbarpour1, S. F. Chiu1, H. Sun1, A. Misharin1, G. S. Budinger1, A. Bharat1  
1Northwestern University, Thoracic Surgery, Chicago, IL, USA

OR

4:00 PM - 5:30 PM  
**CLINICAL and HEALTH SERVICES COMMITTEE SESSION:**  
"Selecting the Appropriate Data Source for the Question: A Review of the Most Commonly Used National Databases"

**SESSION CHAIRS:** Carrie Lubitz, MD, MPH, Arden Morris, MD, MPH, & Jennifer F. Tseng, MD, MPH

**MODERATORS:** Carrie Lubitz, MD, MPH & Arden Morris, MD, MPH

**SPEAKERS:** David C. Chang, PhD, MPH, MBA, Stefan Holubar, MD, MS, & Kyle Sheetz, MD, MS

Many outcomes/health services research careers are founded on analyses of large national databases. While experienced outcomes researchers may understand the differences and the limitations of NSQIP, NIS, Markestscan, etc., there is little guidance available to early investigators. This session will enable participants to explain and compare frequently used sources of data, recognize critical assumptions in data selection, and clarify when and why one dataset might be preferable to another.

- Introduction to the Problem – Carrie Lubitz, MD, MPH
- Uses and Limitations of Large Databases: Wish I Knew then What I Know Now – Kyle Sheetz, MD, MS
- Clinical, Cost, and Burden Analyses with Claims Data – David C. Chang, PhD, MPH, MBA
- Tapping the Power of the Electronic Medical Record – Stefan Holubar, MD, MS
- Conclusion and Panel Q/A – Arden Morris, MD, MPH

**LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Articulate strengths and limitations, including cost and access, of individual claims and clinical registry datasets.
- Produce a cogent rationale for dataset selection based on the research question.
- Critically appraise the appropriateness of datasets in papers or projects that they review.
**AAS Medical Student Quickshot Competition**

**MODERATORS:** Caprice C. Greenberg, MD, MPH & Adil H. Haider, MD, MPH

20.01. Bioengineered Human Pancreatic Islets for the treatment of Type-I Diabetes. M. Schmidt¹, G. Loganathan¹, S. Narayananchi², A. Jawahar², J. Pradipe³, M. G. Hughes⁴, S. K. Williams⁴, B. N. Appakali⁴. ¹University of Louisville, Department of Surgery, Louisville, KY, USA

20.02. the impact of ERAS protocol on Urinary Tract Infections after Free Flap Breast Reconstruction. B. Sharif-Askary¹, R. Zhao², S. Hollenbeck². ¹Duke University Medical Center, Division of Plastic and Reconstructive Surgery, Durham, NC, USA

20.03. Impact of ‘Take the Volume Pledge’ on Access & Outcomes for Gastrointestinal Cancer Surgery. R. C. Jacobs¹, S. Groth¹, F. Farjah², M. A. Wilson³, L. A. Petersen⁴, N. N. Massarweh⁵. ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA ²University of Washington, Division of Cardiothoracic Surgery, Seattle, WA, USA ³VA Pittsburgh Healthcare System, Department of Surgery, Pittsburgh, PA, USA ⁴Michael E. DeBakey Veterans Affairs Medical Center, VA HSR&D Center for Innovations In Quality, Effectiveness, and Safety, Houston, TX, USA ⁵Baylor College of Medicine, Department of Medicine, Houston, TX, USA

20.04. the Affordable Care Act’s Medicaid Expansion and Utilization of Discretionary Inpatient Surgery. A. B. Crocker⁶, A. Zeymo³⁻⁷, D. Xiao³, L. B. Johnson⁴, T. DeLeire³⁵, N. Shara³, W. B. Al-Refaie¹⁻²,³. ¹MedStar-Georgetown University Medical Center, Department of Surgery, Washington, DC, USA ²MedStar Health Research Institute, Washington, DC, USA ³MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA ⁴Georgetown-Howard Universities Center for Clinical and Translational Science, Washington, DC, USA ⁵Georgetown McCourt School of Public Policy, Washington, DC, USA

20.05. Rapamycin Inhibits Primary and Recurrent Heterotopic Ossification in Genetically Susceptible FOP Mice. C. Hwang⁶, S. Ucer⁷, C. Pagani⁷, N. Patel⁷, A. Vaishampayan¹, M. Sorkin⁷, M. T. Chung⁷, J. Li⁷, C. Breuler⁷, C. Priest⁷, A. N. Economides⁷, S. Agarwal⁷, Y. Mishinaz⁷, B. Levi⁷. ¹University of Michigan, Section of Plastic Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Biologic and Material Sciences, School of Dentistry, Ann Arbor, MI, USA ³Regeneron Pharmaceuticals and Genetics Center, Tarrytown, NY, USA

20.06. Gender Disparities in Retention and Promotion of Academic Surgeons: A Prospective National Cohort. N. Z. Wong¹, J. S. Abelson¹, M. Symer¹, H. L. Yeo¹⁻². ¹Weill Cornell Medicine, Surgery, New York, NY, USA ²Weill Cornell Medicine, Healthcare Policy and Research, New York, NY, USA

20.07. Improvements in Surgical Mortality: the Roles of Complications and Failure to Rescue. B.T. Fry¹⁻², J.R. Thumma¹, J.B. Dimick¹⁻². ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Medical School, Ann Arbor, MI, USA ³University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

20.08. Lymph Node Ratio Does Not Predict Survival after Surgery for Stage-2 (N1) Lung Cancer in SEER. D. T. Nguyen¹, J. P. Fontaine¹⁻², L. Robinson¹⁻², R. Keenan¹⁻², E. Toloza¹⁻². ¹Moffitt Cancer Center, Department of Thoracic Oncology, Tampa, FL, USA ²University of South Florida Health Morsani College of Medicine, Tampa, FL, USA

20.09. Induction Chemotherapy versus Standard Treatment for Locally Advanced Rectal Cancer. C. Nganzeu¹, J. J. Blank¹, F. Ali¹, W. Hall¹, C. Peterson¹, K. Ludwig¹, T. Ridolfi¹. ¹Medical College of Wisconsin, Department of Radiology, Milwaukee, WI, USA ²Medical College of Wisconsin, Department of Colorectal Surgery, Milwaukee, WI, USA

20.10. Medicare’s HAC Reduction Program Disproportionately Affects Minority-Serving Hospitals. C. K. Zogg¹⁻², J. R. Thumma¹, A. M. Ryan¹, J. B. Dimick¹. ¹Yale University School of Medicine, New Haven, CT, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

**AAS Resident/Fellow Quickshot Competition**

**MODERATORS:** Rebecca S. Sippel, MD & Karl Y. Bilimoria, MD

21.01. Are Residents Really Burned Out? A Comprehensive Study of Surgical Resident Burnout and Well-Being. B. Hewitt¹, J. W. Chung², A. R. Dahike¹, A. D. Yang¹, K. E. Engelhardt¹, E. Blay¹, J. T. Moskowitz¹, E. O. Cheung¹, F. R. Lewis¹, K. Y. Bilimoria¹. ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA ²Northwestern University, Osher Center for Integrative Medicine, Chicago, ILLINOIS, USA ³American Board of Surgery, Philadelphia, PENNSYLVANIA, USA

21.02. Racial and Ethnic Disparities in Promotion and Retention of Academic Surgeons. G. Eckenrode¹⁻², M. Symer¹, J. Abelson¹, A. Watkins¹, H. Yeo¹⁻². ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²Weill Cornell Medical College, Healthcare Policy, New York, NY, USA

21.03. Editorial (Spring) Board?: Gender Composition in High-Impact General Surgery Journals. C. A. Harris¹, T. Banerjee¹, M. Cramer¹, S. Manz², S. Ward³, J. B. Dimick¹, D. A. Telem². ¹University of Michigan, Division of Plastic Surgery, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Michigan Women’s Surgical Collaborative, Ann Arbor, MI, USA ³University of Michigan, Department of Surgery, Ann Arbor, MI, USA ⁴Cornell University, Ithaca, NY, USA ⁵University of Michigan, Division of Cardiac Surgery, Department of Surgery, Ann Arbor, MI, USA ⁶University of Michigan, Ann Arbor, MI, USA ⁷University of Michigan, Institute for Health Policy and Innovation, Ann Arbor, MI, USA ⁸University of Michigan, Institute for Health Policy and Innovation, Ann Arbor, MI, USA

21.04. Are General Surgery Residents Being Coerced to Exceed Duty Hour Limits? A FIRST Trial Analysis.. E. Blay¹, K. E. Engelhardt¹, B. Hewitt¹, C. Quinn¹, A. R. Dahike¹, A. D. Yang¹, K. Y. Bilimoria¹. ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA
21.06. CCR2+ Monocytes Mobilized from Spleen Cause Neutrophil Extravasation During Lung Reperfusion Injury. R. Fernandez1, M. Akbarpour1, S. F. Chiu1, H. Sun1, A. Misharin1, G. S. Budinger1, A. Bharat1 1Northwestern University, Thoracic Surgery, Chicago, IL, USA

21.07. E-selectin/AAV Gene Therapy Promotes Wound Healing in a Critical Limb Ischemia Mouse Model. P. P. Parikh1, R. Lassance-Soares1, H. Shao1, Z. Liu1, O. C. Velazquez1 1University of Miami Miller School of Medicine, Surgery, Miami, FL, USA

21.08. Should Sentinel Lymph Node Biopsy Be Recommended to All Intermediate Thickness Melanoma Patients?. A. Hanna1, A. J. Sinnamon1, R. Roses1, R. Kelz1, D. Elder1, X. Xu1, B. Pockaj1, D. Fraker2, G. Karakousis1 1University of Pennsylvania, Philadelphia, PA, USA 2Mayo Clinic, Phoenix, AZ, USA

21.09. Scholarly Activity in Academic Plastic Surgery: the Gender Difference. S. E. Sasor1, J. A. Cook1, S. P. Duquette1, T. A. Evans1, S. S. Tholpady1, M. W. Chu1, L. G. Koniaris1 1Indiana University, Plastic Surgery, Indianapolis, IN, USA

21.10. RON Kinase Inhibition Modulates the Pancreatic Cancer Microenvironment to Promote an Antitumor State. D. Sood1, A. Cazes1, D. Jaquish1, E. Mose1, R. French1, A. M. Lowy1 1University of California - San Diego, Department of Surgery, Division of Surgical Oncology, Moores Cancer Center, La Jolla, CA, USA

6:30 PM - 7:30 PM Opening Welcome Reception with Exhibitors GRAND BALLROOM FOYER

Join us for the opening Exhibit and Welcome Reception, take time to network and meet your colleagues.

7:30 PM - 9:30 PM Surgical Jeopardy GRAND BALLROOM 6-8

Institutional Teams will vie to score the most points in this hilariously executed game of knowledge.
SCIENTIFIC PROGRAM

Wednesday, January 31, 2018

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<td>6:30 AM - 7:30 AM</td>
<td>AAS/Student Mentor Breakfast (Invitation Only)</td>
<td>GRAND BALLROOM 1-3</td>
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<td>6:30 AM - 7:30 AM</td>
<td>SUS New Members Breakfast (Invitation Only)</td>
<td>GRAND BALLROOM 6-8</td>
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<td>7:30 AM - 9:30 AM</td>
<td>Integrated Oral Presentations Session I</td>
<td>CITY TERRACE 4</td>
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22. BASIC SCIENCE: HOST INFLAMMATORY RESPONSE ORAL SESSION

MODERATORS: Allan Tsung, MD & Todd W. Costantini, MD

22.01. Sleeve Gastrectomy Reverses Obesity-Induced Intestinal Immune Dysfunction  
D. A. Harris1, R. Subramaniam1, K. Heshmati1, A. Tavakkoli1, E. Sheu1  
1Brigham and Women’s Hospital, General Surgery, Boston, MA, USA

22.02. The Gut-Liver Axis: The Source of Inflammation in Aging  
F. Adiliaghdam1, F. Kuehn1, S. R. Hamarneh1, R. Vasan1, J. M. Ramirez1, E. Samarbazfadeh1, E. Liu1, Y. Liu1, R. A. Hodin1  
1Massachusetts General Hospital, General Surgery, Boston, MA, USA

22.03. Caspase-11 Mediated HMGB1 Release from the Liver Drives Immune Cell Pyroptosis in Sepsis  
W. Li1,2, M. Deng1, B. Lu1, Y. Tang1, M. Scott1, Q. Wang1, T. R. Billiar1  
1University of Pittsburgh, Surgery, Pittsburgh, PA, USA  
2The 3rd Xiangya Hospital of Central South University, Surgery, Changsha, HUNAN, China

22.04. Novel Development of Gastric Cancer Organoids from Endoscopic Biopsy Tissues  
M. Lin1, K. Hirai1, M. Choi1, D. Tzimas1, J. C. Bucobo1, J. Buscaglia1, G. V. Georgakis1, A. Sasson1, M. Gao1, J. Kim1  
1Stony Brook University Medical Center, Stony Brook, NY, USA

22.05. ST266 Attenuates Neointima Hyperplasia and Luminal Stenosis After Arterial Balloon Angioplasty  
S. Rahimpour1, X. Liu1, X. Wang1, R. Banas1, S. M. Pham1  
1Noveome Biotherapeutic, Inc., Pittsburgh, PA, USA  
2Mayo Clinic - Florida, Cardiothoracic Surgery, Jacksonville, FL, USA  
3University of Maryland, Surgery, Baltimore, MD, USA

22.06. Loss of c-Kit Function Impairs NO Mediated Vascular Relaxation in Mutant Mice  
D. R. Hernandez1, L. Song1, Z. M. Zigmund1, Y. Wei1, L. Martinez1, R. M. Lassance-Soares1, R. I. Vazquez-Padron1  
1University of Miami, Surgery, Miami, FL, USA

22.07. The Effects of Glucose and B27 Deprivation on Astrocyte Expression of Erythropoietin Receptor  
M. Eldeiry1, K. Yamanaka1, L. S. Foley1, X. Meng1, M. Aftab1, M. J. Weyant1, J. C. Cleveland1, D. A. Fullerton1, T. B. Reece1  
1University of Colorado Denver, Aurora, CO, USA

22.08. Chloroquine Ameliorates Pancreatitis through Inhibition of Neutrophil Extracellular Traps  
S. Rahimpour1, X. Wang1, D. Tzimas1, J. C. Bucobo1, J. Buscaglia1, G. V. Georgakis1, A. Sasson1, M. Gao1, J. Kim1  
1Stony Brook University Medical Center, Stony Brook, NY, USA

22.09. Modeling the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome in Sepsis  
V. Nomellini1, A. M. Pugh1, N. J. Auteri1, H. S. Goetzman1, C. C. Caldwell1  
1University of Cincinnati, Surgery, Cincinnati, OH, USA

22.10. Persistent Hypercatecholaminemia Drives Hematopoietic Progenitor Cell Mobilization following Trauma  
G. D. Doobay1, E. S. Miller1, T. J. Loftus1, K. B. Kannan1, P. A. Efron1, A. M. Mohr1  
1University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA
23.01. SMAD4 Loss in Patient-Derived Colorectal Cancer Tumoroids Confirms Chemoresistance. B. Szeglin1, C. Wu3,11, I. Wasserman2, S. Uppada3, X. Chen4, K. Ganesh5, A. Elghouayel6,7, J. Shia8, A. Barlas9, P. B. Paty10, M. R. Weiser11, J. G. Guilm11, G. M. Nash11, K. Manova-Todorova2, P. Dhawan2, R. Beauchamp2, N. E. Kemeny3, J. Garcia-Aguilar1, C. L. Sawyer4, J. Smith3,11 1Albert Einstein College of Medicine, Bronx, NY, USA 2Icahn School of Medicine at Mount Sinai, New York, NY, USA 3University of Nebraska Medical Center, Department of Biochemistry and Molecular Biology, Omaha, NE, USA 4Vanderbilt University Medical Center, Section of Surgical Sciences, Nashville, TN, USA 5Memorial Sloan-Kettering Cancer Center, Department of Pathology, New York, NY, USA 6University of Miami Miller School of Medicine, Department of Bioinformatics and Biostatistics, Miami, FL, USA 7College of William and Mary, Williamsburg, VA, USA 8Memorial Sloan-Kettering Cancer Center, Department of Medical Oncology, New York, NY, USA 9Memorial Sloan-Kettering Cancer Center, Human Oncology and Pathogenesis Program, New York, NY, USA 10Memorial Sloan-Kettering Cancer Center, Department of Molecular Cytology, New York, NY, USA 11Memorial Sloan-Kettering Cancer Center, Colorectal Service, Department of Surgery, New York, NY, USA

23.02. Defining CD8+ T-cell Subsets that are Rescued by PD-1/PD-L1 Blockade in the Tumor Microenvironment. T. Yamauchi1, T. Hoki1, C. A. Eppolito1, A. Francois2, K. Odusina1,2,3, F. Ito1,4,5 1Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA 2Roswell Park Cancer Institute, Gynecologic Oncology, Buffalo, NY, USA 3Roswell Park Cancer Institute, Immunology, Buffalo, NY, USA 4State University of New York at Buffalo, Surgery, Buffalo, NY, USA 5Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA

23.03. Depletion of Gut Microbiome Lowers Cancer Burden in Murine Models by Modulating the Immune System. V. Sethi1, B. Gir1, B. Garg2, M. Tarique3, S. Lavania4, L. Hellmund4, Z. Malchiodi5, S. Kurtom5, A. Farrantella1, S. Banerjee6, S. Ramakrishnan7, S. Roy7, A. Saluja1, V. Dudeja1 1University of Miami, Department of Surgery, Miami, FL, USA

23.04. CD40 signaling is required for expansion of terminally-differentiated CX3CR1- CD8+ T cells. F. Ito1,2,3, T. Hoki1, C. A. Eppolito1, A. J. Francois2, K. Odusina1,2,3, T. Yamauchi1 1State University of New York at Buffalo, Surgery, Buffalo, NY, USA 2Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA 3Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA 4Roswell Park Cancer Institute, Gynecologic Oncology, Buffalo, NY, USA 5Roswell Park Cancer Institute, Immunology, Buffalo, NY, USA

23.05. CRISPR/Cas9 Genome Editing of Tumor-specific CD8+ T cell-derived Induced Pluripotent Stem Cells. T. Yamauchi1, H. Saito1,2,3, T. Hoki1, F. Ito1,2,3, T. Komori4, S. Kim4, S. A. Banerjee5, J. V. Sethi6, A. J. Francois7, J. V. Welch8, J. A. DiTursi9, K. Odusina1,2,3, F. Ito1,4,5 1Roswell Park Cancer Institute, Department of Medicine, Pittsburgh, PENNSYLVANIA, USA 2University of Pittsburgh, Center for Biologic Imaging, Pittsburgh, PENNSYLVANIA, USA 3University of Pittsburgh, Department of Medicine, Pittsburgh, PENNSYLVANIA, USA 4University of Pittsburgh, Department of Pathology, Pittsburgh, PENNSYLVANIA, USA

23.06. Blocking NETs Reduces Macrophage Infiltration and Progression of Steatohepatitis to Liver Cancer. D. J. Van Der Windt1, V. Sud1, P. Varley1, J. Goswami1, H. Zhang1, H. Yazdani2, P. Loughran3, M. I. Minervini4, H. Huang5, R. L. Simmons5, A. Tsung5 1University of Pittsburgh, Surgical Oncology, Pittsburgh, PENNSYLVANIA, USA 2University of North Carolina, Department of Pathology, Chapel Hill, NORTH CAROLINA, USA 3University of Miami, Department of Surgery, Miami, FL, USA

23.07. Immunologic Changes in Regionally Treated Melanoma. J. A. Perone1, T. Tamesa1, M. Tsutsui1, R. E. Alvarado1, S. Moore1, P. Dolber1, I. Pinchuk1, K. Omino2, D. Tyler2 1University of Texas Medical Branch, Galveston, TX, USA 2Durham Veterans Affairs Medical Center, Durham, NC, USA

23.08. Priming with IL-7/15 to Generate Metabolically Fit CD8+ T Cells in the Tumor Microenvironment. S. Patel1, T. Hoki1, T. Yamauchi1, K. A. Collins1, C. A. Eppolito1, A. J. Francois1, J. V. Welch7, J. A. DiTursi1, K. Odusina1,2,3, F. Ito1,4,5 1Roswell Park Cancer Institute, Department of Immunology, Buffalo, NY, USA 2Roswell Park Cancer Institute, Department of Gynecologic Oncology, Buffalo, NY, USA 3State University of New York at Buffalo, Department of Surgery, Buffalo, NY, USA 4Memorial Sloan-Kettering Cancer Center, Human Oncology and Pathogenesis Program, New York, NY, USA 5Roswell Park Cancer Institute, Department of Gynecologic Oncology, Buffalo, NY, USA 6State University of New York at Buffalo, Jacobs School of Medicine and Biomedical Sciences, Buffalo, NY, USA 7Roswell Park Cancer Institute, Department of Surgical Oncology, Buffalo, NY, USA

23.09. Interrogation of Immune Checkpoints in Pancreatic Cancer Organoids Reveal Novel Cytotoxic Therapies. K. Hirai1, M. Lin2, S. Hoque1, M. Choi1, Y. Zhang1, G. V. Georgakis1, A. R. Sasson1, M. Gao1, J. Kim1 1Stony Brook University Medical Center, Stony Brook, NY, USA

23.10. Ablation of Cystathionine-Gamma-Lyase Promotes Colitis-Associated Carcinogenesis. K. Thanki1, M. Nicholls1, M. Maskey1, C. Phillips1, P. Johnson1, J. R. Zatarain1, K. Modis1, S. Qi2, I. V. Pinchuk1, M. R. Hellmich1, C. Cha0 1University of Texas Medical Branch, Surgery, Galveston, TX, USA 2University of Texas Medical Branch, Internal Medicine, Galveston, TX, USA 3University of Texas Medical Branch, Pathology, Galveston, TX, USA
24. BASIC SCIENCE: HEPATOPANCREATOBILIARY ONCOLOGY AND TRANSPLANTATION ORAL SESSION

MODERATORS: Katherine T. Morris, MD & Ryan M. Thomas, MD

24.01. * SUS-ESSR Bendel Prize Winner: Induction of Persistent Tolerance of Lung Transplants by IL-2 complex-stimulated Regulatory T Cells. W. Junghaene1, Y. Yamada2, D. Impellizzieri3, J. Jiang4, I. Inco5, W. Boyman5, W. U. Bennet6, Medical School, Department of Thoracic Surgery, Neuruppin, BRANDENBURG, Germany1; University Hospital Zurich, Department of Immunology, Zurich, Zurich, Switzerland2; University Hospital Zurich, Department of Thoracic Surgery, Zurich, Zurich, Switzerland3,4,5,6

24.02. Active K-RAS Mutant Gene detected in Pancreatic Juice from Patients with Peri-Ampullary Neoplasms. J. A. Reza1, S. Litherland2, X. C. Seet3, A. Kuchta4, A. Azpovard5, N. Fanaian6, J. P. Arnoletti2,4,6 Florida Hospital, Center for Specialized Surgery, Orlando, FLORIDA, USA2; Florida Hospital Cancer Institute, Translational Research, Orlando, FLORIDA, USA4; Florida Hospital, Center for Diagnostic Pathology, Orlando, FLORIDA, USA6; Florida Hospital, Institute for Surgical Advancement, Orlando, FLORIDA, USA4; Florida Hospital, Center for Interventional Endoscopy, Orlando, FLORIDA, USA4; Florida Hospital, Translational Research Core, Orlando, FLORIDA, USA6

24.03. IL-1 SignalingInduces Stemness To Mediate Chemosensitivity in Pancreatic Ductal Adenocarcinoma. A. R. Dosch1, C. Roberts1, M. VanSaun2, S. Banerjee3, P. Lamichhane4, A. Gaidarski5, N. Nagathihalli6, D. Dai1, F. Messaggi6, N. B. Merchant1 "University of Miami, Department of Surgery, Miami, FL, USA

24.04. Adenosquamous Carcinoma of the Pancreas: A Translational Approach. C. Hernandez1, J. Leiting1, L. Yang1, J. R. Bergquist2, M. J. Truty3 "Mayo Clinic, Department of Surgery, Rochester, MN, USA2; Center for Individualized Medicine, Biomarker Discovery Program, Rochester, MN, USA3

24.05. Pancreas-Specific Arid1a Deletion Induces Intraductal Papillary Mucinous Neoplasms in Mice. I. Nassour1,2, X. Sun1, S. Zhang1, X. Luo1, L. H. Nguyen1, L. Li1, P. Peng1, J. Shen1, H. Zhu1, S. Wang1 "University of Texas Southwestern Medical Center, Children’s Research Institute, Dallas, TX, USA3; University of Texas Southwestern Medical Center, Division of Surgical Oncology, Dallas, TX, USA3; University of Texas Southwestern Medical Center, Department of Pathology, Dallas, TX, USA3; Stanford University, Department of Pathology, Palo Alto, CA, USA

24.06. Human Hepatocyte Transplantation Corrects the Metabolic Liver Disorder Arginase Deficiency. S. Angartta1, B. Truong1, M. Lin1, S. Khoja2, A. Lam1, S. Dua1e3, G. S. Lipshutz4 "David Geffen School of Medicine, Surgery, Los Angeles, CALIFORNIA, USA1; Brandeis University Hospital, Boston, MA, USA2; Beth Israel Deaconess Medical Centre, Boston, MA, USA3; University Hospital Zurich, Department of Immunology, Zurich, Zurich, Switzerland4

24.07. Supplemental Estrogen Mitigates Liver Ischemia/Reperfusion Injury in Male and Female Mice. S. J. Concors1, D. R. Murken1, D. D. Aufhauser1, Z. Wang1, G. Ge1, W. W. Hancock1, M. H. Levine2 "Hospital of the University of Pennsylvania, Surgery, Philadelphia, PA, USA1; University of the University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Surgery, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA1

24.08. Mesenchymal Stem Cell Secretome Improves Donor Heart Function Following Ex-vivo Cold Storage. M. Wang1, Q. Li1, Y. Yang1, L. Yan1, M. Turrient1e, I. Wang1 "Indiana University School of Medicine, Cardiothoracic/Surgery, Indianapolis, IN, USA

24.09. Pioglitazone Reduces Hepatocarcinogenesis in a Rodent Model of Cirrhosis. S. L. Li1, G. Gho1, A. Arora1, D. J. Erstad1, M. Lud1th2, K. K. Tanabe1, B. Fuchs1 "Massachusetts General Hospital, Surgical Oncology, Boston, MA, USA1; Massachusetts General Hospital, Thoracic Surgery, Boston, MA, USA1

24.10. Histone Deacetylase Inhibition Mitigates Ischemia/Reperfusion & Acetaminophen-Induced Liver Injury. S. J. Concors1, D. R. Murken1, D. D. Aufhauser1, Z. Wang1, G. Ge1, W. W. Hancock1, M. H. Levine2 "University of Pennsylvania, Surgery, Philadelphia, PA, USA1; University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Surgery, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA1

24.11. Histone Deacetylase Inhibition Mitigates Ischemia/Reperfusion & Acetaminophen-Induced Liver Injury. S. J. Concors1, D. R. Murken1, D. D. Aufhauser1, Z. Wang1, G. Ge1, W. W. Hancock1, M. H. Levine2 "University of Pennsylvania, Surgery, Philadelphia, PA, USA1; University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Surgery, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA1

24.12. Histone Deacetylase Inhibition Mitigates Ischemia/Reperfusion & Acetaminophen-Induced Liver Injury. S. J. Concors1, D. R. Murken1, D. D. Aufhauser1, Z. Wang1, G. Ge1, W. W. Hancock1, M. H. Levine2 "University of Pennsylvania, Surgery, Philadelphia, PA, USA1; University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Surgery, Philadelphia, PA, USA1; Children’s Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA1
25.05. TGIF -1 is Differentially Expressed in Adult and Fetal Hearts After Myocardial Infarction. M. M. Hodges, C. Zgheib, J. Xu, L. C. Dewberry, S. A. Hilton, J. Hu, K. W. Liechty 1University of Colorado-Denver, Anschutz Medical Campus, Department of General Surgery, Laboratory for Fetal and Regenerative Biology, Aurora, COLORADO, USA

25.06. Systemic Delivery of Stem Cells to Atherosclerotic Lesions using Novel Nanocarrier in ApoE-/- Mice. Z. Liu, M. M. Regueiro, L. Zhang, Y. Li, S. Joel, G. S. O'Connor, S. Deo, S. Daunt, O. C. Velazquez 1University of Miami, Department of Surgery, School of Medicine, Miami, FL, USA 2University of Miami, Department of Biochemistry & Molecular Biology, School of Medicine, Miami, FL, USA

25.07. Platelet Reactivity in Chronic Venous Insufficiency Patients Locally Enhanced in Incompetent Veins. Z. Z. Young, D. Mix, S. Toth, R. Schmidt, J. Ellis, R. Glockler, A. Doyle, K. Raman, M. Stoner, S. Cameron 1University of Rochester Medical Center - Strong Memorial Hospital, Division of Vascular Surgery, Rochester, NY, USA

26.02. Tumor Mitotic Rate: A Strong, Independent Predictor of Survival for Localized Melanoma. J. L. Evans, R. J. Vidi, D. C. MacGillivray, T. L. Fitzgerald 1Tufts University School of Medicine - Maine Medical Center, Surgery, Portland, ME, USA 2St Mary's Regional Medical Center, Surgery, Lewiston, ME, USA

26.03. A Multi-institutional Analysis of Elderly Patients Undergoing Resection for Retropertitoneal Sarcomas. K. H. Wilkinson, C. G. Ethun, M. Hembrook, M. Bedi, J. Charlson, H. Mogal, K. K. Christians, T. B. Tran, G. Poultsides, V. Grignol, J. H. Howard, J. Tseng, K. K. Roggin, K. Choularias, K. Votanopoulos, D. Cullinan, R. C. Fields, S. Weber, T. C. Gamblin, K. Cardona, C. N. Clarke 1Medical College of Wisconsin, Division of Surgical Oncology, Milwaukee, WI, USA 2Winship Cancer Institute, Emory University, Department of Surgery, Atlanta, GA, USA 3Stanford University, Department of Surgery, Palo Alto, CA, USA 4Medical College of Wisconsin, Department of Medical Oncology, Milwaukee, WI, USA 5Medical College of Wisconsin, Department of Radiation Oncology, Milwaukee, WI, USA 6The Ohio State University, Department of Surgery, Columbus, OH, USA 7University of Chicago, Department of Surgery, Chicago, IL, USA 8Wake Forest University, Department of Surgery, Winston-Salem, NC, USA 9Washington University, Department of Surgery, St. Louis, MO, USA 10University of Wisconsin, Department of Surgery, Madison, WI, USA

25.08. Regulation of Neointimal Hyperplasia by the Short Chain Fatty Acid Butyrate. M. Noornid, L. Xiong, K. Wun, T. Jiang, E. Chen, O. Eskandari, K. J. Ho 1Northwestern University, Surgery, Chicago, IL, USA

25.09. Palmitate Regulates JMJ33 Epigenetic Alterations in Diabetic Macrophages. F. M. Davis, A. Kimball, A. Joshi, A. Boniakowski, S. Kunke, K. Gallagher 1University of Michigan, Pathology, Ann Arbor, MI, USA 2University of Michigan, Surgery, Ann Arbor, MI, USA

25.10. Thrombospondin Induced Protein Expression Correlates with Gene Expression Linked to Arterial Disease. M. M. Kassemi, D. Brusch, K. G. Maier, V. Gahtani 1University of New York Upstate Medical University, Vascular and Endovascular Services, Syracuse, NY, USA 2Syracuse VA Medical Center, Syracuse, NY, USA

7:30 AM - 9:30 AM Integrated Oral Presentations Session I

26. CLINICAL/OUTCOMES: ONCOLOGY - MELANOMA AND SARCOMA ORAL SESSION

MODERATORS: Jeremiah L. Denove, DO & Giorgos C. Karakousis, MD

26.06. Preoperative Immunonutrition for Axillary or Inguinal Lymphadenectomy: Tolerability and Outcomes. D. B. Porter, K. M. McMasters, C. R. Scoggins, R. C. Martin, M. E. Egger, P. Philips 1University of Louisville, Louisville, KY, USA

26.07. Exon Mutational Analysis for GIST: Dissemination and Impact on Treatment. A. J. Bartholomew, H. Dohnalek, P. Prins, H. S. Quadri, L. B. Johnson, N. G. Haddad, J. L. Marshall, W. B. Al-Refaie 1Georgetown University Medical Center, School of Medicine, Washington, DC, USA 2Georgetown University Medical Center, Lombardi Comprehensive Cancer Center, Ruesch Center for the Cure of Gastrointestinal Cancers, Washington, DC, USA 3Georgetown University Medical Center, Surgery, Washington, DC, USA 4Georgetown University Medical Center, Gastroenterology, Washington, DC, USA 5Georgetown University Medical Center, Hematology/Oncology, Washington, DC, USA 6MedStar-Georgetown Outcomes Research Center, Washington, DC, USA 7MedStar Health Research Institute, Hyattsville, MD, USA

26.08. Consecutive Case Series of Melanoma Sentinel Node Biopsy for Lymphoseek Compared to Sulfur Colloids. C. Silverstr, A. Christopher, C. Intzeno, J. Kairy, S. Kim, A. Willis, A. C. Berger 1Sidney Kimmel Medical College at Thomas Jefferson University, Surgery, Philadelphia, PA, USA 2Thomas Jefferson University Hospital, Nuclear Medicine/Radiology, Philadelphia, PA, USA

26.09. Non-Home Discharge and Prolonged Length of Stay after Cytoreductive Surgery and HIPEC. D. Burguette, A. A. Mokdad, M. M. Augustine, R. Minter, J. C. Mansour, M. A. Choti, P. M. Polanco 1University of Texas Southwestern Medical Center, Dallas, TX, USA 2University of Texas Southwestern Medical Center, Division of Surgical Oncology, Dallas, TX, USA

27.01. Impact of Mental Health Diagnoses and Treatment on Outcomes after Colorectal Cancer Surgery. C. G. Ratcliff,1,4,5 N. N. Massarweh3, S. Sansgiry4,4, L. Dindo1,5, H. Yu1,6, D. H. Berger1,7, J. A. Cully1,7 *Baylor College of Medicine, Department of Psychiatry & Behavioral Sciences, Houston, TX, USA -Baylor College of Medicine, Department of Surgery, Houston, TX, USA -Sam Houston State University, Department of Psychology, Houston, TX, USA -Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA -Baylor College of Medicine, Department of Medicine, Houston, TX, USA -Baylor St. Luke’s Medical Center, Houston, TX, USA

27.02. Induction Chemotherapy versus Standard Treatment for Locally Advanced Rectal Cancer. C. Nganzeu1, J. J. Blank1, F. Ali1, W. Hall1, C. Peterson1, K. Ludwig2, T. Ridolfi1 *Medical College of Wisconsin, Department of Radiology, Milwaukee, WI, USA -Medical College of Wisconsin, Department of Colorectal Surgery, Milwaukee, WI, USA

27.03. Colorectal Surgical Site Infection Prevention Kits Prior to Elective Colectomy Improves Outcomes. S. E. Deery1, S. T. McWatters1, S. R. Reilly1, H. N. Milch1, D. W. Ratten1, E. A. Mort1, D. C. Hooper2, M. G. Del Carmen1,7, L. G. Bordinelou3 *Massachusetts General Hospital, Colorectal Center, Boston, MA, USA -Massachusetts General Hospital, Boston, MA, USA -Massachusetts General Hospital, Department of Patient Safety and Quality, Boston, MA, USA -Massachusetts General Hospital, Department of General Internal Medicine, Boston, MA, USA -Massachusetts General Hospital, Division of Infectious Diseases, Boston, MA, USA -Massachusetts General Hospital, Department of Obstetrics and Gynecology, Boston, MA, USA


27.05. Fecal Microbiota Transplant Protocol Implementation: A Community-Based University Hospital Experience. R. Duarte-Chavez1, T. R. Wojda1, B. Gemerl, G. Fioravanti2, S. P. Stavicki3 *St. Luke’s University Health Network, Division of Gastroenterology, Bethlehem, PA, USA -St. Luke’s University Health Network, Department of Internal Medicine, Bethlehem, PA, USA -St. Luke’s University Health Network, Department of Surgery, Bethlehem, PA, USA

27.06. Colon Cancer Stages I-III: Why Roam When You Can Resect Near Home?. O. K. Jawitz1, M. Turner1, M. Adam1, C. Mantyh1, J. Migaly1 *Duke University Medical Center, Department of Surgery, Durham, NC, USA

27.07. Post-Discharge Opioid Utilization after Colorectal Surgery is Modified by ERAS Pathways. K. E. Hudak1, E. Goss1, R. K. Burton1, P. K. Patel1, E. A. Dasinger2, G. D. Kennedy2, J. A. Cannon2, M. S. Morris2, J. S. Richman1, D. I. Chu1 *University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA -University of Alabama at Birmingham, Department of Gastrointestinal Surgery, Birmingham, Alabama, USA -University of Alabama at Birmingham, School of Public Health, Birmingham, Alabama, USA

27.08. Predictive Value of Leukocyte and Platelet-derived Ratios in Locally Advanced Rectal Adenocarcinoma. W. H. Ward1, A. C. Esposito2, N. Goel1, K. J. Ruth1, E. R. Sigurdsson1, J. E. Meyer1, C. S. Denlinger1, J. M. Farma1 *Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA -Temple University, Lewis Katz School of Medicine, Philadelphia, PA, USA -Fox Chase Cancer Center, Biostatistics and Bioinformatics Facility, Philadelphia, PA, USA -Fox Chase Cancer Center, Department of Hematology/Oncology, Philadelphia, PA, USA -Fox Chase Cancer Center, Department of Radiation Oncology, Philadelphia, PA, USA

27.09. Defining Surgeon Volume Threshold for Improved Outcomes From Minimally Invasive Colectomy. M. A. Adam1, D. Becerra1, M. C. Turner1, C. R. Mantyh1, J. Migaly1 *Duke University Medical Center, Department of Surgery, Durham, NC, USA

27.10. Postoperative Morbidity Independently Predicts Cancer-Related Survival in Peritoneal Metastases. H. A. Choudry1, Y. Shuai1, J. F. Pingpank1, M. P. Holtzman1, S. S. Ahrendt1, H. L. Jones1, L. Ramalingam1, A. H. Zuerik1, J. H. Zeh2, D. L. Bartlett1 *University of Pittsburgh Medical Center, Surgical Oncology, Pittsburgh, PA, USA -University of Pittsburgh Cancer Institute, Biostatistics Facility, Pittsburgh, PA, USA

28.01. The Impact of ERAS protocol on Urinary Tract Infections after Free Flap Breast Reconstruction. B. Sharif-Askary1, R. Zhao1, S. Hollenbeck1 *Duke University Medical Center, Division of Plastic and Reconstructive Surgery, Durham, NC, USA

28.02. A Comparison of Operative Approaches in Divercilticulits Requiring Urgent Intervention. C. E. Cauley1, Z. Feng1, D. Chang1, H. Kunitake1, R. Ricciardi1, L. Bordelon1 *Massachusetts General Hospital, Department of Surgery, Boston, MA, USA -Massachusetts General Hospital, Center for Clinical Effectiveness in Surgery, Boston, MA, USA

28.03. Mapping Trauma Outcomes: the Road to Zero Preventable Trauma Deaths. Z. G. Hashmi1, M. P. Jarman1, T. Uribe-Leitz1, J. W. Scott1, N. R. Udyavar1, J. Havens1, A. Salim1, A. H. Haider1 *Brigham and Women’s Hospital, Boston, MA, USA -University of Pittsburgh Medical Center, Department of Surgery, Baltimore, MD, USA

28.04. Improvements in Surgical Mortality: the Roles of Complications and Failure to Rescue. B. T. Fry1, J. R. Thumma1, J. B. Dimick2,3 *University of Michigan, Department of Surgery, Ann Arbor, MI, USA -University of Michigan, Medical School, Ann Arbor, MI, USA -University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

28.05. Inconsistent Benchmarking by Mortality vs Readmission: Implications for Medicare Payment Metrics. C. K. Zogg1,2,3, E. R. Sigurdsson1, M. A. Adam1, J. E. Meyer1, C. S. Denlinger1, E. R. Sigurdsson1, J. E. Meyer1, C. S. Denlinger1, J. M. Farma1 *Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA -Yale University School of Medicine, New Haven, CT, USA -University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA -Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA

28.06. Impact of a Continuous Local Anesthetic Pain Ball on Post-operative Pain in Kidney Transplant Recipients. E. M. Betka1, J. Ortiz1, M. Rambeck1, S. Spetz1, T. Evanuk1, S. Samenuk1, E. Eltnie1 *University of Toledo Medical Center, Pharmacy, Toledo, OH, USA -University of Toledo Medical Center, Transplant Surgery, Toledo, OH, USA

28.08. Bowel Preparation with Antibiotics Decreases Surgical-Site Infection for Both Left & Right Colectomy. A. J. Hjelmaas1, A. Kanter1, R. Anand1, J. Cedarbaum1, Y. Chen1, L. Ly1, N. Kamdar1, D. Campbell1, S. Hendren1, S. Regenbogen* 1University of Michigan, Michigan Medicine, Ann Arbor, MI, USA

28.09. Patient-Reported Health Literacy Scores Associated With Readmissions Following Surgery. S. Baker1,2, L. Graham1,2, E. Dasinger1,2, T. Wahl1,2, J. Richman1,2, L. Copeland1,2, E. Burns1, J. Whittle1, M. Hawn1, M. Morris1,2 1University of Alabama at Birmingham, Birmingham, AL, USA 2VA Birmingham Healthcare System, Birmingham, AL, USA

28.10. Parathyroidectomy is Underutilized in the Treatment of Primary Hyperparathyroidism in Veterans. E. A. Alore1, J. W. Suliburk1, D. J. Ramsey2, C. J. Balentine3, K. I. Makris4,5 1Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA 2Michael E. DeBakey Veterans Affairs Medical Center, Health Services Research and Development Center of Innovation, Center for Innovations In Quality, Effectiveness and Safety, Houston, TX, USA 3University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA 4Michael E. DeBakey Veterans Affairs Medical Center, Operative Care Line, Division of General Surgery, Houston, TX, USA

29.01. Indicators of Shock In Trauma: Anything Is Better Than Nothing, But Lactate Is Best!. A. Jordan1, W. Terzian1, T. R. Wojda1, M. S. Cohen1, J. Luster1, J. Seoane1, P. Salen1, H. Stankiewicz1, E. McCarthy1, S. P. Stawicki1,3 1St. Luke’s University Health Network,Department of Surgery, Bethlehem, PA, USA 2St. Luke’s University Health Network,Department of Emergency Medicine, Bethlehem, PA, USA 3St. Luke’s University Health Network,Department of Research & Innovation, Bethlehem, PA, USA

29.02. National Evaluation of High Ratio Massive Transfusion in the Trauma Quality Improvement Program. B. R. Stultz1, D. Milia1, T. Carver1, C. Dodgion1 1Medical College of Wisconsin, Milwaukee, WI, USA

29.03. Keeping Your Head: Making the Case for a Hospitalist Neurosurgeon. E. Turner1, K. A. Hollenbach1, W. D’Angelo1, B. Chung1, J. Rappold1 1Maine Medical Center, Acute Care Surgery/Surgery/Tufts University School of Medicine, Portland, MAINE, USA

29.04. The Burden and Epidemiology of Gun-related Hospital Admissions In the United States: 2003-2014. S. C. Gale1, J. Kocik1, J. S. Murry1, V. Y. Dombrovsky1 1East Texas Medical Center, Acute Care Surgery, Tyler, TX, USA

29.05. Alcohol Intoxication and Burn Injury Outcomes: A Propensity Score Analysis. L. T. Knowlin1, B. A. Cairns1, A. G. Charles1 1University of North Carolina at Chapel Hill, Surgery, Chapel Hill, NORTH CAROLINA, USA 2Howard University Hospital, Surgery, Washington, DISTRICT OF COLUMBIA, USA

29.06. Nationwide Analysis of Motor Vehicle Collision Readmission and Reinjury. J. Parreco1, T. L. Zakrison1, A. D. Badilla1, R. Rattan1 1University of Miami, Miami, FL, USA

29.07. Trauma Recidivism and Mortality Following Violent Injuries in Young Adults. A. M. Kao1, K. A. Schlosser2, M. R. Arnold3, P. D. Colavit1, R. F. Sing1, T. Prasad1, A. E. Lincourt1, B. R. Davis1, B. T. Heniford1 1Carolina’s Medical Center, Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA 2Carolina’s Medical Center, Trauma/Critical Care, Charlotte, NC, USA

29.08. Effect of a Dedicated Pain Management Service on Trauma Patients with Rib Fractures. S. A. Bellister1, R. D. Betzold2, S. E. Nelson2, D. P. Stonko2, R. A. Guyer3, T. J. Hamilton1, J. P. Wanderer1, O. L. Gunter1, O. D. Guillaume2, B. M. Dennis1 1Vanderbilt University Medical Center, Division of Trauma and Surgical Critical Care, Nashville, TN, USA

29.09. Isolated Parafalcine Subdural Hematoma: A Clinically Insignificant Finding. B. N. Craig1, M. R. Noorbakhsh1, F. Hite Philp1, M. F. Ditillo1, E. R. Suydam1, A. D. Murdock2 1Allegheny General Hospital, Pittsburgh, PA, USA

29.10. Blunt Cerebrovascular Injury Incidence, Stroke-Rate, and Mortality with the Expanded Denver Criteria. A. Grigorian1, N. Kabutey1, S. Schublin1, M. Dolich1, V. Joe1, D. Elfenbein2, C. De Virgilio2, J. Najmias3 1University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA 2University of California - Los Angeles, Harbor-UCLA Medicine Center, Department of Surgery, Los Angeles, CA, USA
30. CLINICAL/OUTCOMES: GENERAL SURGERY ORAL SESSION

MODERATORS: Peter Muscarella, MD & Hari Nathan, MD, PhD

30.01. Domestic responsibilities for physician mothers across specialties. H. G. Lyu1, R. E. Scully2, J. S. Davids2, N. Melinitchouk1 1Birmingham and Women’s Hospital, Surgery, Boston, MA, USA 2University of Massachusetts Medical School, Surgery, Worcester, MA, USA

30.02. Gender Disparities in Retention and Promotion of Academic Surgeons: A Prospective National Cohort. N. Z. Wong1, J. S. Abelison1, M. Symer1, H. L. Yeo1,2 1Weill Cornell Medicine, Surgery, New York, NY, USA 2Weill Cornell Medicine, Healthcare Policy and Research, New York, NY, USA

30.03. Medicare’s HAC Reduction Program Disproportionately Affects Minority-Serving Hospitals. C. K. Zogg1,2, J. R. Thumma2, A. M. Ryan1, J. B. Dinick2 1Yale University School of Medicine, New Haven, CT, USA 2University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

30.04. Geriatric Syndromes Predict the Timing of Early Postoperative Do-Not-Resuscitate (DNR) Orders. M. A. Horin1,2, R. A. Rosenthal1,2, T. N. Robinson2 1American College of Surgeons, Chicago, IL, USA 2Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA

30.05. Influence of English Proficiency on Patient Provider Communication and Shared Decision Making. A. Z. Paredes1, J. Idrees1, E. W. Beal1, O. Chen1, E. Cerier1, V. Okunrintemi1, G. Olsen1, S. Sun1, T. M. Pawlik1 1Ohio State University, General Surgery, Columbus, OH, USA

30.06. MELD Underestimates Morbidity and Mortality in Cirrhotic Patients for General Surgical Procedures. M. Fleming1, F. Liu1,2, Y. Zhang1,2, K. Pei1 1Yale School of Medicine, Department of Surgery, New Haven, CT, USA 2Yale School of Medicine, Section of Surgical Outcomes and Epidemiology, Department of Surgery, New Haven, CT, USA 3Yale School of Public Health, Department of Environmental Health Sciences, New Haven, CT, USA 4Beijing 302 Hospital, Beijing, BEIJING CHI, China

30.07. M&M Combined with Critique Algorithm-Based Database Reliably Evaluates Quality of Surgical Care. A. C. Antonacci1, S. Dechairo1, J. Nicastro1, G. Coppa1, C. Antonacci1, M. Jarrett1 1North Shore University and Long Island Jewish Medical Center, Surgery, Manhasset, NY, USA 2Tulane University School of Medicine, New Orleans, LA, USA

30.08. Functional Status vs. Frailty in GI Surgery: Are They Comparable in Predicting Short Term Outcomes? S. Y. Chen1, M. Stern1, S. L. Gearhart1, B. Safar1, S. H. Fang1, J. E. Eron1 1Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

30.09. the Economics of Private Practice Versus Academy in Surgery: an Analysis of Sub-Specialization. M. Baimas-George1, B. Fleischer1, J. R. Korndorffer1, D. Slakey1, C. DucOin1 1Tulane University School of Medicine, Surgery, New Orleans, LA, USA

30.10. Unnecessary Use of Plain Abdominal Radiographs in Patients of Acute Abdomen. D. Soares1, K. M. Pal1 1Aga Khan University Medical College, Surgery, Karachi, Sindh, Pakistan

31.01. * RACS Surgical Research Society – Young Investigator’s Award Recipient: Functional Assessment of TILs in Rectal Cancer. J. C. Kong1,2, G. R. Guerr2,2, R. M. Millen1,2, S. K. Warrier1,2, W. Phillips1,2, A. C. Lynch1,2, R. Ramsay1,2, A. G. Heriot1,2 1Peter MacCallum Cancer Centre, Division of Cancer Surgery, Melbourne, VIC, Australia 2The University of Melbourne, Sir Peter MacCallum Department of Oncology, Melbourne, VIC, Australia

31.02. A Comparison of Colon versus Rectal Adenocarcinoma using Molecular Profiling. J. Purchia1, W. H. Ward1, F. Lambreton1, N. Nweze1, T. Li1, N. Goel1, S. Reddy1, E. Sigurdson1, J. M. Farma1 1Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA 2Fox Chase Cancer Center, Philadelphia, PA, USA

31.03. Neoadjuvant Therapy Response in Esophageal Cancer Predicts Survival vs. Up-Front Esophagectomy. G. S. Chevrollier1, D. Giugliano1, F. Palazzo1, E. L. Rosato1, N. R. Evans1, A. C. Berger1 1Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA

31.04. Clinical Fate of TGN1 Esophageal Cancer: Results from the National Cancer Database. C. Takahashi1, R. Shridhar1, A. Patel1, J. Huston1, K. Meredith1 1Midwestern University, Glendale, AZ, USA 2University of Central Florida, Orlando, FL, USA 3Florida State University, Tallahassee, FL, USA 4Sarasota Memorial Hospital, Sarasota, FL, USA

31.05. Neoadjuvant Therapy in Pancreatic Cancer. N. Goel1, A. Nadeau1, W. H. Ward1, J. K. Ruth1, A. Karachristos1, J. P. Hoffman1, S. S. Reddy1 1Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

31.06. Neutrophil to Lymphocyte Ratio is a Preoperative Risk Factor in Intrahepatic Cholangiocarcinoma. S. Buettner1, B. Croot Koerkamp1, M. Weiss1, S. Alexandrescu2, H. P. Marques1, J. Lamelas1, L. Aldrighetti1, T. Gambil1, S. K. Maithel1, C. Pullinato1, T. W. Bauer1,2, F. Shen1, G. A. Poultisides1,2, J. Marsh1,2, J. N. Iuzermans1, T. M. Pawlik1 1Ohio State University, General Surgery, Columbus, OH, USA 2Emory University School of Medicine, Baltimore, MD, USA 3Fundeni Clinical Institute, Bucharest, ROMANIA 4Curry Cabral Hospital, Lisbon, PORTUGAL 5Portuguese 6Ospedale San Raffaele, Milano, ITALY 7Medical College of Wisconsin, Milwaukee, WI, USA 8Emory University School of Medicine, Atlanta, GA, USA 9University of Sydney, Sydney, NSW, Australia 10University of Virginia, Charlottesville, VA, USA 11Eastern Hepatobiliary Surgery Hospital, Shanghai, CHINA 12Stanford University, Palo Alto, CA, USA 13University of Pittsburgh, Pittsburgh, PA, USA

31.07. Obstruction as a risk factor in the staging of colon cancer: a secondary analysis of the N0147 trial. F. S. Dahdah1, S. Shermain1, A. Benjamin1, E. Poli1, K. K. Turaga1 1The University of Chicago Medicine, Section of General Surgery/Surgical Oncology, Chicago, IL, USA

31.08. Online Information on Surgery for Pancreatic Cancer is Often Inadequate for Shared Decision-Making. C. Zhang1, A. Yang1, A. Halverson1 1Northwestern University, Chicago, IL, USA
31.09. Adjuvant Chemotherapy after Neoadjuvant Chemoradiation in Esophageal Cancer. C. Takahashi1, R. Shridhar2, A. Patel3, J. Huston4, K. Meredith5 1Midwestern University, Glendale, AZ, USA 2University of Central Florida, Orlando, FL, USA 3Florida State University, Tallahassee, FL, USA 4Sarasota Memorial Hospital, Sarasota, FL, USA

31.10. Patterns of Disease Recurrence Following Neoadjuvant Therapy for Localized Pancreatic Cancer. C. Barnes1, M. Aliakkak1, K. Christians1, C. Clarke1, P. Ritch1, B. George2, M. Aburajab1, M. Griffith1, B. Erickson2, W. Hall3, D. Evans, S. Tsai4 1Medical College of Wisconsin, Department of Surgery, Milwaukee, WI, USA 2Medical College of Wisconsin, Department of Hematology and Oncology, Milwaukee, WI, USA 3Medical College of Wisconsin, Department of Radiation Oncology, Milwaukee, WI, USA 4Medical College of Wisconsin, Department of Radiology, Milwaukee, WI, USA

7:30 AM - 9:30 AM Integrated Oral Presentations Session I

32.01. * SUS-SRS of SA Scales-Antrobus Prize Representative: To Activate or Not to Activate? The Controversy Surrounding Tamoxifen Treatment and Thrombosis. T. N. Augustine1, K. Pathere1, T. Dix-Peek2, R. Durate1 1University of the Witwatersrand, School of Anatomical Sciences, Faculty of Health Sciences, Johannesburg, SOUTH AFRICA, South Africa 2University of the Witwatersrand, Department of Internal Medicine, School of Clinical Medicine, Faculty of Health Sciences, Johannesburg, SOUTH AFRICA, South Africa

32.02. Operating Room Teams: Does Familiarity Make a Difference?. S. Fitzgibbons1,2, S. Kaplan1, X. Lei1, S. Safford1, S. Parker1 1MedStar Georgetown University Hospital, Surgery, Washington, DC, USA 2Georgetown University Medical Center, Washington, DC, USA 3George Mason University, Psychology, Fairfax, VA, USA 4Virginia Tech Carilion School of Medicine and Research Institute, Human Factors, Roanoke, VA, USA

32.03. Impact of Frailty on Failure to Rescue After Low Risk and High Risk Inpatient Surgery. R. Shah1, K. Attwood1, S. Arya1, D. E. Hail2, J. M. Johanning2, N. N. Massarweh1 1Henry Ford Health System, General Surgery, Detroit, MI, USA 2Emory University School of Medicine, Division of Vascular and Endovascular Therapy/ Department of Surgery, Atlanta, GA, USA 3University of Pittsburgh, Center for Health Equity Research and Promotion, Veterans Affairs Pittsburgh Healthcare System, Pittsburgh, PA, USA 4Baylor College of Medicine, VA HSR&D Center for Innovations In Quality, Effectiveness and Safety, Michael E DeBakey VA Medical Center, Houston, TX, USA 5University of Nebraska College of Medicine, Department of Surgery, Omaha, NE, USA 6Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA

32.04. Bariatric Surgery Reduces the Incidence of Estrogen Receptor Positive Breast Cancer. T. Hassinger1, J. H. Mehaffey1, R. B. Hawkins1, B. D. Schirmer1, P. T. Hallowell1, A. T. Schroen1, S. L. Showalter1 1University of Virginia, Department of Surgery, Charlottesville, VA, USA

32.05. Cost Effectiveness of Immediate Biopsy vs. Surveillance of Intermediate Suspicion Thyroid Nodules. E. J. Ku1, J. X. Wu1, K. A. Zanocco2 1David Geffen School of Medicine, Section of Endocrine Surgery, Los Angeles, CA, USA

32.06. Qualifying the Degree of Postoperative Opioid Over-Prescription. D. S. Swords1,2, S. Vijayakumar1, S. Brimhall1, B. Ostlund1, P. Narayan1, J. Prochazka1, D. E. Suton2 1Intermountain HealthCare, Surgical Services, Salt Lake City, UT, USA 2University of Utah, Surgery, Salt Lake City, UT, USA
34.09. Variations in Demographics and Outcomes for Extracorporeal Membrane Oxygenation in the US: 2008-2014. K. L. Bailey¹, Y. Seo², E. Aguayo³, V. Dobaria⁴, Y. Sanaiha⁵, R. J. Shemin⁶, P. Benharash⁷. ¹David Geffen School of Medicine, University of California at Los Angeles, Division of Cardiac Surgery, Los Angeles, CA, USA

34.10. Non-invasive Fibrosis Marker Impacts the Mortality after Hepatectomy for Hepatoma among US Veterans. F. B. Maegawa¹,², L. Shehorn³, J. B. Kettelle⁴,², T. S. Riall¹. ¹Southern Arizona VA Health Care System, Department of Surgery, Tucson, AZ, USA; ²University of Arizona, Department of Surgery, Tucson, AZ, USA; ³Southern Arizona VA Health Care System, Department of Nursing, Tucson, AZ, USA

35.05. Discontinuation of Surgical vs Non-Surgical Clinical Trials: An Analysis of 88,498 Trials. T. J. Mouw¹, S. W. Hong², S. Sarvar³, A. E. Fonda³, A. Walling⁴, M. Al-Kasspooles⁵, P. J. DiPasco¹. ¹University of Kansas Medical Center, General Surgery, Kansas City, KS, USA; ²University of Kansas School of Medicine – Wichita, Family and Community Medicine, Wichita, KS, USA

35.06. IS CERVICAL MAGNETIC RESONANCE IMAGING for CERVICAL SPINE CLEARANCE JUSTIFIED AFTER NEGATIVE CT? R. Kang¹, C. Ingersoll², K. Herzing³, A. P. Ekeh¹. ¹Wright State University, Surgery, Dayton, OH, USA

35.07. Comparable Outcomes after Liver Transplantation with and without Chronic Portal Vein Thrombosis. K. Phelan¹, C. Kubal¹, J. Fridell¹, R. Manguš³. ¹Department of Surgery, Division of Transplantation, Indianapolis, IN, USA

35.08. Clinical Impact of Genetic Alterations According to Primary Tumor Sidedness in Colorectal Cancer. Y. Shimada¹, Y. Tajima¹, M. Nagahashi¹, H. Ichikawa¹, M. Nakano¹, H. Kameyama¹, J. Sakata¹, T. Kobayashi¹, Y. Taki², S. Okuda¹, K. Takabe³, T. Wakai¹. ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Japan; ²Niigata Cancer Center Hospital, Department of Surgery, Niigata, Japan; ³Niigata University Graduate School of Medical and Dental Sciences, Division of Bioinformatics, Niigata, Japan; ⁴Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA; ⁵University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Department of Surgery, Buffalo, NY, USA

35.09. the Significance of Laparoscopic Bursectomy Via an Outside Bursa Omentalis Approach in Gastric Cancer. L. Zou¹, B. Zheng¹, L. Zou². ¹Guangdong Provincial Hospital of Chinese Medicine, Department of Gastrointestinal Surgery, Guangzhou, GUANGDONG, China

35.10. Isolated Blunt Traumatic Brain Injury is Associated with Fibrinolysis Shutdown. J. Samuels¹, E. Moore², A. Banerjee³, C. Silliman⁴, J. Coleman⁵, G. Stettler², G. Nunn³, A. Sauala². ¹University of Colorado Denver, Department of General Surgery, Aurora, CO, USA; ²Denver Health Medical Center, Department of Surgery, Aurora, CO, USA; ³Children’s Hospital Colorado, Pediatrics-Hematology & Oncology, Aurora, CO, USA

Integrated Oral Presentations Session I

MODERATORS: Rajesh Aggarwal, MBBS, MA, PhD, FRCS & Dawn M. Coleman, MD, BS

35.01. * SUS-JSS Abstract Winner: Triple-drug Therapy to Prevent Pancreas Fistula for the Patients with a High Drain Amylase Level. T. Adachi¹, S. Ono¹, T. Adachi¹, M. Yamashita¹, T. Hara¹, A. Soyama¹, M. Hidaka¹, K. Kanetaka¹, M. Takatsuki¹, S. Eguchi¹. ¹Nagasaki University, Department of Surgery, Nagasaki, Japan

35.02. Quantitative Measure of Intestinal Permeability Correlates with Sepsis. S. A. Angarita¹, T. A. Russell², P. Ruchala², S. Duarte², I. A. Elliott², J. P. Whitelegge². ¹University of Florida, Surgery, Gainesville, FL, USA; ²University of California - Los Angeles, Surgery, Los Angeles, CA, USA

35.03. Impact of Hospital Volume on Outcomes of Laparoscopic versus Open Hepatectomy for Liver Cancer. S. W. De Geus¹, G. G. Kasumova¹, T. E. Sachs¹, O. Akintorin¹, S. Ng¹, D. McNaney¹, J. F. Tseng¹. ¹Boston University, Surgery, Boston, MA, USA

35.04. Adequacy of Daily Enoxaparin After Colorectal Surgery: An Examination of Anti-Factor Xa Levels. C. J. Pannucci¹, K. I. Fleming¹, A. Prazak², C. Bertolaccini³, B. Pickorn³. ¹University of Utah, Division of Plastic Surgery, Salt Lake City, UT, USA; ²University of Utah, Department of Pharmacy, Salt Lake City, UT, USA; ³University of Utah, Department of Surgery, Salt Lake City, UT, USA

35.05. Discontinuation of Surgical vs Non-Surgical Clinical Trials: An Analysis of 88,498 Trials. T. J. Mouw¹, S. W. Hong², S. Sarwar³, A. E. Fonda³, A. Walling⁴, M. Al-Kasspooles⁵, P. J. DiPasco¹. ¹University of Kansas Medical Center, General Surgery, Kansas City, KS, USA; ²University of Kansas School of Medicine – Wichita, Family and Community Medicine, Wichita, KS, USA
36. CLINICAL/OUTCOMES: HEALTH POLICY/PATIENT SAFETY ORAL SESSION

ST. JOHNS

MODERATORS: Thomas K. Varghese, MD & Ben L. Zarzaur, MD

36.01. Opioid Prescribing Habits of Pediatric Versus General Surgeons Following Laparoscopic Appendectomy. M. R. Friedman-Weiss1, A. S. Chiu2, S. L. Ahle3, R. A. Cowles4, D. E. Ozgur5, E. R. Christison-Lagay6, D. G. Solomon7, M. S. Catty8, D. H. Stittelman1 1Yale University School of Medicine, Department of Surgery, Section of Pediatric Surgery, New Haven, CT, USA

36.02. WHO Surgical Safety Checklist Modification: Do Changes Emphasize Communication and Teamwork?. I. Solsky1, J. Lagoo2, W. Berry3,4, J. Baugh2, L. A. Edmondson5, S. Singer6, A. B. Haynes6,7,8 Ariadne Labs, Boston, MA, USA 1Harvard School of Public Health, Department of Health Policy and Management, Boston, MA, USA 2University of California - Los Angeles, Department of Emergency Medicine, Los Angeles, CA, USA 3Harvard School of Medicine, Surgery, Brookline, MA, USA 4Massachusetts General Hospital, Department of Surgery, Boston, MA, USA

36.03. Crash Telemetry-Based Injury Severity Prediction Outperforms First Responders in Field Trauma. K. He1, P. Zhang1,2,3,4 S. C. Wang1,2 1International Center of Automotive Medicine, Ann Arbor, MI, USA 2University of Michigan, Department of Surgery, Ann Arbor, MI, USA

36.04. Surgical Procedures in Health Professional Shortage Areas: Impact of a Surgeon Incentive Payment Plan. A. Diaz1, E. Schneider1, J. Cloyd1, T. M. Pavlik1 1Ohio State University, Columbus, OH, USA

36.05. An Analysis of Preoperative Weight Loss and Risk in Bariatric Surgery. L. Owe1, S. Torres Landa2, C. Tewksbury3, V. Zoghbi4, J. H. Fieber5, O. E. Pickett-Blakely6, D. T. Dempsey7, N. N. Williams8, K. R. Duman1 1Hospital of the University of Pennsylvania, Gastrointestinal Surgery, Philadelphia, PA, USA

36.06. Practices and Barriers Regarding Transitions of Care for Postoperative Opioid Prescribing. M. P. Kluh1, J. S. Lee1, K. R. Sloss1, L. A. Dossett2, M. J. Englesbe1, C. M. Brummett2, J. F. Waljee1 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA 2University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA

36.07. ED Utilization as a Comprehensive Healthcare Metric after Lumbar Spine Surgery. L. M. Pak1, M. A. Chaudhary2, N. K. Kwon3, T. P. Koeelhoos2, A. H. Haiden4, A. J. Schoenfeld5 1Uniformed Services University of the Health Sciences, Department of Preventive Medicine, Bethesda, MD, USA 2Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA

36.08. Development & Usage of a Computerized Simulation Model to Improve Operating Room Efficiency. L. H. Stevens1,2,3, N. Walton4, J. Hobbs5, T. Bell5, K. Boustany6, B. Zarzaur1 1IU School of Medicine, General Surgery, Indianapolis, IN, USA 2IU Health Perioperative Services, Indianapolis, IN, USA

36.09. Opioid Prescribing vs. Consumption in Patients Undergoing Hiatial Hernia Repair. A. A. Mazurek1, A. A. Brescia2, R. Howard3, A. Schwartz4, K. Sloss5, A. Chang5, P. Carroll7, J. Lin7, W. Lynch7, M. Orringer1, R. Reddy5, P. Lajisette8, J. Waljee1, M. Englesbe1, C. Brummett2, K. Lajisette2 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA 2University of Michigan VA, Division of General Internal Medicine and Center for Clinical Management and Research, Ann Arbor, MI, USA

36.10. Trends in Postoperative Opioid Prescription Size: 2010 – 2014. J. Hur1, J. S. Lee2, H. M. Hu1, M. P. Kluh1, R. A. Howard1, J. V. Yu1, C. M. Harbaugh2, C. M. Brummett2, M. J. Englesbe1, J. F. Waljee1 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA 2University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA

1:30 AM - 9:30 AM  Integrated Oral Presentations Session II

37. CLINICAL/OUTCOMES: VASCULAR ORAL SESSION

MATHEWS

MODERATORS: Eugene S. Lee, MD & Takao Ohki, MD, PhD

37.01. the Mortality for Surgical Repair is Lower than Ligation in Patients with Portal Vein Injury. J. Sabati1, T. Tan2, B. Hoang2, P. Hsu2, Q. Chu2 1Banner University Medical Center/University of Arizona, Tucson, AZ, USA 2University of Arizona, Tucson, AZ, USA 3Louisiana State University Health Sciences Center, New Orleans, LA, USA

37.02. Impact of Glucose Control and Regimen on Limb Salvage in Patients Undergoing Vascular Intervention. J. L. Moore1, Z. Novak1, M. Patterson1, M. Passman1, E. Spangler1, A. W. Beck1, B. J. Pearce1 1University of Alabama at Birmingham, Division of Vascular Surgery and Endovascular Therapy, Birmingham, Alabama, USA

37.03. Predictors of Serious Morbidity and Mortality Following Endovascular Repair of Aortoiliac Lesions. A. Thomas1, I. Leitman1 1Mount Sinai School of Medicine, New York, NY, USA

37.04. Results of Non-operative Management of Acute Limb Ischemia in Infants. S. Wang1, A. R. Gutwein2, N. A. Drucker3, R. L. Metaganaull1, M. C. Dalsing1, B. W. Gray1, M. P. Murphy4, G. W. Lemmon1 1Indiana University School of Medicine, Indianapolis, IN, USA

37.05. Four Extremity Venous Duplex Ultrasonography for Suspected Deep Venous Thrombosis: An Anachronism. T. Yoo1, R. Aggarwal2, S. Brathwaite1, B. Satiani1, M. J. Haurani1 1Ohio State University, Vascular/Surgery, Columbus, OH, USA

37.06. Racial and Gender Disparity in Aortoiliac Disease Revascularization Procedures. A. R. Loh1, W. A. Upchurch2, R. D. Gough3, R. Marivec1,2, I. Iacobas1,2 1Baylor College of Medicine, Houston, TX, USA 2Texas Children’s Hospital, Houston, TX, USA

37.07. Risk Factors for Revision Following Lower Extremity Amputations. M. T. Cain1, M. Wohlauer1, P. Rossi1, B. Lewis1, K. Brown1, G. Seabrook1, C. J. Lee1 1Medical College of Wisconsin, Division of Vascular Surgery, Milwaukee, WI, USA

37.08. Ligation and Repair are associated with Similar Outcomes in Superior Mesenteric Vein Injury. T. Tan1, J. Sabati1, P. Hsu1, N. Sarma1, Q. Chu1 1University of Arizona, Tucson, AZ, USA 2Louisiana State University Health Sciences Center, New Orleans, LA, USA

37.09. Treatment Outcomes of Manual Lymphatic Drainage in Pediatric Lymphedema Patients. K. Ali1, C. Dougherty1, R. Upchurch2, L. H. Stevens1,2,3, H. Dakour Aridi4,5,6,7,8,9 1University of Virginia, School of Medicine, Charlottesville, VIRGINIA, USA 2University of Virginia, Department of Surgery, Charlottesville, VIRGINIA, USA 3University of Virginia, Department of Anesthesiology, Charlottesville, VIRGINIA, USA

37.10. Overweight Patients with Chronic Mesenteric Ischemia Require More Diagnostic Studies. C. W. Elliott1, J. Cullen2, J. Mehaffey1, W. Robinson1, K. J. Cherry3, M. C. Tracci4, G. R. Upchurch7 1University of Virginia, School of Medicine, Charlottesville, VIRGINIA, USA 2University of Virginia, Department of Surgery, Charlottesville, VIRGINIA, USA 3University of Virginia, Department of Anesthesiology, Charlottesville, VIRGINIA, USA
38. EDUCATION: WELLNESS ORAL SESSION

MODERATORS: Rana M. Higgins, MD & Esme le Grange, MD

38.01. Are General Surgery Residents Being Coerced to Exceed Duty Hour Limits? A FIRST Trial Analysis. E. Blay1, K. E. Engelhardt, B. Hewitt, C. Quinn, A. R. Dahlke, A. D. Yang, K. Y. Bilimoria1, M. Meyers2, J. K. Johnson1, C. C. Greenberg, R. Love, L. Kureutz, D. B. Hewitt1,2, C. M. Quinn1, K. Engelhardt1,2, K. Y. Bilimoria1,2 1Northwestern University- Feinberg School of Medicine, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA

38.02. Gender Differences in Residency: Duty Hour Utilization, Burnout and Psychological Wellbeing. A. R. Dahlke, J. K. Johnson1,2, C. C. Greenberg, R. Love, L. Kureutz, D. B. Hewitt1,2, C. M. Quinn1, K. Engelhardt1,2, K. Y. Bilimoria1,2 1Northwestern University- Feinberg School of Medicine, Surgical Outcomes and Quality Improvement Center (SOQIC), Department of Surgery, Chicago, IL, USA

38.03. Taking Care of Our Own – An Assessment of Perceptions of Burnout in General Surgery Trainees. M. L. Williford1, S. Scarlet1, M. Meyers1, S. Meltzer-Brody2, C. Goettler1, J. Green, A. Hildreth, T. Clancy1,2, D. Luckett, T. M. Farrell1,2 1University of North Carolina at Chapel Hill, Public Health, Chapel Hill, NC, USA 2University of North Carolina at Chapel Hill, Surgery, Chapel Hill, NC, USA

38.04. Lack of peer and attending support increases the likelihood of burnout in general surgery residents. S. Scarlet1, M. L. Williford1, C. Goettler1, J. Green, T. Clancy1,2, A. Hildreth1,2, D. Luckett1, S. Meltzer-Brody1, M. O. Meyers1,2, T. M. Farrell1 1University of North Carolina at Chapel Hill, Chapel Hill, NC, USA 2University of North Carolina School of Medicine, Charleston, SC, USA

38.05. Surgical resident wellness and opportunities for improvement: A single center pilot survey. P. Marincola Smith1,2, P. N. Chotai, J. L. Padgett1, S. K. Geyvarghese1, K. P. Terhune1 1Vanderbilt University Medical Center, Department of General Surgery, Nashville, TN, USA

38.06. Surgical Resident Burnout: Does it Change Over Time? K. D. Cofer1, L. Goss1, R. Hollis1, M. Morris1, J. Porterfield1, B. Lindeman1, D. Chu1 1University of Alabama at Birmingham, Birmingham, Alabama, USA

38.07. Does Implicit Gender Bias Occur in Teaching Evaluations of Surgical Faculty? M. M. Romine1, Z. Aburjaria1, H. Chen1, L. Tanner1 1University of Alabama at Birmingham, Birmingham, Alabama, USA

38.08. Personality Testing May Help To Identify Applicants Who Will Become High Performing Residents. R. Radhakrishnan1, D. S. Tyler1 1University of Texas Medical Branch, Surgery, Galveston, TX, USA

38.09. Put Me in the Game Coach! Resident Participation in High Risk Surgery in the Big Data Era. A. N. Cobb1, E. Eugia1, P. C. Kuo1 1Loyola University Medical Center, General Surgery, Maywood, IL, USA

38.10. 3-Year Longitudinal Analysis of Emotional Intelligence in Surgical Residents: It Decreases Over Time. K. D. Cofer1, L. Wood1, R. Hollis1, J. Richman1, M. Morris1, J. Porterfield1, B. Lindeman1, D. Chu1 1University of Alabama at Birmingham, Birmingham, Alabama, USA

7:30 AM - 9:30 AM Integrated Oral Presentations Session I

39. EDUCATION: ASSESSMENT AND FEEDBACK ORAL SESSION

MODERATORS: Edward D. Auyang, MD, MS & Douglas S. Smink, MD, MPH

39.01. Association Between ABSITE Scoring and Attrition from General Surgery Residency Training. M. M. Byrner1, L. Gade1, J. Abelson1, J. A. Sosa1, H. Yeo1 1Well Cornell Medical College, Surgery, New York, NY, USA 2Duke University Medical Center, Surgery, Durham, NC, USA 3New York Presbyterian / Queens, Surgery, New York, NY, USA

39.02. Blind spots in the feedback process – exploring trainee and faculty perceptions. S. Scarlet1, A. Reiter1, J. Crowner1, M. O. Meyers1 1University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

39.03. Is the operative autonomy granted to a resident consistent with the operative performance quality? J. P. Fryer1, B. C. George1, B. D. Bohnen1, S. L. Meyerson1, M. C. Schuller1, A. H. Meier1, L. Torbeck1, S. P. Mandell1, J. T. Mullen1, D. S. Smink1, J. G. Chipman1, E. D. Auyang2, K. P. Terhune2, P. E. Wise1, J. N. Choi1, E. F. Foley1, M. A. Choti1, C. Are3, N. J. Soper1, K. D. Lillemoe1, J. B. Zwischenberger1, G. L. Dunnington1, R. G. Williams1 1University of Michigan, Ann Arbor, MI, USA 2Massachusetts General Hospital, Boston, MA, USA 3Indiana University School of Medicine, Indianapolis, IN, USA

39.04. the Influence of Gender and Rank on the Resident Evaluation Process. L. Theiss1, B. Corey1, H. Chen1, R. Dabai1 1University of Alabama at Birmingham, Birmingham, Alabama, USA 2Children’s of Alabama, Birmingham, ALABAMA, USA

39.05. Narrowing of Surgical Resident Operative Experience: 27 Year Analysis of National ACGME Case Logs. A. R. Cortez1, G. D. Katsaros2, V. K. Dhar3, F. Drake3, T. A. Pritts1, J. J. Sussman1, M. J. Edwards1, R. Quillin1 1University of Cincinnati, Department of Surgery, Cincinnati, OH, USA 2University of Cincinnati College of Medicine, Cincinnati, OH, USA 3University of Kentucky, Lexington, KY, USA 4University of Nebraska College of Medicine, Omaha, NE, USA

39.06. Gender and Faculty Entrustment: An Objective Intraoperative Measurement of Entrustment Behaviors. J. A. Thompson-Burdine1, D. C. Sutczko1, V. C. Nikolai1, A. Boniakowski1, P. E. Georgoff1, K. A. Prabhu1, N. Matusko1, R. M. Minter1, G. Sandhu1 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA 2University of Texas Southwestern Medical Center, Department of Surgery, Dallas, TX, USA
39.07. Effects of Implementing a Breast Surgery Rotation on 
ABSITE Scores and Surgical Case Volume. P. Kandagatla¹, A. Woodward¹, L. Newman¹, L. Petersen¹ 'Henry Ford Health System, 
Detroit, MI, USA

39.08. Vascular Surgery trends among general surgery residents: 
'09-'16. A. T. Mierzwa¹, S. F. Markowiak¹, S. A. Toraby¹, C. Das¹, 
S. Pannell¹, M. M. Nazzal¹ 'University of Toledo Medical Center, 
Department of Surgery, Toledo, OH, USA

39.09. Better ABSITE Performance with Increased Operative Case 
Load During Surgical Residency. A. R. Marcadis¹, T. Spencer¹, D. 
Sleeman¹, O. C. Velazquez¹, J. I. Lew¹ 'University of Miami, DeWitt 
Daugthy Family Department of Surgery, Miami, FL, USA

39.10. Not All Operative Experiences Are Created Equal: 18 
Year Analysis of a Single Center's Case Logs. A. R. Cortez¹, 
V. K. Dhar¹, J. J. Sussman¹, T. A. Pritts¹, M. J. Edwards¹, R. 
Quillin¹ 'University of Cincinnati, Department of Surgery, Cincinnati, 
OH, USA 'Columbia University College of Physicians and Surgeons, 
Center for Liver Disease and Transplantation, New York, NY, USA

9:30 AM - 10:00 AM  Morning Break in Exhibit Area  GRAND BALLROOM FOYER

9:45 AM - 10:45 AM  AAS FOUNDER'S LECTURE: “Surgical Leadership: Lessons Learned”  GRAND BALLROOM 4-5

Layton F. Rikkers, MD
Professor Emeritus
Divisions of General Surgery
University of Wisconsin School of Medicine and Public Health

INTRODUCTION BY: Rebecca S. Sippel, MD

This presentation is derived from Dr. Rikkers' personal experience as a surgical leader over more than 25 years. These are lessons learned during that time span.

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Description of the various leadership styles and the appropriate use of each.
- Description of emotional intelligence and the key role it plays in leadership.
- Overview of 10 principles essential to effective leadership.

10:45 AM - 11:30 AM  AAS PRESIDENTIAL ADDRESS: “Re-defining Success in Academic Surgery”  GRAND BALLROOM 4-5

Rebecca S. Sippel, MD
Associate Professor and Chief, Division of Endocrine Surgery
University of Wisconsin School of Medicine and Public Health

INTRODUCTION BY: Adil H. Haider, MD, MPH, AAS President-Elect

This session will review current metrics of success in academic surgery and discuss the balance of quantity versus quality. Attendees will learn how to focus your energy to those activities where you can have the greatest impact.

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

- Identify the limitations in our current metrics of success.
- Recognize the importance of quality over quantity in academics.
### EDUCATION COMMITTEE LUNCH SESSION:  
“Applying the Science of Organizational Psychology to Enhance Culture as a Surgical Leader”  

**Session Details:**  
**Moderators:** Kimberly M. Brown, MD & Steven Yule, PhD  
**Speakers:** Kimberly M. Brown, MD, Steven Yule, PhD, Brian Juncker, PhD, & Herbert Chen, MD

In this session, we will equip the surgical leader with the skills needed to establish and maintain an intentional culture within his or her work environment. We address culture assessment in a department, division or service line, applying selection science to recruiting around cultural fit, and implementing cultural change and maintenance in an academic surgical environment.

- Introduction – Kimberly M. Brown, MD
- The Board Room – Steven Yule, PhD
- The Interview Room – Brian Juncker, PhD
- The Operating Room – Herbert Chen, MD
- Audience Q&A – All Speakers

**Learning Objectives:**

At the conclusion of this session, participants will be able to:

- Identify and prioritize aspects of the desired surgical culture for his or her work unit or environment.
- Compare the effectiveness of different processes used for candidate selection in identifying desired attributes.
- Create a strategic plan for establishing the desired culture in his or her work unit or environment.

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### AWS LUNCH SESSION: “Graceful Self-Promotion”  

**Session Details:**  
**Session Chair:** Heena M. Santry, MD  
**Moderators:** Heena M. Santry, MD & Zara Cooper, MD, MSc  
**Speakers:** Amalia L. Cochran, MD, MA, Sherry M. Wren, MD, Steven C. Stain, MD, & Patricia L. Turner, MD

Networking, leveraging contacts, and impressing those who may serve as sponsors is a key component of academic success. In this luncheon session sponsored by the AWS and co-hosted by SBAS, 4 leading academic surgeons with expertise in faculty development and promotion will provide insight into strategies for graceful self-promotion and connecting with sponsors. The role of sponsor, in particular in comparison to mentor, will be discussed. Various techniques to bring attention to one’s interests, talents, successes, and future goals through formal and informal opportunities shall be discussed. At the completion of the session, attendees will understand how to best present themselves and attain opportunities for academic advancement with humility and memorable impact to those in positions to advance one’s career.

- Introduction and Overview of Disparities in Achievement in Academic Surgery Among Women and URM in Surgery – Heena M. Santry, MD & Zara Cooper, MD, MSc
- Tips for Graceful Self-Promotion – Amalia L. Cochran, MD, MA, Sherry M. Wren, MD, Steven C. Stain, MD, & Patricia L. Turner, MD

**Learning Objectives:**

At the conclusion of this session, participants will be able to:

- Articulate the difference between a sponsor and a mentor.
- Describe the various methods to promote one’s skills and talents in prepared and spontaneous ways.
- Develop an “elevator speech”.

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**ELSEVIER LUNCH SESSION:**
“How to Get Your Paper Accepted: Tips From the Editors of Surgery and Journal of Surgical Research”

Thank you to Elsevier for sponsoring this lunch session.

SESSION CHAIRS: Scott A. LeMaire, MD & Michael G. Sarr, MD
SPEAKERS: Kevin Behrns, MD, cott A. LeMaire, MD, & Michael G. Sarr, MD

During this session, three journal editors will help academic surgeons at all levels—medical students, residents, fellows, and faculty members—become more successful in getting their scientific papers accepted for publication. Attendees will learn advanced approaches to writing compelling papers, effectively responding to reviewers, and making necessary revisions.

- Introduction – Michael G. Sarr, MD
- Organizing and Writing Your Paper: Beyond the Basics – Kevin Behrns, MD
- The Final Hurdle: Responding to Reviewers and Revising Your Paper – Scott A. LeMaire, MD
- Do’s and Don’ts for Authors – Michael G. Sarr, MD
- Panel Discussion – All Speakers

**LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Improve their success in getting their scientific papers accepted for publication by applying constructive tips and avoiding key pitfalls when writing and revising manuscripts.
- Apply advanced considerations when writing the introduction, methods, results, and discussion sections, and understand how these approaches will increase the chance of having a manuscript receiving a favorable review.
- Effectively address reviewers’ critiques and revise a manuscript to optimize the likelihood of having it accepted for publication.

**AAS PRESIDENTIAL SESSION:**
“Identify your Passion and Find Purpose in your Career”

SESSION CHAIR: Rebecca S. Sippel, MD
SPEAKERS: Sandy Scott, MPA, FACHE & Laurie K. Cure, PhD

This session will enable attendees to reflect on their own career path and to help them to identify their passions. Through some interactive exercises the attendees will learn how to restructure their work to allow them to find more meaning in their careers.

- Introduction – Rebecca S. Sippel, MD
- Moderator – Rachel R. Kelz, MD, MSCE
- Identify your Passion and Find Purpose in your Career – Sandy Scott, MPA, FACHE & Laurie K. Cure, PhD

**LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Assess how they are spending their time and energy currently.
- Identify the activities that bring the most meaning to their career.
- Prioritize their work to focus their energy on activities that bring purpose to their career.

**2:30 PM - 3:00 PM**
Afternoon Break in the Exhibit Area
Integrated Quick Shot Presentations Session II

SCIENTIFIC PROGRAM

MODERATORS: Filip Bednar, MD, PhD & Timothy L. Frankel, MD

40.01. Modeling of Early Pancreatic Neoplasm Transcriptional Regulation in Mice. J. K. Thompson, H. Crawford 1, 2, M. Pasca Di Magliano 1, F. Bednar 1 University of Michigan, Surgery, Ann Arbor, MI, USA 1University of Michigan, Cell and Developmental Biology, Ann Arbor, MI, USA 1University of Michigan, Molecular and Integrative Physiology, Ann Arbor, MI, USA 1University of Michigan, Internal Medicine, Ann Arbor, MI, USA

40.02. HO-1 Polymorphism and Acute Necrotic Pancreatitis Through V-cam and e-selectin Expression. A. K. Gullina 1, A. Gulbina 1, G. Barauskas 2, Z. Dambrauskas 2 Georgetown University Medical Center, Department of Surgery, Washington, DC, USA 1Vilnius University Hospital, Santaros Clinics, Department of Surgery, Vilnius, SANTARISKIU 2, Lithuania 1Lithuanian University of Health Sciences, Kaunas Clinics, Department of Surgery, Kaunas, Lithuania

40.03. IL-23 Plays an Important Role in Short-Term Survival after Pancreatic Adenocarcinoma Resection. B. A. Krasinski 1, S. M. Winsam 2, Y. Bi 1, P. V. Dickson 1, J. Denewe 1, R. Fields 1, W. G. Hawkins 1, E. S. Glazer 1, 2 Washington University, Surgery, St. Louis, MO, USA 1University of Tennessee Health Science Center, Surgery, Memphis, TN, USA 1University of Tennessee West Cancer Center, Surgery, Memphis, TN, USA

40.04. Diagnosis of Pancreatic Adenocarcinoma via Protein Signatures from Fine Needle Aspirations. M. H. Gerber 1, D. Delitto 1, B. DiVita 1, S. Han 1, R. M. Thomas 1, J. Trevino 1, S. J. Hughes 1 University of Florida, Department of Surgery, Gainesville, FL, USA

40.05. Sphingosine Kinase Type 1 and Type 2 Works Differently in Pancreatic Cancer. M. Nakajima 1, K. Yuzi 1, J. Tsuchida 1, Y. Hirose 1, K. Miura 1, H. Ichikawa 1, Y. Shimada 2, T. Kobayashi 1, J. Sakata 1, H. Kameyama 1, M. Abe 2, K. Sakimura 2, T. Waka 1, M. Nagahashi 1 Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan 1Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan

40.06. Prevention of early liver metastasis after pancreatectomy by NF-kB inhibitor. N. SAITO 1, T. Uwagawa 1, H. Shibai 1, R. Hamura 1, N. Takada 1, H. Sugano 1, T. Horiuchi 1, Y. Shirai 2, T. Ohashi 1, K. Yanaga 1, K. Yanaga 1 Uikei University School of Medicine, Department of Surgery, Minato-ku, TOKYO, Japan

40.07. Glutathione sp and Metabolic Signatures of Physiologic Liver Senescence in the Rodent.. M. Schade 1, J. A. Sanabria 1, R. Aguilar 1, M. Andryka 1, A. Malick 1, J. Fannin 1, J. Sanabria 1, 2 Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA 1Case Western Reserve University School of Medicine, Surgery, Nutrition and Preventive Medicine, Cleveland, OH, USA

40.08. Glutathione sp and Metabolic Signatures of NAFLD/NASH in the Rodent. M. Schade 1, J. Sanabria 1, R. Aguilar 1, M. Andryka 1, A. Malick 1, J. Fannin 1, J. Sanabria 1, 2 Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA 1Case Western Reserve University School of Medicine, Surgery, Nutrition and Preventive Medicine, Cleveland, OH, USA

40.09. A Novel Safer Hsp90 Inhibitor to Overcome Drug Resistant Melanomas. J. N. Sanchez 1, C. Subramanian 1, K. J. Kovatch 1, M. S. Cohen 1, 2 University of Michigan, Department of Pharmacology, Ann Arbor, MI, USA 1University of Michigan, Department of General Surgery, Ann Arbor, MI, USA 1University of Michigan, Department of Otolaryngology Head and Neck Surgery, Ann Arbor, MI, USA

40.10. Stemness, EZH2, and Notch in Melanoma. P. Elliott 1, G. Kaushik 1, B. Roy 1, S. Umar 1, S. Anant 1, J. M. Mamman 1 University of Kansas, Surgery, Kansas City, KS, USA

40.11. High Expression of DMT1 Indicated Better Prognosis in Non-B Non-C Hepatocellular Carcinoma. T. Hoki 1, E. Katsuta 1, L. Yan 1, K. Takabe 2, F. Itó 1, 2 Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA 1Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA 1Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA

40.12. Targeting Sertopic Vesicle 2 Proteins for Treating Neuroendocrine Tumors. J. Whitt 1, J. Oui 1, X. Liu 2, H. Chen 1, R. Jastuk-Sztul 1 University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA 1University of Alabama at Birmingham, Biomedical Engineering, Birmingham, Alabama, USA

40.13. Changes in MiR-200 Family and RASSF2 Expression in Colorectal Cancer and Normal Adjacent Epithelium. V. Stephen 1, J. Carter 2, J. Hallion 1, M. R. Eichenberger 2, E. M. Hattab 2, S. Galandick 1 University of Louisville, Department of Surgery, Louisville, KY, USA 1University of Louisville, Department of Pathology, Louisville, KY, USA

40.14. High Levels of Sphingolipids in Human Pancreatic Cancer. K. Yuzi 1, M. Nagahashi 1, Y. Hirose 1, M. Nakajima 1, K. Miura 1, H. Ichikawa 1, Y. Shimada 2, T. Kobayashi 1, J. Sakata 1, H. Kameyama 1, M. Abe 2, K. Sakimura 2, T. Waka 1, M. Nagahashi 1 Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan 1Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan

40.15. H2AX Expression Discriminates Between Benign and Malignant Biliary Tract Biopsy Specimens. Y. Hirose 1, M. Nagahashi 1, H. Ishikawa 1, K. Yuzi 1, K. Miura 1, H. Ichikawa 1, Y. Shimada 1, H. Kameyama 1, J. Sakata 1, T. Kobayashi 1, T. Waka 1 Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan

40.16. Possible Role of HOX genes in Pancreatic Ductal Adenocarcinoma Survival. K. Takabe 1, J. K. Thompson 2, M. Haas 1 Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA 1Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA

40.17. Human Biliary Tract Cancer Contains High Levels of S1P. Y. Hirose 1, M. Nagahashi 1, K. Yuzi 1, K. Miura 1, H. Ichikawa 1, Y. Shimada 2, H. Kameyama 1, J. Takabe 2, T. Waka 1 Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan

40.18. Dysregulation of Sphingolipids in Human Hepatocellular Carcinoma. K. Miura 1, M. Nagahashi 1, Y. Hirose 1, T. Kobayashi 1, J. Sakata 1, H. Kameyama 1, Y. Shimada 1, H. Ichikawa 1, K. Takabe 2, T. Waka 1 Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan 1Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA 1University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA

40.19. Effect of HO-3867, a novel curcumin analog, on cholangiocarcinoma. H. Kazik 1, S. Kunnimalaiyaan 1, T. Gamblin 1, M. Kunnimalaiyaan 1 Medical College of Wisconsin, Surgical Oncology, Milwaukee, WI, USA

40.20. the role of CDK5 in Prostate Cancer Transdifferentiation. D. W. Hose 1, A. Carter 2, C. Morrisssey 1, J. Bibb 1 University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA 1University of Washington, Seattle, WA, USA

CITY TERRACE

2:30 PM - 4:30 PM
41. BASIC SCIENCE: TRAUMA/CRITICAL CARE QUICKSHOT SESSION

MODERATORS: Philip A. Efron, MD & Timothy A. Pitts, MD, PhD

41.01. the Uniquely-Human CHRFAM7A Gene Alters Ligand Binding to the -7 Nicotinic Acetylcholine Receptor. T. Chan\(^1\), E. Williams\(^1\), B. Eliceri\(^1\), A. Baird\(^1\), T. Costantini\(^1\) \(^1\)University of California - San Diego, Division of Trauma, Surgical Critical Care, Burns and Acute Care Surgery/Department of Surgery, San Diego, CA, USA

41.02. Paradoxical Suppression of a Subset of Circulating Mediators in the Most Severely Injured Patients. A. J. Lamparello\(^1\), R. A. Namas\(^1\), I. Billiar\(^1\), Y. Vodovozt\(^1\), T. R. Billiar\(^1\) \(^1\)University of Pittsburgh, Pittsburgh, PA, USA

41.03. Immune Genetic Expression Correlates with Discharge Location and Poor Outcomes in Trauma Patients. J. E. Vidosh\(^1\), D. E. Trimble\(^1\), M. P. Kluhe\(^1\), E. Otles\(^1\), C. Wu\(^2\), L. M. Frydrych\(^1\), J. Cuschieri\(^1\), M. J. Delano\(^2\) \(^1\)University of Michigan, Department of Surgery, Division of Acute Care Surgery, Ann Arbor, MI, USA \(^2\)University of Washington, Department of Surgery, Seattle, WA, USA

41.04. Effects of the Duration of Aortic Balloon Occlusion on Outcomes of Traumatic Cardiac Arrest in Swine. J. Xu\(^1,2\), P. Shen\(^1,2\), S. Xia\(^1\), S. Liu\(^1,2\), Z. Li\(^2\), M. Zhang\(^1,2\) \(^1\)Department of Emergency Medicine, Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, ZHEJIANG, China \(^2\)Institute of Emergency Medicine, Zhejiang University, Hangzhou, ZHEJIANG, China \(^2\)Department of Emergency Medicine, Yuyao People’s Hospital, Medical School of Ningbo University, Yuyao, ZHEJIANG, China \(^2\)Department of Intensive Care Medicine, the First Hospital of Jiaxing, Jiaxing, ZHEJIANG, China

41.05. Coconut Water Reduces Hepatic Ischemia/Reperfusion Injury and Secondary Lung Injury. K. N. Wright\(^1\), A. Motamen\(^1\), J. Lakshmanan\(^1\), B. Zhang\(^1\), B. G. Harbrecht\(^1\) \(^1\)University of Louisville, Department of Surgery, Louisville, KY, USA

41.06. Heme oxygenase-1 promoter polymorphisms influences nosocomial infections following trauma. P. Waltz\(^1\), T. Cyri\(^1\), R. Namas\(^1\), Y. Vodovozt\(^1\), R. Shapiro\(^1\), B. Zuckerbraun\(^1\) \(^1\)University of Pittsburgh, Pittsburgh, PA, USA

41.07. Pursuit of Biomarkers for Radiation Exposure Using a Two Model Approach. J. S. Vazquez\(^1\), J. L. Clifford\(^1\), M. C. Bravo\(^1\), T. Orfeo\(^1\), M. McLawhorn\(^2\), L. T. Moffatt\(^1\), K. E. Brummel-Ziedins\(^2\), J. W. Shupp\(^1,2\) \(^1\)MedStar Washington Hospital Center, the Burn Center, Department of Surgery, Washington, DC, USA \(^2\)Firefighters Burn and Surgical Research Laboratory, Washington, DC, USA

41.08. Formalizing analysis of intentional trauma with a population-level iterated Prisoner’s Dilemma Model. O. Khanolkar\(^2\), G. Ani\(^1\) \(^1\)University of Chicago, Surgery, Chicago, IL, USA \(^2\)University of Illinois at Chicago, College of Medicine, Chicago, IL, USA

41.09. A CIRP-derived Peptide Attenuates Inflammation and Tissue Injury after Gut Ischemia-Reperfusion. J. T. McCinn\(^1\), W. Yang\(^1\), F. Zhang\(^1\), M. Azziz\(^1\), J. M. Nicastro\(^1\), G. Coppa\(^1\), P. Wang\(^1,2\) \(^1\)Northwell Health, Surgery, MANHASSET, NEW YORK, USA \(^2\)The Feinstein Institute for Medical Research, Center for Immunology and Inflammation, MANHASSET, NEW YORK, USA

41.10. Source Control Mitigates Hypothermia and Prevents Lymphopenia in Septic Mice. A. M. Pugh\(^1\), L. K. Winer\(^1\), V. Nomellini\(^1,2\), C. C. Caldwell\(^1\) \(^1\)University of Cincinnati, Division of Research, Department of Surgery, Cincinnati, OH, USA \(^2\)University of California - San Diego, Division of Trauma, Critical Care, and Acute Care Surgery, Cincinnati, OH, USA

41.11. Pulsed Ultrasound of the Spine Reduces Inflammatory Response in Rats with Severe Sepsis. E. J. Charles\(^1\), B. Miao\(^1\), R. G. Sawyer\(^1\), Z. Yang\(^1\) \(^1\)University of Virginia, Surgery, Charlottesville, VA, USA

41.12. Effects of Propranolol and Clonidine on Bone Marrow Cytokines following Trauma and Chronic Stress. E. Miller\(^1\), T. J. Loftus\(^1\), J. Millar\(^1\), K. Kannan\(^1\), I. Alamo\(^1\), J. Plazas\(^1\), P. Efron\(^1\), A. Mohr\(^1\) \(^1\)University of Florida, Department of Surgery, Gainesville, FL, USA

41.13. Angiopoietin Dysregulation Following Severe Pediatric Trauma and Its Correlation with Endotheliopathy. R. P. Richter\(^1\), P. J. Hu\(^1\), R. M. Uhlich\(^1\), M. Shroyer\(^1\), D. J. Kerby\(^1\), J. F. Pittet\(^1\), R. T. Russell\(^1\), J. R. Richter\(^1\) \(^1\)University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA \(^2\)University of Alabama at Birmingham, Pediatric Critical Care Medicine, Birmingham, Alabama, USA \(^3\)University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

41.14. Ceramide Contributes to Neutrophil Dysfunction in a PICS Murine Model. L. K. Winer\(^1\), A. M. Pugh\(^1\), E. Gulbins\(^1\), C. C. Caldwell\(^1\), V. Nomellini\(^1\) \(^1\)University of Cincinnati, Division of Research, Department of Surgery, Cincinnati, OH, USA \(^2\)University of California - San Diego, Division of Trauma, Critical Care, and Acute Care Surgery, Department of Surgery, Cincinnati, OH, USA \(^3\)University of Duisburg-Essen, Department of Molecular Biology, Essen, GERMANY, Germany

41.15. IN-VITRO MODEL of MINOR AORTIC INJURY DEMONSTRATES SHEAR FORCES FACILITATING AORTIC CRACK PROPAGATION. J. Rabin\(^1\), A. Siddiqui\(^1\), J. Gipple\(^1\), J. Gaughan\(^1\), B. D. Holden\(^1\), T. O. Baslanti\(^1\), Z. Wang\(^1\), G. Ghiita\(^1\), S. Brakenridge\(^1\), A. Bihorac\(^1\), P. Efron\(^1\), F. Moore\(^1\), L. L. Moldawer\(^1\) \(^1\)University of Florida, College of Medicine, Gainesville, FL, USA

41.16. Single Dose Toxicity of Adenosine, Lidoacine, and Magnesium (ALM) Solution in a Murine Model. D. Rattigan\(^2\), J. Wang\(^1\), J. Marcotte\(^1\), R. Irons\(^1\), K. Cahill\(^1\), P. Zheng\(^1\), J. Gaughan\(^1\), S. Brown\(^1\), J. Carpenter\(^1\), G. Dobson\(^1\), J. P. Hazeltin\(^1\) \(^1\)Cooper University Hospital, Camden, NJ, USA \(^2\)James Cook University, College of Medicine and Dentistry, Townsville, QUEENSLAND, Australia

41.17. Supercomputing Precision MODS: Insights from an in silico cohort of 2 Billion simulated patients. C. Cockrell\(^1\), G. Ani\(^1\) \(^1\)University of Chicago, Surgery, Chicago, IL, USA

41.18. Rapid Detection of Clostridium difficile Toxins in Serum by Raman Spectroscopy.. S. Koya\(^1\), J. V. Martin\(^1\), S. Yurugevici\(^1\), D. M. Liberati\(^1\), M. Brusatori\(^1\), C. Huang\(^1\), G. W. Auner\(^1\), L. N. Diebell\(^1\) \(^1\)Wayne State University, Smart Sensors and Integrated Microsystems (SSIM) and Michael and Marian Ilitch Department of Surgery/School of Medicine, Detroit, MI, USA

41.19. Integrated Quick Shot Presentations Session II
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<th>Session</th>
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<tr>
<td>42.02</td>
<td>Acute Post-Ischemic Application of Estrogen to Ameliorating Myocardial Ischemia/Reperfusion Injury</td>
<td>Y. Yang, L. Wang, M. Turrentine, M. Wang, Indiana University School of Medicine, Cardiothoracic Surgery/Surgery, Indianapolis, IN, USA</td>
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<td>42.03</td>
<td>Myocardial Injection of Microvesicles and Peripheral Inflammatory Signaling</td>
<td>L. A. Scrimgeour, B. A. Potz, V. I. Pavlov, A. Y. Gorvitsovaia, B. Colantuono, N. R. Sodha, R. Abid, F. W. Sellke, Brown University School of Medicine, Cardiothoracic Surgery, Providence, RI, USA</td>
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<td>42.04</td>
<td>Leptinemia Is Associated With Peripheral Artery Disease</td>
<td>G. J. Zahnser, J. Ramirez, V. Ly, K. A. Spaulding, S. A. Khetani, N. K. Hills, C. Grunfeld, A. L. Schafer, W. J. Gabel, M. Grenon, University of California - San Francisco, Department of Surgery, San Francisco, CA, USA, University of California - San Francisco, Department of Epidemiology and Biostatistics, San Francisco, CA, USA, University of California - San Francisco, Department of Medicine, San Francisco, CA, USA, San Francisco VA Medical Center, Surgery, San Francisco, CA, USA, San Francisco VA Medical Center, Metabolism Section, San Francisco, CA, USA, San Francisco VA Medical Center, Endocrine Research Unit, San Francisco, CA, USA</td>
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<td>42.05</td>
<td>PAR1 Agonists Stimulate APC-like Endothelial Cytoprotection</td>
<td>A. Morales Allende, K. De Ceuynick, S. Chaudhry, C. Peters, A. Jain, S. Higgins, O. Aikou, J. Fitch-Tewfik, C. Dockendorff, S. Parikh, D. Inger, R. Flumenhaft, Brown University Deaconess Medical Center, Vascular Surgery, Boston, MA, USA</td>
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<td>42.06</td>
<td>Depression Severity and Increased Inflammation in Veterans with Peripheral Artery Disease</td>
<td>N. V. Hernandez, S. Grenon, J. L. Ramirez, S. A. Khetani, W. J. Gabel, D. Lindqvist, O. M. Wolkowitz, N. K. Hills, G. J. Zahnser, Veterans Affairs Medical Center, Vascular Surgery Section, San Francisco, CA, USA, University of California - San Francisco, Department of Psychiatry, San Francisco, CA, USA, University of California - San Francisco, Department of Epidemiology and Biostatistics, San Francisco, CA, USA, University of California - San Francisco, Department of Surgery, San Francisco, CA, USA</td>
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<td>42.07</td>
<td>Nanofibrous Microsphere Mediated High Engraftment of hESC-Cardiomyocytes in Heart Regeneration</td>
<td>Z. Wang, S. Tian, Q. Liu, I. Lei, C. Zhao, L. Wang, L. Bu, P. X. Ma, Z. Wang, University of Michigan, Cardiac Surgery, Ann Arbor, MI, USA, University of Michigan, Biological and Material Sciences/Dentistry, Ann Arbor, MI, USA, New York University School of Medicine, Leon H Charney Division of Cardiology, New York, NY, USA</td>
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<td>42.08</td>
<td>Differential Expression of FAS and NKLAM in Patients Undergoing Carotid Endarterectomy</td>
<td>N. Harroun, G. S. De Savio, J. Kombliha, L. A. Sanchez, M. A. Zayed, M. J. M. Sanchez, Washington University In St. Louis, Division of Vascular Surgery, Saint Louis, MO, USA, Veterans Affairs St. Louis Health Care System, Division of Vascular Surgery, Saint Louis, MO, USA, Saint Louis University School of Medicine, Department of Pathology, Saint Louis, MO, USA</td>
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43.01. Decision Making Roles among Diverse Patients with Cancer. A. De Roo1, M. Miller2, A. Antunez2, C. Kim1, A. Morris2 1University of Michigan, General Surgery, Ann Arbor, MI, USA; 2Stanford University, General Surgery, Palo Alto, CA, USA

43.02. Why is Hyperparathyroidism Under-diagnosed and Under-treated in Older Adults? A. Dombrowsky1, B. Borg1, R. Xie1,2, J. K. Kirklin1,2, H. Chen1, C. Balentine1,2,3 1University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA; 2Kirklin Institute for Research In Surgical Outcomes, Birmingham, AL, USA; 3University of Alabama at Birmingham, Institute for Cancer Outcomes & Survivorship, Birmingham, Alabama, USA

43.03. Pelvic Exenteration for Locally Advanced Rectal Cancer in a Safety Net Hospital. A. Zimmerman1, E. Rachlin1, C. Rog1, C. Hsu1, E. Silberfein1 1Baylor College of Medicine, Surgical Oncology, Houston, TX, USA

43.04. African American race associated with higher cost of surgical care for thyroidectomy. S. Jiang1, C. J. Balentine1, H. Chen1 1University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA; 2Howard Hughes Medical Institute, Chevy Chase, MD, USA

43.06. the Urban Versus Rural Divide for Completion Thyroidectomy: A Profile From Two States. J. R. Imbus1, Y. Shan1, N. Brys1, G. LeVerson1, J. Havlena1, N. Zaborek1, S. Pitt1, D. F. Schneider1 1University of Wisconsin, Surgery, Madison, WI, USA

43.07. Thyroid Cancer Disparities Among Native and Foreign-Born Hispanics in South Florida. O. Picado1, A. R. Marcadia, E. N. Kobetz1, R. R. Balise1, J. I. Lew1 1University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

43.08. Lymph Node Harvest and Survival in Gastric Cancer: A Single Institution Experience. C. Rog1, L. Brubaker1, C. Hsu1, E. Silberfein1 1Baylor College of Medicine, Surgical Oncology, Houston, TX, USA

43.10. Survival Disparities In Patients With Pancreatic Neuroendocrine Tumors. J. Osusky1, J. A. Castellanos1, C. E. Bailey1, N. Baregianian1 1Vanderbilt University Medical Center, General Surgery, Nashville, TN, USA

43.13. Can Preoperative Thyroglobulin level Predict Thyroid Cancer in Atypia Lesion of Thyroid Nodule? A. Alhefdi1,2, T. ATayyar1, M. Alshehri2, S. Alqahtani1, S. ALsobhi1, A. Alhefdi1,2 1King Faisal Specialist Hospital & Research Center, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia; 2Alfaisal University, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia

43.14. Thyroidectomy Then and Now – A 50-year Australian Perspective. D. I. Maher1, B. Hill1, M. Yeung1, S. Grodski1, J. W. Serpell1, J. C. Lee1,2 1Alfred Hospital, Monash University Endocrine Surgery Unit, Melbourne, VIC, Australia; 2Monash University, Department of Surgery, Melbourne, VIC, Australia

43.15. Ten-Year Ultrasound Follow-ups of Thyroid Surgeries - A Single Institute Experience. T. Zhan1, A. Ali1, C. Hur2,3, C. C. Lubitz1,2 1Massachusetts General Hospital, Department of Surgery, Boston, MA, USA; 2Massachusetts General Hospital, Institute for Technology Assessment, Boston, MA, USA; 3Massachusetts General Hospital, Division of Gastroenterology, Boston, MA, USA

43.16. Does Vitamin D Deficiency Cause Hyperparathyroidism? L. F. Negrete Cervantes1, F. Cordera1, D. Cabas1, E. Moreno1, E. Luque1, M. Muñoz1, E. Cruz1, D. Valdez1, J. Sanchez1, R. Arrangoiz1 1The American British Cowdray Medical Center, Sociedad Quirurgica at Department of Surgical Oncology and Head and Neck Tumors, Mexico City, Mexico

43.17. Perioperative Considerations for Bloodless Pancreatic Surgery: A Systematic Review. M. Khalili1, W. F. Moran2, L. Marconcini2, M. Sheikhi1, M. Styler1, M. Zebrower2, W. Bowne1 1Drexel University College of Medicine, Division of Surgical Oncology/Department of Surgery, Philadelphia, PA, USA; 2Drexel University College of Medicine, Division of Anesthesia/Perioperative Medicine, Philadelphia, PA, USA; 3Drexel University College of Medicine, Division of Hematology & Oncology/Department of Medicine, Philadelphia, PA, USA

43.18. Race Predicts Completion of Neoadjuvant Chemotherapy for Breast Cancer. A. T. Kibsey1, J. H. Mehaffey1, A. D. Michaels1, D. R. Brenin1, A. T. Schroen1, S. Snowalter1 1University of Virginia, Department of Surgery, Charlottesville, VA, USA; 2University of Virginia, School of Medicine, Charlottesville, VA, USA

43.19. the impact of breast lumpectomy tray utilization on cost-savings. E. B. Malone1, J. R. Baldwin1, J. Richman1, R. B. Lancaster1, H. Krontrias1, C. C. Parker1 1University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA; 2University of Miami Leonard M. Miller School of medicine, Miami, FL, USA

43.20. Assessment of breast symmetry in breast cancer patients undergoing therapeutic mammoplasty. R. Madada-Nyakauru1, R. Vella-Baldacchino2, A. Bellizzì1, F. Kazzazzi3, P. Forouhi1, C. Malata1,2,3 1Cambridge University Hospitals NHS Foundation Trust, Plastic Surgery, Cambridge, Cambridge, United Kingdom; 2University of Cambridge, School of Clinical Medicine, Cambridge, Cambridgeshire, United Kingdom; 3University of Malta, Malta Medical School, Msida, MALTA, Malta; 4Addenbrooke’s Hospital, Cambridge Breast Unit, Cambridge, Cambridgeshire, United Kingdom; 5Addenbrooke’s Hospital, Plastic & Reconstructive Surgery, Cambridge, Cambridgeshire, United Kingdom; 6Anglia Ruskin University, Postgraduate Medical Institute, Faculty of Medical Science, Cambridge, Cambridgeshire, United Kingdom
44.01. Changing Landscape of Cardiac Complications Following Pulmonary Lobectomy: Impact of Approach. Y. Sanaiha, K. Bailey, Y. Seo, E. Aguayo, V. Dobaria, A. Iyengar, P. Benharash1 1David Geffen School of Medicine, University of California at Los Angeles, Cardiac Surgery, Los Angeles, CA, USA

44.02. Clinical Characteristics and Surgical Outcomes of Quadricuspid Aortic Valve. K. Yin1, Z. Zhang1, L. Dong1, Y. Lin1, C. Wang1 1Zhongshan Hospital of Fudan University, Department of Echocardiography, Shanghai, SHANGHAI, China 2Zhongshan Hospital of Fudan University, Department of Cardiac Surgery, Shanghai, SHANGHAI, China 1Harvard Chan School of Public Health, Boston, MA, USA

44.03. Outcomes of Packed Red Blood Cell and Platelet Transfusion on Aortic Dissection Patients after Surgery. S. Naem1, G. Baird2, N. Mehta3, F. Sellek1, A. Ehsan1 1The Warren Alpert Medical School, Cardio-Thoracic Surgery, Providence, RHODE ISLAND, USA 2Rhode Island Hospital, Lifespan Bio-Statistics, Providence, RHODE ISLAND, USA

44.04. Lower Hematocrit Levels are Associated with Neurocognitive Decline after Cardiac Surgery. A. Y. Gorvitovskaya1, L. A. Scrimgeour1, B. A. Potz1, C. D. Gordon1, N. Sellek1, A. Kuczmarski1, J. G. Fingleton1, A. Ehsan1, N. R. Sodha1, F. W. Sellek1 1Brown University School of Medicine, Division of Cardiothoracic Surgery, Providence, RI, USA

44.05. Effect of HbA1c on Post-Operative Outcomes after On-Pump CABG. S. Kong1, M. Peltz2, L. C. Huffman1, P. Bajona1, M. A. Wait1, N. Doshi1, R. Correa1, W. Ring1, M. Jessen1, J. Pruszynski1 1UT Southwestern Medical Center, Department of Cardiovascular and Thoracic Surgery, Dallas, TX, USA

44.07. Early Outcomes of Adult Patients Who Undergo Proximal Aortic Surgery with del Nido Cardioplegia. J. L. Liao1,2, M. D. Price1, S. Y. Green1, H. Amarasekara1, J. S. Coselli1, S. A. LeMaire1, O. Preventza1 1Indiana University School of Medicine, Indianapolis, IN, USA 2Baylor College of Medicine, Cardiothoracic Surgery, Houston, TX, USA

44.08. The Effect of Alcohol Abuse on Peri-operative Outcomes among Cardiac Surgery Patients. M. M. Jamii1, A. Akujuo1, M. Tafen Wandji1, J. Ortiz1 1Albany Medical College, Albany, NY, USA 2University of Toledo Medical Center, Surgical Education, Toledo, OH, USA

44.09. Perioperative Renal Replacement Therapy Predicts Mortality in Mechanical Circulatory Support. J. M. Tatum1, M. L. Barr1, B. Abt1, M. E. Bowdish1 1Keck School of Medicine of the University of Southern California, Division of Cardiothoracic Surgery, Los Angeles, CA, USA

44.10. Nasal Oxygen Supplementation in Asymptomatic Thoracic Surgery Patients. M. H. Chowdhury1, R. G. Vaghianni1, P. S. Adusumilli1 1Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA 2Memorial Sloan-Kettering Cancer Center, Thoracic Service, Department of Surgery, New York, NY, USA

44.11. Atrial Fibrillation After Anatomic Lung Resection: Amiodarone Prophylaxis and Risk Stratification. E. D. Porter1, K. A. Fay1, T. M. Millington1, D. J. Finley1, J. D. Phillips1 1Dartmouth-Hitchcock Medical Center, Department of Thoracic Surgery, Lebanon, NH, USA 2Dartmouth-Hitchcock Medical Center, Department of General Surgery, Lebanon, NH, USA

44.12. Hemodialysis as a Predictor of Outcomes After Isolated Coronary Artery Bypass Grafting. R. S. Elsayed1, B. Abt1, W. J. Mack1, A. Liu1, J. K. Siegel1, M. L. Barr1, R. G. Cohen1, C. J. Baker1, V. A. Starres1, M. E. Bowdish1 1University of Southern California, Cardiothoracic/Surgery/Keck School of Medicine, Los Angeles, CA, USA 2University of Southern California, Preventative Medicine, Los Angeles, CA, USA

44.13. Primary Neoplasm of the Chest Wall: Outcomes after Surgical Resection. P. Sugarbaker1, K. S. Mehta1, I. Christle1, W. E. Gooding1, O. Awais1, M. J. Schuchert1, J. D. Luketich1, A. Pannathur1 1University of Pittsburgh Medical Center, Department of Cardiovascular Surgery, Pittsburgh, PA, USA 2University of Pittsburgh Cancer Institute Biostatistics Facility, Department of Biostatistics, Pittsburgh, PA, USA

44.15. Sternal Device for Open Heart Surgical Procedure. M. A. Kashem1, G. Ramakrishnan1, V. Dulam1, J. Gomez-Abraham1, S. Guy1, Y. Toyoda1 1Temple University, Cardiovascular Surgery, Philadelphia, PA, USA

44.16. A Narrative Review of 3D Printing in Cardiac Surgery. J. Wang1,4, J. Coles-Black1,4, G. Matalanis1, J. Chuen1,4 1The University of Melbourne, Department of Surgery, Melbourne, VICTORIA, Australia 2Austin Health, Department of Cardiac Surgery, Melbourne, VICTORIA, Australia 3Austin Health, Department of Vascular Surgery, Melbourne, VICTORIA, Australia 4Austin Health, 3D Medical Printing Laboratory, Melbourne, VICTORIA, Australia

44.17. Expedited Discharge Does Not Increase the Rate or Cost of Readmission After Pulmonary Lobectomy. R. A. Jean1,2, A. S. Chiu1,2, D. J. Boffa1,2, A. W. Kim1,2, F. C. Detterbeck1,2, J. D. Blasberg3 1Yale University School of Medicine, Department of Surgery, New Haven, CT, USA 2Yale University School of Medicine, National Clinician Scholars Program, New Haven, CT, USA 3Yale University School of Medicine, Section of Thoracic Surgery, Department of Surgery, New Haven, CT, USA 4University of Southern California, Division of Thoracic Surgery, Department of Surgery, Los Angeles, CA, USA

44.18. Late GI Bleeding is More Prevalent With Transcatheter Compared to Surgical Aortic Valve Replacement. A. Iyengar1, E. Aguayo1, Y. Seo1, K. L. Bailey1, Y. Sanaiha1, O. Kwon1, W. Toppen1, P. Benharash1 1University of California - Los Angeles, David Geffen School of Medicine, Los Angeles, CA, USA 2University of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA 3University of California - Los Angeles, General Surgery, Los Angeles, CA, USA 4University of California - Los Angeles, Internal Medicine, Los Angeles, CA, USA

44.19. Does Robotic Lobectomy Improve Outcomes in Patients with Poor Pulmonary Function?. P. J. Kneuerz1, D. M. D’Souza2, S. D. Moffatt- Bruce1, R. E. Meritt1 1The Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA
45. CLINICAL/OUTCOMES: CROSS-DISCIPLINARY QUICKSHOT SESSION  

MODERATORS: Richard Hanney, MBBS, FRA & Caroline E. Reinke, MD, MSPH

45.02. Hospital Teaching Status Impacts Surgical Discharge Efficiency. P. M. Dowzicky1, C. Wirtalla1, J. H. Fieber1, I. Berger2, S. Raper1, R. R. Kelz1 1University of Pennsylvania, Surgery, Philadelphia, PA, USA 2University of Pennsylvania, School of Medicine, Philadelphia, PA, USA

45.03. Electrocceutical Technology Against Bacterial Drug Resistance. S. Roy1, A. Das1, S. Mathew1, P. D. Ghatak1, S. Khanna1, S. Prakash1, V. Subramaniam2, D. J. Wozniak3, C. K. Sen1 1The Ohio State University Wexner Medical Center, Comprehensive Wound Center, Center for Regenerative Medicine and Cell Based Therapies, Department of Surgery, Davis Heart and Lung Research Institute, Columbus, OHIO, USA 2The Ohio State University, Department of Mechanical and Aerospace Engineering, Columbus, OHIO, USA 3The Ohio State University, Department of Microbial Infection and Immunity, Department of Microbiology, Center for Microbial Interface Biology, Columbus, OHIO, USA

45.04. Measurement of Factors Associated with Delays in Pain Medication Administration. J. Hwang1, S. E. De Palm1, M. Massimiani1, E. LaMura1, K. Sigafus2, S. M. Nazarian1 1Hospital of the University of Pennsylvania, Medical-Surgical Specialty Nursing, Philadelphia, PA, USA 2University of Pennsylvania, Department of Surgery, Division of Transplant Surgery, Philadelphia, PA, USA

45.05. Kyphoplasty: Height Restoration & Injected Cement Volume Not Associated with Increased Quality of Life. D. M. Seif1, J. Amburgey1, J. Mooney1, M. R. Chambers2 1University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Department of Neurosurgery, Birmingham, Alabama, USA

45.06. Do Surgeon Demographics and Surgical Specialty Drive Patient Experience Scores?. K. E. Engelhardt1,2, R. S. Matulewicz1, J. O. DeLancy1, C. Quinn2, L. Kreutzer1, K. Y. Biliomoria1 1Northwestern University, Department of Surgery, Chicago, IL, USA 2Northwestern University, Department of Chemical and Biological Engineering, Chicago, IL, USA

45.07. The Effect of Author Gender on Sex Bias in Surgical Research. N. Xiao1, N. Mansukhani1, D. Fregoletten1, M. Kibbe1,2 1Northwestern University, Department of Surgery, Chicago, IL, USA 2Northwestern University, Department of Chemical and Biological Engineering, Chicago, IL, USA

45.08. Black Patients have Higher Rates of Readmission following General Surgical Operations. S. E. Roberts1, C. J. Wirtalla1, P. Dowzicky1, R. Hoffman1, C. Aarons1, R. R. Kelz1 1Perelman School of Medicine, University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA

45.09. Hospital Mortality Surveillance in a Tertiary Hospital in Rwanda: “CHUK”. F. BYIRINGIRO1, J. BYIRINGIRO1 1University of Rwanda, Department of Surgery, KIGALI, Rwanda

45.10. Identification of Social Determinants of Health Leads to Referrals to Community Resources. M. J. Adair1, R. Schimmoller1, L. Hammerling1, R. Oostra1, S. F. Markowiak2, C. Das2, F. C. Brunicardi1,2 1ProMedica Health System, Department of Medicine, Toledo, OHIO, USA 2University of Toledo, Department of Surgery, Toledo, OHIO, USA

45.11. Qualitative Analysis of Clinical Decompensation in the Surgical Patient: Perceptions of Nurses and Physicians. C. R. Horwood1, M. Rayo1, M. Fitzgerald1, S. D. Moffatt-Bruce1 1Ohio State University, Columbus, OH, USA

45.12. HOSPITAL-ACQUIRED ASPIRATION: RISK FACTORS for MORTALITY. A. L. Lubitz1, T. A. Santora1, A. Pathak1, J. A. Shinefeld1, A. P. Johnson1, A. J. Goldberg1,2, H. A. Pilt1 1Temple University, Department of Surgery, Lewis Katz School of Medicine, Philadelphia, PA, USA 2Temple University, Temple University Health System, Philadelphia, PA, USA 3Thomas Jefferson University, Department of Surgery, Sidney Kimmel Medical College, Philadelphia, PA, USA

45.13. Palliative Care Consultation is Underutilized in Critically Ill Surgical Patients. M. C. Turner1, B. C. Evans2, C. Sommer1, L. Pickett1, A. Galano2 1Duke University Medical Center, Surgery, Durham, NC, USA 2Duke University Medical Center, Medicine, Durham, NC, USA 3Duke University Medical Center, School of Medicine, Durham, NC, USA

45.14. Comparison of Preoperative Workflows for Elective Hiatal Hernia Repair and Effect on Patient Burden. C. E. Kein1, S. Y. Yang1, S. Gupta1, A. S. Manjunathan1, A. A. Mazurek1, R. M. Reddy1 1University of Michigan, Ann Arbor, MI, USA

45.15. Tunneled Central Venous Catheters in Pediatric Intestinal Failure Patients: A Single Center Review. R. F. Martin1, K. T. Anderson1,2, M. A. Bartz-Kurycki1,2, G. M. Ganwood1, S. N. Wythe1, D. N. Supak1, R. Gutierrez1, M. T. Austin1,2, A. L. Kagawuchi1,2, A. L. Speer1,2, E. Imes1,2, K. P. Lally1,2, K. Tsaol3,4 1McGovern Medical School, University of Texas Health Sciences Center at Houston, Houston, TX, USA 2Children’s Memorial Hermann Hospital, Houston, TX, USA

45.16. Differential Access to Commonly Prescribed Medications in Rural and Urban Retail Pharmacies. J. A. Whitley1,2, K. Kieran1 1Seattle Children’s Hospital, Urology, Seattle, WA, USA 2Rice University, Houston, TX, USA

45.17. Localized Risk-Adjustment for the Comparison of Surgical Performance. J. Alberg1, R. Miller1, D. Gowie1, C. Divino1 1Mount Sinai School of Medicine, New York, NY, USA

45.18. Strategies to Maximize the Detection and Treatment of Perioperative Hyperglycemia. V. N. O’Reilly-Shah1,2, E. W. Duggan1, G. C. Lynde1 1Emory University School of Medicine, Anesthesiology, Atlanta, GA, USA 2Children’s Healthcare of Atlanta, Pediatric Anesthesiology, Atlanta, GA, USA

45.19. Opioid Prescribing for Acute Pain: Surgeons vs. Emergency Medicine Physicians. J. S. Lee1, C. M. Brummett1, J. F. Waljee1, M. J. Englese1 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA 2University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA

45.20. Telehealth Provides a Comprehensive Approach to the Surgical Patient. K. S. Nandra1, G. Koeng1, A. DelMastro1, C. Ye0 1Thomas Jefferson University Hospital, Surgery, Philadelphia, PA, USA
46.01. Quality of Life in Patients with MEN-2 Compared to US Normative and Chronic Disease Populations. M. N. Mongelli¹, I. Helenowski¹, S. Youn¹, C. Sturgeon¹ ¹Feinberg School of Medicine - Northwestern University, Chicago, IL, USA

46.02. Indocyanine Green Lymphangiography for Thoracic Duct Identification During Neck Antecubital Vein Dissection. D. T. Hughes¹, N. M. Espinosa¹, A. G. Antunez¹, C. Moore¹, John H. Blue⁰, R. M. Sippel ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

46.03. Sub-classification of thyroid nodules with atypia of undetermined significance: Does it matter?. N. Eisa¹, A. Khan¹, M. Fensterwald¹, S. Saleem¹, M. A. Akhter¹, M. J. Campbell¹ ¹University of California - Davis, Department of Surgery, Sacramento, CA, USA ¹University of California - Davis, Department of Internal Medicine, Sacramento, CA, USA ¹University of California - Davis, School of Medicine, Sacramento, CA, USA

46.04. Well-Differentiated Thyroid Cancer and Robotic-Assisted Surgery: Experience at a Single Institution. M. E. Garstka¹, K. Moshin¹, D. Bu Ali¹, H. Shalaby¹, K. Ibraheem¹, M. Abdulgawad¹, L. Saparova¹, S. Kang¹, E. Kandill¹ ¹Tulane University School of Medicine, Department of Surgery, New Orleans, LA, USA

46.05. Lowest Intraoperative Parathyroid Hormone Level As a Predictor of Cure Following Parathyroidectomy. J. Cifflin¹, A. Ditt¹, H. M. Espinosa¹, A. G. Antunez¹, D. T. Hughes² ¹University of Michigan, Medical School, Ann Arbor, MI, USA ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA

46.06. An Additional 20 Minute ioPTH Measurement Minimizes Bilateral Neck Exploration. Z. F. Khan¹, R. Teo¹, M. L. Mao¹, J. C. Farrá¹, J. I. Lew¹ ¹University of Miami, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, University of Miami Leonard M. Miller School of Medicine, Miami, FL, USA

46.07. The posterior Adiposity Index: A Quantitative Selection Tool for Adrenalectomy Approach. B. M. Lindeman¹, A. A. Gawande², F. D. Moore², N. L. Cho², G. M. Doherty², M. A. Nehs² ¹University of Alabama at Birmingham, Surgery, Birmingham, AL, USA ¹University of Alabama at Birmingham, Surgery, Birmingham, AL, USA

46.08. Gene Expression Classification has Limited Utility in the Evaluation of AUS/FLUS Thyroid Nodules. K. D. King⁰, R. L. Deitz¹, M. L. Mao¹, J. C. Farrá¹, J. I. Lew¹ ¹University of Miami Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

46.09. Timely Evaluation and Management of Primary Hyperparathyroidism in Patients with Kidney Stones. A. A. Perez¹, D. F. Schneider², S. C. Pitt¹, K. L. Long¹, A. Chu¹, R. S. Sippel ¹University of Wisconsin, Endocrine Surgery, Madison, WI, USA

46.10. Hypervascular Pancreatic Lesions: Neuroendocrine Tumor Cannot Be Assumed. S. M. Wcislo¹, Z. E. Stiles¹, J. L. Denève¹, E. S. Glazer¹, S. W. Behrman¹, M. Ismail², F. T. Fares², P. V. Dickson³ ¹University of Tennessee Health Science Center, Division of Surgical Oncology, Department of Surgery, Memphis, TN, USA ²University of Tennessee Health Science Center, Division of Gastroenterology, Department of Medicine, Memphis, TN, USA ³Gastro One, Gastroenterology, Memphis, TN, USA

46.11. High Rate of Incidental Thyroid Carcinoma found in Contralateral Thyroid Lobes. R. Minami¹, O. Picado¹, M. Mao¹, M. Manasa¹, J. Lew¹, J. C. Farrá¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

46.12. Influence of Concurrent Thyroid Pathology on Parathyroidectomy for Primary Hyperparathyroidism. B. Sunkara¹, M. Cohen¹, B. Miller¹, P. Gauger¹, D. Hughes¹ ¹University of Michigan, Medical School, Ann Arbor, MI, USA ²University of Michigan, Department of General Surgery, Ann Arbor, MI, USA

46.13. Factors Affecting Readmission Following Pediatric Thyroid Resection: A NSQIP-P Evaluation. I. I. Maizlin¹, H. Chen¹, R. T. Russell¹ ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ¹University of Alabama at Birmingham, General Surgery, Birmingham, Alabama, USA

46.14. Mixed-methods Evaluation of Patient-Surgeon Decision Making about Thyroid Microcarcinoma Treatment. M. F. Bates¹, M. C. Saucke¹, J. L. Jennings¹, H. J. Khokhar¹, C. F. Voits¹, S. C. Pitt¹ ¹University of Wisconsin, Madison, WI, USA

46.15. Incidental Thyroid Carcinoma in Patients Undergoing Surgery for Benign Thyroid Disease. M. Manasa¹, O. Picado¹, M. L. Mao¹, R. Minami¹, J. C. Farrá¹, J. I. Lew¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family, Department of Surgery, Miami, FL, USA

46.16. Understanding Nationwide Readmissions After Thyroid Surgery. A. Rios-Diaz¹, R. Zheng¹, D. P. Thibault¹, J. A. Crispo¹, A. W. Willis¹, A. I. Willis¹ ¹Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA ¹University of Pennsylvania, Department of Biostatistics and Epidemiology, Philadelphia, PA, USA

46.17. Early Intraoperative PTH Values Can Help Guide Surgical Decision Making. N. C. Luehmann¹, J. A. Cirino¹, P. F. Czako¹, S. Nagar¹ ¹William Beaumont Hospital, Department of Surgery, Royal Oak, MI, USA

46.18. NIFTP Reclassification and Its Impact on Thyroid Malignancy Rate and Treatment. M. Mao¹, T. Joyal¹, O. Picado¹, D. Kerr¹, J. Lew¹, J. Farra¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA ¹University of Miami Leonard M. Miller School of Medicine, Department of Pathology, Miami, FL, USA

46.19. IS A THYROID NODULE IN A PATIENT WITH GRAVES' DISEASE ASSOCIATED WITH A HIGHER RISK OF CANCER?, H. H. Shí¹, C. R. McHenry¹² ¹Case Western Reserve University School of Medicine, Cleveland, OH, USA ¹MetroHealth Medical Center, Cleveland, OH, USA

46.20. Parathyroidectomy in Primary vs Secondary/Tertiary Hyperparathyroidism Patients: Different Outcomes?. S. K. Chung¹, A. A. Asban¹, C. Balentine¹, H. Chen¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA
47.11. Barriers and Enablers to Rural Trauma System Implementation: A Case Study of Hospitals in Scotland. R. D. Adams1, Z. Morrison1, E. Cole2, J. Jansen3 Queen Mary, University of London, London, ENGLAND, United Kingdom 2University of Aberdeen, Aberdeen, SCOTLAND, United Kingdom 3University of Alabama at Birmingham, Birmingham, Alabama, USA

47.12. Pediatric Thyroidectomy and Neck Dissection for Differentiated Thyroid Cancer: A Systematic Review. A. L. Madenci1, R. W. Frank2, B. C. Stack3, J. J. Shin4 Brigham and Women’s Hospital, Boston, MA, USA 2University of Arkansas, Little Rock, AR, USA

47.13. Do Surgeons and Patients Value Shared Decision Making in Pediatric Surgery? E. M. Carlisle1, L. A. Shinkunas1, L. C. Keldjian2 University of Iowa Hospitals and Clinics, Department of Surgery, Division of Pediatric Surgery, Iowa City, IA, USA 1University of Iowa, Carver College of Medicine, Program In Bioethics and Humanities, Iowa City, IA, USA

47.14. Decision Making in Advanced Surgical Illness: the Surgeons Perspective in Shared Decision Making. R. S. Morris1, J. Ruck2, A. Conca-Cheng3, T. Smith4, T. Carver4, F. Johnston5 Medical College of Wisconsin, Surgery, Milwaukee, WI, USA 1Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA

47.15. Provider Attitudes and Methods of Preoperative Surgical Risk Assessment. H. Qiu1, M. Bronsert1, L. A. Crane1, R. A. Meguid1 2University of Colorado School of Medicine, Surgical Outcomes and Applied Research Program, Aurora, CO, USA 2University of Colorado School of Medicine, Adult and Child Consortium for Health Outcomes Research and Delivery Science, Aurora, CO, USA 1University of Colorado Denver School of Public Health, Department of Community and Behavioral Health, Aurora, CO, USA 1University of Colorado School of Medicine, Department of Surgery, Aurora, CO, USA

47.16. Healthcare Reform in Maryland: the Influence of Global Budgets on Emergent Ventral Hernia Repair. S. R. Kaslow1, M. Stern2, J. K. Canner1, G. L. Adrales3 Johns Hopkins Surgery Center for Outcomes Research, Department of Surgery, Baltimore, MD, USA 1Johns Hopkins School of Medicine, Baltimore, MD, USA

47.17. Inpatient Opioid Prescription Trends Among Laparoscopic Surgeons at a Mid-Atlantic Medical Center. Z. Sanford1, A. Broda2, A. Weltz3, I. Belyansky4 1Anne Arundel Medical Center, Department of Surgery, Annapolis, MD, USA

47.18. Neurosurgonomics: Trends of the Neurosurgical Economy in the United States. W. C. Johnson1, A. Self1 1University of Texas Health Science Center at San Antonio, School of Medicine, San Antonio, TX, USA 1University of Texas Health Science Center at San Antonio, Neurosurgery, San Antonio, TX, USA

47.19. When are we operating on kids? A simple intervention to improve outcomes in developing countries.. V. N. O'Reilly-Shah1, G. Easton1, S. Gillespie1 1Emory University School of Medicine, Anesthesiology, Atlanta, GA, USA 2Children’s Healthcare of Atlanta, Pediatric Anesthesiology, Atlanta, GA, USA 1Emory University Goizueta Business School, Information Systems & Operations Management, Atlanta, GA, USA 2Emory University School of Medicine, Pediatrics, Atlanta, GA, USA

47.20. Conversion Disorder Causing Prolonged Hospitalization after Incisional Hernia Repair. S. Markowiak1, S. Perez2, R. Daniel1, B. Moloney1, O. Ekwenna2, J. Ortiz1 1University of Toledo, Department of Surgery, Toledo, OHIO, USA 2University of Toledo, Department of Urology, Toledo, OHIO, USA 1University of Toledo, Department of Psychiatry, Toledo, OHIO, USA

48.02. Racial Differences in Complications Following Emergency General Surgery: Who Your Surgeon Is Matters. R. Udyavar, A. Salim, E. Cornwall, Z. Hashmi, J. Havens, A. Haider '2 Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA 'B Brigham and Women’s Hospital, Department of Surgery, Boston, MA, USA 'Howard University College of Medicine, Department of Surgery, Washington, DC, USA

48.03. Survey of Surgeons’ Perspectives of Wound Care Centers for Chronic Wound Care. V. Rendell, T. J. Esposito, A. Gibson '1 UnityPoint Health, Wound Care and Hyperbaric Medicine, Peoria, ILLINOIS, USA 'University of Wisconsin, Department of General Surgery, Madison, WI, USA

48.04. Factors Associated with the Interhospital Transfer of Emergency General Surgery Patients. A. M. Ingraham, S. Fernandes-Taylor, J. Schumacher, X. Wang, M. Saucke, C. C. Greenberg '1 University of Wisconsin, Department of Surgery, Madison, WI, USA

48.05. Racial Disparities in Surgical Outcomes Following Colorectal Surgery for Inflammatory Bowel Disease. M. Ma, K. Feng, L. N. Wood, L. E. Goss, J. S. Richman, D. I. Chu '1 University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA

48.06. Racial and Ethnic Postoperative Outcomes from a Statewide Database: the Hispanic Paradox. E. Egiaia, A. Cobb, E. Kirshenbaum, P. C. Kuo '1 Loyola University Chicago Stritch School of Medicine, General Surgery, Maywood, IL, USA

48.07. the Surgical Management of Diverticulitis. A. Mehta, J. K. Canner, D. T. Efron, J. Efron, J. V. Sakran '1 Johns Hopkins University School of Medicine, Baltimore, MD, USA 'Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA


48.09. Shisong Cardiac Center: Kumbo, Cameroon. N. T. Kontchou, K. Schulman '1 Harvard Business School, Boston, MA, USA 'Harvard School of Medicine, Brookline, MA, USA 'Duke University Medical Center, Durham, NC, USA

48.10. Trend in Socioeconomic Disparities Among Uncomplicated and Complicated Hernia Repairs. M. F. Nunez, G. Ortega, L. G. Souza Mota, I. Yi, S. Timberline, E. S. Bauer, T. M. Fullum '2 Howard University College of Medicine, Clive O. Callender Howard-Harvard Health Sciences Outcomes Research Center, Washington, DC, USA 'Howard University College of Medicine, Department of Surgery, Washington, DC, USA

48.11. Increasing Compensation Gaps for Younger General Surgeons May Increase Dissatisfaction and Attrition. D. S. Strosberg, S. Brathwaite, S. Prakash, J. Hazey, B. Satiani '1 Ohio State University, Columbus, OH, USA

48.12. Racial Disparities in Incidence of Rectal Cancer in Patients with IBD. D. Sessinou, D. Chen, V. Pandit, C. Charlton, A. Cruz, P. Vlij, V. N. Nfansam, V. N. Nfansam '1 University of Arizona, Medicine, Tucson, AZ, USA


48.14. Availability of Common Pediatric Uroradiology Studies: Are Rural Patients at a Disadvantage? J. A. Whitley, S. Gnanesanwara, M. Thach, K. Kieran '1 Rice University, Houston, TX, USA 'Seattle Children’s Hospital, Seattle, WA, USA 'University of Washington, Seattle, WA, USA


48.16. Practice Management Guidelines: Treatment of Cardiovascular Implantable Device Pocket Infections. E. Buckarma, M. Mohan, L. Baddour, T. Earnest, H. Schiller, L. Eom, M. V. D'Cruz, J. A. Cannon, A. Cobb, E. Egiaia, E. Kirshenbaum, P. C. Kuo '1 Loyola University Chicago Stritch School of Medicine, General Surgery, Maywood, IL, USA


48.18. Current Trends of Pilonidal Disease at a Veteran Administration Hospital: A 12-Year Experience. O. Renteria, H. Cunningham, V. Jain, M. S. Sultany, M. Ruiz, S. Huerta, S. Huerta '1 University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA 'VA North Texas Health Care System, Surgery, Dallas, TX, USA

48.19. A feasible and alternative approach for the treatment of internal hemorrhoids. N. Hayashi, N. Hayashi '1 Kinan Hospita, Surgery, Tanabe, WAKAYAMA, Japan


MODERATORS: Kelli M. Bullard Dunn, MD & Daniel I. Chu, MD
49.12. MELD-Na Score as a Predictor of Postoperative Complications in Elective Hernia Repair. K. A. Schlosser^1, A. M. Kao^1, M. R. Arnold^1, J. Otero^1, T. Prasad^2, A. E. Lincourt^1, K. R. Kasten^1, V. A. Augenstein^1, B. R. Davis^1, B. T. Heniford^1, P. D. Colavita^2 1Carolinas Medical Center, Division of Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA

49.13. the Effect of Hospital Choice on Surgical Outcomes for Medicaid Beneficiaries. J. Clafin^1, J. B. Dimick^1, D. A. Campbell^1, M. J. Englesbe^1, K. H. Sheetz^1 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA

49.14. Identifying Superusers of Postoperative Inpatient Care in an Emergency General Surgery Population. S. A. Brownlee^1, H. Ton-That^1, M. Anstadt^1, R. Gonzalez^1, A. N. Cobb^2, P. C. Kuo^2, A. N. Kothari^2 1Loyola University Medical Center, One:MAP Division of Clinical Informatics and Analytics, Maywood, IL, USA 2Loyola University Medical Center, Department of Surgery, Maywood, IL, USA

49.15. A Practical Approach to Locating the Corona Mortis. B. Hoerdeman^1, T. P. Sprenkle^1, M. D. Gothard^1, M. L. McCarroll^1, D. Rhodes^1 1Pacific Northwest University of Health Sciences, College of Medicine, Yakima, WA, USA 2Biostats, Inc., East Canton, OH, USA

49.16. Postoperative Infection: Trends in Distribution, Risk Factors, and Clinical and Economic Burden. M. E. Garstka^1, Z. Al-Qaetshy^1, S. M. Baker^1, C. Ducoin^1, M. Killackey^1, E. Kandil^1 1Tulane University School of Medicine, Department of Surgery, New Orleans, LA, USA

49.17. Decline in Katz Scores Is Associated with Longer Postoperative Lengths of Stay in Older Adults. A. Lucy^1, E. Malone^1, J. Richman^1, C. Balentine^1, D. Chu^1, K. Flood^1, M. Morris^1 1University of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Gerontology, Geriatrics, Palliative Care, Birmingham, Alabama, USA

49.18. Treating Inguinodynia after Laparoscopic or Open Inguinal Hernia Repair. M. Landry^1, L. Grimsely^1, V. T. Daniel^1, D. A. Campbell^2 1University of Tennessee Health Sciences Center, College of Medicine, Memphis, TENNESSEE, USA 2University of Tennessee Health Sciences Center, College of Medicine, Memphis, TENNESSEE, USA

49.19. Resident Implementation of an Enhanced Recovery Pathway for Colorectal Surgery in a Rural Community. D. S. Urias^1, J. Di Comol^1, M. Marley^1, T. Tersine^1, W. Fritz^2, R. Dumire^1 1Conemaugh Memorial Medical Center, Johnstown, PA, USA 2Loyola University Medical Center, Maywood, IL, USA

49.20. Successful Outcomes after Bariatric Surgery in Black Patients. M. S. Pichardo^1, G. Ortega^1, E. S. Bauer^1, S. Bunker^1 1Howard University College of Medicine, Washington, DC, USA 2Howard University College of Medicine, Clive O. Callender Howard-Harvard Health Sciences Outcomes Research Center, Washington, DC, USA 3Yale School of Public Health, Department of Chronic Disease Epidemiology, New Haven, CT, USA
50.01. Impact of Acute Care Surgery Service on Diverticulitis Patients Managed with Operative Intervention. M. N. Khan1, M. Hamidi2, A. Jain1, E. Zakaria1, N. Kulvatunyou1, T. O’Keeffe1, A. Tang1, L. Gries1, B. Joseph1 1University of Arizona, Tucson, AZ, USA

50.02. BMI as an Independent Risk Factor for Complications after Laparoscopic Ventral Hernia Repair. L. Owe1, R. Swendiman1, S. Torres Landa1, D. Dempsey1, K. Dumon1 1Hospital of the University of Pennsylvania, Gastrointestinal Surgery, Philadelphia, PA, USA

50.03. Do Ventriculoperitoneal Shunts Increase Complications after Laparoscopic Gastrostomy in Children?. E. Rosenfeld, MD1, K. Mazzolini, BS2, A. S. DeMello2, A. Karedy2, Y. Yu1, J. G. Nuchtern2, S. R. Shah2 2Baylor College of Medicine & Texas Children’s Hospital, DeBakey Department of Surgery, Houston, TX, USA

50.04. Robotic Port Site Hernias After General and Oncologic Surgical Procedures. R. Diez-Barroso1, C. H. Palacio1, J. A. Martinez1, A. Artinyan1, K. Makris1,2, D. S. Lee1,2, N. N. Massareh1,2, C. Chai1,2, S. Awad1,2, H. S. Tran Cao1,2 2Baylor College of Medicine, Houston, TX, USA 1Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA

50.05. Perioperative Factors Influencing Urinary Retention After Laparoscopic Inguinal Hernia Repair. D. F. Roadman1, M. Helm1, M. Goldblatt1, A. Kastenmeier1, T. Kindel1, J. Gould1, R. Higgins1 1Medical College of Wisconsin, Milwaukee, WI, USA

50.06. Outcomes of Acute Appendicitis in Veteran Patients. O. Renteria1, S. Huerta1,2 1University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA 2VA North Texas Health Care System, Surgery, Dallas, TX, USA

50.07. Neutrophil Lymphocyte Ratio (NLR) Predicts Hospital Length of Stay In Acute Appendicitis. E. B. Rodas1,2, M. Guillén2, E. Granda2, F. Martínez2, E. B. Rodas1,2 2Virginia Commonwealth University, Acute Care Surgical Services/ Surgery, Richmond, VA, USA 1Universidad Del Azuay, Cuenca, AZUAY, Ecuador

50.08. Risk Factors of Mortality in Patients with Necrotizing Soft Tissue Infections in Rwanda. M. CHRISTOPHE1, J. Rickard2,4, F. Charles1, N. Faustin1,3 3University of Rwanda, College of Medicine and Health Sciences, Kigali, KIGALI, Rwanda 2University Teaching Hospital of Kigali, Surgery, Kigali, Rwanda 4Rwanda Military Hospital, Plastic and Reconstructive Surgery, Kigali, KIGALI, Rwanda 2University of Minnesota, Surgery and Critical Care, Minneapolis, MN, USA

50.09. Incidence and Histopathologic Variations in Appendiceal Neoplasm Presenting as Acute Appendicitis. R. F. Brown1, K. Cools1, M. Shah1, W. Stepp1, T. Reid1, A. Charles1 1University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

50.10. Can the Laparoscopic Approach Be Employed in Octogenarians with SBO? E. H. Chang1, P. Chung1, M. J. Lee1, M. Smith1, K. Barrera1, V. Roudnitsky1, A. Alfonso1, G. Sugiyama1 1State University of New York Downstate Medical Center, General Surgery, Brooklyn, NY, USA 2Kings County Hospital Center, Division of Trauma and Acute Care Surgery, Brooklyn, NY, USA 3Coney Island Hospital, Department of General Surgery, Brooklyn, NY, USA 4Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA 5Vanderbilt University Medical Center, Department of Trauma Surgery, Nashville, TN, USA

50.11. Gastrografin Challenge Protocol Decreases Length of Stay in Patients with Small Bowel Obstruction. W. Huet1, N. J. Bruce1, W. C. Beck1, M. K. Kimbrough1, J. Jensen1, M. Sutherland1, R. Robertson1, K. W. Sexton1 1University of Arkansas for Medical Science, Little Rock, AR, USA

50.12. Preoperative Antibiotic Timing and Postoperative Duration in Ruptured Appendicitis. R. Amin1, S. Walker1, K. Somers2, M. Arcar1 1Medical College of Wisconsin, Milwaukee, WI, USA

50.13. the Early Impact of Medicaid Expansion on Insurance Coverage for General Surgery. A. S. Chiu1, R. A. Jean1, J. Ross2, K. Y. Peil1 1Yale University School of Medicine, Surgery, New Haven, CT, USA 2Yale University School of Medicine, Internal Medicine, New Haven, CT, USA

50.14. POSTOPERATIVE RESPIRATORY FAILURE: Safer Surgery IMPROVES OUTCOMES. A. L. Lubitz1, J. A. Shinfield1, T. A. Santora1, A. Pathak1, E. C. Craig1, A. J. Goldberg1, H. A. Pitt1 1Temple University, Philadelphia, PA, USA

50.15. Robotic Inguinal Hernia Repair: An Academic Medical Centers Experience with First 200 Cases. V. Tam1, J. Borrebach1, S. Dunn1, J. Bellon1, H. Zeh1, M. E. Hogg1 1University of Pittsburgh Medical Center, Division of Surgical Oncology, Pittsburgh, PA, USA 2University of Pittsburgh Medical Center, Wolff Center at UPMC, Pittsburgh, PA, USA

50.16. Automating Post-Operative Care through Patient-Centered Short Message Service (SMS). S. C. McGriff1, D. Kumar1, P. R. Moolchandani2, M. K. Hoffman1, M. A. Davis2, J. W. Suliburk2 2Baylor College of Medicine, Houston, TX, USA 1Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA

50.17. Impact of Active Opioid Use on Healthcare Costs for Patients with Intestinal Obstruction. V. K. Dhar1, Y. Kim1, D. E. Go1, K. Wima1, A. D. Jung1, A. R. Cortez1, R. S. Hoehn1, S. A. Shah1 1University of Cincinnati, Department of Surgery, Cincinnati, OH, USA

50.18. Management of Rib Fracture Patients: Does Obesity Matter? A. Lichter1, F. Speranza1, W. Rebekah1, P. Parikh1, R. Markert1, G. Semon1 1Wright State University, Dayton, OH, USA

50.19. Predictors of 30 Day Readmission Following Percutaneous Cholecystostomy. M. Tang1, Y. Zhang2, F. Liu2, J. Luor2, K. Y. Peil1 1Yale University School of Medicine, Department of Surgery, New Haven, CT, USA 2Yale University School of Medicine, Section of Surgical Outcomes and Epidemiology, Department of Surgery, New Haven, CT, USA 3Yale School of Public Health, Department of Environmental Health Sciences, New Haven, CT, USA 8Beijing 302 Hospital, Beijing, FENGTAI QU, China

50.20. Failure to Rescue in Liver and Pancreas Surgery: Is the “July Effect” Real? D. S. Lee1, L. W. Chiu1, C. Chai1, K. I. Makris1, N. Becker1, L. Gillory1, S. S. Awad1 1Baylor College of Medicine, Surgery, Houston, TX, USA
51.01. Pancreatic Islet Cell Tumors in Adolescents and Young Adults. I. I. Maižlin1, R. T. Russell1, M. B. Dellinger2, A. B. Goldin1, M. Goldfarb3, J. J. Doski4, A. Gosain5, M. Langer1, M. V. Raval5, J. G. Nuchtern6, S. A. Vasudev7, K. W. Gow1, E. A. Beierle1 1University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA 2Seattle Children’s Hospital, Pediatric Surgery, Seattle, WA, USA 3John Wayne Cancer Institute at Providence St. John’s Health Center, Surgery, Santa Monica, CA, USA 4Methodist Children’s Hospital of South Texas, University of Texas Health Science Center-San Antonio, Surgery, San Antonio, TX, USA 5University of Tennessee Health Science Center, Pediatric Surgery, Memphis, TN, USA 6Children’s Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA

51.02. Parent Reported Quality of Life Outcomes in Children with Congenital Diaphragmatic Hernia. J. L. Morsberger1, H. L. Short2, K. J. Baxter2, C. Travers1, M. S. Clifton2, M. M. Durham2, M. V. Raval2 1Emory University School of Medicine, Division of Pediatric Surgery, Department of Surgery, Children’s Healthcare of Atlanta, Atlanta, GA, USA 2Emory University School of Medicine, Department of Pediatrics, Atlanta, GA, USA

51.03. Early Operative Versus Observational Management in Children with Esophageal Malrotation. J. M. Hyak1, G. A. Campagna1, Z. T. Stone1, B. Johnson1,2, Y. Yu1,3, A. D. Schwartz2, E. H. Rosenfeld2, B. Naik-Mathur2,3 1Baylor College of Medicine, Department of Pediatrics, Houston, TX, USA 2Baylor College of Medicine, Houston, TX, USA 3Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA 4Texas Children’s Hospital, Department of Surgery, Houston, TX, USA


51.05. “Impact of Insurance Status on Surgical Transfer for Appendicitis in Pediatric Patients”. K. Gee, R. E. Jones, A. Beres1 University of Texas at Southwestern, Department of Surgery, Division of Pediatric Surgery, Dallas, TX, USA

51.06. Same Day Discharge for Non-Perforated Appendicitis in Children: An Updated Institutional Protocol. L. O. Benedict1, J. Sujka2, L. Robyrino3, P. Aguilera4, S. St. Peter1, A. Oyetunjii1 1Children’s Mercy Hospital- University of Missouri Kansas City, Department of Surgery, Kansas City, MO, USA

51.07. What is a Normal Appendix? Impact of Pathological Criteria on Pediatric Negative Appendectomy Rate. C. Maloney1, M. C. Edelman1, A. C. Bolognese1, L. Collins1, A. M. Lipskar2, B. S. Rich1 1Hofstra Northwell School of Medicine, Surgery, New Hyde Park, NY, USA 2Hofstra Northwell School of Medicine, Pathology and Laboratory Medicine, New Hyde Park, NY, USA 3Hofstra Northwell School of Medicine, Pediatric Radiology, New Hyde Park, NY, USA

51.08. Outcomes Following Laparoscopic Gastrotomy Suture Techniques in Children. C. A. Mason2, D. E. Skarda1, B. T. Bucher1 1University of Utah School of Medicine, Division of Pediatric Surgery, Department of Surgery, Salt Lake City, UT, USA

51.09. Utility of Serial Prenatal MRI assessment in Congenital Diaphragmatic Hernia. C. C. Style1,2, T. C. Lee1,2, A. R. Mehollin-Ray1, P. E. Lau1, M. A. Verla1,2, S. M. Cruz1, J. Espinoza1, C. J. Fernandez1, S. G. Keswani1,2, D. L. Cass1, O. O. Olotuyi1,2,5 1Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TEXAS 2Texas Children’s Hospital, Department of Obstetrics and Gynecology, Houston, TEXAS 3Texas Children’s Hospital, Department of Pediatrics, Houston, TEXAS 4Texas Children’s Hospital, Department of Radiology, Houston, TEXAS 5Texas Children’s Hospital, Division of Pediatric Surgery, Houston, TEXAS

51.10. Parental Presence During Induction of Anesthesia for Elective Surgery May Delay Surgery Start Time. B. Wong1, A. Melucci1, V. Dombrovskiy1, Y. Lee2,3 1Rutgers Robert Wood Johnson Medical School, Pediatric Surgery, New Brunswick, NJ, USA 2Rutgers Robert Wood Johnson Medical School, Vascular Surgery, New Brunswick, NJ, USA 3Bristol Myers Squibb Children’s Hospital, New Brunswick, NJ, USA

51.11. Can ultrasound reliably identify complicated appendicitis in children?. D. O. Gonzalez1, A. Lawrence1, J. Cooper2, R. Solar2, E. A. Beierle1 1University of Alabama at Birmingham, Pediatric Surgery, Birmingham, AL, USA 2University of Texas Medical School, Children’s Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA

51.12. Antibiotic Therapy is Inconsistent in the Treatment of Necrotizing Enterocolitis. T. A. Boyle1, R. A. Starker1, E. A. Perez1, A. Aggarwal1, A. Brady2, J. Sola3, H. Neville1 1University of Miami, Pediatric Surgery, Miami, FL, USA

51.13. Comparison of Pediatric and Adult Solid Pseudopapillary Neoplasms of the Pancreas. R. T. Russell1, I. I. Maižlin1, M. B. Dellinger2, K. W. Gow2, A. B. Goldin3, M. Goldfarb3, J. J. Doski4, A. Gosain5, M. Langer1, M. V. Raval5, J. G. Nuchtern6, S. A. Vasudevan7, E. A. Beierle1 1University of Alabama at Birmingham, Pediatric Surgery, Birmingham, AL, USA 2University of Texas Medical School, Children’s Healthcare of Atlanta, Pediatric Surgery, Seattle, WA, USA 3John Wayne Cancer Institute at Providence St. John’s Health Center, Surgery, Santa Monica, CA, USA 4Methodist Children’s Hospital of South Texas, University of Texas Health Science Center-San Antonio, Surgery, San Antonio, TX, USA 5Baylor College of Medicine, Texas Children’s Hospital, Pediatric Surgery, Houston, TX, USA

51.14. Clinical Outcomes of Pediatric Patients after Ileal Pouch-Anal Anastomosis. C. C. Huang1, F. J. Rescorla1, M. P. Landman1 1Indiana University School of Medicine, Department of Pediatric Surgery, Indianapolis, IN, USA

51.15. Intensive Pediatric Weight Loss Program Associated with Decrease in Obesity-Related Biomarkers. C. J. Hughes1, O. Nunez-Lopez2, J. Prochaska2, E. Lyons3, D. Jupiter1, K. Perino1, A. Glaser1, R. Radhakrishnan4, D. J. Ostlie1, J. G. Nuchtern5, S. A. Vasudevan7, E. A. Beierle1 1University of Alabama at Birmingham, Pediatric Surgery, Birmingham, AL, USA 2University of Texas Medical School, Children’s Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA 3University of Texas Health Science Center-San Antonio, Surgery, San Antonio, TX, USA 4Emory University School of Medicine, Children’s Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA 5Baylor College of Medicine, Texas Children’s Hospital, Pediatric Surgery, Houston, TX, USA

51.16. Impact of access to freestanding ambulatory surgery centers on rates of myringotomy. J. N. Cooper1, B. Iten1, C. A. Elmaragy2 1The Research Institute at Nationwide Children’s Hospital, Center for Surgical Outcomes Research, Columbus, OH, USA 2Nationwide Children’s Hospital, Department of Otolaryngology-Head and Neck Surgery, Columbus, OH, USA
51.18. Outcomes of Atypical Genitalia Surgery for Disorder of Sexual Development in Pediatric Population. A. F. Dovall1, B. N. Tran1, B. T. Lee1, O. Ganor1 1Beth Israel Deaconess Medical Center, Plastic and Reconstructive Surgery, Boston, MA, USA 2Boston's Children Hospital, Plastic and Reconstructive Surgery, Boston, MA, USA

51.19. Evaluation of current practices and presence of advanced providers in pediatric surgery. B. R. Beaulieu-Jones1, D. P. Croitoru2, R. M. Baertschiger2 1Geisel School of Medicine at Dartmouth, Hanover, NH, USA 2Dartmouth Hitchcock Medical Center, Pediatric Surgery, Department of Surgery, Lebanon, NH, USA

52.01. Management of Long Bone Metastasis from Malignant Solid Tumors in Children. M. W. Lu1,2, L. Van Houwelingen1, M. D. Neel1, A. M. Davidoff1, M. J. Krasin1, B. N. Rao1, I. Fernandez-Pineda1 1St. Jude’s Children’s Research Hospital, Surgery, Memphis, TN, USA 2University of Tennessee Health Science Center, College of Medicine, Memphis, TN, USA

52.02. the Disproportionate Cost of Surgery and Congenital Anomalies in Infancy. J. C. Apfeld1,2, Z. J. Kastenberg1,2, F. S. Jazi1, C. S. Phibbs1,2, H. C. Lee1,2, K. G. Sylvester1,2,3,4 1Stanford University School of Medicine, Department of Surgery, Palo Alto, CA, USA 2Stanford University School of Medicine, Center for Health Policy/Center for Primary Care and Outcomes Research, Stanford, CA, USA 3Lucile Packard Children’s Hospital, Department of Surgery, Palo Alto, CA, USA 4Veterans Affairs Palo Alto Healthcare System, Health Economics Research Center and Center for Implementation To Innovation, Menlo Park, CA, USA 5Stanford University, California Perinatal Quality Care Collaborative (CPQCC), Palo Alto, CA, USA 6Cleveland Clinic, Department of General Surgery, Cleveland, OH, USA

52.03. Evaluation of Disparity in Healthcare for Perforated Appendicitis in a National Health Care System. L. M. Fluke1, A. Peruski1, C. Shibly2, B. Adams3, S. Stinnette4, R. Ricca2 1Naval Medical Center Portsmouth, Pediatric Surgery, Portsmouth, VA, USA 2Naval and Marine Corps Public Health Center, Health Analysis Department, Portsmouth, VA, USA

52.04. Inter-rater Reliability of a Grading System for Congenital Diaphragmatic Hernia Defect Size is Fair. C. E. Hunter1, Z. M. Saenz2, D. Nuñez1, L. Timmins1, B. W. Gray1 1Indiana University School of Medicine, Division of Pediatric Surgery, Department of Surgery, Indianapolis, IN, USA 2Indiana University School of Medicine, Center for Outcomes Research In Surgery, Department of Surgery, Indianapolis, IN, USA

52.05. Pre-Operative Factors and Response to Surgical Treatment of Achalasia in Pediatric Patients. R. J. Vandewalle1, C. C. Frye1, M. P. Landman1, J. M. Croffie2, F. J. Rescorla3 1Indiana University School of Medicine, Department of General Surgery, Division of Pediatric Surgery, Indianapolis, IN, USA 2Indiana University School of Medicine, Department of Pediatrics, Division of Gastroenterology, Indianapolis, IN, USA

52.06. Improving Imaging Strategies for Pediatric Appendicitis. L. Schoel1, I. I. Maizlin1, T. Koppelmann1, M. Shroyer1, A. Douglas1, R. T. Russell1 1University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

52.07. Therapeutic Direction Versus Adverse Outcomes in Children Undergoing Lung Biopsy. J. Sobrino1, N. Le1, J. Sujka1, L. A. Benedict1, R. M. Rente1, A. L. Demayehu1, T. A. Oyetunji1, S. D. St.Peter1 1Children’s Mercy Hospital- University of Missouri Kansas City, Surgery, Kansas City, MO, USA

52.08. Pediatric Single-Site Laparoscopic Appendectomy: Predictors of Conversion to Multisport Appendectomy. N. L. Gates1, R. D. Ramp1, S. D. Bhattacharya1 1University of Tennessee College of Medicine, Department of Surgery, Chattanooga, TN, USA

52.09. Surgeon Accuracy in Identifying Children with Simple Appendicitis. Y. R. Yu1,2, E. H. Rosenfeld1,2, S. Dadjoo1,2, M. E. Lopez1,2, S. R. Shah1,2, B. J. Naik-Mathuria1 2Texas Children’s Hospital, Pediatric Surgery, Houston, TX, USA 2Baylor College of Medicine, Surgery, Houston, TX, USA

52.10. Gastrointestinal Outcomes in Congenital Diaphragmatic Hernia. M. A. Verla1, T. C. Lee1, C. C. Style1, P. E. Lau1, A. R. Mehollah-Ray1, C. J. Fernandez1, S. C. Fallon2, C. A. Ikedonwub, S. G. Keswani1,2, O. O. Otunoye1 2Texas Children’s Hospital, Fetal Center, Houston, TX, USA 1Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA 2Texas Children’s Hospital, Department of Radiology, Houston, TX, USA 3Texas Children’s Hospital, Department of Pediatrics - Newborn Section, Houston, TX, USA

52.11. Assessment of Outcomes and Costs for Common Surgical Procedures at Children’s and Non-Children’s Hospitals. C. Tom1, R. P. Won1, E. Saab1, A. D. Lee1, S. Friedlander1, S. L. Lee1,2 1Harbor-University of California Los Angeles Medical Center, Department of Surgery, Torrance, CA, USA 2University of California Los Angeles, Department of Surgery, Los Angeles, CA, USA 3Los Angeles Biomedical Research Institute, Torrance, CA, USA

52.12. Symptom Resolution and Volumetric Reduction of Abdominal Lymphatic Malformations with Sclerotherapy. H. J. Madsen1,2, A. Annam3,4, R. Hamed3,5, T. A. Nakano2,4,5, L. O. Larroque1,2, M. A. Kulungowski3,4,5 1Children’s Hospital Colorado, Division of Pediatric Surgery, Aurora, CO, USA 2Children’s Hospital Colorado, Vascular Anomalies Center, Aurora, CO, USA 3Children’s Hospital Colorado, Interventional Radiology, Aurora, CO, USA 4Children’s Hospital Colorado, Center for Cancer and Blood Disorders, Aurora, CO, USA 5University of Colorado, School of Medicine, Aurora, CO, USA

52.13. the Association of Healthcare Utilization with Readmission in Neonatal Intensive Care Unit Patients. K. J. Baxter1,2, H. T. Nguyen1,2, M. L. Wulkan1,2, M. V. Raval1,2 1Emory University School of Medicine, Atlanta, GA, USA 2Children’s Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA
52.18. the Impact of Sociodemographic and Hospital-Related Factors on Length of Stay After Pyloromyotomy. M. Joseph1, E. Hamilton1, K. Tsao2, M. T. Austin2,2 ‘McGovern Medical School at the University of Texas Health Science Center at Houston, Pediatric Surgery, Houston, TX, USA ‘University of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA

52.20. Severity of Congenital Heart Disease and Timing of Non Cardiac Procedures. K. Weltzel1, D. L. Colom1, J. Philip1, M. S. Bleiweis1, S. Islam1 ’University of Florida, Pediatric Surgery, Gainesville, FL, USA

52.21. Increasing “Off-label” use of GnRH Agonists among Pediatric Patients in the United States. C. M. Lopez1, D. Solomon1, R. A. Cowles1, D. E. Ozgudiz1, D. H. Stittelman1, M. G. Caty1, E. R. Christison-Lagay1 ’Yale University School of Medicine, Department of Surgery, Section of Pediatric Surgery, New Haven, CT, USA

53.10. the Bigger They Are, the Harder They Fall: Obesity and Severity of Proximal Humerus Fractures. R. Belayneh2,2, J. Haglin1, A. Lott1, S. Konda1, K. A. Ego1 ‘New York School of Medicine, New York, NY, USA ‘Howard University College of Medicine, Washington, DC, USA

53.11. Elderly Pedestrians Struck by Vehicles Are More Likely to Be Admitted in the Morning. D. C. Patel1, T. Li2, N. K. Dhillon1, N. T. Linaiv1, L. Krilov1, D. R. Margulies1, E. J. Ley1, G. Barmapas1 ‘ Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.12. the Depth of Sternal Fracture Displacement is Not Associated with Blunt Cardiac Injury. L. Heidelberg1, R. Uhlitch1, P. Bosarge1, J. Kerby1, P. Hu1 ‘University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA

53.13. Selecting Patients for Early Tracheostomy After Spinal Cord Injury. D. Scantling1, E. Gleeson1, J. Fazendin1, A. Galvez1, A. Teichman1, J. Eakins1, B. McCracken1 ‘Drexel University/Hahnemann University Hospital, Surgery, Philadelphia, PA, USA ‘AtlantiCare Regional Medical Center, Trauma Surgery, Atlantic City, NJ, USA

53.14. Trauma/Acute Care Surgeries Performed in the Emergency Room Impact on the Timeliness... K. Ito1, K. Nakazawa1, T. Nagao1, H. Chiba1, T. Fujita1 ‘Teikyo University Hospital Trauma and Resuscitation Center, Department of Emergency Medicine, Division of Acute Care Surgery, Teikyo University School of Medicine, Tokyo, Japan

53.15. Beyond Mortality: Low Education Associated with Poor Long-term Physical & Mental Health After Trauma. S. Shah1, S. A. Rafai1, J. P. Herrera-Escobar1, M. Jamran1, A. Geada1, J. M. Lee1, K. Brase1, H. M. Kaafarani1, G. Kasotakis1, G. Velmahos1, A. Salim1, A. H. Haider1, D. Nehra1 ‘Brigham and Women’s Hospital, Boston, MA, USA ‘Boston University, Boston, MA, USA ‘Massachusetts General Hospital, Boston, MA, USA ‘Oregon Health and Science University, Portland, OR, USA

53.16. Family Satisfaction in the Trauma and Surgical Intensive Care Unit: Another Important Quality Measure. T. Maximi1, A. Alvarez1, Y. Hojberg1, D. Antoku1, C. Mone1, A. Singleton1, C. M. Smith1, P. Hu1, M. Lewis1, K. Inaba1, D. Demetriades1, K. Matsuishi1 ‘University of Southern California, Los Angeles, CA, USA

53.17. Association of Survival with Admission to Trauma Centers with Extracorporeal Membrane Oxygenation. K. Carlson1, N. K. Dhillon1, G. Liao1, C. Colovos1, R. Chung1, D. R. Margulies1, E. J. Ley1, G. Barmapas1 ‘Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.02. Impact of Aggressive Treatments in Trauma: Using the Emergency Department Therapeutics to Death Ratio. D. C. Patel1, N. K. Dhillon1, A. Ko1, C. Colovos1, N. Melo1, D. R. Margulies1, E. J. Ley1, G. Barmapas1 ‘Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.03. Prehospital Blunt Traumatic Cardiac Arrest: Is It Worth the Resuscitative Investment? N. R. Manley1, J. Holley2, J. Martin2, T. Stavely1, M. Croce1, P. E. Fischer1 ‘University of Tennessee Health Science Center, Surgery, Memphis, TENNESSEE, USA ‘Memphis Fire Department, Memphis, TENNESSEE, USA

53.04. Treatment of ICU Delirium with QTc Prolonging Medications Does Not Lead to Cardiac Arrhythmias. J. Zakko1, A. Francis1, C. V. Murphy2, D. A. Efferman1 ‘Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA ‘Ohio State University Wexner Medical Center, Department of Pharmacy, Columbus, OH, USA

53.05. The Epidemiology of Injuries and Related Surgical Intervention in Aftermath of Tornadoes in America. M. Rajaie1, R. Griffin1, P. Hu1, T. Swain1, J. Kerby1 ‘UAB,Department of Acute Care Surgery, Department of Surgery, School of Medicine, Birmingham, ALABAMA, USA ‘UAB,Department of Epidemiology, School of Public Health, Birmingham, ALABAMA, USA

53.06. What’s in a Name? Provider Perception of Injured John Doe Patients. C. F. Janowak1, S. K. Agarwal1, B. L. Zarzar2 ‘University of Cincinnati, Trauma and Surgical Critical Care, Cincinnati, OH, USA ‘University of Wisconsin, Department of Surgery, Madison, WI, USA ‘Indiana University School of Medicine, Department of Surgery, Indianapolis, IN, USA

53.07. Impact of Red Blood Cell Transfusion in Severe Pediatric Thermal Injury. A. Nordin1, N. Shah1, R. Devine1, R. Fabia1, R. K. Thakkar1 ‘Nationwide Children’s Hospital, Department of Pediatric Surgery, Columbus, OH, USA ‘Ohio State University College of Medicine, Columbus, OH, USA

53.18. A Review of Hydrocortisone Use in Patients with Inhalation Injury at a Regional Burn Center. J. S. Vazquez2,2, L. S. Johnson2, T. E. Travis3, L. T. Moffatt2, J. W. Shupp2,2 ‘MedStar Washington Hospital Center, the Burn Center, Department of Surgery, Washington, DC, USA ‘Firefighters’ Burn and Surgical Research Laboratory, Washington, DC, USA

53.08. Use of Serum Amylase Levels to Diagnose Traumatic Pancreatic Injury. R. Uhlitch1, J. Kerby1, P. Hu1, P. Bosarge1 ‘University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA

53.09. SCIENTIFIC PROGRAM Wednesday, January 31, 2018

TUESDAY WEDNESDAY THURSDAY

52.14. Outcomes of Circumcision in Children with Single Ventricle Physiology. J. A. Sujka1, R. Sola1, A. Lay1, S. St. Peter1 ‘Children’s Mercy Hospital- University of Missouri Kansas City, Kansas City, MO, USA

52.15. Racial and Ethnic Disparities in Hospital Resource Utilization Following Appendicitis in Children?. J. G. Ulugiu1, T. L. Duncan1, E. R. Scale1, B. T. Bucher1 ‘University of Utah, Division of Pediatric Surgery, Department of Surgery, Salt Lake City, UT, USA

52.16. Facilitating Factors In Same-day Discharge After Laparoscopic Appendectomy. O. Cheng1, L. Cheng2, S. Burjon-rappa1 ‘Stony Brook University Medical Center, Stony Brook, NY, USA ‘Montefiore Medical Center, Bronx, NY, USA

52.17. Socioeconomic Disparities of Children with Umbilical Hernia Presenting to the Emergency Department. L. G. Souza Mota1, M. F. Nunez2, G. Ortega1, C. M. Smith1, D. S. Rhe6, D. D. Tran2,2 ‘Howard University College of Medicine, Department of Surgery, Washington, DC, USA ‘Howard University College of Medicine, Department of Surgery, Washington, DC, USA ‘Howard University College of Medicine, Clive O. Callender, MD Howard-Harvard Outcomes Research Center/Department of Surgery, Washington, DC, USA ‘Johns Hopkins University School of Medicine, Division of Pediatric Surgery/Johns Hopkins Children’s Center, Baltimore, MD, USA

2:30 PM - 4:30 PM Integrated Quick Shot Presentations II

53. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 4

MODERATORS: Christopher P. Gayer, MD & Daniel Holena, MD

53.02. Impact of Aggressive Treatments in Trauma: Using the Emergency Department Therapeutics to Death Ratio. D. C. Patel1, N. K. Dhillon1, A. Ko1, C. Colovos1, N. Melo1, D. R. Margulies1, E. J. Ley1, G. Barmapas1 ‘Cedars-Sinai Medical Center, Los Angeles, CA, USA
54.01. Predicting Mortality in Elective vs. Non-Elective Partial Colectomy: A Prognostic Decision Tree Model. M. Cheung1, R. LeDuc2, A. Cobb2, L. Gil2, H. Mundt2, R. P. Gonzalez2, M. J. Antstad1 1Loyola University Chicago Stritch School of Medicine, Department of Surgery, Maywood, IL, USA
54.02. the Impact of Obesity on Outcomes in Geriatric Blunt Trauma. R. Barry1, M. Modaresi1, R. Duran1, E. Thompson1, J. Sanabria1 1Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA
54.03. Isolated Chest Wall Trauma in the Extremes of the Elderly: What to Expect. A. X. Samayoa1, W. Alswaeelmeen1, R. Shadis1 1Abington Jefferson Health, Surgery, Abington, PA, USA
54.04. the Predictive Value of Early Lactate Area for Mortality In Elderly Patients With Septic Shock. H. Wang1, X. Chen1, D. Wu1 1Qilu Hospital of Shandong University, Department of Critical Care Medicine, Jinan, SHANDONG, China
54.05. Timing of VTE Chemoprophylaxis with Exonaparin is Delayed in Traumatic Brain Injury Patients. G. Liao1, N. K. Dhillon1, G. Barmparas1, A. Yang1, R. Mason1, S. Lahiri1, G. M. Thomsen1, E. J. Ley1 1Cedars-Sinai Medical Center, Los Angeles, CA, USA
54.06. Utilization of a Massive Transfusion Protocol at a Single Pediatric Institution: a 5-Year Experience. J. D. Kauffman1, C. N. Litz1, S. A. Thiel1, L. K. Bingham2, P. D. Danielson3, N. M. Chandler1 1Johns Hopkins All Children’s Hospital, Division of Pediatric Surgery, St. Petersburg, FLORIDA, USA 2Johns Hopkins All Children’s Hospital, Division of Critical Care Medicine, St. Petersburg, FLORIDA, USA
54.07. Chest CT Associated with Improved Survival in Severe Trauma. J. Zhao1, W. A. Guo1 1State University of New York at Buffalo, Buffalo, NY, USA
54.08. Does Radial Nerve Exploration and Mobilization Reduce Risk of Nerve Injury in Humeral Shaft Repair? R. Belayneh1, K. Broder1, D. Kugelman1, P. Leucht1, S. Konda1, K. A. Egol1 1New York University School of Medicine, Orthopaedic Surgery, New York, NY, USA 2Howard University College of Medicine, Washington, DC, USA
54.09. Negative Impact of Sarcopenia on Postoperative Outcomes of Severely Burned Patients. B. Murray1, S. Deveraj2, A. Sanford2, T. Saclarides3, D. M. Hayden1 1Rush University Medical Center, Department of General Surgery, Chicago, IL, USA 2Loyola University Medical Center, Department of General Surgery, Maywood, IL, USA
54.10. Are children who live near ski resorts at lower risk for injury compared to those from out of state? F. Sheikh1, K. Tauber1, I. C. Bostock1, A. O. Crockey2, R. M. Baertschi1 1Dartmouth Hitchcock Medical Center, Division of Pediatric Surgery, Lebanon, NH, USA 2Dartmouth Hitchcock Medical Center, Division of Trauma and Acute Care Surgery, Lebanon, NH, USA
54.11. Understanding the Impact of Retained Bullets from the Perspective of the Injured: A Qualitative Study. R. Maduka1, S. Resnick2, V. Kumar3, S. Jacoby4, M. Seamon4, R. Smith4 1University of Pennsylvania, the Perelman School of Medicine, Philadelphia, PA, USA 2Hospital of the University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA 3University of Pennsylvania, School of Nursing, Philadelphia, PA, USA 4Emory University School of Medicine, Department of Surgery, Atlanta, GA, USA
54.12. Analysis of Intensive Care Unit Admission Data in Urban Teaching Hospital in Maputo, Mozambique. J. Y. Valenzuela1, F. Urci1, L. Niquice1, M. Sidat1, R. G. Valenzuela2, K. McQueen1 1Vanderbilt University Medical Center, Nashville, TN, USA 2Stony Brook University Medical Center, Stony Brook, NY, USA 3Universidade Eduardo Mondlane, Maputo, Mozambique
54.13. Duodenal Stenting in the Management of Complex Pancreatic and Duodenal Trauma. H. N. Mashbani1, K. Chow1, M. Hemdi1, K. Danielson2, E. Smith-Singares1 1University of Illinois at Chicago, Division of Surgical Critical Care, Chicago, IL, USA
54.14. ROTEM Guided Transfusion Reduces Incidence of Pelvic Packing in Patients who Sustain Pelvic Injury. B. Zahoor1, S. Kent1, J. Piercey1, M. Randell1, K. Tetsworth1, D. Wall1 1Royal Brisbane & Women’s Hospital, Trauma, Brisbane, QLD, Australia
54.15. Surgeon-Placed Endoscopic Stent As Rescue Therapy for Failed Esophageal Repair After Trauma. K. Chow1, H. N. Mashbani1, M. Hemdi2, E. Smith-Singares1 1University of Illinois at Chicago, Division of Surgical Critical Care, Chicago, IL, USA
54.16. Accelerometers as an adjunct to mobility assessment in the intensive care unit: a feasibility study. K. Ricci1, C. Horwood1, K. Castellon-Larios1, C. Byrd1, S. Steinberg1, D. Vazquez1 1The Ohio State Wexner Medical Center, Surgery, Columbus, OHIO, USA
54.17. Risk Factors for Prolonged Need for PEG Tube In Adult Trauma Patients: Experience of a Level I Trauma Center. B. K. Yorkgitis1, O. A. Olufajo2, L. Gurien2, E. Kelly3, A. Salim4, R. Askari1 1University of Florida-Jacksonville, Acute Care Surgery, Jacksonville, FL, USA 2Bingham and Women’s Hospital, Trauma, Burns and Surgical Critical Care, Boston, MA, USA
54.18. Comparing Complication Rates of Chest Tube Placement in Trauma Patients. C. W. Jones1, R. L. Griffin2, G. McGwin2, J. Jansen1, J. D. Kerby1, P. L. Bosarge1 1University of Alabama at Birmingham, Department of Surgery, Division of Acute Care Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Department of Epidemiology, Birmingham, Alabama, USA
54.19. Are children who live near ski resorts at lower risk for injury compared to those from out of state? F. Sheikh1, K. Tauber1, I. C. Bostock1, A. O. Crockey2, R. M. Baertschi1 1Dartmouth Hitchcock Medical Center, Division of Pediatric Surgery, Lebanon, NH, USA 2Dartmouth Hitchcock Medical Center, Division of Trauma and Acute Care Surgery, Lebanon, NH, USA
54.20. Outcomes of Abdominal Gunshot Wounds in Patients with Obesity. P. Patalano1, M. C. Smith1, T. Schwartz4, G. Sugiyama2, V. Roudnitsky1 1New York University School of Medicine, Surgery, New York, NY, USA 2Vanderbilt University Medical Center, Surgery, Nashville, TN, USA 3North Shore University and Long Island Jewish Medical Center, Surgery, Manhasset, NY, USA 4Kings County Hospital Center, Surgery, Brooklyn, NY, USA
55. CLINICAL/OUTCOMES: TRAUMA/Critical Care QUICKSHOT SESSION 6

MODERATORS: Alexandra Briggs, MD & Chet A. Morrison, BA, MD

55.01. Hearing Impairment Impedes Physical Function Recovery after Falls in the Elderly. J. R. Oliver, C. J. DiMaggio, P. R. Ayoung-Chee 1  New York University School of Medicine, New York, NY, USA 2

55.02. Sex-Based Differences in Transfusion Need After Severe Injury: Findings of the PROPPR Study. M. McCorm, B. Leroux, T. Fang, E. Bulger, S. Arabi, C. E. Wade, E. Fox, J. B. Holcomb, B. Robinson 1  University of Washington, Surgery / General Surgery, Seattle, WA, USA 2  University of Utah, Surgery / General Surgery, Salt Lake City, UT, USA 3  University of Texas Health Science Center at Houston, Surgery / General Surgery, Houston, TX, USA

55.03. Considerations for Rib Plating versus Conservative Treatment of Rib Fractures. I. Puente, E. Picard, J. Wycech, G. DiPasquale, R. Weiss, A. Fokin 1  Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA 2  Florida Atlantic University, College of Medicine, Boca Raton, FL, USA 3  DeKalb Medical Center, Trauma, DeKalb Beach, FL, USA 4  Health Care District Palm Beach County, Trauma, Palm Springs, FL, USA

55.04. Using Artificial Intelligence to Predict Prolonged Mechanical Ventilation and Tracheostomy Placement. J. Parreco, R. Kozol 1  University of Miami, Miami, FL, USA


55.06. Variability of Fluid Administration During Exploratory Laparotomy for Abdominal Trauma. J. E. Baker, G. Katsaros, G. E. Martin, C. Wakefield, A. T. Makley, M. D. Goodman 1  University of Cincinnati, Surgery, Cincinnati, OH, USA

55.07. Seniority is not a Privilege: Analysis of Triage & Access to Trauma Centers for patients ≥65 years. T. Uribe Leitz, D. J. Sturgeon, A. F. Harlow, M. P. Jammar, S. Lipsitz, Z. Cooper, A. Salim, A. H. Haider 1  Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA

55.08. Validation of the Surgical Apgar Score In Trauma Patient Undergoing Emergent Exploratory Laparotomy. A. Masi, M. Choudhary, K. Chao, C. Barrera, L. Dresner, M. Mathukumar, R. Gruessner, V. Roudnitsky 1  Kings County Hospital Center, Surgery/Trauma, Brooklyn, NY, USA

55.09. Rapid Ground Transport of Trauma Patients A Moderate Distance From Trauma Center Improves Survival. B. N. Taylor, N. Rasnake, K. McNutt, B. J. Daley 1  University of Tennessee Medical Center, Surgical Critical Care, Knoxville, TENNESSEE, USA

55.10. Feasibility of Fluoroscopy-Free Endovascular Navigation in Trauma Patients of Different Ages. B. Marmie, C. Sanderfer, J. Fuchs, A. Kamensky, P. Aylward, M. Tommeraasen, J. MacTaggart 1  University of Nebraska Medical Center, Surgery, Omaha, NE, USA 2  University of Kansas Medical Center, Department of Surgery, Kansas City, KS, USA 3  University of Kansas Health System, Trauma Services, Kansas City, KS, USA

55.11. Limitations in Aggressive Management of Gunshot Wounds to the Brain. L. A. Robinson, P. Arnold, T. J. McDonald, S. Berry, A. Bennett, J. Howard, J. L. Green, R. D. Winfield 1  University of Kansas Medical Center, Department of Surgery, Kansas City, KS, USA 2  University of Kansas Health System, Trauma Services, Kansas City, KS, USA 3  University of Kansas Medical Center, Department of Neurosurgery, Kansas City, KS, USA

55.12. Elevated sST2 Levels are Associated with Adverse Outcomes and Mortality in Blunt Trauma Patients. I. Billiar, J. Guardado, J. Brown, O. Abdul-Malak, Y. Vodovotz, T. R. Billiar, R. A. Namas 1  University of Pittsburgh, Pittsburgh, PA, USA

55.13. Predictors of Reintubation After Self-extubation in the Intensive Care Unit. L. Mansia, Z. Ashman, E. Howell, D. Kim, D. Plurad, J. L. Green, Z. Ashman, E. Howell 1  David Geffen School Of Medicine, University Of California At Los Angeles,Los Angeles, CA, USA 2  Harbor-UCLA Medical Center,Surgery,Torrance, CALIFORNIA, USA


55.15. Breaking Bounce-backs: Number of Pre-Injury Hospital Admissions Predicts Readmission after Trauma. Z. G. Hashmi, C. K. Zogg, M. P. Jammar, A. Salim, A. H. Haider 1  Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA 2  Sinai Hospital of Baltimore, Surgery, Baltimore, MD, USA 3  Yale University School of Medicine, New Haven, CT, USA

55.16. CT Completion Times in a MCI: Is There a Difference Between Pre-Registered EMR and Downtime Protocol. R. D. Rampp, M. Sammer, S. D. Bhattacharya 1  University of Tennessee College of Medicine, Department of Surgery, Chattanooga, TN, USA

55.17. Frailty Score on Admission Predicts Outcomes in Elderly Trauma Patients. E. Curtis, K. S. Romanowski, S. Sen, A. Hill, C. Cocanour 1  University of California - Davis, Department of Surgery, Sacramento, CA, USA 2  University of Iowa, Department of Surgery, Iowa City, IA, USA 3  University of California - Davis, Clinical Diagnostic Epidemiology, Davis, CA, USA


55.19. Smartphone App Improves Communication and Teamwork in Trauma Care. A. R. Privette, L. Roberts, D. Wilson, M. Kish, B. Carter, E. Woltz, B. Crookes, K. Catchpole 1  Medical University of South Carolina, Charleston, SC, USA

55.20. Characteristics of Trauma Patients Who Received Palliative Care Consultation. I. Puente, A. Fokin, J. Katz, A. Tymchak, J. Wycech, S. Koff, S. Vitianniemi, R. Teitzman 1  Florida Atlantic University, College of Medicine, Boca Raton, FL, USA 2  DeKalb Medical Center, Trauma, DeKalb Beach, FL, USA
56.01. Surgical Resident Participation in Daily, ABSITE Preparedness e-Quiz. C. V. Warner¹, G. Havelka¹, S. Naffouj¹, H. Shah¹, S. Thomas¹, J. Sugrue¹, A. Meiliqen¹, J. Nordenstam¹ | University of Illinois at Chicago, Chicago, IL, USA

56.02. Is Solo Surgery the Goal of the Laparoscopic Colorectal Surgeons? J. Yatsutomi¹, K. Kusashio¹, M. Matsumoto¹, T. Suzuki¹, A. Iida¹, K. Fushimi¹, S. Iرابº¹, T. Komura¹, N. Yamamoto², N. Iimura¹, R. Harano¹, A. Yoshizumi¹, R. Takayanagi¹, N. Matsuyama¹, I. Udagawa¹ | Chiba Rosai Hospital, Department of Surgery, Ichihara-city, CHIBA, Japan | Chiba Rosai Hospital, Department of Emergency and Intensive Care, Ichihara-city, CHIBA, Japan

56.03. Accessibility and Content of Abdominal Transplant Fellowship Program Web Sites in the United States. C. K. Cantrell¹, S. L. Bergstresser¹, B. L. Young², S. H. Gray³, J. A. White² | University of Alabama at Birmingham, School of Medicine, Birmingham, AL, USA | Carolinas Medical Center, Department of Orthopaedic Surgery, Charlotte, NC, USA | University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

56.04. Improving Teamwork in the Trauma Bay. A. DeLoach¹, C. Coogan¹, C. R. Thrush¹, M. K. Kimbrough¹ | University of Arkansas for Medical Sciences, Trauma and Critical Care Surgery, Little Rock, AR, USA

56.05. Belize It: Development of an International Surgery Rotation. J. F. Vance¹, N. Rao¹, B. Burns¹, D. Walters¹ | East Tennessee State University - Quillen College of Medicine, Department of Surgery, Johnson City, TN, USA

56.06. Practice-based Learning & Improvement: Assessment of a Core ACGME Competency. M. Narayan¹, R. A. Edwards¹ | Weill Cornell Medical College, the Division of Trauma, Burns, Critical and Acute Care Surgery, New York, NY, USA | MGH Institute of Health Professions, Center for Interprofessional Studies and Innovation, Boston, MA, USA

56.07. Understanding the Use of Video in Surgical Education. J. L. Green¹, P. Bittar¹, V. Suresh¹, A. Allori¹ | Duke University Medical Center, School of Medicine, Durham, NC, USA | Duke University Medical Center, Division of Plastic, Maxillofacial & Oral Surgery, Durham, NC, USA

56.08. Creation and Assessment of an Operative Trauma Training Course in a Low Resource Setting in Uganda. M. P. DeWane¹, M. Cheung¹, G. Kurigamba², R. N. Kabuye², J. Mabweijano², M. Galukande², D. E. Ozgediz³, K. Y. Pei³ | Yale University School of Medicine, Department of Surgery, New Haven, CT, USA | Makerere University, Department of Surgery, Kampala, KAMPALA, Uganda

56.09. Complex General Surgical Oncology Training Milestones: How Much Do We Really Understand?. O. S. Eng¹, R. A. Nelson¹, V. Sun¹, L. L. Lai¹, K. A. Melstrom¹ | City of Hope National Medical Center, Duarte, CA, USA

56.10. Saving the World -- One Medical Student at a Time. A. V. Jambhekar¹, C. Kwock¹, S. Patrucco Reyes¹, V. Nwaokocha¹, M. Zenilman¹, J. Rucinski¹ | New York Presbyterian Brooklyn Methodist Hospital, Surgery, Brooklyn, NY, USA

56.11. The Application of Data Science Principles to Competency-Based Medical Education. N. S. Hoang¹, J. Lau¹ | Stanford University, Department of General Surgery, Palo Alto, CA, USA

56.12. Design and Implementation of Surgical Resident Simulation Curriculum via Novel Myotomy Model. B. P. Blackwood¹, B. R. Veenstra¹, A. Wotowicz¹, S. Pillai¹, J. M. Velasco¹ | Rush University Medical Center, General Surgery, Chicago, IL, USA

56.13. Incongruity in Graduating Surgery Residents’ Experience with Breast Operations. L. A. Linker¹, S. F. Markowiak², S. A. Toraby¹, M. Adair², S. M. Pannell², M. M. Nazzal² | University of Toledo, College of Medicine, Toledo, OH, USA | University of Toledo, Department of Surgery, Toledo, OH, USA

56.14. Journal Club in US Plastic Surgery Training Programs: Are We Doing It Right? A. Nayar¹, M. C. Roughten¹, L. K. Kallianen¹ | University of North Carolina at Chapel Hill, Plastic and Reconstructive Surgery, Chapel Hill, NC, USA | University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA

56.15. Surgical Education for the Millennial Generation: Transforming ABSITE Learning in the 21st Century. N. Leigh¹, M. Passeri¹, G. Kim¹ | St. Luke’s Roosevelt Hospital Center, Surgery, New York, NY, USA

56.16. Early Autonomy May Contribute to an Increase in General Surgical Workforce. M. P. Taylor¹, M. A. Quinn¹, J. Burns¹ | East Tennessee State University College of Medicine, Department of Surgery, Johnson City, TENNESSEE, USA

56.17. Value Driven Healthcare Education: A Needs Assessment at A General Surgery Residency Program. V. Martinez-Vargas³, B. Smith¹ | University of Utah, Division of Vascular Surgery, Salt Lake City, UT, USA | University of Puerto Rico School of Medicine, San Juan, Puerto Rico, USA

56.18. Analysis of Instructional Behaviors in Robotic Surgery. S. N. Chu¹, C. A. Green³, H. Chern³, P. O’Sullivan²² | University of California - San Francisco, School of Medicine, San Francisco, CA, USA | University of California - San Francisco, Department of Surgery, San Francisco, CA, USA | University of California - San Francisco, Department of Medicine, San Francisco, CA, USA

56.19. Mind Mapping: What Do Medical Students Think About Vascular Surgery?. F. M. Amendola¹, B. J. Kaplan¹ | Virginia Commonwealth University, Surgery, Richmond, VA, USA

56.20. Online Repository for Clinical Decision Support Materials for Use by Surgical Trainees. D. Papandria¹, K. A. Diefenbach¹, J. Christensen¹, J. G. Fisher¹, B. D. Kenney¹ | Nationwide Children’s Hospital, Pediatric Surgery, Columbus, OH, USA
57.01. Use of Google Glass for Patient Information Presentation for Emergency Response and Training. S. Ganapathy, M. C. McCarthy 1 "Wright State University, Department of Industrial and Human Factors Engineering; Department of Trauma Care and Surgery, Dayton, OH, USA

57.03. Silicone-rubber as a Viable, Cheaper Alternative to Current Commercial Simulated Bowels. K. M. Bell, B. Wise, C. Kwan, A. Witt, C. M. Pugh 1 "University of Wisconsin, Surgery, Madison, WI, USA

57.04. Impact of Novel CVC Simulation Training Program for Residents on Line Associated Complications. C. Cairns, M. Goyal, J. Day, A. Kumar, Z. Winchester, J. Katz, J. Bell, S. Fitzgibbon 1 "Georgetown University School of Medicine, Washington, DC, USA 2Medstar Washington Hospital Center, Emergency Medicine, Washington, DC, USA 3MedStar Health Research Institute, Hyattsville, MD, USA 4MedStar Georgetown University Hospital, General Surgery, Washington, DC, USA

57.05. Trauma Simulation Teaching in Cuba – A Model for Other Low- and Middle- Income Countries (LMICs)? S. Yule, R. Dias, J. Robertson, A. Gupta, S. Singh, S. Lipitz 1 "McMaster University, Department of Surgery, Hamilton, ON, Canada 2University of Miami, Miami, FL, USA

57.06. Astronaut Crew Non-Technical Skills for Medical Event Management on Deep Space Exploration Missions. S. Yule, R. Dias, J. Robertson, A. Gupta, S. Singh, S. Lipitz 1 "McMaster University, Department of Surgery, Hamilton, ON, Canada 2University of Miami, Miami, FL, USA

57.12. Immediate Visual Feedback’s Impact on Skill and Confidence During Complex TraumaCase Application. J. C. Xu, C. Kwan, C. Pugh 1University of Wisconsin, School of Medicine and Public Health, Madison, WI, USA

57.13. Simulation model for Laparoscopic and Robotic Foregut Surgery. F. Schlottmann, N. S. Murty, M. G. Patti 1University of North Carolina, Surgery, Chapel Hill, NC, USA

57.14. Multi-Lingual Pedagogy Techniques for Low Confidence First Responders: Innovative Global Trauma Defense. D. Vyas, S. Huffman, J. Wright, E. Larumbe, H. Purohit 1Texas Tech Health Science Center School of Medicine, Department of Surgery, Odessa, TX, USA 2Arogya Healthcare Private Limited,Chennai, TAMIL-NADU, India


57.16. A Novel Cadaver-Based Model for Negative Pressure Therapy Training. C. B. Horn, A. Coleoglu Centeno, M. M. Frisella, C. M. Donald, G. V. Bochicchio, S. R. Eaton, J. P. Kirby, L. J. Punch 1Washington University, Department of Surgery, St. Louis, MO, USA


57.18. Video Gaming Influence on Technical Abilities Amongst Surgical and Non-Surgical Residents.. J. Lam, C. Maeda, T. Suzuki, T. Pham, B. Bernstein, B. Sandler, G. Jacobsen, S. Horgan 1University of California - San Diego, Minimally Invasive Surgery, San Diego, CA, USA


57.20. A Cadaver-Based Enterotraumatogenic Fistula Model for Negative Pressure Therapy Training. A. Coleoglu Centeno, C. B. Horn, M. M. Frisella, C. M. Donald, G. V. Bochicchio, S. R. Eaton, J. P. Kirby, L. J. Punch 1Washington University, Department of Surgery, St. Louis, MO, USA
SCIENTIFIC PROGRAM
Wednesday, January 31, 2018

SUS New Member Poster Session
GRAND BALLROOM FOYER

GROUP 1
Poster Moderators: Rebecca Minter, MD and Sharon Weber, MD
P1. An Endovascular, Totally Implantable Cardiac Support Device for early Class III Heart Failure; P. Bonde
P2. Outcomes in patients with ventricular dysfunction undergoing off-pump vs on-pump CABG; J. E. Davies
P3. MTC in MEN2A: ATA Moderate or High-Risk RET Mutations Do Not Predict Disease Aggressiveness; E.G. Grubbs
P4. The Thyroid Cancer Policy Model: A Mathematical Simulation Model of Thyroid Cancer; C. C. Lubitz
P5. The Learning Curve of Transvaginal NOTES Cholecystectomy; K. Roberts
P6. Qualitative Analysis of a Cultural Dexterity Program for Surgeons: Feasible, Impactful, and Essential; D. S. Smink

GROUP 2
Poster Moderators: Allan Tsung, MD and Sandra Wong, MD, MS
P8. Donor-derived Non-classical Monocytes Mediate Primary Lung Allograft Dysfunction; A. Bharat
P9. Obesity is Associated with Increased Risk of Mortality among Living Kidney Donors; J.E. Locke
P10. Clinical outcomes and superinfection in HIV+ to HIV+ renal transplants; E. Muller
P11. Specialized Critical Care Model and Short-Term Survival Outcomes Following Liver Transplantation; M.A. Zimmerman
P12. Organizational Dynamics and Failure to Rescue After Major Surgery; A. A. Ghaferi

GROUP 3
Poster Moderators: Gregory Kennedy, MD, PhD and Kelli Bullard-Dunn, MD
P13. Standardized infection reduction bundle leads to decrease in colorectal surgical site infections; M. A. Guerrero
P14. COMP Gene is Over-expressed In Colon Cancer In Young Patient and Associated With Poor Survival; V. N. Nfonsam
P15. Enhanced Recovery After Colorectal Surgery: Can We Afford Not to Use it?; I. M. Paquette
P16. Post-operative 30-day Readmission: Time to Focus on What Happens Outside the Hospital; M. Morris
P17. Optimizing Surgical Outcomes: Strong for Surgery Program and Precision Exercise Prescription Trial; T. K. Varghese
P18. Oligo-Metastases in Patients with Colon Cancer; K. K. Turaga

GROUP 4
Poster Moderators: Timothy Pritts, MD, PhD and Timothy Donahue, MD
P19. Surgical Frailty: Research Agenda to Measure and Mitigate Frailty-Associated Risk Before Surgery; D. E. Hall
P20. Prehospital Tourniquet Use in Operation Iraqi Freedom: Effect on Hemorrhage Control and Outcomes; A. C. Beekley
P21. The Epidemiology of Resuscitative Thoracotomy: Does Center Volume Matter?; D. N. Holena
P22. Remote Ischemic Conditioning Attenuates Cognitive and Motor Deficits From Traumatic Brain Injury; B. Joseph
P24. Defining Acute, Modifiable Risk Factors for Lung Injury Following Trauma; B. R. Robinson

GROUP 5
Poster Moderators: David Hackam, MD, PhD and Danny Chu, MD
P25. Prospective Evaluation of Non-Operative Management of Uncomplicated Appendicitis in Children; S. L. Lee
P26. Effectiveness of Non-Operative Management of Uncomplicated Appendicitis in Children; P. C. Minneci
P27. Thromboelastography (TEG)-Guided Management of Anticoagulation In Extracorporeal Membrane Oxygenation; C. Muratore
P28. Multimodal Pain Prophylaxis reduces length of stay of bariatric surgical patients; A. J. Duffy
P29. Spinal Cord Ischemia After Aneurysm Repair; Cellular, Molecular Mechanisms and Treatment Implications; H. F. El Sayed
P30. Medical Student Mistreatment in the Surgery Core Clerkship; J. Lau

GROUP 6
Poster Moderators: Taylor Riall, MD, PhD and Clifford Cho, MD
P31. Preoperative therapy for borderline resectable pancreatic cancer; M. H. Katz
P32. The Effect of Health Insurance on the Treatment of Pancreatic Cancer; A. A. Parikh
P33. Radiation and Natural Killer Cell Immunotherapy in Canine Sarcomas and First-in-Dog Clinical Trial; R. J. Canter
P34. Should age be considered in decision making for SLN biopsy in patients with melanoma?; G. C. Karakousis
P35. Stemness, Notch, and EZH2 in Melanoma; J. M. Mammen
P36. Neoadjuvant Therapy Versus a Surgery-First Approach for Patients with Gastroesophageal Cancers; J. T. Mullen
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<td>4:30 PM - 5:30 PM</td>
<td>AAS Resident/Student Meet the Leadership Reception</td>
<td>DAYTONA</td>
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<td>5:30 PM - 7:00 PM</td>
<td>AAS Business Meeting</td>
<td>GRAND BALLROOM 1-3</td>
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<td>7:00 PM - 12:00 AM</td>
<td>ASC Celebration Event and AAS/SUSF Poker Tournament</td>
<td>GRAND BALLROOM 4-5</td>
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6:15 AM - 7:30 AM
ASC Fun Run!

Join us for the first annual ASC Fun Run. This will be a 5k run along the St. John's River. Pre-registration required.

7:30 AM - 9:30 AM
Integrated Oral Presentations Session II

MODERATORS: Alicia M. Mohr, MD & Sean F. Monaghan, MD

58.01. Invariant Natural Killer T-cells mediate sepsis survival via modulation of the Ang-1/Ang-2 pathway. D. S. Heffernan, T. T. Chun, C. Chung, A. Ayala, J. Lomas-Neira 1 Brown University School of Medicine, Surgical Research, Providence, RI, USA

58.02. TLR2 and TNF Induce Acute Kidney Injury Through Renal C3 Production in Diabetic Mice During Sepsis. L. M. Frydrych, G. Bian, K. Hei, G. K. Wamam, M. S. Anderson, F. Fattah, P. A. Ward, M. J. Delano 1 University of Michigan, Department of Surgery, Division of Acute Care Surgery, Ann Arbor, MI, USA 2 University of Michigan, Department of Pathology, Ann Arbor, MI, USA

58.03. Systemic Regulation of Bone Marrow Stromal Cytokines Following Severe Trauma. E. S. Miller, T. J. Loftus, K. B. Kannan, P. A. Efro, M. A. Mohr 1 University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA

58.04. Human Mesenchymal Stem Cells Hatch the Kinetics of Clot Formation. M. J. George, K. Prabhakara, N. E. Toledano-Furman, Y. Wang, S. D. Olson, B. S. Gill, C. E. Wade, C. S. Cox 1 University of Texas Health Science Center at Houston, Pediatric Surgery, Houston, TX, USA

58.05. the Endocannabinoid System: A Biomarker for Pain in the Traumatically Injured?. C. M. Trevino, S. Chesney, C. Hillard, T. DeRoon-Cassini 1 Medical College of Wisconsin, Surgery Trauma and Acute Care Surgery, Milwaukee, WI, USA 2 Marquette University, Milwaukee, WI, USA

58.06. Early Continuous Renal Replacement Therapy Alleviates Post-Cardiac Arrest Syndrome after Hemorrhage. P. Shen, J. Xu, S. Xia, S. Liu, Z. Li, M. Zhang 1 Department of Emergency Medicine, Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, ZHEJIANG, China 2 Institute of Emergency Medicine, Zhejiang University, Hangzhou, ZHEJIANG, China 3 Department of Intensive Care Medicine, the First Hospital of Jiaxing, Jiaxing, ZHEJIANG, China 4 Department of Emergency Medicine, Yuyao People’s Hospital, Medical School of Ningbo University, Ningbo, ZHEJIANG, China


58.08. Traumatic Endotheliopathy is Associated With Arrival Hypoocoagulability in Level-1 Trauma Patients. E. Gonzalez-Rodriguez, J. Cardenas, B. Cotton, Y. Wang, S. Ostrowski, J. Stensballe, P. Johansson, J. Holcomb, C. Wade 1 University of Texas Health Science Center at Houston, Center for Translational Injury Research, Houston, TX, USA 2 Copenhagen University Hospital, Section for Transfusion Medicine, Capital Region Blood Bank, Copenhagen, Denmark 3 Copenhagen University Hospital, Department of Anesthesiology, Centre of Head and Orthopedics, Copenhagen, Denmark

58.09. Blue Light Improves Survival After Pneumonia By Augmenting Circadian Protein Expression. J. E. Griepentrog, A. J. Lewis, X. Zhang, J. S. Lee 1 University of Pittsburgh, Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, Pittsburgh, PA, USA 2 University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA

58.10. 59.01. * Colombian Surgical Association Visitor: Differences in vascular reactivity of arteries of colon tumors vs. non tumoral arteries in humans: role of phenylephrine, thromboxone and bradykinin. N. Cupitra, A. Múnera Duque, J. P. León, R. Narvaez-Sanchez 1 PHYSIS GROUP, Faculty of Medicine, University of Antioquia, Medellín, Antioquia, Colombia 2 Department of Surgery, Faculty of Medicine, University of Antioquia, Medellín, Antioquia, Colombia

59.02. Rapamycin Inhibits Primary and Recurrent Heterotopic Ossification in Genetically Susceptible FOP Mice. C. Hwang, S. Ucer, C. Pagani, N. Patel, A. Vaishampayan, M. Sorkin, M. T. Chung, J. Li, C. Breuer, C. Priest, A. N. Economides, S. Agarwal, Y. Mishina, B. Levi 1 University of Michigan, Section of Plastic Surgery, Ann Arbor, MI, USA 2 University of Michigan, Department of Biologic and Material Sciences, School of Dentistry, Ann Arbor, MI, USA 3 Regeneron Pharmaceuticals and Genetics Center, Tarrytown, NY, USA

59.03. Loss of Intestinal Alkaline Phosphatase Leads to Distinct Changes in Bone Phenotype. F. Kuehn, F. Adilgham, S. R. Hamarneni, R. Vasani, E. Liu, Y. Liu, J. M. Ramirez, F. C. Ko, M. L. Bouxsein, M. N. Wein, M. B. Demay, R. A. Hodin 1 Massachusetts General Hospital, Surgery, Boston, MA, USA 2 Massachusetts General Hospital, Endocrinology, Boston, MA, USA


59.05. Reverse Thermal Gel: Our Candidate for an Early, Minimally Invasive Method to Patch Myelomeningocele. J. R. Bardill, D. Park, U. Shabeka, A. I. Marvan, 1 University of Colorado Denver, Laboratory for Fetal Regenerative Biology, Aurora, CO, USA 2 University of Colorado Denver, Bioengineering, Aurora, CO, USA 3 Children’s Hospital Colorado, Pediatric Surgery, Aurora, CO, USA

59.06. Macrophage Transplantation Accelerates Repair of Cutaneous Wounds but not Cranial Defects. M. R. Borrelli, M. S. Hu, W. Hong, G. G. Walsmey, M. P. Murphy, M. Lopez, R. C. Ransom, H. P. Lorenz, M. T. Longaker 1 Stanford University, Plastic Surgery and Pediatric Regenerative Medicine, Palo Alto, CA, USA

59.07. Ischemia-Reperfusion Injury Induces Neuronal Cell Division in the Murine Enteric Nervous System. C. J. Greig, C. J. Park, S. J. Armenian, L. Zhang, R. A. Cowles 1 Yale University School of Medicine, New Haven, CT, USA 2 University of Massachusetts Medical School - Baystate Medical Center, Springfield, MA, USA

59.08. The Endocannabinoid System: A Biomarker for Pain in the Traumatically Injured?. C. M. Trevino, S. Chesney, C. Hillard, T. DeRoon-Cassini 1 Medical College of Wisconsin, Surgery Trauma and Acute Care Surgery, Milwaukee, WI, USA 2 Marquette University, Milwaukee, WI, USA

59.09. Thrombocytopenia: A Major Barrier to Sepsis Mortality. B. B. Eken, T. J. Loftus, K. B. Kannan, P. A. Efro, M. A. Mohr 1 University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA

59.10. 60.01. * Colombian Surgical Association Visitor: Differences in vascular reactivity of arteries of colon tumors vs. non tumoral arteries in humans: role of phenylephrine, thromboxone and bradykinin. N. Cupitra, A. Múnera Duque, J. P. León, R. Narvaez-Sanchez 1 PHYSIS GROUP, Faculty of Medicine, University of Antioquia, Medellín, Antioquia, Colombia 2 Department of Surgery, Faculty of Medicine, University of Antioquia, Medellín, Antioquia, Colombia

60.02. Traumatic Endotheliopathy is Associated With Arrival Hypoocoagulability in Level-1 Trauma Patients. E. Gonzalez-Rodriguez, J. Cardenas, B. Cotton, Y. Wang, S. Ostrowski, J. Stensballe, P. Johansson, J. Holcomb, C. Wade 1 University of Texas Health Science Center at Houston, Center for Translational Injury Research, Houston, TX, USA 2 Copenhagen University Hospital, Section for Transfusion Medicine, Capital Region Blood Bank, Copenhagen, Denmark 3 Copenhagen University Hospital, Department of Anesthesiology, Centre of Head and Orthopedics, Copenhagen, Denmark

60.03. Blue Light Improves Survival After Pneumonia By Augmenting Circadian Protein Expression. J. E. Griepentrog, A. J. Lewis, X. Zhang, J. S. Lee 1 University of Pittsburgh, Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, Pittsburgh, PA, USA 2 University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA

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59.08. Skin Fibrosis is Decreased by Local Application of Doxycycline Without Compromising Tensile Strength. R. E. Jones¹,², A. L. Moore²,³, M. P. Murphy³, D. S. Foster³, S. Mascharak³, B. Duoto⁴, D. Irizarry⁴,⁵, E. A. Brett⁵, G. Wernig⁵, M. T. Longaker⁵ ¹University of Texas Southwestern Medical Center, General Surgery, Dallas, TX, USA ²University of Arizona, Department of Surgery, Tuscon, AZ, USA ³University of California, San Diego, Department of Surgery, La Jolla, CA, USA ⁴Rush University Medical Center, Division of Plastic Surgery, Chicago, IL, USA ⁵Stanford University, Division of Plastic Surgery, Department of Surgery, Palo Alto, CA, USA

59.09. Prx1 Identifies the Fibroblast Sub-Population Responsible for Scarring in the Ventral Dermis. M. S. Hu¹, T. Leavitt¹, R. Ransom¹, J. Garcia¹, U. Litzenburger¹, G. Walmsley¹, C. Marshall¹, L. Barnes¹, A. Moore¹, E. Zielins¹, C. Chan¹, D. Wan¹, P. Lorenz¹, H. Chang¹, M. Longaker² ¹Stanford University, Division of Plastic Surgery, Department of Surgery, Palo Alto, CA, USA

59.10. Psychosocial Stress and Dysbiosis Alter Intestinal Immunity in C57BL/6. S. Deas¹, J. Neilson¹, K. Brawner¹, C. Morrow¹, C. Martin¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA

60.01. A Tumor Infiltrating Nanoparticle Delivery Platform for In Vivo KRAS Knockdown. B. A. Krasnick¹, M. S. Strand¹, N. Sankpal¹, Y. Bi¹, P. Goedegebuure¹, S. Wickline¹, H. Pan², R. C. Fields¹ ¹Washington University, Surgery, St. Louis, MO, USA ²University of South Florida College of Medicine, Cardiology, Tampa, FL, USA

60.02. Rectal Cancer Patient Derived Xenograft Model to Advance Personalized Therapy. S. A. Becker¹, Y. Zhu¹, C. Wang¹, A. W. Cross¹, E. A. Armanò¹, University of South Carolina, Department of Surgery, Charleston, SC, USA ¹Medical University of South Carolina, Department of Pathology and Laboratory Medicine, Charleston, SC, USA ²Medical University of South Carolina, Department of Medicine, Charleston, SC, USA ³Medical University of South Carolina, Department of Public Health Sciences, Charleston, SC, USA ⁴University Medical Center, Surgery, Durham, NC, USA ⁵University of California - San Diego, Surgery, San Diego, CA, USA

60.03. Rituximab Decreases Lymphoproliferative Tumors and Increases Success of Patient-Derived Xenografts. J. L. Leiting¹, M. C. Hernandez¹, L. Yang¹, J. R. Bergquist¹, M. J. Truty¹ ¹Mayo Clinic, Department of Surgery, Rochester, MN, USA ²Mayo Clinic Center for Individualized Medicine, Rochester, MN, USA

60.04. Synergistic Apoptosis Following Endoplasmic Reticulum Stress Aggravation in Mucinous Colon Cancer. B. D. Honick¹, A. K. Dilly¹, S. Hong¹, Y. J. Lee¹,¹², H. J. Zeh¹, D. L. Bartlett¹, H. A. Choudry¹ ¹University of Pittsburgh, Department of Pharmacology & Chemical Biology, Pittsburgh, PA, USA ²University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA

60.05. the contribution of Enterococcus-mediated plasminogen activation in anastomotic leak pathogenesis. R. A. Jacobson¹,², O. Zaborina¹, J. C. Alverdy¹ ¹The University of Chicago, Surgery, Chicago, IL, USA ²Rush University/Cook County, Surgery, Chicago, IL, USA

60.06. Topical application of a Dual PI3K/mTOR Inhibitor for the Prevention of Anal Carcinogenesis In Vivo. B. L. Rademaker¹, L. M. Meske¹, K. A. Matkowskyj¹, E. D. LaCount¹, E. H. Carchman¹ ¹University of Wisconsin, Department of Surgery, Division of General Surgery, Madison, WI, USA ²University of Wisconsin, Department of Pathology and Laboratory Medicine, Madison, WI, USA

60.07. Lipidomic Profiling Identifies Phospholipase A2 as a Novel Effective Therapy for HNSCC In Vivo. C. Subramanian¹, T. M. Rajendirarn², T. Soni³, M. S. Cohen³ ¹University of Michigan, General Surgery, Ann Arbor, MI, USA ²University of Michigan, Pathology and Michigan Regional Metabolomics Resource Core, Ann Arbor, MI ³University of Michigan, Michigan Regional Metabolomics Resource Core, Ann Arbor, MI

60.08. Cationic Polymer Inhibits Pancreatic Cancer Invasion in vitro and Metastasis in vivo. I. A. Naqvi¹, R. Gunaratne¹, J. McDade¹, D. Rouse¹, J. Lee¹, B. Sullenger¹, R. White¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²University of California - San Diego, Surgery, San Diego, CA, USA

60.09. Innate Inflammation Regulation in Non-Human Primate Model of Brain Death and Kidney Transplantation. S. K. O'dorico¹, L. Zitur¹, T. Zenz¹, P. Chiebeck¹, J. Danobetia¹, A. D'Alessandro¹, L. Fernandez¹ ¹University of Wisconsin, Department of Surgery, Division of Transplantation, Madison, WI, USA

60.10. Interstitial pressure affects efficiency of lymphangiogenesis in 3D culture. W. Jiao¹, G. Lee¹, S. Park¹, B. Shao¹, C. Sung¹, B. Han¹, Y. Hong¹, A. K. Wong¹ ¹University of Southern California, Plastic Surgery, Los Angeles, CA, USA
Integrated Oral Presentations Session II

**61. BASIC SCIENCE: SURGICAL TRANSLATIONAL SCIENCE ORAL SESSION**

**MODERATORS:** Allan M. Goldstein, MD & Sundeep G. Keswani, MD

**61.02.** Patient Derived Xenographs Capture Cancer Cachexia and Preserve the Tumor Immune Signaling Profile. M. H. Gerber1, S. Judge1, D. Delitto1, A. Delitto1, R. Nosacka2, S. Wallet1, A. Judge1, J. Tkacz1,1 University of Florida, Department of Physical Therapy, Gainesville, FL, USA 1University of Florida, Department of Oral Biology, Gainesville, FL, USA

**61.03.** Distinct Lipid Mediator Profile Associated With Arteriovenous Fistula Maturation. J. Rozovsky1, K. Staton1, K. O’Malley1, M. S. Conte1, M. R. Spite1, S. Berceli1 University of Florida, Vascular Surgery, Gainesville, FL, USA 1University of California - San Francisco, Vascular Surgery, San Francisco, CA, USA 1Brigham and Women’s Hospital, Anesthesia, Boston, MA, USA

**61.04.** Metabolomic Signatures and Nitric Oxide Pathway Perturbations of End Stage Renal Disease Patients. K. M. Staton1, J. Rozovsky1, E. Quinilvan2, C. Kupper1, S. Gray1, T. Garrett1, S. Berceli1 University of Florida, Vascular Surgery, Gainesville, FL, USA 1University of Florida, Experimental Pathology, Gainesville, FL, USA

**61.05.** Differential Expression of Fatty Acid Synthase in Patients with Carotid Artery Stenosis. G. S. De Silva1, M. S. Danvechi1, K. S. Desai1, N. S. Harroun1, C. F. Semenkovich1, M. A. Zayed1,2 Washington University In St. Louis, Division of Vascular Surgery, Saint Louis, MO, USA 1Veterans Affairs St Louis Health Care System, Division of Vascular Surgery, Saint Louis, MO, USA 1Washington University In St. Louis, Division of Endocrinology, Lipid, and Metabolism, Saint Louis, MO, USA

**61.06.** Adjuvant Therapy Improves Survival In a Novel Immuno-competent Model of Pancreatic Cancer Resection... B. Giri1, V. Sethi1, B. Garg1, A. Farrantella1, S. Kurtom1, S. Modi1, Z. Malchiodi1, L. Hellmuth1, S. Ramakrishnan1, S. Banerjee1, A. Saluja1, S. Lavania1, V. Dudeja1 University of Miami, Department of Surgery, Miami, FL, USA

**61.07.** A Retrievable RESCUE Stent for Hemorrhage Control in a Porcine Model of Cava Injury. C. C. Go1, J. M. Kuhn1, Y. Chen1, Y. Chun1, B. Tillman1,2 University of Pittsburgh Medical Center, Division of Vascular Surgery, Pittsburgh, PA, USA 1Swanson School of Engineering, Department of Industrial Engineering, Pittsburgh, PA, USA 1University of Pittsburgh, McGowan Institute of Regenerative Medicine, Pittsburgh, PA, USA

**61.08.** Fat Grafting into Younger Recipients Positively Correlates with Volume Retention. C. P. Blackshear1, N. N. Chung1, D. M. Irizarry1, E. A. Brett1, J. M. Flacco1, A. Momeni1, G. K. Lee1, D. H. Nguyen1, M. T. Longaker1, D. C. Wani1 Hagey Laboratory for Pediatric Regenerative Medicine, Department of Surgery, Plastic and Reconstructive Surgery Division, Stanford University School of Medicine, Stanford, CA, USA 1Institute for Stem Cell Biology and Regenerative Medicine, Stanford University, Stanford, CA, USA

**61.09.** T Cells Potentiate Wound Repair By Regulating Extracellular Matrix Inflammation and Fibrosis. E. H. Steen1, X. Wang1, S. Balaji1, H. Li1, M. Fahrenholtz1, M. Butte1, P. Bolllyky1, S. Keswani1,2 1Baylor College of Medicine, Department of Surgery, Houston, Texas, USA 1Texas Children’s Hospital, Department of Pediatric Surgery, Houston, Texas, USA 1Stanford University, Department of Medicine, Division of Infectious Diseases and Geographic Medicine, Palo Alto, CALIFORNIA, USA 1University of California, Los Angeles, Department of Pediatrics, Division of Allergy and Immunology, Los Angeles, CALIFORNIA, USA

**61.10.** Altered Shear Forces Precipitate Fibrotic Remodeling in Discrete Subaortic Stenosis. E. H. Steen1, M. Fahrenholtz1, M. Kang1, L. Wadhwa1, J. Grande-Allen1,2,3, S. Balaji1, S. Keswani1,2 1Baylor College of Medicine, Department of Surgery, Houston, TX, USA 1Texas Children’s Hospital, Department of Pediatric Surgery, Houston, TX, USA 1Texas Children’s Hospital, Department of Surgery, Congenital Heart Surgery Service, Houston, TX, USA

7:30 AM - 9:30 AM

**Integrated Oral Presentations Session II**

**62. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE ORAL SESSION**

**MODERATORS:** Bellal Joseph, MD & Catherine G. Velopulos, MD, BA

**62.01.** High Value Care through Standardization of Continuous Renal Replacement Therapy. J. Tseng1, N. Minisian2, R. J. Halbert2, P. Hain1, T. Griner1, H. Rodriguez1, S. Barathan1, F. F. Alban1 Cedars-Sinai Medical Center, Department of Surgery, Los Angeles, CA, USA 1Cedars-Sinai Medical Center, Los Angeles, CA, USA

**62.02.** Are Trends in Fatal and Non-Fatal Firearm Related Injuries in Miami-Dade County Racially Divergent?. A. B. Padiadpu1, S. A. Eidelson1, J. Stoler1, M. B. Mulder1, R. Rattan1, T. L. Zakrison1 University of Miami, Ryder Trauma Center, the DeWitt Daughtry Family Department of Surgery, Miller School of Medicine, Miami, FL, USA 1University of Miami, Department of Geography and Regional Studies, Department of Public Health Sciences, Miami, FL, USA

**62.03.** Trauma Patients have Improved Access to Post-Discharge Resources through the Affordable Care Act. A. Y. Williams2, S. N. Davis2, S. K. Hill1, P. Connor1, Y. Lee1, C. C. Butts1, J. Simmons1, S. Brevard1, L. Ding1 University of South Alabama Medical Center, Department of Trauma, Surgical Critical Care and Burn Surgery, Mobile, AL, USA

**62.04.** Functional Inclusivity of the Northwest London Trauma Network. J. M. Wohlgemutz1,2, J. Davies1, G. Aylwin1, J. J. Morrison1, E. Cole1, N. Bhatrick1, S. I. Brundage1, J. O. Jansen1,2 Aberdeen Royal Infirmary, Department of Surgery, Aberdeen, SCOTLAND, United Kingdom 1Imperial College Healthcare NHS Trust, St Mary’s Hospital, North West London Trauma Network, London, ENGLAND, United Kingdom 1University of Maryland, R Adam Cowley Shock Trauma Center, Baltimore, MD, USA 1Queen Mary University of London, Centre for Trauma Sciences, Blizzard Institute, London, ENGLAND, United Kingdom 1University of Alabama at Birmingham, Division of Acute Care Surgery, Department of Surgery, Birmingham, Alabama, USA

**62.05.** the Sooner the Better: Use of a Real Time Automated Bedside Dashboard to Improve Sepsis Care. A. Jung1, M. D. Goodman1, C. Droege1, V. Nomellini1, A. J. Johannigman1, J. B. Holcomb1, T. A. Pritts1 University of Cincinnati, Surgery, Cincinnati, OH, USA 1University of Texas Health Science Center at Houston, Houston, TX, USA

**62.06.** ADAMTS13 activity correlates with coagulopathy after trauma: a potential novel marker and mechanism. M. R. Dyer1, W. Plautz1, M. A. Rollins-Raval1, J. S. Raval1, B. S. Zuckerbraun1, M. D. Neal1 University of Pittsburgh, Surgery, Pittsburgh, PA, USA 1University of North Carolina at Chapel Hill, Pathology and Laboratory Medicine, Chapel Hill, NC, USA
63.04. Incidence, Costs and Length of Stay for Heparin Induced Thrombocytopenia in Cardiac Surgery Patients. E. Aguayo1, K. L. Bailey1, Y. Seo1, A. Mantha2, V. Dobaria2, Y. Sanaiha2, P. Benharash1. 1University of California at Los Angeles, Department of Surgery, Division of Thoracic Surgery, Los Angeles, CA, USA 2University of California - Los Angeles, Los Angeles, CA, USA

63.05. Immune Cell Alterations after Cardiac Surgery Associated with Increased Risk of Complications and Mortality. D. J. Picone1, N. R. Sodha1, T. C. Geraci1, J. T. Machan1, F. W. Sellke1, W. G. Cioffi1, S. F. Monaghan1. 1Brown University School of Medicine, Surgery, Providence, RI, USA

63.06. A Nationwide Study of Treatment Modalities for Thoracic Aortic Injury. Y. Seo1, E. Aguayo1, K. Bailey1, Y. Sanaiha1, V. Dobaria1, P. Benharash1. 1David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA 2University of California - Los Angeles, Los Angeles, CA, USA

63.07. Outcomes and Readmissions after Orthotopic Heart Transplant vs Left Ventricular Assist Devices. E. Aguayo1, L. Mukdad1, A. Mantha1, A. Iyengar1, R. Hernandez1, P. Benharash1. 1David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA

63.08. In-hospital Outcomes and Resource Use for Robotic Mitral Valve Repair: Beyond the Learning Curve. Y. Seo1, Y. Sanaiha1, K. Bailey1, E. Aguayo1, A. Mantha1, V. Dobaria1, A. Chao1, T. Fan1, N. Satou1, P. Benharash1. 1University of California - Irvine, Orange, CA, USA 2David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA

63.09. Outcomes in VATS Lobectomies: Challenging Preconceived Notions. D. J. Gross1, P. L. Rosen1, V. Roudnitsky1, M. Muthusamy1, G. Sugiyama1, P. J. Chung1. 1Hasthra Northwell School of Medicine, Department of Surgery, Hempstead, NEW YORK, USA 2Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA 3Kings County Hospital Center, Department of Surgery, Division of Acute Care Surgery and Trauma, Brooklyn, NY, USA

63.10. Acid Suppression to Prevent Gastrointestinal Bleeding in Patients with Ventricular Assist Devices. A. W. Hickman1, N. W. Lonardo1, M. C. Moni1, A. P. Presson1, C. Zhang1, R. G. Barton1, S. H. McKellar1, C. H. Selzman1. 1University of Utah, Salt Lake City, UT, USA
64.08. Cost burden of overtreating low grade pancreatic cystic neoplasms. J. M. Sharib1, K. Wimmer2, A. L. Fonseca3, S. Hatcher1, L. Esserman1, A. Maitra2, Y. Shen1, E. Ozanne1, K. S. Kirkwood1 1University of California - San Francisco, Surgery, San Francisco, CA, USA 2University of Texas MD Anderson Cancer Center, Pathology, Houston, TX, USA 3University of Texas MD Anderson Cancer Center, Surgery, Houston, TX, USA

64.09. Role of the patient-provider relationship in Hepatopancreatitis diseases. E. J. Cerier1, Q. Chen1, E. Beal2, A. Paredes3, S. Sun4, G. Olsen5, J. Cloyd2, M. Dillhoff2, C. Schmidt1, T. Pawlik1 1Ohio State University, Department of Surgery, Columbus, OH, USA

64.10. Preoperative Frailty Assessment Predicts Short-Term Outcomes After Hepatopancreaticobiliary Surgery. P. Bou-Samra1, D. Van Der Windt1, P. Varley1, X. Chen1, A. Tsung1 1University of Pittsburgh, Hepatobiliary & Pancreatic Surgery, Pittsburgh, PA, USA

7:30 AM - 9:30 AM Integrated Oral Presentations Session II

65.01. Thrombolysis during Liver Procurement Prevents Ischemic Cholangiopathy in DCD Liver Transplantation. A. E. Cabrales1, R. S. Mangus1, J. A. Fridell1, C. A. Kubal2 1Indiana University School of Medicine, Department of Transplant Surgery, Indianapolis, IN, USA

65.05. Sarcopenia a Better Predictor of Survival than Serologic Markers in Elderly Liver Transplant Patients. W. J. Bush1, A. Cabrales1, H. Underwood1, R. S. Mangus1 1Indiana University School of Medicine, Indianapolis, IN, USA

65.06. Preoperative Thromboelastography Predicts Transfusion Requirements During Liver Transplantation. J. T. Graft1, V. K. Dhar1, C. Wakefield1, A. R. Coretz1, M. C. Cuffly1, M. D. Goodman1, S. A. Shahi1 1University of Cincinnati, Department of Surgery, Cincinnati, OH, USA

65.07. Evaluating Length of Stays with Electronic Medical Record Interoperability. M. Cheung1, P. Kuo1, A. Cobb1 1Loyola University Chicago Stritch School of Medicine, Maywood, IL, USA

65.08. Intraoperative Monitoring May Enhance Outcomes in Adult Patients With Tumors of the Gastrointestinal Tract. R. J. Sevick1, P. J. DeMarco1, D. L. Segev2 1Johns Hopkins School of Medicine, Baltimore, MD, USA 2Johns Hopkins Bloomberg School of Public Health, Epidemiology, Baltimore, MD, USA

65.09. Effects of Kidney Transplant on the Outcomes of Surgical Repair of Abdominal Aortic Aneurysm. H. Albershiri1, W. Qu1, M. Nazzal1, J. Ortiz1 1The University of Toledo Medical Center, Department of Surgery, Toledo, OH, USA

65.10. Hospital Length of Stay After Pediatric Liver Transplantation. K. Covarrubias1, X. Luo1, D. Mogul1, J. G. Hagen1, Q. Huang1, M. McDonald1, DeMarco2, D. L. Segev3 1Johns Hopkins School of Medicine, Baltimore, MD, USA 2Johns Hopkins Bloomberg School of Public Health, Epidemiology, Baltimore, MD, USA 3Johns Hopkins School of Medicine, Transplant Division/Department of Surgery, Baltimore, MD, USA

7:30 AM - 9:30 AM Integrated Oral Presentations Session II

66.01. Risk Factors for Adverse Outcomes in Children Undergoing Resection of Primary Liver Tumors. K. Culbreath1, A. Garcia1, I. Leedes1, T. Crawford1, E. Boss1, D. Rheé1 1Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA

66.02. Delivery of Care for Biliary Atresia in the 21st Century: An Analysis of Hospital Caseload in the US. T. Chkhikzadze1, C. J. Greig1, J. Shi1, R. A. Cowles1 1Yale University School of Medicine, Section of Pediatric Surgery, Department of Surgery, New Haven, CT, USA 2Ohio State University, the Research Institute at Nationwide Children’s Hospital, Columbus, OH, USA

66.03. Impact of Growth and Nutrition on Risk of Acquired Diseases of Prematurity and Perinatal Mortality. T. J. Sinclair1, C. Ye1, F. Salimi Jazi2, J. Taylor3, K. Bianco4, G. Shaw5, D. K. Stevenson6, R. Clark7, G. K. Sylvestre8 1Stanford University School of Medicine, Department of General Surgery, Stanford, CA, USA 2Stanford University School of Medicine, Division of Pediatric Surgery, Stanford, CA, USA 3Stanford University School of Medicine, Department of Pediatrics, Stanford, CA, USA 4Stanford University School of Medicine, Department of Obstetrics & Gynecology, Stanford, CA, USA 5Hangzhou Normal University, School of Medicine, Hangzhou, ZHEJIANG, China 6Pediatric-Obstetric Center for Research, Education and Quality, Sunrise, FL, USA

66.04. A High Ratio of Plasma:RBC Improves Survival in Massively Transfused Injured Children. M. E. Cunningham1, E. H. Rehentfeld1, B. Naik2, Mathuria1, R. T. Russell1, A. Vogel1 1Baylor College of Medicine, Department of Pediatric Surgery, Houston, TX, USA 2Children’s Hospital of Alabama, Department of Pediatric Surgery, Birmingham, AL, USA

66.05. Curettage and Cautery as an Alternative to Primary Closure for Pediatric Gastrocystic Fistulae. N. Denning1, I. A. El-shafy1, J. G. Hagen1, S. Stylianou1, J. M. Prince2, A. M. Lipschutz3, 4 1Cohen Children’s Medical Center, Northwell Health System, Department of Pediatric Surgery, New Hyde Park, NY, USA 2Maimonides Medical Center, Department of Surgery, Brooklyn, NY, USA 3Cohen Children’s Medical Center, Northwell Health System, Department of Anesthesiology, New Hyde Park, NY, USA 4 Hofstra University School of Medicine-Northwell Health System, Department of Surgery, Manhasset, NY, USA 5Morgan Stanley Children’s Hospital of New York-Presbyterian, Columbia University Medical Center, Division of Pediatric Surgery, New York, NY, USA

66.06. Impact of Insurance Status on Pediatric Mortality Following Non-accidental Trauma. K. A. Sonderman1, L. L. Wolf2, A. L. Beres3 1Brigham and Women’s Hospital, Boston, MA, USA 2University of Texas Southwestern Medical Center, Children’s Health Dallas, Dallas, TX, USA 3University of Miami, Miami, FL, USA

66.07. Prenatal Intervention Improves Initial Outcomes in Postnatal Management of Congenital Chylothorax. B. Carr1, L. Sampang1, J. Church1, R. Mon1, S. K. Gadepal1, M. Attar1, E. E. Perrone1 1University of Michigan, Ann Arbor, MI, USA

66.08. Quality of Life Outcomes in Hepatoblastoma: Conventional Resection versus Liver Transplantation. M. R. Threlkeld1, N. Apelt1, N. Kremer1, S. F. Politjes1, M. Troutt1, J. Geller1, K. Burns1, A. Pai1, R. Nagarajan1, A. J. Bondoc1, G. M. Tiao1 1Cincinnati Children’s Hospital Medical Center, Pediatric Surgery, Cincinnati, OH, USA
66.09. The Family Financial Burden of Outpatient Pediatric Surgical Care and Interest in Telemedicine. K. Harris1, E. C. Hamilton1, A. C. Fonseca1, S. Mahajan1, A. A. Eguia1, M. T. Harting1, K. Tsao1, M. T. Austin1, 1McGovern Medical School at the University of Texas Health Science Center at Houston, Department of Pediatric Surgery, Houston, Texas, USA

66.10. Does path to ileo-pouch anal anastomoses in the treatment of pediatric ulcerative colitis matter?. N. Bisman1, A. S. Patel1,2, D. Schindel1,2 1Children’s Medical Center, Pediatric Surgery, Dallas, TX, USA 2University of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA

7:30 AM - 9:30 AM

76.07 Integrated Oral Presentations Session II

MODERATORS: Courtney Balentine, MD & Scott R. Chaiet, MD, MBA

76.01. Non-Invasive Neurally Adjusted Ventilator Assist after Congenital Diaphragmatic Hernia Repair. R. Amin1, M. Arcas1 1Medical College of Wisconsin, Milwaukee, WI, USA

76.02. Use of the Alvarado Score for Elderly Patients with Complicated and Uncomplicated Appendicitis. A. Deiter1, A. Drozd1, P. Parikh1, R. Markert1, J. K. Shim1 1Wright State University, Dayton, OH, USA

76.03. Redefining Surgical Quality Metrics: Optimal Length of Surveillance for Complications After Surgery. M. A. Chaudhary1, W. Jiang2, S. Lipsitz2, Z. Hashmi1, T. Koehlimoos3, P. Learm2, A. J. Schonfeld4, A. H. Haider5, 1Brigham and Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA 2Uniformed University of Health Sciences, Bethesda, MD, USA

76.04. Impact of Preoperative and Postoperative Opioid Use on Surgical Readmissions. E. A. Dasinger1,2, L. A. Graham1,2, T. S. Wahl1,2, S. J. Baker2, M. T. Hawn1, T. Hernandez-Bousard1, K. Desai1, J. S. Richman1,2, K. M. Itani1, G. L. Telford1, S. J. Knight1,2, M. S. Morris1,2 1University of California at Los Angeles, Los Angeles, CA, USA 2VA Palo Alto Healthcare Systems, Palo Alto, CA, USA

76.05. Improved Peri-Operative Outcomes with Extended Lymph Node Dissection for Gastric Cancer in the U.S. C. Granruth1, P. Friedmann1, P. Muscarella1, J. C. McAuliffe2, H. In1, Montefiore Medical Center, Department of Surgery, Bronx, NY, USA

76.06. The costs of complications on post-acute care spending after major surgery. A. E. Kanters1, A. Cain-Nielsen1, S. Regenbogen1 1University of Michigan, General Surgery, Ann Arbor, MI, USA 2University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

76.07. Needleless analgesia of abdominal wall for laparoscopic surgery. J. Nagata1, Y. Sawatsubashi1, M. Akiyama1, Y. Akiyama1, K. Arase2, N. Minagawa1, T. Torioe1, Y. Nakayama1, K. Hirata2 1Wakamatsu Hospital of University of Occupational and Environmental Health, Japan, Surgery, Kitakyushu, FUKUOKA, Japan 2University of Occupational and Environmental Health, Japan, Kitakyushu, FUKUOKA, Japan

76.08. Patient Education Materials Among Surgical Subspecialties Lack Readability. C. A. Perkins1, A. Liwo1, C. A. Gamuko1, J. A. Cannon1, J. Grants1, G. Kennedy1, M. Morris1, J. Richman1, D. I. Chu1 1University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, School of Nursing, Birmingham, Alabama, USA

76.09. The effect of Insurance Type on Access to Inguinal Hernia Repair Under the Affordable Care Act. W. Hsiang1, S. Lee1, C. McGeoch1, W. Cheung1, R. Becher1, K. A. Davis1, K. Schuster1 1Yale University School of Medicine, General Surgery, Trauma and Surgical Critical Care, New Haven, CT, USA

76.10. A Comparison of Index and Red Operations in Crohn’s Patients Following Bowel Surgery.. B. Sherman1, A. Harzman1, A. Traugott1, S. Husain1 1Ohio State University, Division of Colon and Rectal Surgery, Columbus, OH, USA 2Ohio Health, Doctor’s Hospital, Columbus, OH, USA

6.06. The costs of complications on post-acute care spending after major surgery. A. E. Kanters1, A. Cain-Nielsen1, S. Regenbogen1 1University of Michigan, General Surgery, Ann Arbor, MI, USA 2University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

6.07. Needleless analgesia of abdominal wall for laparoscopic surgery. J. Nagata1, Y. Sawatsubashi1, M. Akiyama1, Y. Akiyama1, K. Arase2, N. Minagawa1, T. Torioe1, Y. Nakayama1, K. Hirata2 1Wakamatsu Hospital of University of Occupational and Environmental Health, Japan, Surgery, Kitakyushu, FUKUOKA, Japan 2University of Occupational and Environmental Health, Japan, Kitakyushu, FUKUOKA, Japan

6.08. Patient Education Materials Among Surgical Subspecialties Lack Readability. C. A. Perkins1, A. Liwo1, C. A. Gamuko1, J. A. Cannon1, J. Grants1, G. Kennedy1, M. Morris1, J. Richman1, D. I. Chu1 1University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, School of Nursing, Birmingham, Alabama, USA

6.09. The effect of Insurance Type on Access to Inguinal Hernia Repair Under the Affordable Care Act. W. Hsiang1, S. Lee1, C. McGeoch1, W. Cheung1, R. Becher1, K. A. Davis1, K. Schuster1 1Yale University School of Medicine, General Surgery, Trauma and Surgical Critical Care, New Haven, CT, USA

6.10. A Comparison of Index and Red Operations in Crohn’s Patients Following Bowel Surgery.. B. Sherman1, A. Harzman1, A. Traugott1, S. Husain1 1Ohio State University, Division of Colon and Rectal Surgery, Columbus, OH, USA 2Ohio Health, Doctor’s Hospital, Columbus, OH, USA
69.01. Lost in Translation: A Mixed Methods Pilot Study of Informed Consent in the Medical Mission Setting. L. A. Sceats¹, R. Narayan¹, A. Mezynski¹, R. K. Woo², A. M. Morris¹, G. P. Yang¹, Stanford University, Surgery, Palo Alto, CA, USA ¹University of Hawaii, Pediatric Surgery, Honolulu, HI, USA ²Stanford University, S-SPIRE Center, Palo Alto, CA, USA

69.02. the Overuse of Radioactive Iodine in Low-Risk Thyroid Cancer Patients. A. S. Moten¹, H. Zhao², A. I. Williams¹, Temple University Hospital, Department of Surgery, Philadelphia, PA, USA ¹Lewis Katz School of Medicine at Temple University, Department of Clinical Sciences, Section of Biostatistics, Philadelphia, PA, USA ²Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA

69.03. Fertility Preservation Discussions in Premenopausal Breast Cancer Patients. A. J. Bartholomew¹, M. L. Haslinger¹, M. C. Masciello¹, L. M. Bozutto², E. V. Tsiapali³, Georgetown University Medical Center, School of Medicine, Washington, DC, USA ¹Georgetown University Medical Center, Department of Surgery, Washington, DC, USA

69.04. Surgery on Sunday Louisville: Achieving the Quadruple Aim by providing free surgery for the uninsured. S. C. Walling¹, J. C. Heimroth², ², E. R. Sutton¹, ² ¹University of Louisville, Department of Surgery, Louisville, KY, USA ²University of Louisville, Inc, Louisville, KY, USA

69.05. Disparities in Esophageal Cancer: the Role of Insurance in Time To Surgery and Outcomes. J. D. Borgella¹, F. Espinoza-Mercado¹, T. Imai¹, R. Alban¹, H. Soukiasian¹ ¹ Cedars-Sinai Medical Center, Department of Thoracic Surgery, Los Angeles, California, USA

69.06. Race Does Not Affect Length of Stay in Colorectal ERAS Patients with Post-Operative Complications. P. K. Patel¹, I. Chu¹, L. Goss¹, J. G. Wiener¹, T. S. Wahl¹, K. D. Cofer¹, J. S. Richman¹, M. S. Morris¹, J. A. Cannon¹, G. D. Kennedy¹ ¹University of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA

69.07. Regional Variation in Laparoscopic and Open Inguinal Hernia Repair Across Michigan. J. V. Vu¹, V. Gunaseelan¹, E. Seese¹, M. J. Englesbe¹,², G. L. Kraopol²,³, D. A. Campbell¹,², D. Telem¹ ¹Michigan Surgical Quality Collaborative, Ann Arbor, MICHIGAN, USA ²University of Michigan, Department of Surgery, Ann Arbor, MI, USA

69.08. Firearm Violence in Miami: Through the Lens of a Trauma Care Provider. A. Sarver¹, K. Polcari¹, K. Brownlee¹, R. Rattan¹, T. Zakrison¹ ¹University of Miami, Miami, FL, USA

69.09. Timely Access to Care for Patients with Traumatic Brain Injuries. B. Tracy¹, M. E. Barnett¹, C. Spencer¹, A. Butcher¹, M. Brown¹, Z. Stombough¹, J. Dunne¹ ¹Memorial University Medical Center-Mercer University School of Medicine, Medicine, Savannah, GEORGIA, USA

69.10. Scholarly Activity in Academic Plastic Surgery: the Gender Difference. S. E. Sasor¹, J. A. Cook¹, S. P. Duquette¹, T. A. Evans¹, S. S. Tholpady¹, ², M. W. Chu¹, L. G. Koniaris¹ ¹Indiana University, Plastic Surgery, Indianapolis, IN, USA

7:30 AM - 9:30 AM Integrated Oral Presentations Session II

7:30 AM - 9:30 AM Integrated Oral Presentations Session II

7:30 AM - 9:30 AM Integrated Oral Presentations Session II

730 AM - 9:30 AM Integrated Oral Presentations Session II

710. Cost Analysis of the Mongolian ATLS Program: a Model for Low- and Middle-Income Countries. J. E. Kornfeld¹, M. Katz¹, J. R. Cardinal¹, B. Bat-Erdene¹, G. Jargalsaikhan¹, J. Nellermoe¹, L. A. Dunstall¹, M. Holland¹, A. Zoritgabatar¹, H. Poli¹, S. Orgo³, J. Nunez², R. Price² ¹Dartmouth Medical School, Lebanon, NH, USA ²University of Utah, Center for Global Surgery, Salt Lake City, UT, USA ³Mongolian National University of Medical Sciences, Department of Surgery, Ulaanbaatar, Mongolia ¹WHO Collaborating Center for Essential Emergency and Surgical Care, Ulaanbaatar, Mongolia ²University of Utah, Department of General Surgery, Salt Lake City, UT, USA ³University of Utah, Salt Lake City, UT, USA ³Westmead Hospital, Sydney, NSW, Australia ³McGill University, Montreal, QC, Canada

720. Laparoscopic vs. open cholecystectomy in Mongolia: comparison of clinical outcomes and costs. S. Lombardo¹, J. S. Rosenberg¹, S. E. Sasor¹, J. A. Cook¹, S. P. Duquette¹, T. A. Evans¹, S. S. Tholpady¹, ², M. W. Chu¹, L. G. Koniaris¹ ¹Indiana University, Plastic Surgery, Indianapolis, IN, USA

70.01. Disease-based Teams Improve Gastric Cancer Treatment Efficiency at a Large Safety Net Hospital. M. Ju¹, S. C. Wang¹, S. Syed¹, D. Agrawal¹, M. R. Porombka¹ ¹University of Texas Southwestern Medical Center, Surgery, Dallas, Texas, Texas, USA ¹University of Texas Southwestern Medical Center, Internal Medicine, Dallas, Texas, USA

70.02. Integrated Oral Presentations Session II

730 AM - 9:30 AM Integrated Oral Presentations Session II

710. Cost Analysis of the Mongolian ATLS Program: a Model for Low- and Middle-Income Countries. J. E. Kornfeld¹, M. Katz¹, J. R. Cardinal¹, B. Bat-Erdene¹, G. Jargalsaikhan¹, J. Nellermoe¹, L. A. Dunstall¹, M. Holland¹, A. Zoritgabatar¹, H. Poli¹, S. Orgo³, J. Nunez², R. Price² ¹Dartmouth Medical School, Lebanon, NH, USA ²University of Utah, Center for Global Surgery, Salt Lake City, UT, USA ³Mongolian National University of Medical Sciences, Department of Surgery, Ulaanbaatar, Mongolia ¹WHO Collaborating Center for Essential Emergency and Surgical Care, Ulaanbaatar, Mongolia ²University of Utah, Department of General Surgery, Salt Lake City, UT, USA ³University of Utah, Salt Lake City, UT, USA ³Westmead Hospital, Sydney, NSW, Australia ³McGill University, Montreal, QC, Canada

720. Laparoscopic vs. open cholecystectomy in Mongolia: comparison of clinical outcomes and costs. S. Lombardo¹, J. S. Rosenberg¹, S. E. Sasor¹, J. A. Cook¹, S. P. Duquette¹, T. A. Evans¹, S. S. Tholpady¹, ², M. W. Chu¹, L. G. Koniaris¹ ¹Indiana University, Plastic Surgery, Indianapolis, IN, USA

70.04. Enhanced Recovery Pathway for Colorectal Surgery Improves Outcomes in Private and Safety Net Settings. T. J. Roberts¹, J. L. Anandam¹,³, P. K. Brown¹, J. L. Rabaglia¹,²,³ ¹University of Texas Southwestern Medical Center, Dallas, Texas, USA ²VA North Texas Health Care System, Dallas, TX, USA ³Parkland Health & Hospital System, Dallas, TX, USA

70.05. Path to the OR: When are the Delays and How does it Impact Outcomes in Emergency Abdominal Surgery?. C. M. Dickinson¹, N. A. Coppersmith¹, H. Huber¹, A. Stephen¹, D. T. Harrington¹ ¹Brown University School of Medicine, Surgery, Providence, RI, USA

70.06. Neoadjuvant Radiation for Locally Advanced Colon Cancer: A Good Idea for a Bad Problem?. A. T. Hawkins¹, T. M. Geiger¹, M. Ford¹, R. L. Muldoon¹, B. Hopkins¹, L. A. Kachnic¹, S. Glasgow² ¹Vanderbilt University Medical Center, Nashville, TN, USA ²Washington University, Colon and Rectal Surgery, St. Louis, MO, USA

70.07. the Effect of Trainee Involvement on Patient Outcomes in General Surgery Cases over Time. T. Feeaney¹, J. Havens¹ ¹Brigham and Women’s Hospital, Trauma, Boston, MA, USA ²Harvard School of Public Health, Boston, MA, USA

Cincinnati Children’s Hospital Medical Center, General and Thoracic Surgery, Cincinnati, OH, USA

70.09. the Association Between Travel Distance, Institutional Volume, and Outcomes for Rectal Cancer Patients. M. Cerullo, M. Turner, A. A. Adam, Z. Sun, J. Migaly.

Duke University Medical Center, Department of Surgery, Durham, NC, USA


Carolinas Medical Center, General Surgery, Charlotte, NC, USA

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Indiana University School of Medicine, Indianapolis, IN, USA


Tokyo Medical and Dental University, Hepato-Biliary-Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan


Stanford University, School of Medicine, Palo Alto, CA, USA


Jikei University School of Medicine, Department of Surgery, Minato-ku, TOKYO, Japan


George Washington University School of Medicine and Health Sciences, Surgery, Washington, DC, USA

71.06. Initial Experience with Closed Incision Negative Pressure Wound Therapy in Kidney Transplant Patients. C. J. Lee, G. Sharma, A. Blanco, A. Bhargava, S. Patil, F. Weng, S. Geffner, H. Sun.

Saint Barnabas Medical Center, Department of Surgery, Livingston, NJ, USA


Johns Hopkins University, Baltimore, MD, USA

71.08. Kidney Paired Donation Programs Don't Become Concentrated with Highly Sensitized Candidates Over Time. C. Holscher, K. Jackson, A. Thomas, C. Purcell, M. Ronin, A. Massie, J. Garonzik-Wang, D. Segev.

Johns Hopkins University, Baltimore, MD, USA


Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA


Duke University Medical Center, Surgery, Durham, NC, USA

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Carolinas Medical Center, General Surgery, Charlotte, NC, USA
Integrating Medical and Biomedical Sciences, Buffalo, New York, USA

72.02. Unplanned Reoperation in Patients Undergoing Surgery for Rectal Cancer. L. V. Saadat1, A. C. Fields1, H. Lyu1, R. D. Urman, E. E. Whang1, J. Goldberg1, R. Bleday1, N. Melnitchouk1, B. Brigham and Women’s Hospital, Boston, MA, USA

72.03. Clinical Significance of BRAF Non-V600E Mutations in Colorectal Cancer. Y. Shimada1, Y. Tajima1, M. Nagahashi1, H. Ichikawa2, M. Nakano1, H. Kameyama1, J. Sakata1, T. Kobayashi1, Y. Taki1, S. Okuda1, K. Takabe1, T. Wakai1, Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Japan; Niigata Cancer Center Hospital, Department of Surgery, Niigata, Japan; Niigata University Graduate School of Medical and Dental Sciences, Division of Bioinformatics, Niigata, Japan; Roswell Park Cancer Institute, Buffalo, New York, USA.

72.04. Adrenal Incidentaloma Follow-up is Influenced by Patient, Radiological and Medical Provider Factors. D. I. Maher1, E. Williams1, S. Grodski1, J. W. Serpell1, J. C. Lee1, Alfred Hospital, Monash University Endocrine Surgery Unit, Melbourne VIC, Australia; Monash University, Department of Surgery, Melbourne, VIC, Australia.
74.09. Resident Involvement and Outcomes after Surgery: A Double Edge Sword. M. Zeeshan1, M. Hamidi1, A. Tariq1, E. Zakaria1, N. Kulvatunyou1, A. Jain1, L. Gries1, T. O’Keeffe1, B. Joseph1 1University of Arizona, Tucson, AZ, USA

74.10. Management of Acute Cholecystitis with Significant Risk of Common Bile Duct Stone: The ‘SaFE’ Approach. K. O. Memeh1, S. Jhajj1, K. Tran1, R. A. Berger1,2, T. S. Riall1, A. Aldridge1,2 1University of Arizona, Surgery, Tucson, AZ, USA 2Flagstaff Medical Center, Surgery, Flagstaff, AZ, USA

74.01. Surgical Trainee Attitudes Towards Safety Event Reporting. D. Vicente1, A. Loehrer1, S. Fisher1, J. Skibber1, E. Grubbs1, T. Aloia1 1University of Texas MD Anderson Cancer Center, Houston, TX, USA

74.02. Type of Surgical Rotation Does Not Affect Students’ Technical and Academic Development. P. Kandagata1, R. Rinaldi1, Z. Al Adas1, E. Field1, C. Steffes1, H. Abdallah1, L. Kabban1 1Henry Ford Health System, Detroit, MI, USA

74.03. “Competencies and Areas for Improvement in Surgical Clerkship Instructors: A Qualitative Study”. D. M. Carmona Matos1, M. K. Mandabach1, A. W. Chang1, B. R. Herring1, V. Strickland1, H. Chen1, B. L. Corey1 1University of Alabama at Birmingham, Surgery Department, Birmingham, Alabama, USA

74.04. Caveat Emptor – Educating Surgeons About the Perilous Landscape of Solicitant Publishing. V. Nguyen1, R. A. Marmor2,3, S. L. Ramamoorthy1,2, T. W. Costantini1,4, J. M. Baumgartner1,5, J. Berumen1,6, G. R. Jacobsen1,7, J. K. Sicklick1 1University of California - San Diego, School of Medicine, San Diego, CA, USA 2University of California - San Diego, Department of Surgery, San Diego, CA, USA 3University of California - San Diego, Division of Colorectal Surgery, Department of Surgery, San Diego, CA, USA 4University of California - San Diego, Division of Trauma, Surgical Critical Care, Burns and Acute Care Surgery, Department of Surgery, San Diego, CA, USA 5University of California - San Diego, Division of Surgical Oncology, Department of Surgery, San Diego, CA, USA 6University of California - San Diego, Division of Hepatobiliary Surgery and Abdominal Transplantation, Department of Surgery, San Diego, CA, USA 7University of California - San Diego, Division of Minimally Invasive Surgery, Department of Surgery, San Diego, CA, USA

74.05. Impact of Medical School Experience on Attrition from General Surgery Residency. J. S. Abelson1, H. L. Yeo2,4, M. Symer1, N. Wong1, F. Michelassi1, R. Bell1, J. A. Sosat1 1Weill Cornell Medical College, Surgery, New York, NY, USA 2Duke University Medical Center, Surgery, Durham, NC, USA 3American Board of Surgery, Inc,Philadelphia, PA, USA 4Weill Cornell Medical College, Healthcare Policy and Research, New York, NY, USA 5Temple University, Lewis Katz School of Medicine, Philadelphia, PA, USA

74.06. Faculty responsiveness to students’ requests for feedback affects teaching evaluations. K. Heckman1, R. Kim1, A. Lee1, E. Chang1, N. Matusko1, R. Reddy2, D. Hughes2, G. Sandhu2,4 1University of Michigan, University of Michigan Medical School, Ann Arbor, MI, USA 2University of Michigan, Ann Arbor, MI, USA 3University of Michigan, Department of Surgery, Ann Arbor, MI, USA 4University of Michigan, Department of Learning Health Sciences, Ann Arbor, MI, USA

74.07. Geographic Variation in Scholarly Productivity among US Academic Surgeons. E. F. Garner1, N. P. Vatsangkar1, L. G. Koniaris1, K. I. Bland1, H. Chen1 1University of Alabama at Birmingham, Birmingham, Alabama, USA 2Indiana University School of Medicine, Indianapolis, IN, USA

74.08. Post-Operative Surgical Trainee Opioid Prescribing Practices: A National Survey. P. Underwood1, J. Mira1, M. Hoffman2, D. Hall1, H. Keshava1, K. Olsen1, J. Hardaway1, K. Hawley1, A. Antony1, T. Vasiliopoulos1, N. Mouawad1 1University of Florida, Department of Surgery, Gainesville, FL, USA 2University of North Carolina, Department of Surgery, Chapel Hill, NC, USA 3Cleveland Clinic, Department of General Surgery, Cleveland, OH, USA 4University of Florida, Department of Anesthesiology, Gainesville, FL, USA 5Michigan State University, Department of Surgery, Lansing, MI, USA 6MedStar Union Memorial Hospital, Department of Surgery, Baltimore, MD, USA 7Mclaren Bay Region, Department of Surgery, Bay City, MI, USA

74.09. Illustrated Operative Reports are Superior to Conventional Dictations in Communicating Postop Anatomy. V. Vacharathit1, V. Vacharathit1, C. Tu2, G. Morris-Stiff1 1Cleveland Clinic, General Surgery, Cleveland, OH, USA 2Johns Hopkins, Molecular Microbiology and Immunology, Baltimore, MD, USA 3Cleveland Clinic, Biostatistics, Cleveland, OH, USA

74.10. Utilizing Handoff Checklists Enhances Nurse-Physician Communication and May Prevent On-Call Fatigue. C. J. Hendrix1, A. E. Graham1, J. J. Lu1, S. W. Chen1, T. E. Ju1, L. Rivas1, I. N. Haskins1, K. Vaziri1 1George Washington University School of Medicine and Health Sciences, Department of Surgery, Washington, DC, USA
75.01. Utilizing Nurse-focused Simulation Sessions to Decrease Patient Refusal of VTE Chemoprophylaxis. L. J. Kreutzer, A. D. Yang, D. B. Hewitt, K. Y. Bilimoria, J. K. Johnson. Feinberg School of Medicine - Northwestern University, Center for Healthcare Studies In the Institute for Public Health and Medicine, Chicago, IL, USA 1Feinberg School of Medicine – Northwestern University, Surgery, Chicago, IL, USA 2Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA 3Thomas Jefferson University, Surgery, Philadelphia, PA, USA

75.02. Eye-tracking in Educational Assessment: An Automated Procedure to Define Dynamic Areas of Interest. J. C. McCarty, M. A. Chaudhary, J. E. Caterson, S. A. Goldberg, M. L. McDonald, C. Goolsby, A. Haider, E. Goralnick. Uniformed Services University of the Health Sciences, Bethesda, MD, USA 1Brigham and Women’s Hospital, Division of Plastic Surgery, Department of Surgery, Harvard Medical School, Boston, MA, USA 2Brigham and Women’s Hospital, Center for Surgery and Public Health, Department of Surgery, Harvard Medical School, Boston, MA, USA 3Brigham and Women’s Hospital, Department of Emergency Medicine, Harvard Medical School, Boston, MA, USA

75.03. Can They Stop the Bleed? Evaluation of Tourniquet Application by Laypersons with Reported Training. J. C. McCarty, M. A. Chaudhary, J. E. Caterson, S. A. Goldberg, M. L. McDonald, C. Goolsby, A. Haider, E. Goralnick. Uniformed Services University of the Health Sciences, Bethesda, MD, USA 1Brigham and Women’s Hospital, Division of Plastic Surgery, Department of Surgery, Harvard Medical School, Boston, MA, USA 2Brigham and Women’s Hospital, Center for Surgery and Public Health, Department of Surgery, Harvard Medical School, Boston, MA, USA 3Kamuuzu Central Hospital, Surgery, Lilongwe, Malawi

75.04. the Malawi Trauma Score: A Model for Predicting Trauma-Associated Mortality in a Resource-Poor Setting. J. R. Gallaher, M. Jefferson, C. Varela, B. Cairns, A. Charles. University of North Carolina at Chapel Hill, Surgery, Chapel Hill, NC, USA


75.06. Mobile Information Display System in Transfer of Care Scenarios. S. Ganapathy, K. A. Berberich, A. N. Kreiner, M. McCarthy. Wright State University, Department of Industrial and Human Factors Engineering; Department of Trauma Care and Surgery, Dayton, OH, USA 1Air Force Research Lab, Human Performance Wing, Dayton, OH, USA

75.07. Utilizing Technology for Global Surgery: A Survey of the West African College of Surgeons. A. Ashok, C. Stephens, E. Ameh, M. Swaroop, E. Yang, S. Krishnaswami. Northwestern University, Feinberg School of Medicine, Chicago, IL, USA 1Oregon Health and Science University, Pediatric Surgery, Portland, OR, USA 2National Hospital, Abuja, FEDERAL CAPITAL TERRITORY, Nigeria

75.08. Can a Haptic Robotic Train New Interns to Place Central Venous Lines?. C. C. Sonntag, M. A. Yovanoff, D. F. Pepley, R. S. Prabhu, S. R. Miller, J. Z. Moore, D. C. Han. Penn State Hershey Medical Center, Department of Surgery, Hershey, PA, USA 1Penn State University, Department of Mechanical and Nuclear Engineering, University Park, PA, USA 2Penn State University, Department of Industrial Engineering, University Park, PA, USA 3Penn State University, Department of Engineering Design and Industrial Engineering, University Park, PA, USA

75.09. How Far Have We Come? A Survey of U.S. Institutions From the SUS Committee on Academic Global Surgery. M. Boulos, C. Q. Stephens, E. Ramly, B. Nwomeh, S. Orloff, S. Krishnaswami1 1Oregon Health and Sciences University, Department of Surgery, Portland, OR, USA 2Oregon Health and Sciences University, Division of Pediatric Surgery, Portland, OR, USA 3Ohio State University, Department of Pediatric Surgery, Columbus, OH, USA 4Oregon Health and Sciences University, Division of Abdominal Organ Transplant Surgery, Portland, OR, USA

75.10. Building TEAMS: Improving Trauma Management in Western Kenya. H. W. Li, C. Donnelly, M. Boeck, E. J. Rutto, C. Keung. Indiana University School of Medicine, Indianapolis, IN, USA 1New York Presbyterian Hospital, New York, NY, USA 2Columbia University College of Physicians And Surgeons, New York, NY, USA

9:30 AM - 10:00 AM Morning Break in Exhibit Area

9:30 AM - 10:30 AM AAS and SUS Research Awards

9:30 AM - 10:30 AM Education Plenary

MODERATORS: Jacob A. Greenberg, MD, EdM & Benedict C. Nwomeh, MD

77.01. Gender and Self-concept in the General Surgery Trainee: Experiences that Shape Professional Identity. S. P. Myers, K. J. Nicholson, K. Hill, E. B. Littleton, G. Hamad, M. Rosengart. University of Pittsburgh Medical Center, General Surgery, Pittsburgh, PA, USA 1University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA

77.02. Are Residents Really Burned Out? A Comprehensive Study of Surgical Resident Burnout and Well-Being. B. Hewitt, J. W. Chung, A. R. Dahlke, A. D. Yang, K. E. Engelhardt, E. Blay, J. T. Moskowitz, E. O. Cheung, F. R. Lewis, K. Y. Bilimoria. Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA 1Northwestern University, Quillen Center for Integrative Medicine, Chicago, ILLINOIS, USA 2American Board of Surgery, Philadelphia, PENNSYLVANIA, USA

77.03. Gendered Differences in Letters of Recommendation for Transplant Surgery Fellowship Applicants. A. L. Hoffman, W. J. Grant, M. F. McCormick, E. E. Jelewski, A. N. Langnas. University of Nebraska Medical Center, Surgery, Omaha, NE, USA

10:30 AM - 12:00 PM  Clinical/Outcomes Plenary

MODERATORS: Rachel R. Kelz, MD, MSCE & Rebecca S. Sippel, MD

76.01. the Affordable Care Act’s Medicaid Expansion and Utilization of Discretionary Inpatient Surgery. A. B. Crocker, A. Zeymo, D. Xiao, L. B. Johnson, T. DeLeire, N. Sharaf, W. B. Al-Refaie


76.05. Should Sentinel Lymph Node Biopsy Be Recommended to All Intermediate Thickness Melanoma Patients?. A. Hanna, J. S. Sinnamon, R. Rosenthal, R. Kelz, D. Elder, X. Xu, B. Pockaj, D. Fraker, G. Karakousis


This session, designed for residents, fellows, young faculty, and departmental leadership, will help aspiring surgeons maximize their ability to survive and thrive in the increasingly challenging environment of academic surgery. The session focuses on several critical times during an academic surgeon’s career: finding the right job, negotiating for what you need, and starting off on the right foot.

LEARNING OBJECTIVES

- Introduction – Allan M. Goldstein, MD
- Current Challenges Facing Surgeon-Scientists – Sundeep G. Keswani, MD, FAAP
- What to Look for in a Faculty Position: A Young Surgeon’s Perspective – Allison Speer, MD
- What to Look for in a Faculty Position: A Senior Surgeon’s Perspective – David J. Hackam, MD
- How to Negotiate for What You Need to Succeed – J. Josh Smith, MD, PhD & Melina R. Kibbe, FAHA
- Getting Off on the Right Foot: a Roadmap for Success – Lawrence A. Shirley, MD

Question and Answers - All Speakers
HOT TOPIC LUNCH SESSION 2:  
“Integrated Residencies and Early Specialization Programs: A Threat to General Surgery Training or Innovative Approaches to Surgical Education?”

SESSION CHAIRS & MODERTORS: Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM
SPEAKERS: Mary E. Klingensmith, MD, John E. Rectenwald, MD, Jennifer N. Choi, MD, Malachi Sheahan, MD, Thomas K. Varghese Jr., MD, MS, & Douglas S. Smink, MD, MPH

At this Hot Topic Session, surgical education leaders in Vascular and Cardiothoracic Surgery will debate with General Surgery leaders on key issues related to restructuring graduate surgical training, the merits of the integrated and early specialization programs, and the impact of these paradigms on general surgery training. Following the debates, attendees will have the opportunity to participate in a panel question and answer session.

- Introduction – Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM
- Changing paradigms in graduate surgical education, past, present and future: update from the ABS – Mary E. Klingensmith, MD
- Sweeping changes to long-standing training models: Why and How VS and CTS implemented Integrated and ESP programs – John E. Rectenwald, MD
- The Lived Experience: How Should Interactions between General Surgery and Vascular and Cardiothoracic Surgery Training Programs be Managed?: General Surgery Perspective – Jennifer N. Choi, MD
- The Lived Experience: How Should Interactions between General Surgery and Vascular and Cardiothoracic Surgery Training Programs be Managed?: VS/CTS Perspective – Malachi Sheahan, MD
- Question and Answers – Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM
- The Future of Graduate Surgical Education: What is the Optimal Training Paradigm?: VS/CTS Perspective – Thomas K. Varghese, Jr., MD, MS
- The Future of Graduate Surgical Education: What is the Optimal Training Paradigm?: General Surgery Perspective – Douglas S. Smink, MD, MPH
- Question and Answers – Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Discuss the history of efforts to re-structure graduate surgical training, barriers that have impacted the implementation of proposed changes in the past, and current and future trends.
- Understand why and how Vascular Surgery and Cardiothoracic Surgery created integrated and ESP training programs, including unique features of these specialties that may have impacted their ability to make these changes.
- Explain the impact of the VS and CTS Integrated and ESP programs on GS residency programs and trainees, both positive and negative, including strategies to manage negative impacts.
- Discuss how these training models could inform the future of GS training.
HOT TOPIC LUNCH SESSION 3: 
“Making Research Feasible for Busy Surgeons Through Infrastructure Support: Pros, Cons, and Lessons Learned the Hard Way”

MODERATORS: Scott A. LeMaire, MD & Barbara W. Trautner, MD, PhD
SPEAKERS: Timothy R. Billiar, MD, Mary Hawn, MD, Melina R. Kibbe, MD, FAHA, & Barbara W. Trautner, MD, PhD

This session is designed for anyone interested in increasing surgical participation in research, including their own participation. Leaders of four academic surgical programs will present examples of how they provided departmental-wide support for surgical research, followed by a panel discussion.

- Introduction – Barbara W. Trautner, MD, PhD
- Creating a Culture that Supports and Values Research – Melina R. Kibbe, MD, FAHA
- Creating an Educational and Training Resource of Housestaff and Young Faculty – Timothy R. Billiar, MD
- Establishing a Surgical Health Services Research Center – Mary Hawn, MD
- Building Infrastructure for Research Support – Barbara W. Trautner, MD, PhD
- Panel Discussion – All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Engage in strategic thinking about what resources are needed to support surgical research.
- Appreciate the diversity of approaches that can meet surgeons’ research support needs.
- Understand some of the challenges to building research infrastructure in a surgical department.
- Know how to conduct a planning meeting in which departmental research support staff assist faculty members in launching an industry-sponsored clinical trial.

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

78. BASIC SCIENCE: TRAUMA/Critical Care, Cross-Disciplinary Quickshot Session

78.01. The Effect of Aspirin on Platelet Contraction. M. J. George¹, K. R. Aroom², M. A. Skibber³, T. Sharma³, C. S. Cox⁴, C. E. Wade⁴, B. S. Gill⁴ ¹ University of Texas Health Science Center at Houston, Center for Translational Injury Research, Houston, TEXAS, USA

78.02. Bladder Infection Reduces Uroepithelial Acid Ceramidase: A Novel Etiology for Recurrent UTIs. R. M. Boudreau¹, J. E. Baker¹, A. E. Mahdy¹, M. J. Edwards¹, E. Gubins¹,², A. P. Seitz¹ ¹ University of Cincinnati, Department of Surgery, Cincinnati, OH, USA ²University of Duisburg-Essen, Department of Molecular Biology, Essen, NORTH RHINE-WESTPHALIA, Germany

78.04. A Combat-Related Model of Noncompressible Torso Hemorrhage with Hilm Clamping. A. Batchinsky¹,², V. Karaliou³, J. Choi¹,², B. Beely³, T. Roberts³, G. Harea³, J. Cannon³, L. Cancio³, S. Nessën³, V. Sams³, P. Mason³, J. Lantry³, A. Batchinsky¹,² ¹The Geneva Foundation, Tacoma, WA, USA ²University of the Incarnate Word, School of Osteopathic Medicine, Department of Translational Medicine, San Antonio, TX, USA ³University of Pennsylvania, Penn Presbyterian, Philadelphia, PA, USA

78.05. Recurrent Traumatic Brain Injury Does Not Degenerate Spinal Motor Neurons in ALS or Wild Type Rodents. N. K. Dhillon¹, G. Barmparas¹, N. Cho¹, M. Akkasli¹, M. Marcelino¹, P. S. Haro¹, E. J. Ley¹, G. M. Thomsen¹ ¹ Cedars-Sinai Medical Center, Los Angeles, CA, USA

78.06. Glyocalyx Injury Correlates with Coagulopathy and Transfusion Requirements in Pediatric Trauma. R. Ulrich¹, P. Hu¹, J. Pittet¹, M. Shroyer¹, P. Boscarge¹, J. Kerby¹, J. Richter¹, R. Russell¹ ¹University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Anesthesia, Birmingham, Alabama, USA

78.07. The Effects of Norepinephrine and Hypoxia on Bone Marrow Stromal Cytokine Expression. E. Miller¹, T. Loftus¹, K. Kannan¹, I. Alamo¹, J. Plazas¹, J. Mira¹, S. Brakenridge¹, P. Efron¹, A. Mohr¹ ¹ University of Florida, Department of Surgery, Gainesville, FLORIDA, USA

78.10. Determination of Coagulation Kinetics Using a Novel Linear Thromboelastometry Device. C. K. Rozean¹, M. J. George¹, K. R. Aroom¹, M. A. Skibber¹, T. Sharma¹, C. E. Wade¹, C. S. Cox¹, B. S. Gill¹ ¹ University of Texas Health Science Center at Houston, Houston, TX, USA

78.11. Microparticles Generated Following Traumatic Brain Injury Induce Observed Platelet Dysfunction. G. E. Martin¹, A. M. Pugh¹, R. Moran¹, R. Veile¹, L. Friend¹, A. T. Makley¹, C. C. Caldwell¹, M. D. Goodman¹ ¹ University of Cincinnati, Surgery, Cincinnati, OH, USA

78.12. Crystalloid and Blood Resuscitation Improves Murine Survival in Combined Hemorrhage and Burn Injury. A. D. Jung¹, L. Friend¹, S. Stevens-Topie¹, R. Schuster¹, C. C. Caldwell¹, T. A. Pritts¹ ¹ University of Cincinnati, Department of Surgery, Cincinnati, OH, USA
78.13. Evaluating Endothelial Dysfunction in Burn Patients with Syndecan-1 as Marker of Glycolytic Shredding. R. L. Ball1,5, M. C. Bravo1, K. Brummel-Ziedins2, T. Orfeo2, L. Moffatt3, J. W. Shupps2,3 1Washington Hospital Center, Washington, DC, USA 2University of Vermont College of Medicine / Fletcher Allen Health Care, Burlington, VT, USA 3Firefighters’ Burn and Surgical Research Laboratory, Washington, DC, USA


78.15. Acute Lung Injury In Sepsis Patients Is Associated With Increased Available Circulating Heme. T. Cyn1, P. Waltz1, S. Shiva1, S. Ofori-Acquah1, B. Zuckerbraun1 1University of Pittsburgh, Surgery, Pittsburgh, PA, USA

78.16. Changes in the Microparticle Milieu Following Traumatic Brain Injury with Concomitant Spleenectomy. R. Moran1, G. E. Martin1, A. M. Pugh1, R. Veile1, L. Friend1, A. T. Makley1, C. C. Caldwell1, M. D. Goodman1 1University of Cincinnati, Surgery, Cincinnati, OH, USA

78.17. Tranexamic Acid and Plasma Have a Synergistic Effect on Ameliorating the Endotheliopathy of Trauma. J. V. Martin1, D. M. Liberati1, L. N. Diebel1 1Wayne State University, Michael and Marian Ilitch Department of General Surgery, Detroit, MI, USA

78.18. Experimental Diffuse Traumatic Brain Injury Increases Glucocorticoid-Receptors in the Amygdala. S. Ogle1,2,3, C. Hair1,3, B. Tallent1,2, P. D. Adelson1,3, J. Lifshitz1,3, T. C. Thomas1,3, S. B. Johnson2 1University of Arizona College of Medicine, Child Health, Phoenix, AZ, USA 2Banner University Medical Center, Surgery, Phoenix, AZ, USA 3Barrow Neurological Institute at Phoenix Children’s Hospital, Translational Neurotrauma Research Program, Phoenix, AZ, USA

78.19. Novel Rexinoids Decrease Cancer Stemness in Neuroblastoma Patient Derived Xenografts. A. P. Williams1, L. L. Stafman1, J. Aye1, V. R. Altigadda1, J. E. Stewart1, C. Grubbs1, D. Muccio1, K. J. Yoon1, K. Whelan1, E. A. Beierle1 1University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA 3University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA 4University of Alabama at Birmingham, Dermatology, Birmingham, Alabama, USA 5University of Alabama at Birmingham, Pharmacology and Toxicology, Birmingham, Alabama, USA 6University of Alabama at Birmingham, Pediatrics, Birmingham, Alabama, USA

78.20. Microglia Activation In Spinal Cord Exposed To Amniont Fluid In RA-induced Spina Bifida Rats. M. Oria1, R. L. Figueira1, F. Scorrletti1, L. Sbria1, F. Y. Lim1, J. L. Peiro1 1Cincinnati Children’s Hospital Medical Center, Center for Fetal, Cellular and Molecular Therapy, Cincinnati, OH, USA

1:30 PM - 3:30 PM Integrated Quick Shot Presentations Session III

79. BASIC SCIENCE: BREAST AND ENDOCRINE QUICKSHOT SESSION

79.01. Whole-Exome Sequencing Identifies Distinct Mutation Profiles in Adrenocortical Carcinoma Cell Lines. N. G. Nicolson1, R. Korai1, T. Carling1 1Yale University School of Medicine, Yale Endocrine Neoplasia Laboratory, Department of Surgery, New Haven, CT, USA

79.02. Novel marine compound demonstrates anticancer properties in thyroid cancer cells. B. A. Hijaz1, S. Jang1, D. Carmona-Matos1, A. Chang1, Z. Aburjania1, R. Jaskula-Sztul1, H. Chen1 1University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA

79.03. Antiproliferative effects of marine natural compounds on neuroendocrine tumor cells. Z. Aburjania1, S. Jang1, A. W. Chang1, J. Ou1, A. Subedi1, S. Velu1, H. Chen1, R. Jaskula-Sztul1 1University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA 2University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA 3University of Alabama at Birmingham, Biomedical Engineering,Birmingham, Alabama, USA

79.04. Breast Cancer Cell Metabolism is Regulated by Sphingosine Kinases. M. Nagahashi1, M. Nakajima1, M. Abe1, T. Saito1, M. Komatsu1, T. Soga1, J. Tsuchida1, K. Yuka1, K. Takabe1,2, K. Sakimura1, T. Waka1 1Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan 2Brain Research Institute, Niigata University, Department of Cellular Neurobiology, Niigata City, NIIGATA, Japan 3University of Alabama at Birmingham, Cancer, Birmingham, Alabama, USA 4University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA

79.05. Breast Tumors that Express CCL5 and CXCL10 Attract CD8+ T Cells and are Associated with Improved Survival. E. Kasat1, L. Yan1, P. Kalinski1, K. Takabe1 1Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA 2Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA 3Roswell Park Cancer Institute, Department of Medicine, Buffalo, NY, USA

79.06. Metabolic Inhibition of Anaplasic Thyroid Cancer with 3-BP Depends on Hexokinase II Expression. M. A. Nehs1, S. Aggarwal1, B. Pollard1, A. Aggarwal1 1Brigham and Women’s Hospital, Department of Surgery, Boston, MA, USA

79.07. Triple-negative Breast Cancer that expresses high level of Annexin A1 have worse prognosis. M. Okano1, E. Katsula1, K. Takabe1 1Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

79.08. Ceramides Are Elevated with Activation of Ceramide Biosynthesis Pathways in Human Breast Cancer. K. Moro1, T. Kawaguchi1, J. Tsuchida1, E. Gabrieli1, Q. Yan1, N. Sato1, T. Waka1, K. Takabe1,2, M. Nagahashi1 1Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan 2Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NEW YORK, USA 3Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NEW YORK, USA 4Niigata Cancer Center Hospital, Surgery, Niigata, NIIGATA, Japan 5University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Surgery, Buffalo, NEW YORK, USA

79.09. Intrinslic heterogeneity of triple-negative breast cancer cells triggers vascular mimicry in 3D culture. A. MAIT1, A. MAIT1 1Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

79.10. Higher CD73 Expression is Associated with Poor Prognosis in Breast Cancer. E. Katsula1, L. Yan1, K. Takabe1 1Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA 2Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA

79.11. Identification of Unique Immune Cell Subsets During the Progression of Capsular Fibrosis. B. Kuehlmann1, M. Rodrigues1, G. C. Gurtner1 1Stanford University, Department of Surgery, Palo Alto, CA, USA

79.12. Higher CD73 Expression is Associated with Poor Prognosis in Breast Cancer. E. Katsula1, L. Yan1, K. Takabe1 1Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA
79.12. Sphingosine-1-phosphate Affects Tumor-associated Immune Cells in Human Breast Cancer Patients. J. Tsuchida1, M. Nagahashi1, K. Moro1, A. Otani1, M. Endo1, M. Ikarashi1, M. Nakajima1, Y. Koyama1, J. Sakata1, T. Kobayashi1, H. Kameyama1, Q. Qi2, L. Yan1, K. Takabe1, W. Wakai1 *Nagita University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan 1Roswell Park Cancer Institute, Breast Surgery, Buffalo, NEW YORK, USA 2Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NEW YORK, USA *University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NEW YORK, USA

79.13. High Amplification of MYC are Associated with Poor Survival in non-Triple Negative Breast Cancer. K. Takabe1, E. Katsuta1, L. Yan2, M. Nagahashi2 1Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA 2Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA *Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Japan

79.14. Neurotransmitters Attenuate Glucagon Release in Cultured Pancreatic Islets. A. M. Kressel1, S. Chavan1,2, K. J. Tracey1,2 *Northwell Health, Center for Biomedical Science, Manhasset, NY, USA 1Northwell Health, Center for Bioelectronic Medicine, Manhasset, NY, USA

79.15. Methods to improve establishment of breast cancer patient-derived xenografts. M. Okano1, T. Kawaguchi1, I. Okano1, E. Katsuta1, K. Takabe1 1Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

79.16. Elevated Expression of High Mobility Group Protein B1 is Associated with Breast Cancer Survival. K. McDonald1, E. Katsuta1, L. Yan1, Q. Qi2, X. Peng2, K. Takabe1 1Roswell Park Cancer Institute, Department of Surgery, Buffalo, NY, USA 2State University of New York Upstate Medical University, Syracuse, NY, USA
81.01. Identifying Factors that Decrease Utilization of Adjunct Chemotherapy in Stage III Colon Cancer. P. M. Schroder1, M. C. Turner2, B. Ezekian1, Z. Sun1, M. A. Adam1, C. P. Mantyh1, J. Migaly1 1Duke University Medical Center, Department of Surgery, Durham, NC, USA

81.02. the Association Between Sarcopenia and Myosteatosis and Post-operative Outcomes in patients with IBD. O. J. O’Brien1, E. J. Andrews2 1University of Louisville, Surgery, Louisville, KY, USA 2University College Cork, Surgery, Cork, CORK, Ireland

81.03. Incidence and Risk Factors of C. difficile Infection in Patients with Ileal Pouch-Anal Anastomosis. P. D. Strassel1, J. Samples1, E. S. Sickbert-Bennett2, D. J. Weber3, T. S. Sadiq1, N. Chaumont1 1University of North Carolina at Chapel Hill, School of Medicine, Department of Surgery, Chapel Hill, NC, USA 2University of Minnesota, Surgery, Minneapolis, MN, USA 3University of North Carolina at Chapel Hill, School of Public Health, Chapel Hill, NC, USA

81.04. Treatment & Prognosis of Rectal Squamous Cell Carcinoma: Analysis of the National Cancer Database. K. E. Koch1, P. Goffredo1, A. Beck1, P. Kalakoti1, I. Hassan1 1University of Iowa, Surgery, Iowa City, IA, USA

81.05. Risk factors for 30-day readmission after colorectal surgery: does transfer status matter?. S. T. Lumpkin1, P. Strassel2, N. Chaumont1 1University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA 2University of North Carolina at Chapel Hill, Department of Epidemiology, Chapel Hill, NC, USA

81.06. Emergency Room Admits and Complicating Factors are Linked to Poor Outcomes in Colorectal Surgery. M. Kanneganti1, P. Friedmann1, R. Levine1, H. In1 1Albert Einstein College of Medicine, Surgical Oncology, Bronx, NY, USA

81.07. Revolving Door: the Impact of Length of Stay on Readmissions After Colon and Rectal Operations.. D. Peterson1, F. Gurnaman1, L. Yur, W. Ciocciroi1, A. Harzman1, A. Traugott1, M. Arnold2, S. Husain3 1Ohio State University, Colon and Rectal Surgery, Columbus, OH, USA 2Penn State Hershey Medical Center, Surgery, York, PA, USA 3Ohio State University, Biostatistics, Columbus, OH, USA

81.08. Laparoscopic Surgery for Rectal Prolapse: Short-Term Outcomes Should Not Dictate the Approach. P. L. Rosen1, D. J. Gross1, H. Talus1, V. Roudnitsky1, M. Muthusamy2, G. Sugiyama1, P. J. Chung1 1State University of New York Downstate Medical Center, Department of Surgery, Brooklyn, NY, USA 2Kings County Hospital Center, Division of Trauma and Acute Care Surgery, Brooklyn, NY, USA 3Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA

81.09. Proximal Intestinal Diversion for Colorectal Anastomoses: What Are We Preventing?. A. Sunkerneni1, R. J. Kuceko1, D. E. Stein1, J. L. Poggio1 1Drexel University College of Medicine, Surgery, Philadelphia, PA, USA

81.10. Racial Disparities in Opioid Utilization in Patients Undergoing Colorectal Surgery: Does It Exist?. P. K. Patel1, R. K. Burton1, K. E. Hudaik2, L. E. Goss3, E. A. Dasinger1, M. Morris1, J. Richman1, G. Kennedy1, J. A. Cannon1, D. I. Chu1 1University of Alabama at Birmingham, Gastrointestinal Division, Birmingham, Alabama, USA

81.11. Virtual Postoperative Visits for New Ostomates. T. L. White1, J. Moss1, P. Watts1, J. Cannon2, D. Chu1, G. Kennedy1, S. Vickers1, M. Morris1 1University of Alabama at Birmingham, Birmingham, AL, USA

81.12. Robotic vs Laparoscopic Resection for Colorectal Disease. T. K. Kleinenschmidt1, M. Ferrara1, J. Rosser1, M. Parker1 1Brookwood Baptist Health System, Department of General Surgery, Birmingham, AL, USA

81.13. Effect of BMI on Outcomes after Surgery for Perforated Diverticulitis. K. T. Weber1, P. Chung2, M. Sfakianos1, V. Patel1, A. Alfonso1, J. Nicastro3, G. Coppa3, G. Sugiyama1 1Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA 2Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA

81.14. Laparoscopic Radical Right Hemicolectomy Using Caudal -to-Cranial Versus Medial-to-Lateral Approach. L. Zou1, B. Zheng1, L. Zou1 1Guangdong Provincial Hospital of Chinese Medicine, Department of Gastrointestinal Surgery, Guangzhou, GUANGDONG, China

81.15. “Practice Patterns and Outcomes of Splenic Flexure Mobilization During Laparoscopic Left Colectomy.”. R. Resio1, K. Y. Pei1 1Yale University School of Medicine, Surgery, New Haven, CT, USA

81.16. Does Umbilical Cleanliness Correlate with Colorectal Surgery Patient Outcomes?. J. T. Brady1, A. R. Althans1, M. Nishitala1, S. L. Stein1, E. Steinhagen1, H. L. Reynolds1, C. P. Delaney1, S. R. Steele1 1University Hospitals Cleveland Medical Center, Surgery, Cleveland, OH, USA 2Cleveland Clinic, Colorectal Surgery, Cleveland, OH, USA 3Cleveland Clinic, Digestive Disease and Surgery Institute, Cleveland, OH, USA

81.17. Morbidity and Mortality in Patients Undergoing Fecal Diversion as an Adjunct to Wound Healing. R. J. Kuceko1, M. E. Pontelli1, D. Scanling1, M. Weingarten1, D. E. Stein1 1Drexel University College of Medicine, Surgery, Philadelphia, PA, USA

81.18. Racial Disparities in Incidence of Colon Cancer in Patients with IBD. P. Vij4, D. Chen1, V. Pandit1, D. Sessinos1, A. Cruz4, C. Charlton1, V. Nfonsam2 1University of Arizona, Tucson, AZ, USA

81.19. Delayed Mitochondrial Maturation Contributes to Metabolic Injury in the Gut. F. Salimi Jazzi1, Z. Sun1, G. Tao1, T. J. Sinclair1, K. G. Sylvester1 1Stanford University, Division of Pediatric Surgery/Department of Surgery, Palo Alto, CA, USA 2Stanford University, Department of Surgery, Palo Alto, CA, USA

81.20. Peak Epithelial Cell Response During Intestinal Adaptation in a Zebrafish Model of SBS. M. Isani1, K. Schall1, A. Fode1, X. Hou1, T. C. Griskie11 Children’s Hospital Los Angeles, Los Angeles, CA, USA
82.01. Emergency General Surgery Patients With Psychiatric Comorbidities and Increased Resource Utilization. A. Lauria1, V. Haney2, J. S. Kim1, A. Kulaylat3, S. Armen1, M. Boitzi1, S. Allen1 *Milton S. Hershey Medical Center, Hershey, PA, USA 1Walter Reed Medical Center, Bethesda, MARYLAND, USA

82.02. Perioperative Factors Associated With Postoperative Pain Following Open Ventral Hernia Repair. W. R. Ueland1, M. Pymalé1, D. Davenport1, J. Roth1 1University of Kentucky, Lexington, KY, USA

82.03. Epidurals are Associated with Increased Morbidity and Length of Stay in Open Ventral Hernia Repairs. S. L. Zhou1, M. C. Heim1, J. H. Helm1, M. I. Goldblatt1 *Medical College of Wisconsin, Department of Surgery, Milwaukee, WI, USA

82.04. Thyrotoxicity In Older Adults: an ACS-NSQIP Study of Outcomes. Z. T. Sahli1, G. Ansari1, J. K. Canner1, D. Segev2, M. A. Zeiger1, A. Mathur1 *Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

82.05. Timing of Post-Operative Complications after Major Abdominal Surgery Varies by Age. C. Biereria1, A. J. Sinnamon1, C. E. Sharoky1, C. J. Wirtalla1, R. E. Roses1, D. L. Fraker1, R. R. Kelz1, G. C. Karakousis1 *University of Pennsylvania, Philadelphia, PA, USA

82.06. Staphylococcus aureus Nares Colonization Rates and Decolonization Efficacy of Povidone-Iodine. D. S. Urias1, J. Di Como1, K. Curfman1, M. Marley1, W. Carney1, D. Duke1, R. Dumire1, S. Morrissey1 *Conemaugh Memorial Medical Center, Johnstown, PA, USA

82.07. Significant Proportion of Small Bowel Obstructions Require > 48 Hours to Resolve after Gastrografin. M. B. Mulder1, M. D. Ray-Zack1, M. Hernandez2, D. Cullinan1, D. Turay1, S. Wydo1, M. Zielinski1, D. Yeh1 *Loma Linda University School of Medicine, Department of Surgery, Loma Linda, CA, USA 1University of Miami, Ryder Trauma Center: Division of Trauma and Surgical Critical Care, Miami, FL, USA 2Mayo Clinic: Division of Trauma, Critical Care, and General Surgery, Rochester, MN, USA 3University of Wisconsin, Madison, Department of Surgery, Marshfield Clinic, Madison, WI, USA

82.08. Microbiological Patterns and Sensitivity in Necrotizing Soft Tissue Infections in Rwanda. M. CHRISTOPHE1, J. Rickard2,3, F. Charles1,4, N. Faustin1,2 *University of Rwanda, College of Medicine and Health Sciences, Kigali, KIGALI, Rwanda 2University of Minnesota, Surgery and Critical Care, Minneapolis, MN, USA 3University Teaching Hospital of Kigali, Surgery, Kigali, KIGALI, Rwanda 4Rwanda Military Hospital, Plastic and Reconstructive Surgery, Kigali, KIGALI, Rwanda

82.09. GASTROINTESTINAL BLEEDING in the 21st CENTURY: NO LONGER A SURGICAL DISEASE?. D. A. Hill1, L. Khoury1, M. Kopp1, M. Panzo1, T. Bajaj1, C. Schell1, A. Corrigan1, R. Rodriguez1, S. Cohr1 *Northwell Health at Staten Island University Hospital, Department of Surgery, Staten Island, NEW YORK, USA

82.10. Opioid Prescriptions in General Surgery: Perception vs Reality. J. S. Danobeitia1, J. R. Imbus1, J. L. Philip1, D. F. Schneider1, D. Melnick1 *University of Wisconsin, Surgery, Madison, WI, USA

82.11. Outcomes of GI Operations in Neutropenic Patients. M. Harary1,2, J. S. Jolissaint1, A. Tavakkoli3,4 *Harvard Medical School, Boston, MA, USA 1Brigham and Women’s Hospital, Department of Surgery, Boston, MA, USA

82.12. Laparoscopic versus Open Bowel Resection for Small Intestine Diverticulitis. M. P. DeVane1, A. S. Chiu1, I. Rezek1, K. Y. Pei1 *Yale University School of Medicine, Department of Surgery, New Haven, CT, USA

82.13. Is Intraoperative Assessment of Small Bowel Resection Accurate?. W. I. McKinley1, B. Strollo1, M. Benns2, A. Motameni3, N. Nash1, M. Bozeman1, K. Miller1 *University of Louisville, Department of Surgery, Louisville, KENTUCKY, USA

82.14. Outcomes of Femoral Hernias in Veteran Patients. L. R. Taveras Morales1, S. Huerta2 *University of Texas Southwestern Medical Center, Department of Surgery, Dallas, TX, USA 1VA North Texas Health Care System, Department of Surgery, Dallas, TX, USA

82.15. Surgical Performance Dashboard Analysis Affirms that Hypertension is a Biomarker of Surgical Risk. L. A. Gurien1, J. R. Imbus2, H. Kendall1, L. Palmer1, A. J. Kerwin1, J. J. Tepas1 *University of Florida College of Medicine - Jacksonville, General Surgery, Jacksonville, FL, USA

82.16. Revised Cardiac Risk Index Poorly Predicts Cardiovascular Complications after Adhesiolysis for SBO. D. Asuzu1, G. Chao1, K. Y. Pei1 *Yale University School of Medicine, Department of General Surgery, New Haven, CT, USA

82.17. Impact of Prescription Drug Monitoring System on Prescribing Practices after Out Patient Procedures. J. L. Philip1, J. R. Imbus1, J. S. Danobeitia1, N. Zaborek1, D. F. Schneider1, D. M. Melnick1 *University of Wisconsin, Madison, WI, USA

82.18. Assessing Coding Practices for Surgical Operations over Time in the United States. F. Gani1, A. Z. Paredes2, J. K. Canner1, F. M. Johnston3, E. B. Schneider2, T. M. Pavlik4 *Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA 2Ohio State University, Surgery, Columbus, OH, USA

82.19. Lipomatous Mass with High-risk Radiographic Features Is Routine Corebiopsy Warranted before Excision?. V. Satyananda1, C. Dauphine1, D. Harl1, K. Chen1, J. Ozao-Choy1 *Harbor UCLA Medical Center, General Surgery, Los Angeles, CALIFORNIA, USA
83.01. What is Your Piece of the Pie? A Survey of Surgeons’ Perceptions on Scope of Practice. A. Nayyar1, K. Patterson2, M. C. Roughton3, C. Wu1 1University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA 2University of North Carolina at Chapel Hill, Plastic and Reconstructive Surgery, Chapel Hill, NC, USA

83.02. Burns: Epidemiology, Treatment, and Outcomes at a Regional Referral Hospital In Uganda. K. Albutt1,2, M. Tungtoy6,4, G. Drevin5, S. Ttendo3,4, J. Ngonzi3,4, P. Firth5, D. Nehra6,8 1Harvard Medical School, Program In Global Surgery and Social Change, Boston, MA, USA 2Massachusetts General Hospital, Department of General Surgery, Boston, MA, USA 3Mbarara Regional Referral Hospital, Mbarara, MBARARA, Uganda 4Mbarara University of Science and Technology, Mbarara, MBARARA, Uganda 5Massachusetts General Hospital, Department of Anesthesia, Critical Care and Pain Medicine, Boston, MA, USA 6Virginia Commonwealth University, Department of Surgery, Richmond, VA, USA 83.03. Determinants of Surgical Burden and Access to Care in Trujillo, Peru. P. F. Johnston1, T. Janak1, S. Gupta2, J. Badach1, F. Muñoz Córdova1, R. Z. C. Sifri3, A. Yap4, A. Muzira5, D. Ozgediz2, T. N. Fitzgerald1 1Duke University Medical Center, Department of Global Health, Durham, NC, USA 2University of Washington, Seattle, WA, USA 3University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA 4University of Miami, Miami, FL, USA 5Massachusetts General Hospital, Department of Global Health, Boston, MA, USA 6Massachusetts Eye and Ear Infirmary, Department of Otolaryngology, Boston, MA, USA

83.04. Access to trauma and surgical care in rural Northeastern Uganda—a mixed methods study. N. Lin2, O. Nwanna-Nzewuwa3, M. Carvalho1, A. M. Margaret4, A. E. Wange5, G. Motwani1, L. Gwynn1, R. A. Dicker1, C. Juillard4 1University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA 2University of Miami, Miami, FL, USA 3Massachusetts General Hospital, Department of Global Health, Boston, MA, USA 4Massachusetts Eye and Ear Infirmary, Department of Otolaryngology, Boston, MA, USA

83.05. Delayed Diagnosis and Treatment of Pediatric Colorectal Conditions in Uganda: A Pilot Study. A. Yap1, A. Muzira5, D. Ozgediz2, T. N. Fitzgerald1 1Duke University Medical Center, Department of Global Health, Durham, NC, USA 2University of Washington, Seattle, WA, USA 3University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA 4Massachusetts General Hospital, Department of Global Health, Boston, MA, USA 5Massachusetts Eye and Ear Infirmary, Department of Otolaryngology, Boston, MA, USA

83.06. Burden, Backlog, and Economic Consequences of Pediatric Surgical Conditions in Uganda: A Pilot Study. A. Godier-Furnemont1, M. Cheung1, K. Nakembo5, A. Nabiryé6, H. Namboozo6, A. Yap1, P. Kisa4, A. Muzira5, J. Sekabira4, D. Ozgediz2 1Yale University, Medical School, New Haven, CT, USA 2Yale University, Department of Surgery, New Haven, CT, USA 3Makere University, Mulago Hospital, Department of Surgery, Kampala, Uganda

83.07. Oil Tanker Truck Explosions 1997-2017: A Global Review of the Literature. C. Ewbank1, S. Gupta6, B. Stewart4,4, A. L. Kushner1,2, A. Charles7,1 1University of California San Francisco - East Bay, Department of Surgery, Oakland, CA, USA 2University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC, USA 3University of Washington, Department of Surgery, Seattle, WA, USA 4Stellenbosch University, Department of Interdisciplinary Health Sciences, Cape Town, South Africa 5Surgeons OverSeas, New York, NY, USA 6Johns Hopkins Bloomberg School of Public Health, Center for Humanitarian Health, Baltimore, MD, USA 7University of North Carolina, School of Medicine, Chapel Hill, NC, USA

83.08. You pray to your God: qualitative analysis of challenges in the provision of surgical care in Uganda. K. Albutt1,2, R. Yorlets2, M. Punchak1,2, P. Kayima1, D. B. Namanya4, G. A. Anderson1,2, M. G. Shimer1,2 1Massachusetts General Hospital, Department of Global Surgery, Boston, MA, USA 2Harvard Medical School, Program In Global Surgery and Social Change, Boston, MA, USA 3David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA 4Mbarara University of Science and Technology, Department of Surgery, Mbarara, MBARARA, Uganda 5Ministry of Health, Planning Division, Kampala, KAMPALA, Uganda 6Uganda Martyrs University, Nkozi, NKOZI, Uganda

83.09. Implementation of a Standardized Data-Collection System for Comprehensive Appraisal of Cleft Care. P. Bittar2, A. Carlson1, A. Mabie7, J. Marcus1, A. C. Allori1 1Duke University Medical Center, Plastic Surgery, Durham, NC, USA 2Duke University School of Medicine, Durham, NC, USA 3Duke University Medical Center, Otolaryngology & Communication Sciences, Durham, NC, USA

83.10. Improving Patient Satisfaction with Same Day as Clinic Pediatric Surgery. C. N. Criss1, J. Brown1, J. Gish1, S. K. Gadepalli1, R. B. Hirsch1 1C.S.Mott Children’s Hospital, Pediatric Surgery, Ann Arbor, MI, USA

83.11. the Utility of PEEK Implants Adjacent to Sinus Cavities after Craniofacial Trauma. V. Suresh1, A. Ranioli2, D. Powers1 1Duke University Medical Center, Durham, NC, USA 2Duke University School of Medicine, Durham, NC, USA

83.12. Efficacy of a Surgical Site Infection Scorecard for Quality Improvement in Haiti. J. A. Codner1, A. Farrell1, C. Brownfield1, C. Haack1, J. Srinivasan1, J. Sharma1 1Emory University School of Medicine, Atlanta, GA, USA

83.13. Developing Trauma Audit Filters for Regional Referral Hospitals in Cameroon: A Mixed-Methods Approach. N. Wu1, T. C. Nana1, R. Dicker1, M. Carvalho1, O. Nwanna-Nzewuwa3, G. Motwani1, S. A. Christie1, A. Chichom2, M. Carvalho1 1Center for Global Surgical Studies, University of California, San Francisco, San Francisco, CA, USA


83.15. Quality and Safety Initiatives at the Volta River Authority Hospital in Akosombo, Ghana. K. E. Smiley1, K. Albutt1, B. Cadiere1, J. Srinivasan1, J. Sharma1, J. A. Codner1, D. Powers2 1Duke University Medical Center, Durham, NC, USA 2Duke University School of Medicine, Durham, NC, USA 3Duke University Medical Center, Otolaryngology & Communication Sciences, Durham, NC, USA
Integrated Quick Shot Presentations Session III

1:30 PM - 3:30 PM

4. CLINICAL/OUTCOMES: HEPATOPANCREATOBILIARY QUICKSHOT SESSION

CITY TERRACE 10

MODERATORS: Eric C. Feliberti, MD & Hiromichi Ito, MD

84.01. Surgical Resection in Stage IV Pancreatic Cancer: A Review of the SEER Database (2004–2013). K. M. Turner1, C. J. Joyce1, A. R. Dhanarajan1, J. L. Gnerlich2 Loyola University Chicago Stritch School of Medicine, Maywood, IL, USA 1Louisiana State University Health Sciences Center, Surgery, New Orleans, LA, USA

84.02. Tumor Biology Impacts Survival in Surgically Managed Primary Hepatic Vascular Malignancies. E. Dogeas1, A. E. Mokdad1, M. Porembka1, S. Wang1, A. Yopp1, P. Polanco1, J. Mansour1, R. Minter1, M. A. Choti1, M. M. Augustine1 University of Texas Southwestern Medical Center, Surgical Oncology, Dallas, TX, USA

84.03. the Effects of Morbid Obesity on Outcomes Following Pancreaticoduodenectomy for Pancreatic Cancer. E. H. Chang1, P. L. Rosen1, D. J. Gross1, V. Roudnitsky2, M. Muthusamy3, G. F. Coppa4, G. Sugiyama5, P. J. Chung6 State University of New York Downstate Medical Center, Department of Surgery, Brooklyn, NY, USA 7Kings County Hospital Center, Division of Trauma and Acute Care Surgery, Brooklyn, NY, USA 8Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA 9Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA

84.04. the Role of a Multidisciplinary Tumor Board in Management of Patients with Pancreatic Cystic Lesions. K. Rawlins1, C. McQuinn1, E. B. Schneider1, P. Muscarella1, M. Dillhoff1, C. R. Schmidt2, L. A. Shirley2 Ohio State University, College of Medicine, Columbus, OH, USA 3Ohio State University, Department of Surgery, Columbus, OH, USA 4Alpert Einstein College of Medicine, Department of Surgery, Bronx, NY, USA

84.05. Health Disparities Impact the Expected Treatment of Pancreatic Ductal Adenocarcinoma Nationally. W. Lutfi1, M. S. Zenati1, A. H. Zureikat1, H. J. Zeh1, M. E. Hogg1 University of Pittsburgh, Pittsburgh, PA, USA

84.06. A Prognostic Nomogram for Patients with Fibrolamellar Hepatocellular Carcinoma After Resection. O. S. Eng1, M. Raool1, P. Ituarte1, S. G. Warner1, G. Singh1, Y. Fong1, L. G. Melstrom1 City of Hope National Medical Center, Duarte, CA, USA

84.07. Two Enhanced Recovery After Pancreatectomy Protocols Do Not Offer Similar Results. A. McQuaid1, K. Subramaniam2, M. Boisen3, S. Esper1, K. Meister1, J. Gealey2, J. Holder-Murray3, A. Hamadi1, M. Hogg1, H. Zeh1, A. Zureikati1 University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA 2University of Pittsburgh Medical Center, Department of Anesthesia, Pittsburgh, PA, USA 3University of Pittsburgh Medical Center, Department of GI Surgical Oncology, Pittsburgh, PA, USA

84.08. Management of Biliary Stent-Induced Cholecystitis in Patients with Pancreatic Adenocarcinoma. N. R. Jarriwalla1, M. Aburajab1, A. H. Khan1, K. Dua1, M. Aldakkak1, K. K. Christians1, B. George1, P. S. Ritch1, B. A. Erickson1, W. A. Hall1, M. Griffin1, D. B. Evans1, S. Tsai1 Medical College of Wisconsin, Surgical Oncology/Surgery, Milwaukee, WI, USA 2Medical College of Wisconsin, Hematology Oncology/Medicine, Milwaukee, WI, USA 3Medical College of Wisconsin, Radiation Oncology, Milwaukee, WI, USA 4Medical College of Wisconsin, Radiology, Milwaukee, WI, USA

84.09. Mortality After Pancreaticoduodenectomy: Determining Early and Late Causes of Patient Specific Death. S. Narayanan1, A. N. Martin1, F. E. Turrentine1, T. W. Bauer1, R. B. Adams1, V. M. Zaydfudin1 University of Virginia, Department of Surgery, Charlottesville, VA, USA

84.10. Postoperative Outcomes After Preoperative Chemotherapy vs Chemoradiation in Resected Pancreas Cancer. A. A. Mokdad1, C. A. Hester1, S. C. Wang1, M. R. Porembka1, M. M. Augustine1, A. C. Yopp1, J. C. Mansour1, R. M. Minter1, M. A. Choti1, P. M. Polanco1 University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA

84.11. Comparing Oncologic and Short-Term Outcomes of Minimally Invasive vs Open Pancreatectoduodenectomy. R. J. Torphy1, C. Friedman1, B. C. Chapman1, M. D. McCarter1, R. D. Schucklik1, B. H. Edil1, A. Gleisner1 University of Colorado, Department of Surgery, Aurora, CO, USA

84.12. Vital Signs Predict Post-Operative Complications in Patients Undergoing Pancreatectoduodenectomy. K. Dukleska1, A. Felix1, S. Iyer1, G. Medina1, H. Lavu1, C. J. Yeo1, J. M. Winter1 Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA

84.13. Feasibility of Early Postoperative Exercise Therapy After Major Gastrointestinal Surgery. L. Wilcox1, J. Swinarska1, C. J. Clark1 Wake Forest Baptist Health, Division of Surgical Oncology, Winston Salem, NC, USA

84.14. Outcomes of alternative preoperative total neoadjuvant therapy regimens in pancreatic cancer. K. Ang1, N. Goel1, M. Kilcoyne1, A. Nadler1, W. H. Ward1, J. Farma1, A. Karachristos1, N. Esnaola1, J. P. Hoffman1, S. Reddy1 Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PENNSYLVANIA, USA

84.15. Where There’s Smoke, There’s Fistula: Smoking Linked to Higher Fistula Rate After Pancreas Resection. N. Rozich1, A. Landmann1, M. Bonds1, L. Fischer1, R. Postier1, K. Morris1 University of Oklahoma College of Medicine, General Surgery, Oklahoma City, OK, USA

84.16. Sites of Distant Metastases in Patients with Positive Peritoneal Cytology for Pancreatic Cancer. M. Kilcoyne1, N. Goel1, K. Ang1, A. Nadler1, W. H. Ward1, J. M. Farma1, N. F. Esnaola1, A. Karachristos1, J. P. Hoffman1, S. Reddy1 Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA

84.17. Improving Care of Patients with Pancreatic Cancer: An Analysis of the SEER Database. A. Salami1, A. Joshi1 Albert Einstein Medical Center, Surgery, Philadelphia, PA, USA

84.18. Long term results of cholecystectomy for biliary dyskinesia: patient outcomes and resource utilization. S. B. Cairo1, G. Ventura1, E. Sandoval1, D. H. Rothstein1, 2 Women and Children’s Hospital of Buffalo, Department of Pediatric Surgery, Buffalo, NEW YORK, USA 3University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Division of Surgery, Buffalo, NY, USA 4Jacobs School of Medicine and Biomedical Sciences, Buffalo, NEW YORK, USA

13th Annual Academic Surgical Congress Thursday, February 1, 2018 www.academicsurgicalcongress.org
**Integrated Quick Shot Presentations Session III**

**Moderators:** Carlo M. Contreras, BS, MD & Niraj J. Gusani, MD, MS

1. **Pancreatic Adenosquamous Carcinoma with Worse Clinical Outcome Compared to Pancreatic Adenocarcinoma.** C. A. Hester,1, M. R. Perombไว,1, M. A. Choti,1, P. M. Polanco2,3,4, J. C. Mansour1, R. M. Minter1, S. C. Wang1, A. C. Yopp1 University of Texas Southwestern Medical Center, Surgical Oncology, Dallas, TX, USA 1Department of Veterans Affairs North Texas Health Care System, Surgical Oncology, Dallas, TX, USA

2. **Is Perioperative Serum Albumin Predictive of Outcomes Following Esophageal Resection?.** S. Saeed1, S. Hoffe1, M. Cameron1, K. Alhmanna1, J. Frakes1, J. P. Fontaine1, J. Pimentel1 Moffitt Cancer Center and Research Institute, Tampa, FL, USA

3. **Preoperative Albumin–bilirubin Grade Predicts Recurrences after Radical Gastroectomy.** T. Miwa1, M. Kanda1, C. Tanaka1, D. Kobayashi1, M. Hayashi1, N. Iwata1, N. Hatton1, M. Suenaga1, S. Yamada1, H. Sugimoto1, G. Nakayama1, M. Koike1, M. Fujivara1, Y. Koderai1 Nagoya University, Department of Gastroenterological Surgery (Surgery II), Nagoya, Aichi, Japan

4. **Functional Status in Patients Requiring Skilled Care in a Nursing Home after Radical Cystectomy.** A. A. Henderson1, M. Prunty1, T. Haden1, G. Petrovska1, B. Ge1, N. Pokalski1, M. Wakefield1, R. Kruse1, D. Mehr1, K. Murray1, K. Murray1 University of Missouri, Department of Surgery-Division of Urology, Columbia, MO, USA 1University of Missouri, School of Medicine, Columbia, MO, USA 2University of Missouri, Office of Medical Research, Columbia, MO, USA 3University of Missouri, Family and Community Medicine, Columbia, MO, USA

5. **Does Oncoplastic Surgery Offer Low Positive Margin Rate Using New SSO/ASBrS/ASTRO Margin Guidelines?.** M. Jonczyk1, K. Patel1, R. Graham1, S. Naber1, L. Chen1, A. Chatterjee1 Tufts Medical Center, Surgery, Boston, MA, USA

6. **Impact of Age on Surgically Resected Retroperitoneal Sarcoma at a High-Volume Tertiary Center.** H. N. Overton1, F. Gani1, J. Singh1, A. Blair1, M. Umar1, C. Meyer1, F. M. Johnston1, N. Ahuja1 Johns Hopkins University School of Medicine, Division of Surgical Oncology, Department of Surgery, Baltimore, MD, USA 1Johns Hopkins University School of Medicine, Division of Oncology, Department of Medicine, Baltimore, MD, USA 2Saint Louis University School of Medicine, Department of Radiology, Saint Louis, MO, USA

7. **Can It Wait? – Delayed Operative Intervention for Small Gastric GIST.** Z. E. Stiles1, P. V. Dickson1, M. G. Martin1, E. S. Glazer1, S. W. Behrmam1, J. L. Deneve1 University of Tennessee Health Science Center, Department of Surgery, Memphis, TN, USA 2West Cancer Center, Memphis, TN, USA

8. **Gastric Cancer: Experience with Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy.** C. U. Ihemelandu1, C. U. Ihemelandu1 MedStar Washington Hospital Center, Surgical Oncology, Washington, DC, USA

9. **Prognostic significance of the neutrophil-to-lymphocyte ratio in cutaneous melanoma.** N. Paez Arango1, P. Philips1, C. R. Scoggins1, A. R. Quillo1, R. C. Martin1, K. M. McMasters1, M. E. Egger1 University of Louisville, Hiram C. Polk, Jr., MD Department of Surgery, Louisville, KY, USA

10. **The Impact of Lymph Node Involvement on Survival in Stage II and III Esophageal Adenocarcinoma.** S. Cresse1, O. Picado1, B. Azab1, D. Franceschi1, A. Livingstone1, D. Yakoub1 University of Miami Leonard M. Miller School of Medicine, Division of Surgical Oncology, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

11. **The Impact of Emergency General Surgery on Survival in Patients with Metastatic Cancer.** K. C. Lee1,2, E. Lilley3, D. Sturgeon1, E. Roeland1, G. N. Mody1,5, Z. Cooper1,4 Brigham & Women’s Hospital, Center for Surgery and Public Health, Boston, MA, USA 1University of California, San Diego, Department of Surgery, San Diego, CA, USA 2Rutgers-Robert Wood Johnson Medical School, Department of Surgery, Newark, NJ, USA 3University of California, San Diego, Moores Cancer Center, La Jolla, CA, USA 4Brigham & Women’s Hospital, Department of Thoracic Surgery, Department of General Surgery, Boston, MA, USA 5Brigham & Women’s Hospital, Department of Surgery, Boston, MA, USA

12. **Adrenal Oncocytoma: A Systematic Review.** J. J. Kanitra1, J. C. Hardaway1, T. Soleimani1, N. Mehrabi1, M. K. McLeod1, S. Kavuturu1 Michigan State University, Department of Surgery, Lansing, MI, USA 2Michigan State University, Lansing, MI, USA


14. **A Pilot Study Investigating Upstage Rate and Chemoprevention Use in High-Risk Breast Lesion Patients.** A. A. Shufford1, J. Richman1, C. Parker1, R. B. Lancaster1 University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA

15. **Process Development and Implementation of an Enhanced Recovery Program after Radical Cystectomy.** A. A. Henderson1, K. Staveley-O’Carroll1, E. Kimchi1, A. Dickinson1, K. Clements1, M. Wakefield1, K. Murray1 University of Missouri, Division of Urology-Department of Surgery, Columbia, MO, USA 2University of Missouri, Division of Surgical Oncology-Department of Surgery, Columbia, MO, USA 3University of Missouri, Department of Health Management and Informatics, University of Missouri, Columbia, MO, USA 4University of Missouri, Center for Health Care Quality, Columbia, MO, USA

16. **pregnancy and melanoma: what are the relationships?.** J. A. DiSano1, E. W. Schaefer1, K. Kjerulf1, C. S. Hollenbeck1, C. R. Famerij1 Penn State Hershey Medical Center, Hershey, PA, USA

17. **Patterns of Medical Management in Patients with Gastric Adenocarcinoma.** S. Willis1, D. Maurente1, S. Anderl1, A. Johns1, M. Bustos1,3, S. Sennhauser2, M. Ghali1,2, L. Ramsaran1,2, Z. Segota1,2, L. Siegel1,2, D. Drew1,2, G. Azzi1,2, D. Dammrich1,2, O. M. Rashid1,2 Holy Cross Hospital, Michael and Dianne Bienes Comprehensive Cancer Center, Fort Lauderdale, FL, USA 2Massachusetts General Hospital, Cancer Center, Boston, MA, USA 3University of Miami Miller School of Medicine, Miami, FL, USA 4Charles E. Schmidt College of Medicine at Florida Atlantic University, Boca Raton, FL, USA 5Nova Southeastern University College of Osteopathic Medicine, Ft. Lauderdale, FL, USA

18. **Colorectal Cancer in Patients with Type 2 Diabetes Mellitus: Patterns in Molecular Profiling.** F. Lambert1, W. Ward1, J. Purchla1, N. Nweze1, N. Goel1, S. Reddy1, E. Sigurdson1, J. Farma1 Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA

19. **Male Breast Cancer: A Review of One Tertiary Center Hospital Experience.** A. Alhefdhi1,2, M. Almarghoub1, S. AlSani1, O. Almalik1,2, A. Alhefdhi1,2 King Faisal Specialist Hospital & Research Center, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia 1Alfaisal University, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia

20. **Comparison of Mastectomy Using Ultrasonic Dissecting Versus Electro-Surgical Device in CA Breast.** S. Gogna1, J. Con1 New York Medical College, General Surgery, Valhalla, NY, USA
66. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 4

MODERATORS: Kevin P. Mollen, MD & Bradley J. Segura, MD, PhD

66.01. Metabolic abnormalities are not different in morbid (BMI>35) and Super obese (BMI>50) Adolescents... B. Farber1, S. Burjonrappap1, Montefiore Medical Center, Pediatric Surgery, Bronx, NY, USA

66.02. Nationwide Survival Analysis of Sentinel Lymph Node Biopsy in Pediatric Malignancies. P. P. Parikh1, J. E. Sola2, E. A. Perez1, University of Miami, Surgery, Miami, FL, USA

66.03. Non-radiographic Severity Measurement of Pectus Excavatum. D. P. Bliss1, N. M. Vaughan2, R. A. Walk3, J. A. Naiditch1, A. A. Kane2, R. R. Hallac2, Childrens Hospital Colorado/University of Colorado School of Medicine, Division of Pediatric Surgery/Department of Surgery, Colorado Springs, CO, USA 1Baylor University Medical Center at Dallas, Dallas, TX, USA 2Brooke Army Medical Center/US Army Medical Corps, San Antonio, TX, USA 3Dell Children’s Medical Center of Central Texas, Austin, TX, USA 4UT Southwestern Medical Center, Division of Plastic Surgery, Dallas, TX, USA 5Children’s Medical Center Dallas, Dallas, TX, USA

66.04. Non-traumatic Surgical Emergencies in Children: An Examination of ED Visits across the US. A. A. Shah1, K. Williams2, E. Cornwell3, T. Oyetunji4, B. Nwomeh5, Howard University College of Medicine, Surgery, Washington, DC, USA 1Nationwide Children’s Hospital, Pediatric Surgery, Columbus, OH, USA 2Children’s Mercy Hospital-University of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

66.05. Pediatric Breast Masses: Should They Be Excised?. C. M. McLaughlin1, J. Gonzalez-Hernandez2, M. Bennett3, H. G. Piper3, 5University of Texas Southwestern Medical Center, Dallas, TX, USA 1Baylor University Medical Center, General Surgery, Dallas, TX, USA 2Children’s Medical Center, Pediatric Surgery, Dallas, TX, USA 3Baylor Scott & White Health, Office of the Chief Quality Officer, Dallas, TX, USA

66.06. Recurrence of pilonidal disease: our best is not good enough. D. R. Halleran1, 2, J. J. Lopez1, 2, A. E. Lawrence1, 2, K. L. Leonhart1, V. Y. Sebastiao2, B. A. Fischer3, J. N. Cooper4, P. C. Minnerci5, K. J. Deans6, Nationwide Children’s Hospital, Division of Pediatric Surgery, Columbus, OH, USA 7Children’s Mercy Hospital, the Center for Surgical Outcomes Research, Columbus, OH, USA

66.08. Suspected Appendicitis Pathway Continues to Lower CT Rates in Children Two Years After Implementation. L. A. Gurien1, 2, M. S. Dassinger1, M. Crandall3, J. J. Tepas4, S. D. Smith5, Arkansas Children’s Hospital, Pediatric Surgery, Little Rock, AR, USA 6University of Florida College of Medicine - Jacksonville, General Surgery, Jacksonville, FL, USA

66.09. Pediatric Perforated Appendicitis: A Scoring System to Classify Degrees of Peritoneal Contamination. R. Jones1, 2, J. S. Davis1, 2, L. Burkhalter1, R. Foglia1, University of Texas Southwestern Medical Center, Dallas, TX, USA 2Children’s Medical Center, Department of Surgery, Dallas, TX, USA

66.10. Withholding Foley Catheters in Children Receiving Patient Controlled Analgesia. J. Sobrino1, J. Axt1, J. Sula1, L. Wedel1, D. Millsapgh1, S. St.Peter1, Children’s Mercy Hospital-University of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

66.11. Prolonged Extracorporeal Membrane Oxygenation Is Associated With Poor Neurologic Outcomes. G. J. Ares1, 2, C. Buonpane1, I. Helenowski1, F. Hebal2, C. J. Hunter2, University of Illinois at Chicago, Department of Surgery, Chicago, IL, USA 3Ann & Robert H. Lurie Children’s Hospital of Chicago, Division of Pediatric Surgery, Chicago, IL, USA 4Northwestern University, Department of Surgery, Chicago, IL, USA

66.12. Does age affect surgical outcomes following ileo-pouch anal anastomosis in children? N. Bisma, A. S. Patel1, D. Schindel1, 2University of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA 1Children’s Medical Center, Pediatric Surgery, Dallas, TX, USA

66.13. Health-Related Needs of Pregnant Women and Caregivers with Prenatal Surgical Fetal Diagnoses. M. E. Danko1, J. R. Robinson1, 2, R. K. Skeens1, G. P. Jackson1, 2Vanderbilt University Medical Center, Department of Pediatric Surgery, Nashville, TN, USA 3Vanderbilt University Medical Center, Department of Biomedical Informatics, Nashville, TN, USA 4Vanderbilt University Medical Center, Department of Pediatrics, Division of Neonatology, Nashville, TN, USA

66.14. Analysis of Outcomes in Adolescents and Young Adults with Pilonidal Disease. M. N. Abraham1, S. L. Raymond2, A. Iqbal1, S. D. Larson1, M. M. Mustafa1, J. A. Taylor1, S. Tan1, S. Islam1, University of Florida, Pediatric Surgery, Gainesville, FL, USA

66.15. Enteric Duplication in Children. J. A. Sujka1, J. Sobrino1, L. A. Benedict1, A. Halemaya2, S. St. Peter3, R. Hendrickson1, Children’s Mercy Hospital, Kansas City, MO, USA

66.16. Intestinal Function After Early vs. Late Appendectomy in Children with Perforated Appendicitis. A. N. Munoz1, R. Hazboun1, J. Vannix1, V. Pepper1, T. Crane1, E. P. Tagge1, D. C. Moores1, J. E. Baerg1, Loma Linda University School of Medicine, Division of Pediatric Surgery, Loma Linda, CA, USA

66.17. Lack of Disparities in Screening for Associated Anomalies in Children with Anorectal Malformations. L. V. Veras1, J. Smith1, A. Gosain1, University of Tennessee Health Science Center, Pediatric Surgery, Memphis, TN, USA

66.18. Measuring the Impact of Surgical Intervention in Pediatric Pectus Excavatum. F. Hebal1, L. Eckstein1, C. Hunter1, M. Reynolds1, Ann & Robert H. Lurie Children’s Hospital of Chicago, Pediatric Surgery, Chicago, IL, USA 2Bowdoin College, Brunswick, MAINE, USA

66.19. Analysis of Multidisciplinary Pediatric Clinic Weight Reduction Program: Are parents disengaged?. B. D. Hughes1, C. B. Cummins1, O. Nunez-Lopez2, J. Prochaska1, E. Lyons1, D. Jupiter1, K. Perino1, A. Glaser1, R. S. Radhakrishnan1, 2, K. D. Bowen-Jallow1, University of Texas Medical Branch, Division of Surgery, Galveston, TX, USA 3University of Texas Medical Branch, Preventive Medicine and Community Health, Galveston, TX, USA 4University of Texas Medical Branch, Department of Nutrition and Metabolism, Galveston, TX, USA 5University of Texas Medical Branch, Department of Pediatrics, Galveston, TX, USA

66.20. Trends and Attributable Costs of Anorectal Involvement in Pediatric Crohn’s Disease. C. G. DeLong1, A. N. Kulaylat1, A. S. Kulaylat1, C. S. Hellenbek1, 2, E. R. Cilley1, 2, D. V. Rocourt1, 2Penn State Children’s Hospital, Division of Pediatric Surgery, Hershey, PA, USA 3Penn State College of Medicine, Department of Public Health Sciences, Hershey, PA, USA 4Penn State Hershey Medical Center, Department of Surgery, Hershey, PA, USA
87. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 5

1:30 PM - 3:30 PM

87.01. RACS Younger Fellows Committee Leadership Exchange Visitor: Delayed versus ad libitum feeding following pyloromyotomy for infantile hypertrophic pyloric stenosis – results of a multi-centre randomised controlled trial. J. Karpelowsky1,2, D. T. McDowell1,2, C. Langusch1,2 Division of Child and Adolescent Health, Sydney Medical School, University of Sydney, Department of Paediatric Surgery, Sydney, New South Wales, Australia The Children’s Hospital at Westmead, Westmead, New South Wales, Australia

87.02. Trends in the Surgical Mangement of Pediatric Empyema. K. Shaffer1, J. Boura1, P. Brahramdram1,2 Beaumont Health System Research Institute, Royal Oak, MI, USA 1Beaumont Children’s Hospital, Pediatric Surgery, Royal Oak, MI, USA 2Oakland University William Beaumont School of Medicine, Surgery, Royal Oak, MI, USA

87.03. Parent Assessment of a Tablet-Administered BOQ-P Feedback System in the Outpatient Surgery Setting. P. H. Chang1, J. V. Nelson1, L. Fowler1, P. Warner1,2, S. Romo2, M. Murphy2, R. Sheridan1,2 Shriners Hospitals for Children, Cincinnati, OH, USA 2Shriners Hospitals for Children, Boston, MA, USA 1University of Cincinnati, Division of Plastic/Burn Surgery, Cincinnati, OH, USA 2Massachusetts General Hospital, Department of Surgery, Boston, MA, USA

87.04. Outcomes for Correction of Long-Gap Esophageal Atresia: A 22-Year Experience. L. A. McDuffie1, A. Jensen1, E. Groh1, F. Rescorla1 Indiana University School of Medicine, Pediatric Surgery, Indianapolis, IN, USA

87.05. Testicular tissue cryopreservation for prepubertal males receiving fertility threatening medical therapy. K. S. Corkum1,2, T. B. Lautz1,2, B. A. Lockart1,3, E. K. Johnson1,2, E. E. Rowell1,2 Northwestern University Feinberg School of Medicine, Department of Surgery, Chicago, IL, USA 1Northwestern University Feinberg School of Medicine, Department of Urology, Chicago, IL, USA 2Ann and Robert H. Lurie Children’s Hospital of Chicago, Division of Urology, Chicago, IL, USA 3Shriners Hospitals for Children, Cincinnati, OH, USA

87.06. Small Sized Aorta in Left-sided Congenital Diaphragmatic Hernia Improves Following Repair of the Defect. P. E. Lau1, C. C. Style1, S. M. Cruz1, D. A. Castellanos1, T. C. Lee1, J. A. Kron1, D. L. Cass2, C. Fernandes3, S. G. Keswani4, O. O. Olutoye1 Baylor College of Medicine, Michael E DeBakey Department of Surgery, Houston, TX, USA 1Texas Children’s Hospital, Cardiology/Pediatrics, Houston, TX, USA 2University of Texas Medical Branch, Galveston, TX, USA

87.07. Resource Utilization After Gastrostomy Placement in Premature Infants. T. L. Duncan1, J. Ulugia1, D. C. Barnhart1, B. T. Bucher1 University of Utah, Division of Pediatric Surgery, Department of Surgery, Salt Lake City, UT, USA

87.08. Pediatric Central Access Care Algorithm: Selection, Safety and Efficiency. M. R. Threlkeld1, J. P. Gurria1, D. Doelman1, E. S. Tuncel Kara1, M. Troutt1, B. Rymeski2, R. A. Falcone1 Cincinnati Childrens Hospital and Medical Center, Pediatric Surgery, Cincinnati, OH, USA

87.09. Using a Novel Metric to Assess Effects of Socioeconomic Status on Short-Term Gastrochisis Outcomes. D. M. Van Der Heide1, K. Keck2, H. Yuan3, I. Liao2, J. Shilyansky4, J. Shelton1 1University of Iowa, Carver College of Medicine, Iowa City, IA, USA 2University of Iowa, Department of Surgery, Iowa City, IA, USA

87.11. A Prelude to Clinical Translation of the Artificial Placenta. J. S. McLeod1, J. T. Church1, B. K. Jordan2, E. E. Perrone1, R. Schumacher1, G. B. Mychaliska1 University of Michigan, Department of Pediatric Surgery, Ann Arbor, MI, USA 1University of Michigan, Department of Surgery, Ann Arbor, MI, USA 2Oregon Health and Science University, Department of Pediatrics, Portland, OR, USA 3University of Michigan, Department of Pediatric Surgery, Ann Arbor, MI, USA

87.12. Minimally invasive drainage of large subcutaneous soft tissue abscesses: A novel technique. J. K. Burk1, S. B. Cairo1, D. H. Rothstein1 1State University of New York at Buffalo, Surgery, Buffalo, NY, USA 2Women and Children’s Hospital of Buffalo, Pediatric Surgery, Buffalo, NY, USA

87.13. Volume of Care Delivered by Pediatric Surgical Specialties through Patient Portal Messaging. K. M. Riera1, J. R. Robinson2, K. J. Van Arendonk3, D. Fabbri2, G. P. Jackson1 1Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA 2Vanderbilt University Medical Center, Biomedical Informatics, Nashville, TN, USA

87.14. Operative experience with pediatric adnexal pathology at stand-alone children’s hospitals. K. S. Corkum1,2, T. B. Lautz1,2, E. E. Rowell1,2 Northwestern University Feinberg School of Medicine, Department of Surgery, Chicago, IL, USA 2Ann and Robert H. Lurie Children’s Hospital of Chicago, Division of Pediatric Surgery, Chicago, IL, USA

87.15. BMI Percentile Effects on Cholelithiasis and Biliary Dysfunction in the Pediatric Population. C. Walk1, M. Sharma1, M. Osterhage1, D. Hardisky1, J. Pringle1, A. Aranda1, D. Meagher1, S. Barnett1, J. Pence1 1Wright State University, Boonshoft School of Medicine, Dayton, OH, USA 2Wright State University, Department of Pediatric Surgery, Dayton, OH, USA 3Ohio State University, Columbus, OH, USA

87.16. Association Between Rib/costal Cartilage Length and Pectus Excavatum. R. Eisinger1, T. Harris1, D. A. Rajderkar1, S. Islam1 1University of Florida, Pediatric Surgery, Gainesville, FL, USA
88.12. Correlation in Trauma Patients between Mild Traumatic Brain Injury and Facial Fractures. M. C. Justin1, E. Kwanuka2, M. A. Chaudhary1, E. J. Caterson1,2 Brigham and Women's Hospital, Center for Surgery and Public Health, Department of Surgery, Harvard Medical School, Boston, MA, USA Brigham and Women's Hospital, Division of Plastic Surgery, Department of Surgery, Harvard Medical School, Boston, MA, USA Brown University School of Medicine, Division of Plastic Surgery, Department of Surgery, Providence, RI, USA

88.13. To Scan or not to Scan: Evaluation of Children with Head Trauma and Unconfirmed Loss of Consciousness. J. D. Kaufman1, C. N. Litz2, S. A. Thiel1, A. Carey1, P. D. Danielson1, M. N. Chander1 Johns Hopkins All Children's Hospital, Division of Pediatric Surgery, St. Petersburg, FLORIDA, USA


88.15. Defining Massice Transfusion in Civilian Pediatric Trauma With Traumatic Brain Injuries. E. H. Rosenfeld1, M. E. Cunningham1, P. Lau1, A. Karediya1, B. Naik-Mathuria1, R. T. Russell1, A. M. Vogel2 Baylor College of Medicine and Texas Children's Hospital, DeBakey Department of Surgery, Houston, TX, USA Children's Hospital of Alabama, Department of Pediatric Surgery, Birmingham, AL, USA

88.16. Variation in Surgeons' Requests for General Anesthesia when Scheduling Carpal Tunnel Release. A. Sox-Harr1, S. Mudumbai2, E. Meerwijk3, R. N. Kamali1, D. Eisenberg1, E. Sears4, A. K. Finlay1, S. Pershing1, H. Hagedorn1, M. Hawn1, C. Curtin1 Stanford University, Department of Surgery, Palo Alto, CA, USA Stanford University, Department of Orthopedic Surgery, Palo Alto, CA, USA VA Palo Alto Healthcare Systems, Palo Alto, CA, USA VA Minneapolis Healthcare System, Minneapolis, MN, USA Stanford University, Department of Anesthesiology, Palo Alto, CA, USA University of Michigan, Ann Arbor, MI, USA

88.17. Failure to Rescue Rates Across a Statewide Trauma System. C. E. Sharoky1, N. D. Martin1, B. P. Smith1, J. L. Pascual1, L. J. Kaplan1, P. M. Reilly1, D. N. Holena1 University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA

88.18. Infection, Local Complication, and Graft Failure Rates in Alloplastic Craniofacial Reconstruction. J. D. Oliver1, J. B. Mancilla1, K. Vyasa1, B. Sharafi1 Mayo Clinic, Plastic and Reconstructive Surgery, Rochester, MN, USA Mayo Clinic, School of Medicine, Rochester, MN, USA

88.19. Nationwide Outcomes of Laparoscopic Versus Open Ventral Hernia Repair with Component Separation. S. Scurci1, J. Parroco1, J. Buicco1, A. Rice1, R. Rattan1, R. Chandawarker2 University of Miami, Trauma and Acute Care Surgery, Miami, FL, USA University of Miami - Palm Beach Regional Campus, General Surgery, Miami, FL, USA Ohio State University, Plastic Surgery, Columbus, OH, USA

88.20. Indications and Timing of Readmissions after Trauma: Implications for Post-Discharge Care. M. McCrum1, C. Zhang1, X. Ye1, Q. Ding1, A. Presson1, R. Nirula1 University of Utah, General Surgery, Salt Lake City, UT, USA University of Utah, Division of Epidemiology/Department of Internal Medicine, Salt Lake City, UT, USA
### Scientific Program

**January 30 - February 1, 2018**

**Integrated Quick Shot Presentations Session III**

**89. CLINICAL/OUTCOMES: TRANSPLANTATION/HEPATOBIARY QUICKSHOT SESSION**

**RIVER TERRACE 3**

**MODERATOR: Robert R. Redfield, MD**

| 89.01. | “No Correlation Between US News “Best Hospitals” Rank and Outcome of Liver or Kidney Transplantation”, J. L. Shreve¹, S. F. Markowiak², M. M. Nazza³, J. A. Ortiz³ | University of Toledo, College of Medicine and Life Sciences, Toledo, OH, USA | University of Toledo Medical Center, Department of Surgery, College of Medicine and Life Sciences, Toledo, OH, USA |
| 89.02. | Tumor Size or Tumor Number? Which Is More Predictive of Survival with Hepatocellular Carcinoma?, K. R. Vines¹, P. Li¹, S. Bergstresser², B. Comeaux¹, D. Dubay¹, S. Gray¹,², D. Eckhoff², J. White¹ | University of Alabama at Birmingham, Department of Surgery, Division of Transplantation, Birmingham, Alabama, USA | University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA | Medical University of South Carolina, Department of Surgery, Division of Transplantation, Charleston, SC, USA |
| 89.03. | Self-Identified Health Care Education Needs Among Adolescent and Young Adult Transplant Patients. J. E. Williams¹,², Y. J. Bababekov¹, B. Luby¹, B. Cao¹, F. Njoku¹, Y. Hung¹, D. C. Chang¹, H. Yeh¹ | Massachusetts General Hospital, Boston, MA, USA | Tufts Medical Center, Boston, MA, USA | University of California - Irvine, University of Miami Miller School of Medicine, Transplant Division/Department of Surgery, Indianapolis, IN, USA |
| 89.04. | Incidence and Outcomes of Pleural Effusion in Liver Transplantation, J. W. Clouse¹, C. A. Kubal¹, A. N. Blumenthaler¹, R. S. Mangus¹ | Indiana University School of Medicine, Transplant/ Surgical, Indianapolis, IN, USA |
| 89.05. | Single and Double Lung Transplantation in Idiopathic Pulmonary Fibrosis with Pulmonary Hypertension, A. Kashem¹, S. Keshavamurthy¹, M. N. Sakib¹, J. Gomez-Abraham¹, E. Leotta¹, K. Minakata¹, F. Cordova¹, V. Dulan¹, G. Ramakrishnan¹, S. Brann¹, Y. Toyoda¹ | Temple University, Cardiothoracic Surgery, Philadelphia, PA, USA |
| 89.06. | Liver Transplantation and Staged Biliary Reconstruction Improves Outcomes in Pediatric Recipients. J. Kim¹, M. A. Zimmerman¹, S. M. Lerret¹, B. Vitola¹, J. P. Scott¹, G. W. Telega¹, J. C. Hong¹ | Medical College of Wisconsin, Milwaukee, WI, USA |
| 89.07. | Propensity Matched Survival Analysis of Simultaneous Lung-Liver and Isolated Lung Transplantation. K. Freischlag¹, B. Ezekian¹, M. S. Mulvihill¹, P. M. Schroder¹, H. Leraas¹, S. Knechtle² | Duke University Medical Center, School of Medicine, Durham, NC, USA | Duke University Medical Center, Department of Surgery, Durham, NC, USA |
| 89.08. | Comparison of UW and HTK Preservation Solutions in Pediatric Liver Transplantation. T. J. Hathaway¹, C. A. Kubal¹, J. R. Schroering¹, R. S. Mangus¹ | Indiana University School of Medicine, Transplant Division/Department of Surgery, Indianapolis, IN, USA | Indiana University School of Medicine, Indianapolis, IN, USA |
| 89.09. | Individualized Cardiovascular Risk Assessment before Simultaneous Pancreas-Kidney Transplantation. M. Miginais¹, A. Gulla², K. Strupas² | Vilnius University, Department of Transplantion, Vilnius, Lithuania | Vilnius University, Department of Vascular Surgery, Vilnius, Lithuania |
| 89.10. | 89.11. Disparate Formulations of Machine Perfusion: an OPO Survey, P. Wiederhold¹, K. Jiles¹, A. Chiordo Ortiz¹, M. Dewey², M. Bailey³, E. Rady³, J. Ortiz³ | University of California - Los Angeles, Los Angeles, CA, USA | University of Toledo Medical Center, Toledo, OH, USA | Life Connection of Ohio, Maumee, OHIO, USA |
| 89.12. | Outcomes of Extended Hepatectomy for Hepatobiliary Tumors. Who is More Important Than Where. A. M. Attili¹, I. Sucandy¹, N. Patel¹, J. Spence¹, K. Luberce¹, T. Bourdeau¹, S. Ross¹, A. Rosemurgy¹ | Florida Hospital Tampa, General Surgery, Tampa, FL, USA | University of Central Florida, General Surgery, Orlando, FL, USA |
| 89.13. | Carcinoma of the Ampulla of Vater: Biologic and Surgical Factors Predicting Recurrence and Survival. E. C. Poli², S. J. Stocker³, C. Wang³, V. Parini³, R. Marsh³, R. Prinz³, C. R. Hall³, M. S. Talamonti³ | University of Chicago, Department of General Surgery, Chicago, IL, USA | Northshore University Health System, Department of Surgery, Evanston, IL, USA | Northshore University Health System, Section of Gastrointestinal Oncology, Evanston, IL, USA | Northwestern University, Comprehensive Cancer Center, Chicago, IL, USA |
| 89.14. | 89.15. Surgical treatment of hepatic cancer invading inferior vena cava. A. Li¹, M. Wu¹ | Eastern Hepatobiliary Surgery Hospital, the Second Special Treatment, Shanghai, SHANGHAI, China |
| 89.16. | Surgery of the benign caudate lobe tumors using an anterior transhepatic approach. A. Li¹, M. Wu¹ | Eastern Hepatobiliary Surgery Hospital, the Second Special Treatment, Shanghai, SHANGHAI, China |
| 89.17. | Is ERCP Alone In High Risk Populations Safe? A Case-Control Series. D. Dolan¹, J. Aalberg¹, C. Dinino¹, S. Nguyen¹ | Mount Sinai School of Medicine, Surgery, New York, NY, USA |
| 89.19. | Liver Resection for Metastatic Colon Cancer: During or Separate from Colon Surgery??. L. G. Leijssen¹,², A. M. Dinaux¹,², C. R. Ferrone¹,², H. Kunitake¹,², L. G. Bordeianou¹,², D. L. Berger¹,² | Massachusetts General Hospital, General and Gastrointestinal Surgery, Boston, MA, USA | Harvard School of Medicine, Brookline, MA, USA |
| 89.20. | Implementation of Enhanced Recovery to Improve Perioperative Outcomes at a Community Hospital. D. N. Maurente¹, A. Ardjeljan¹, A. Johns¹, S. Willis¹, H. Abdul¹, M. Bustos¹, S. Sennhauser¹, M. Ghali¹, A. Rashid¹, M. Perez¹, O. M. Rashid¹ | Holy Cross Hospital, Michael and Diane Bienes Comprehensive Cancer Center, Fort Lauderdale, FL, USA | Massachusetts General Hospital, Boston, MA, USA | University of Miami Miller School of Medicine, Miami, FL, USA | Charles E. Schmidt College of Medicine at Florida Atlantic University, Boca Raton, FL, USA |

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90. CLINICAL/OUTCOMES: TRAUMA/Critical Care QUICKSHOT SESSION 7

MODERATORS: Akpofure P. Ekeh, MD & Isam W. Nasr, MD

90.01. Motorcycle Helmet Attitudes and Beliefs Among Arizona Riders, C. Sikora1, B. Joseph1, A. Tang1, N. Kulvatunyou1, R. Friese1, G. Vercruysse1, L. Gries1, A. Jain1, T. O’Keeffe1  1University of Arizona, College of Medicine, Tucson, AZ, USA

90.02. Impact of Time at the Scene on Mortality in a Rural Blunt Trauma Population, L. Krecskay1, K. Mirkin1, M. Linskley1, J. S. Kim1, R. Staszak1, S. Armen1, S. Allen1  2Penn State Hershey Medical Center, Hershey, PA, USA  3Penn State Hershey Medical Center, Division of Trauma, Acute Care and Critical Care Surgery, Hershey, PA, USA

90.03. Is First Rib Fracture a Marker Or a Culprit of Injury Severity? It Is Both, A. Fokin1, E. Piccard2, J. Wycech1, R. Weiss1, I. Puente1  2Florida Atlantic University, College of Medicine, Boca Raton, FL, USA  3Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA  4Delray Medical Center, Trauma, Delray Beach, FL, USA

90.04. Empiric Transfusion Strategies During Life-Threatening Hemorrhage, G. R. Nurms1, E. E. Moore1, G. R. Stettler1, H. B. Moore1, A. Ghasabayan1, J. Chandler1, M. J. Cohen1, D. E. Peltz1, C. C. Silliman1, A. Banerjee1, A. Saaua1  1University of Colorado Denver, Department of Surgery, Aurora, CO, USA  2Denver Health Medical Center, Aurora, CO, USA  3University of Colorado Denver, Department of Pediatrics, Aurora, CO, USA  4Bonnif Blood Center, Research Laboratory, Denver, CO, USA

90.05. Smart Trauma: Improving Delivery of Evidence-based Trauma Care, C. Dekonenko1, T. McDonald1, R. Winfield1  1University of Kansas, Kansas, Kansas City, KS, USA  2University of Kansas, Trauma and Critical Care, Kans, KS, USA  3University of Kansas, Trauma Services, Kansas City, KS, USA

90.06. It's Not Guns or Cars: Most Surgical Procedures After Injury are for Falls, M. P. Jarman1, Z. G. Hashmil1, M. B. Harris1, A. Salim1, Z. Cooper1, A. H. Haider1  1Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA  2Brigham and Women’s Hospital, Division of Trauma, Burns, and Surgical Critical Care, Boston, MA, USA  3Brigham and women’s Hospital, Department of Orthopedic Surgery, Boston, MA, USA

90.07. Opiate Prescribing Following Burn and Trauma Care in Adults and Children, E. Ross1, W. Meyer1, D. Herndon1  1University of Texas Medical Branch, Surgery, Galveston, TX, USA

90.08. Splenic Embolization after Trauma: An Opportunity to Improve Best Immunization Practices, K. G. Crooker1, J. M. Howard1, A. A. Alvarado1, T. J. McDonald1, S. D. Berry1, J. L. Green1, R. D. Winfield1  1University of Kansas, Surgery/trauma/ Critical Care & acute surgery Division, Kansas City, KS, USA

90.09. Clot Activators Do Not Expedite Time to Results to Identify Latent Hyperfibrinolysis With tPA TEG, C. Walker1, H. Moore1, A. Kam1, J. Dexter-Meldrum1, T. Nydam1, M. P. Chapman1, J. Chandler1, C. Barrett1, M. Yaffe1, T. D. Johnson1, E. Moore1  1University of Colorado Denver, Aurora, CO, USA  2Massachusetts Institute of Technology, Cambridge, MA, USA  3Denver Health Medical Center, Aurora, CO, USA

90.10. Older Than They Look: Frailty in Young Trauma Patients, M. D. Raithel1, M. Lauerman1, J. Kufera1, K. Shanmuganathan1, B. Bruns1, T. M. Scalea1, D. M. Stein1  1University of Maryland, Surgery, Baltimore, MD, USA

90.11. The Breaking Point for Mortality After Geriatric Chest Trauma, B. Zangbar1, S. Imtiyaz1, Y. Yun1, L. Dresner1, V. Roudnitsky1, R. Gruessner1, P. Rhees1, B. Joseph2  1State University of New York Downstate Medical Center, Brooklyn, NEW YORK, USA  2University of Arizona, Surgery, Tucson, AZ, USA

90.12. Novel Anticoagulants in Elderly: Do these Non-reversible Agents Worsen Outcome in Accidental Falls?, Y. Shan1, Q. Yan1, D. Sharma1, L. Li1, O. Kirton1, T. Vu1  1Abington Memorial Hospital, Surgery, Abington, PA, USA

90.13. Gunshot Injuries in U.S. Trauma Centers: Analysis of the Lethality of Multiple Gun Shot Wounds, A. R. McDowell1, G. Ortega1, A. Obirieze2, N. R. Changoo2, F. Wilks1, T. R. Jones1, D. H. Ford1, A. Haider1, M. Williams2, E. E. Cornell2  1Howard University College of Medicine, Washington, DC, USA  2Howard University College of Medicine, Clive O. Callender Howard-Harvard Outcomes Research Center/Department of Surgery, Washington, DC, USA  3Howard University College of Medicine, Department of Surgery, Washington, DC, USA  4Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA  5Florida Atlantic University, College of Medicine, Boca Raton, FL, USA  6Delray Medical Center, Trauma, Delray Beach, FL, USA  7Health Care District Palm Beach County, Trauma, Palm Springs, FL, USA

90.14. Characteristics of Severely Injured Patients With Rib Fractures Evaluated at a Level 1 Trauma Center. J. Wycech1, A. Fokin1, E. Piccard1, G. DiPasquale2, R. Weiss1, I. Puente1  2Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA  3Florida Atlantic University, College of Medicine, Boca Raton, FL, USA  4Delray Medical Center, Trauma, Delray Beach, FL, USA  5Health Care District Palm Beach County, Trauma, Palm Springs, FL, USA

90.15. The Bark is Not Worse than the Bite: Pediatric Dog Bite Injuries Treated at Pediatric Trauma Center, A. Karediya1, E. H. Rosenfeld1, A. M. Vogel1, D. M. Rubalcava1, B. Naik-Mathur1  1Baylor College of Medicine & Texas Children's Hospital, Department of Surgery, Houston, TX, USA

90.16. Isolated Hip Fractures in the Elderly: Prevalence and Outcomes, C. Chantachote1, E. H. Rosenfeld1, B. S. Brooke1  1University of Utah, Surgery, Salt Lake City, UT, USA

90.17. Novel Anticoagulants in Elderly: Do these Non-reversible Agents Worsen Outcome in Accidental Falls?, Y. Shan1, Q. Yan1, D. Sharma1, L. Li1, O. Kirton1, T. Vu1  1Abington Memorial Hospital, Surgery, Abington, PA, USA

90.18. Provider Perception Versus Calculation of ICU Readmission Risk: What is More Accurate?, J. Kilpatrick1, L. Martin1, B. S. Brooke1  1University of Utah, Surgery, Salt Lake City, UT, USA

90.19. Outcome of transferred vs directly transported patients with out of hospital traumatic cardiac arrest, T. Kheirbek1, S. Roche1, A. H. Stephen1, S. N. Lueckel1, S. F. Monaghan1, D. T. Harrington1, C. Adams1  1Brown University School of Medicine, Trauma and Acute Care Surgery, Providence, RI, USA

90.20. Isolated Hip Fractures in the Elderly: Prevalence and Outcomes, C. Chantachote1, S. Cabalatungan1, S. N. Lueckel1, S. F. Monaghan1, E. Huang1, J. Dexter-Meldrum1  1Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA

13th Annual Academic Surgical Congress 2018
Integrated Quick Shot Presentations Session III

MODERATORS: Suresh Agarwal, MD & Rahul J. Anand, MD

91.01. Detecting Invasive Fungal Disease in Surgical Patients: the Utility of the (1,3)-β-D-Glucan Assay. J. J. Skubic1, M. Casslino Angeles1, R. Ramsisi1, R. Askari1 1Brigham and Women’s Hospital, Trauma, Burn and Surgical Critical Care, Boston, MA, USA

91.02. Evaluation of the Geriatric Trauma Outcome Score (GTOS) in the Palliative Care Trauma Patients. A. Fokin, J. Katz1,2, A. Tymchak1,2, I. Puente1,2 1Delray Medical Center, Trauma, Delray Beach, FL, USA 2Florida Atlantic University, College of Medicine, Boca Raton, FL, USA

91.03. Management and Outcomes of Pseudocysts following Pancreatic Trauma in Children. E. H. Rosenfeld1, A. M. Vogel1,2, M. Jafari1, R. Burd1, R. Russell1, M. Beaudin1, R. Thakkar1, R. A. Falcone Jr.1,6, H. Willis1, J. Upperman1, R. V. Burke1, M. Escobar1, D. B. Klinkner1, B. Gainer1, A. Gosa1n1, B. Campbell1, D. Mooney1, A. Stallion1, F. S. Fenton1, Z. Winchester1 1University of Utah, Department of Surgery, Salt Lake City, UT, USA 2Children’s Hospital Los Angeles, Department of Surgery, Los Angeles, CA, USA 3OhioHealth Grant Medical Center, Trauma, Columbus, OH, USA 4University Children’s Hospital- University of Kentucky, Department of Surgery, Lexington, KY, USA

91.04. PREVALENCE of MARIJUANA USE IN INJURED DRIVERS 2018. J. M. Prince1,2 1Integrated Quick Shot Presentations Session III 2Integrated Quick Shot Presentations Session IV

91.05. Changes In Epidemiology and Prognosis of Acinetobacter Baumannii BSI Over Past Decade. H. Wang1, W. Li1, D. Wu1 1Qilu Hospital of Shandong University, Department of Critical Care Medicine, Jinan, SHANDONG, China 2Qilu Hospital of Shandong University, Department of Clinical Laboratory, Jinan, SHANDONG, China

91.06. Mortality Discrepancies in Skin Sloughing Disorders Compared to Burns in a Tertiary Care Burn Center. F. N. Williams1, L. Cristico1, B. Gaines1, S. Jones1 1University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA

91.07. Early Versus Late Intramedullary Nailing For Traumatic Femur Fracture: Did Meta-Analyses Fill the Gaps? R. Latifi1, D. Samson1, M. Munee1, A. A. El-Menyar1 1Westchester Medical Center, Surgery, Valhalla, NY, USA 2Hamad General Hospital, Surgery, Doha, Qatar

91.08. Should Extraperitoneal Bladder Injuries be Repaired at the Time of Pelvic Fixation? A. M. Bales1, K. F. Purcell1, J. Ferraiuola1, R. J. Markert1, A. P. Ekeh1, G. Semon1, D. Kimpel1, M. Prayson1, M. C. McCarthy1 1Wright State University, Boonshoft School of Medicine, Dayton, OH, USA

91.09. Anticoagulant/Antiplatelet Agent Use in Older Adults: Prevalent and Deadly. C. Chantachote1, J. E. McCormack1, E. C. Huang1, J. A. Vosswinkel1, R. S. Jawa1 1Stony Brook University Medical Center, Stony Brook, NY, USA

91.10. Ground Level Falls in the Elderly and Alcohol. K. Herrera1, B. Li1, S. Jain1, C. Kwong1, C. Kohler1, V. Roudnitsky1, G. Sugiyama1 1State University of New York Downstate, Surgery, Brooklyn, NEW YORK, USA 2Hofstra Northwell School of Medicine, Surgery, Hempstead, NEW YORK, USA

91.11. Legislative Advocacy for Pre-Hospital Systems in Bolivia. S. D. South1, M. Boeck2, J. E. Foiani1, M. Swaroop1 1Northwestern University, Surgery, Chicago, IL, USA 2Cornell University, General Surgery, Ithaca, NY, USA

91.12. Cortical Trajectory Pedicle Screws for Fixation of Traumatic Thoracolumbar Fractures. J. C. Wochna1, R. Mariano1, I. Catanesiu1, J. Katz1,2, C. Spalding1, K. Narayan1 1OhioHealth Grant Medical Center, Neurosurgery, Columbus, OH, USA 2Ohio University Heritage College of Osteopathic Medicine, Athens, OH, USA 3OhioHealth Grant Medical Center, Trauma, Columbus, OH, USA

91.13. Wilderness Falls- A Novel Injury Demographic and Mechanism. M. D. Bernard1, R. Wright1, H. Anderson1, A. C. Bernard1 1University of Kentucky, Department of Surgery, Lexington, KY, USA

91.14. Does admission GCS impact mortality risk following thermal injury?. L. B. Nosanov1,2, M. M. McLawhorn1, L. T. Moffatt1, L. S. Johnson1,2, J. W. Shupp1,2 1The Burn Center, Department of Surgery, MedStar Washington Hospital Center, Washington, DC, USA 2Firefighters’ Burn and Surgical Research Laboratory, MedStar Health Research Institute, Washington, DC, USA

91.15. Predictors of Mortality in Patients with Necrotizing Soft Tissue Infections: 20 Years of Experience. M. Castillo-Angel1es1, R. Ramsisi1, D. Nehra1, J. M. Havens1, R. Askari1, A. Salim1, S. L. Nitzschke1 1Brigham and Women’s Hospital, Surgery, Boston, MA, USA

91.16. Pilot Study of Perioperative Blood Glucose Management in General Surgical Patients. A. W. Harrington1, J. Dohiman1, R. Assi1, S. A. Weinzierl1 1Yale New Haven Hospital, Department of Surgery, New Haven, CT, USA 2Yale New Haven Hospital, Department of Pediatrics, New Haven, CT, USA 3Yale University School of Medicine, New Haven, CT, USA

91.17. Impact of Anticoagulation Prophylaxis on Line Associated DVTs: A 3 Year Retrospective Study. J. Day1, C. Cairns1, M. Goyal1, A. Kumar1, Z. Winchester1, J. Katz1, J. Bell1, S. Fitzgibbons1 1Georgetown University School of Medicine, Washington, DC, USA 2MedStar Washington Hospital Center, Emergency Medicine, Washington, DC, USA 3MedStar Georgetown University Hospital, General Surgery, Washington, DC, USA 4MedStar Health Research Institute, Hyattsville, MD, USA

91.18. Correlations of Severity Related to Trauma Indexes in Exploratory Laparotomies in Trauma.. P. Abreu-Reis1, R. Goolkate1, A. Nasr1, A. Bettiga1, F. Tomasich1, J. Collaco1 1Federal University of Para, Department of Surgery, Curitiba, PR, Brazil

91.19. the Sexual Dimorphism of Obesity in Trauma: A National Trauma Data Bank Analysis. M. Diebel1, A. Janke1, J. V. Martin1, D. M. Liberati1, L. Hoesel1, L. N. Diebel1 1Wayne State University, Michael and Marian Ilitch Department of General Surgery, Detroit, MI, USA

91.20. the Impact of Severe Injuries on Adult Patients with Obesity. M. Modarresi1, B. Guillon1, J. Najar1, R. Aguilar1, Z. Hunter1, M. Schade1, J. Sanabria1, R. Klug1, S. Wilson1, E. Thompson1, J. Sanabria1 1Marshall University School of Medicine, Department of Surgery, Huntington, OH, USA

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92.01. Short Term Outcomes of Esophagectomies in Octogenarians — An Analysis of ACS-NSQIP. J. Otero, M. R. Arnold, A. M. Kao, K. A. Schlosser, T. Prasad, A. E. Lincourt, B. T. Heniford, P. D. Colavita 1 Carolina Medical Center, Division of Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA

92.02. Laparoscopic Weight Loss Surgery in the Elderly; An ACS NSQIP Study on the Effect of Age on Outcomes. M. R. Arnold, K. A. Schlosser, J. Otero, T. Prasad, A. Lincourt, B. T. Heniford, P. D. Colavita 1 Carolina Medical Center, General Surgery, Charlotte, NC, USA

92.03. Retrospective Review of TAP Block with Liposomal Bupivacaine During Laparoscopic Enterectomy. L. M. Deppe, C. Kasal, K. Mathis, D. W. Larson 1 Mayo Clinic Rochester, Colon and Rectal Surgery, Rochester, MN, USA 2 Mayo Clinic Health System, Red Wing, MN, USA

92.04. the peroperative outcome of pelvic exenteration for gastrointestinal and gynecologic malignancies. N. M. Hinkle, P. Dickson, R. B. Interiano, D. Shibata, G. Munene, J. Monroe, L. Smiley, M. Reed, J. Deneve 1 University of Tennessee Health Science Center, Surgery, Memphis, TN, USA 2 University of Tennessee Health Science Center, Obstetrics and Gynecology, Memphis, TN, USA 3 University of Iowa Hospitals and Clinics, Department of Surgery, Iowa City, IA, USA

92.05. Advantage of Robotic Colorectal Surgery in Rates of Operative Conversion. L. Heidelberg, E. Malone, M. Morris, D. Chu, G. Kennedy, J. Cannon 1 University of Alabama at Birmingham, Division of Gastrointestinal Surgery, Birmingham, Alabama, USA

92.06. First Case Report of Rectal Angiofibroma. V. Kurbatov, J. M. Bloom, G. A. Yavorek 1 Yale University School of Medicine, General Surgery, New Haven, CT, USA 2 Southern Connecticut State University, New Haven, CT, USA

92.07. Laparoscopic Cholecystectomy in Patients Supported with a Left Ventricular Assist Device (LVAD). V. Suresh, M. Bishawii, B. Bryner, M. Manning, C. Patel, J. Rogers, C. Milano, J. Schroder, M. Daneshmand, C. A. Sommer 1 Duke University Medical Center, School of Medicine, Durham, NC, USA 2 Duke University Medical Center, Division of General Surgery, Durham, NC, USA 3 Duke University Health System, Durham, NC, USA

92.08. Sarcoma Resection: Outcomes Related to Methods of Reconstruction and Tumor Locations. M. H. Nguyen, J. Carr, L. A. Daminz, H. J. Kim, C. Hultman 1 University of North Carolina at Chapel Hill, Plastic Surgery Department, Chapel Hill, NC, USA 2 University of North Carolina at Chapel Hill, Department of Surgical Oncology, Chapel Hill, NC, USA

92.09. Cholecystectomy and the Risk of Gastric and Esophageal Adenocarcinoma-Meta-Analysis. H. Khadra, T. Cushing, S. Souza, J. Crowther, C. DuCoin 1 Tulane University School of Medicine, Department of Surgery, New Orleans, LA, USA

92.10. Predictors of Conversion from Laparoscopic to Open Lysis of Adhesion for Small Bowel Obstruction. D. Asuzu, G. Chao, K. Y. Pei 1 Yale University School of Medicine, General Surgery, New Haven, CT, USA

92.11. Differing Rates of C. Difficile Infection in Patients with Ostomy Reversal versus Colon Resection. C. L. Chranton, D. Chen, V. Pandit, A. Cruz, D. Sessinou, P. Vij, V. Nfonsam 1 University of Arizona, Department of Surgery, Tucson, AZ, USA

92.12. Effectiveness of Liposomal Bupivacaine in Ostomy Reversal: A Retrospective Study. D. G. McKeown, C. Sokas, A. Neveli, S. Goldstein, G. Isenberg, B. Phillips 1 Thomas Jefferson University Hospital, Colorectal Surgery, Philadelphia, PA, USA

92.13. the effects of BMI on patients undergoing total neoadjuvant therapy for pancreatic cancer. K. Ang, N. Goel, M. Kilcoyne, A. Nadler, W. H. Ward, J. Farma, A. Karachristos, N. Esnaola, J. P. Hoffman, S. Reddy 1 Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA


92.15. Satisfaction with Sedation in Colonoscopy: A Systematic Review and Meta-Analysis. F. Dossat, B. Medeiros, S. A. Acuna, N. N. Baxter 1 University of Toronto, Division of General Surgery, Toronto, ON, Canada 2 Western University, Department of Biology, London, ON, Canada

92.16. A Comparison of Single-Site Robot Assisted Versus Laparoscopic Appendectomy. S. B. Bryczkowski, D. M. Filliberto, S. G. Pereira 1 Hackensack University Medical Center, General Surgery, Hackensack, NJ, USA 2 University of Tennessee Health Science Center, Surgical Critical Care, Memphis, TN, USA

92.17. Surgery of Non-tumoral Oeso-gastroduodenal Diseases By Laparoscopy. DiopPS, Kal, FayeA.C, Fall B. ? P. S. DIOP 1 Cheikh Anta DIOP University, Department of Surgery, Dakar, DakAR, Senegal


92.19. Comparative analysis of pancreatic cancer clinical pathways. S. Willis, A. Ardeljan, D. Maurente, A. Johns, H. Abdul, M. Bustos, S. Susie, M. Ghali, O. M. Rashidi 1 Holy Cross Hospital, Michael and Dianne Bienes Comprehensive Cancer Center, Fort Lauderdale, FL, USA 2 Massachusetts General Hospital, Cancer Center, Boston, MA, USA 3 University of Miami Miller School of Medicine, Miami, FL, USA 4 Charles E. Schmidt College of Medicine at Florida Atlantic University, Boca Raton, FL, USA 5 Nova Southeastern University College of Osteopathic Medicine, Fort Lauderdale, FL, USA
93.02. Time to Complications after Endovascular Repair of Abdominal Aortic Aneurysm: A 3 Years Analysis. V. Pandit1, M. N. Khan1, M. Zeeshan1, M. Hamidi1, F. S. Jehan1 1University of Arizona, Tucson, AZ, USA

93.03. Emergent Endovascular Revascularization of Acute on Chronic Mesenteric Ischemia Lowers Mortality. N. C. Cirillo-Penn1, B. L. Pagano1, V. Y. Dombrovsky1, S. A. Rahimi1, K. H. Nagarsheth1 1Rutgers - Robert Wood Johnson Medical School, Vascular Surgery, New Brunswick, NJ, USA

93.04. Variability of Pre-operative Toe Pressures in Patients with Chronic Limb-threatening Ischemia (CLI). A. M. Flores1, M. Fakhari1, J. Darling1, M. L. Schermerhorn1,2, R. J. Guzman1,2 1Beth Israel Deaconess Medical Center, Vascular Surgery, Boston, MA, USA 2Harvard School of Medicine, Boston, MA, USA

93.05. Ultrasound Guided Foam Sclerotherapy: Does Size Matter?. J. T. Tonio1,2, D. Munteanu1, A. Russell1, N. Chiang1, H. Hao1, J. Chuen1,2 1The Austin Hospital, Department of Vascular Surgery, Melbourne, VICTORIA, Australia 2The University of Melbourne, Department of Surgery, Melbourne, VICTORIA, Australia

93.07. Duplex Ultrasound Is A Viable Method To Longitudinally Follow EVAR Patients for Endoleak. A. Reilly1, M. Shukla1, P. Callas1, G. Steinthorsson1, A. Stanley1, D. J. Bertges1, J. A. Lahiri1, M. J. Alef1 1University of Vermont, Vascular Surgery, Burlington, VT, USA

93.09. Effects of EMR-Based Coding Queries on Rates of Miscoding for Complex Open Aortic Aneurysm Repairs. S. S. Ayub1, S. T. Scal1, S. A. Berceli1, J. A. Richter1, T. S. Huber1, J. Fatima1, K. A. Giles1 1University of Florida, Vascular Surgery and Endovascular Therapy, Gainesville, FL, USA

93.10. Early Initiation of HBOT in Necrotizing Soft Tissue Infection Has No Impact on Length of Stay or Patient Disposition. B. Meloro1, L. DeStefano1, K. Katragadatta1, J. Matthews1, A. Buckley2, D. Tran1, A. Debl1, J. B. Fobia1 1Mercy Catholic Medical Center, Department of Surgery, Darby, PA, USA 2Philadelphia College of Osteopathic Medicine, Philadelphia, PA, USA

93.11. Patient Selection and Outcomes of EVAR Devices Before and After Market Approval. P. Yu1, Z. Novak1, E. Spangler1, M. Patterson1, M. Passman1, A. Beck1, B. Pearce1 1University of Alabama at Birmingham, Dept of Surgery, Division of Vascular Surgery & Endovascular Therapy, Birmingham, Alabama, USA

93.12. the Operational Ramifications of a Surgical Fellowship on OR Management Metrics. M. Shukla1, T. T. Huynh2, D. Bertges1, G. Steinthorsson1, M. H. Tsai2,3 1University of Vermont Larner College of Medicine, Department of Surgery, Burlington, VT, USA 2University of Vermont Larner College of Medicine, Department of Anesthesiology, Burlington, VT, USA 3University of Vermont Larner College of Medicine, Department of Orthopaedics and Rehabilitation (by Courtesy),Burlington, VT, USA

93.13. Correlation Between Cold Inducible Ribonucleic Acid Binding Protein Levels and Wound Healing. K. Shya1, T. Li1, A. Jacob1,2, S. Kaplan1, J. Nicastro2,2, F. Baksh1, P. Wang1,2,3, A. R. Oropallo1,2 1Northwell Health System, Department of Surgery, Comprehensive Wound Care Healing Center and Hyperbarics, Lake Success, NEW YORK, USA 2Hofstra-Northwell School of Medicine, Hempstead, NEW YORK, USA 3The Feinstein Institute for Medical Research, Manhasset, NEW YORK, USA

93.14. Aortoiliac Thromboembolic Events in Younger Women: A Retrospective Case Review. M. P. Kochuba1, E. Choi1, F. Schmieder1, R. Dhanisetty1, P. Van Bemmelen1, S. Golarz1 1Temple University Hospital, Department of Surgery, Philadelphia, PA, USA

93.15. Characterization of the Strength of the Genetic Component Associated with Abdominal Aortic Aneurysms. F. Vissopo1, B. Shue1, J. Hinson1, D. Melzer1, J. E. Index1 1University of Connecticut School of Medicine, Farmington, CT, USA 2University of Connecticut Health Center, Department of Surgery, Farmington, CT, USA 3University of Connecticut Health Center, Department of Cardiology, Farmington, CT, USA 4University of Connecticut Health Center, Center On Aging, Farmington, CT, USA
94.01. Medical Student Utilization of Social Media. D. Ruter, L. A. Shirley, C. Jones 1 Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA 1 The Ohio State University College of Medicine, Columbus, OH, USA 2 The Ohio State University College of Medicine, Department of Surgery, Columbus, OH, USA

94.02. Is there Gender Bias on the General Surgery Certifying Examination?. T. Q. Ong, J. P. Koppe, A. T. Jones, M. A. Malangoni 1 American Board of Surgery, Philadelphia, PA, USA 2 James Madison University, Harrisonburg, VA, USA

94.03. Qualitative Analysis of a Cultural Dexterity Program for Surgeons: Feasible, Impactful, and Essential. R. Udyavar, D. Smink, J. Mullen, T. Kent, A. Green, A. Harlow, M. Castillio-Angeles, A. Columbus, A. Haider 2 Brigham and Women's Hospital, Center for Surgery and Public Health, Department of Surgery, Boston, MA, USA 3 Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA 4 Massachusetts General Hospital, Department of Surgery, Boston, MA, USA 5 Beth Israel Deaconess Medical Center, Department of Surgery, Boston, MA, USA

94.04. Using Bradford's Law of Scattering to Identify the Core Journals of Pediatric Surgery. N. Desai, L. V. Veras, A. Gosain 1 University of Tennessee Health Science Center, Surgery, Memphis, TN, USA

94.05. Team-Based Learning in Surgery Clerkship: Perception and Impact on NBME Subject Examination Scores. C. Babbitt, A. Kaminski, M. C. McCarthy, M. Roelle, R. Markert, P. P. Parikh 1 Wright State University, Dayton, OH, USA

94.06. Readability Analysis of Online Materials Related To Open and Endovascular Abdominal Aortic Aneurysm Repair. B. B. Scott, B. N. Tran, A. F. Doval, B. T. Lee 1 Beth Israel Deaconess Medical Center, Department of General Surgery, Boston, MA, USA 2 Beth Israel Deaconess Medical Center, Department of Plastic and Reconstructive Surgery, Boston, MA, USA

94.08. Rural First Responder Needs Assessment Using Mathematical Modelling. G. E. Sorensen, M. Aranke, M. Bhatia, S. Yang, D. Vyas 1 Texas Tech University Health Science Center School of Medicine, Lubbock, TX, USA 2 Texas Tech University Health Science Center, Pathology, Lubbock, TX, USA 3 Texas Tech University Health Science Center, Surgery, Odessa, TX, USA

94.09. Live Tweeting the Academic Surgical Congress: Four Years of Growth and Focus. H. J. Logghe, J. W. Suliblok, A. Cochran, N. J. Gusan, L. S. Kao, B. C. Nwomeh, C. D. Jones 1 Penn State Hershey Medical Center, York, PA, USA 2 Johns Hopkins University School of Medicine, Baltimore, MD, USA 3 Baylor College of Medicine, Houston, TX, USA 4 University of Utah, Salt Lake City, UT, USA 5 University of Texas Health Science Center at Houston, Texas, USA 6 Nationwide Children’s Hospital, Columbus, OH, USA 7 Allies for Health, Reno, NV, USA

94.10. Empowering Bystanders to Intervene: Chicago South Side Trauma First Responders Course. B. Wondimu, S. Speedy, T. Barnum, F. Cosey-Gay, S. Regan, L. Stone, M. Shapiro, M. Swaroop, L. C. Tatebe 1 Northwestern University, Chicago, IL, USA 2 University of Chicago, Chicago, IL, USA 3 University of Illinois at Chicago, Chicago, IL, USA

94.11. There is No Routine Gallbladder: A Call to Enhance the “Culture of Safety in Cholecystectomy”. T. T. Jayakrishnan, M. Chimukangara, T. P. Webb, C. S. Davis 1 Medical College of Wisconsin, Division of Trauma, Critical Care, and Acute Care Surgery, Milwaukee, WI, USA

94.12. Prediction of Postoperative Surgical Risk: A Needs Assessment for Formal Curriculum. S. L. Ahle, J. M. Healy, K. Y. Pei 1 Yale University School of Medicine, New Haven, CT, USA 2 University of Illinois Chicago, Chicago, IL, USA

94.13. Development of Rating Criteria for Providing Peer Feedback on Surgical Technical Skill. S. Bharadwaj, S. Meyerson, R. Love, A. Bharat, M. DeCamp, D. D. Odell 2 Feinberg School of Medicine - Northwestern University, Surgery, Chicago, IL, USA 3 Northwestern University Surgical Outcomes & Quality Improvement Center (SOQIC), Surgery, Chicago, IL, USA

94.14. To Lead Others, Know Yourself First: 360-Degree Assessment to Enhance Educational Leadership Skills. S. Misra, R. Casanova, M. Marsh, L. Luk 1 Brandon Regional Hospital, Surgical Oncology, Brandon, FL, USA 2 Texas Tech University Health Sciences Center, Medical Education, Lubbock, TX, USA 3 Dell Medical School, Medical Education, Austin, TX, USA

94.15. An Informed Consent Update for Academic Surgeons. S. E. Raper, J. Joseph 1 University of Pennsylvania Health System, Quality and Risk Management, Philadelphia, PA, USA 2 Perelman School of Medicine, Surgery, Philadelphia, PA, USA

94.16. Improving Surgical Outreach in Palestine: Assessing Goals of Local and Visiting Surgeons. A. D. McDow, S. O. Salmon, K. L. Long 1 University of Wisconsin School of Medicine and Public Health, Department of Surgery, Madison, WISCOSIN, USA 2 University of Florida-Jacksonville, Oral and Maxillofacial Surgery, Jacksonville, FL, USA

94.17. Medical School Clerkship Experience: Influence on Specialty Choice. A. D. Kaminski, G. N. Falls, P. P. Parikh 1 Wright State University, Department of Surgery, Dayton, OH, USA

94.18. Minimally invasive surgical exposure among U.S. and Canadian pediatric surgery fellows, 2004 – 2016. S. B. Cairo, C. M. Harmon, D. H. Rothstein 1 Women and Children’s Hospital of Buffalo, Department of Pediatric Surgery, Buffalo, NY, USA 2 State University of New York, University at Buffalo, Department of Surgery, Buffalo, NY, USA

94.19. Resident Postgraduate Level Does Not Impact Outcomes Following Cholecystectomy. L. R. Taveras Morales, J. Imran, O. Renteria, S. Huerta 1 University of Texas Southwestern Medical Center, Department of Surgery, Dallas, TX, USA 2 VA North Texas Health Care System, Department of Surgery, Dallas, TX, USA

94.20. Academic Surgery Leadership Positions: What Makes a Successful Candidate?. J. A. Cook, S. E. Sason, S. P. Duquette, T. A. Evans, S. S. Tholpady, M. W. Chu 1 Indiana University School of Medicine, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA 2 R.L. Roudebush Veterans Affairs Medical Center, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA
95.03. #obsm: Early Experience with an Interdisciplinary Social Media Chat on Obesity and Bariatric Surgery. H. J. Logghe1, A. A. Ghaferi2, B. Moeinolmolki2, N. Floch3, S. Arghavan2 1Allies for Health, Reno, NV, USA 2University of Michigan, Ann Arbor, MI, USA 3Fairfield County Bariatrics and Surgical Specialists, Norwalk, CT, USA 1Moenin Surgical Arts, Los Angeles, CA, USA 2Washington University, St. Louis, MO, USA

95.04. Million Life Fighters: Curriculum That Further Enhances the Already Competent. J. K. Wright1, J. Lung1, S. Huffman1, D. Vyas1 1Texas Tech Health Sciences Center, School of Medicine, Lubbock, TX, USA

95.05. Understanding Diagnostic Radiology Education During Undergraduate Medical Education. R. W. Bail1er, R. Martin 1University of Louisville, School of Medicine, Louisville, KY, USA

95.06. Introducing a Shadowing Experience to Surgical Intern Orientation: Hitting the Ground Running. K. F. Angell1, Z. Senders1, J. T. Brady1, J. Ammon1, J. M. Marks1 1University Hospitals Cleveland Medical Center, Surgery, Cleveland, OH, USA

95.07. Implementing Survey-Based Changes in an Online Curriculum for Surgical Interns: A Follow-Up Study. M. E. Alishahedani1, G. A. Sarosi1, J. A. Taylor1 1University of Florida, Department of Surgery, Gainesville, FL, USA

95.08. Pediatric Surgeon Click-Bait: Patterns of Access to Email Blast Publication Links. S. S. Ayub1, C. D. Downard2, A. B. Goldin3, D. M. Powell4, S. Islam1, J. A. Taylor1 1University of Florida, Pediatric Surgery, Gainesville, FL, USA 2Alishahedani 1University of Louisville, School of Medicine, Louisville, KY, USA 3University Hospitals Cleveland Medical Center, Surgery, Cleveland, OH, USA 4University of Louisville, School of Medicine, Louisville, KY, USA

95.09. Mind Mapping to Concept Mapping: A Way to Capture Learner Perception. M. F. Amendola1, B. Kaplan1 1Virginia Commonwealth University, Richmond, VA, USA

95.10. “Integrating Surgical Philanthropy into Surgical Training”. S. R. Aziz1, S. R. Aziz1 1Rutgers School of Dental Medicine, Oral & Maxillofacial Surgery, NEWARK, NJ, USA

95.11. Evaluation of Trauma, Surgical Critical Care, and Acute Care Surgery Fellowship Web Sites. C. K. Cantrell1, N. J. Dahlgren1, B. L. Young2, K. M. Hendershot6 1University of Alabama at Birmingham, School of Medicine, Birmingham, AL, USA 2Carolina’s Medical Center, Department of Orthopaedic Surgery, Charlotte, NC, USA 3University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

95.12. A Robotic Surgical Curriculum for Chief Resident Exposure and Experience. M. P. Meara1, C. P. Rodman1, J. S. Schwartz2, D. B. Renton1, A. S. Meara1 1The Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA

95.13. New Surgery Residency and Timing of Cholecystectomy for Biliary Pancreatitis. A. D. Kalani1, L. Gomez2, J. R. Popovich3, K. Lee1, S. Cassaro1,2 1Kaweah Delta Medical Center, General Surgery, Visalia, CA, USA 2University of California - Irvine, Surgery, Orange, CA, USA


95.15. Implementing the Trauma Evaluation and Management (TEAM) Course in Kenya. E. D. Johnson1, K. A. Hill1, M. Lutomia4, K. K. Lee5, J. A. Puyana1, J. MacLeod1,3 1University of Pittsburgh, Surgery, Pittsburgh, PA, USA 2University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA 3Egerton University, Surgery, Nakuru, KENYA, Kenya 4Egerton University, Orthopedic Surgery, Nakuru, KENYA, Kenya

95.16. Global Surgery in the 21st Century: Equity in Training Partnerships. J. Rickard1, K. Chu1 1University of Minnesota, Surgery, Minneapolis, MN, USA 2University of Cape Town, Surgery, Cape Town, South Africa

95.17. Critical Care Education in Rwanda. J. Rickard2, E. Tuyisherre1, F. Nitenganya1,2,3, B. Banguti2,3 1University of Minnesota, Minneapolis, MN, USA 2University Teaching Hospital of Kigali, Kigali, Rwanda 3University of Rwanda, Kigali, Rwanda

95.18. Use of 3d Printed Models for Pre Operative Rehearsal Prior To Complicated Aortic Surgery. J. T. Toniolo1,2, A. Woo1, N. Chiang1, J. Chuen1,2 1Austin Hospital, Department of Vascular Surgery, Melbourne, VICTORIA, Australia 2The University of Melbourne, Department of Surgery, Melbourne, VICTORIA, Australia

95.19. USING COGNITIVE TASK ANALYSIS TO DEFINE HEPATO-PANCREATICO-BILIARY INTRAOPERATIVE ULTRASOUND. N. J. Zyromski1, M. G. House1, A. Nakeeb2, M. Boehler1, G. L. Dunnington1,3 1Indiana University School of Medicine, SURGERY, Indianapolis, IN, USA

95.20. Using Electronic Health Records (EHR) Data in Practice Audit: Ureteroscopy—Stent or No Stent. E. O. Abara1,2, E. Abara1,2 1Northern Ontario School of Medicine, Clinical Sciences, Sudbury/Thunder Bay, ONTARIO, Canada 2Richmond Hill Urology Practice & Prostate Institute, Richmond Hill, ONTARIO, Canada
FACULTY LISTING

“*For most up to date faculty listing, please visit the meeting app.*

Daniel E. Abbott, MD, University of Wisconsin, Madison, WI, USA
Suresh Agarwal, MD, Duke University, Durham, NC, USA
Rajesh Aggarwal, MBBS MA PhD FRCS, Thomas Jefferson University, Philadelphia, PA, USA
Vanita Ahuja, MD, Sinai Hospital, Baltimore, MD, USA
Samuel M. Alaish, MD, Johns Hopkins University School of Medicine, Baltimore, MD, USA
Steven R. Allen, MD, Penn State Health, Hershey, PA, USA
Rahul J. Anand, MD FACS, Virginia Commonwealth University School of Medicine, Richmond, VA, USA
Peter Angelos, MD, PhD, FACS, University of Chicago Medicine, Chicago, IL, USA
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<td>HEATHER YEO</td>
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<td>MOHAMED ZAYED</td>
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AAS’ mission is to inspire and develop young academic surgeons.

Specific goals are:

- To provide a forum for senior surgical residents, fellows, and junior faculty members to present and discuss their current educational, clinical or basic science research.
- To promote the career development of young surgical faculty by providing workshops designed to enhance professional and personal growth.
- To encourage the interchange of ideas between senior surgical residents, fellows, junior faculty and established academic surgeons.
- To facilitate communication among academic surgeons in all surgical fields.

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<tr>
<td>Katherine T Morris, MD</td>
<td>2016-2018</td>
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<tr>
<td>Chet Aaron Morrison, BA, MD</td>
<td>2016-2018</td>
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<tr>
<td>Katie S Murray, DO</td>
<td>2017-2019</td>
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<tr>
<td>Valentine Nfongen Nfonsam, MD, MS</td>
<td>2016-2018</td>
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<tr>
<td>Kelly Olini, MD</td>
<td>2017-2019</td>
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<tr>
<td>Matthew Ryan Porembka, MD</td>
<td>2016-2018</td>
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<tr>
<td>Reese W. Randle, MD</td>
<td>2017-2019</td>
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<tr>
<td>David H. Rothstein, MD, MS</td>
<td>2017-2019</td>
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<tr>
<td>Bradley J. Segura, MD, PhD</td>
<td>2016-2018</td>
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<tr>
<td>Shayna Lefrak Showalter, MD</td>
<td>2016-2018</td>
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<tr>
<td>Matthew Russell Smeds, MD</td>
<td>2017-2019</td>
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<td>Ryan M. Thomas, MD</td>
<td>2016-2018</td>
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<tr>
<td>Susan Tsai, MD, MHS</td>
<td>2017-2019</td>
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<tr>
<td>Catherine Garrison Velopulos, MD, BA</td>
<td>2017-2019</td>
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<tr>
<td>Regan F. Williams, MD</td>
<td>2016-2018</td>
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<tr>
<td>Heather Lynn Yeo, BSFS, MD</td>
<td>2017-2019</td>
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# Publications Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Years</th>
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<tbody>
<tr>
<td>Amir Abbas Ghaferi, MD, Chair</td>
<td>2016-2018</td>
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<tr>
<td>Troy Allen Markel, BA, MD, Co-Chair</td>
<td>2017-2019</td>
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<tr>
<td>Naira Baregaminian, MD</td>
<td>2017-2019</td>
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<tr>
<td>Evie Harvell Carchman, MD</td>
<td>2017-2019</td>
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<tr>
<td>Wasim Akram Dar, MD, PhD</td>
<td>2016-2018</td>
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<tr>
<td>Nikola Dobrilovic, MD</td>
<td>2016-2018</td>
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<tr>
<td>Sofiane El Djouzi, MD, FRCS, FACS</td>
<td>2017-2019</td>
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<tr>
<td>Nina Glass, MD</td>
<td>2017-2019</td>
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<tr>
<td>Michael David Goodman, MD</td>
<td>2017-2019</td>
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<tr>
<td>Imran Hassan, MD</td>
<td>2016-2018</td>
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<td>Alex Bernard Haynes, MD</td>
<td>2017-2019</td>
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<tr>
<td>Eunice Yuee-Dean Huang, MD, MS</td>
<td>2016-2018</td>
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<tr>
<td>Todd Foster Michael Huzar, MD</td>
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<td>Amanda Laird, MD</td>
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<tr>
<td>Julie Lang, MD</td>
<td>2017-2019</td>
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<tr>
<td>Michael Charles Lowe, MD, MA</td>
<td>2017-2019</td>
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<tr>
<td>Stephen Hugh McKellar, MD</td>
<td>2017-2019</td>
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<tr>
<td>Gitonga Munene, MD</td>
<td>2016-2018</td>
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<tr>
<td>Vanessa Nomellini, MD, PhD</td>
<td>2017-2019</td>
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<td>Nicholas Harold Osborne, MD, MS</td>
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<tr>
<td>Tolulope Abiodun Oyetunji, MD, MPH</td>
<td>2017-2019</td>
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<tr>
<td>Jacob A Quick, MD</td>
<td>2016-2018</td>
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<tr>
<td>Faisal G. Qureshi, MD</td>
<td>2016-2018</td>
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<td>Andrew J Schoenfeld, MD, MSc</td>
<td>2016-2018</td>
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<tr>
<td>Chitra Subramanian, PhD, MBA</td>
<td>2017-2019</td>
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<tr>
<td>Kyle Andrew Zanocco, BS, MD</td>
<td>2017-2019</td>
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<tr>
<td>Mohamed Adel Zayed, MD, PhD</td>
<td>2016-2018</td>
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<tr>
<td>Amer H. Zureikat, MD</td>
<td>2016-2018</td>
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<thead>
<tr>
<th>Task Force</th>
<th>Chair</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Membership Advisory Task Force</td>
<td>Rachel R Kelz, MD, MSCE, Chair</td>
<td>2015-2019</td>
</tr>
<tr>
<td>Daniel Albo, MD, PhD</td>
<td>2016-2018</td>
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<tr>
<td>Adam C. Berger, MD</td>
<td>2017-2019</td>
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<tr>
<td>Herbert Chen, MD</td>
<td>2016-2018</td>
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<tr>
<td>Siobhan A. Corbett, MD</td>
<td>2016-2018</td>
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<tr>
<td>Eric W. Fonkalsrud, MD</td>
<td>2016-2018</td>
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<tr>
<td>Tien C. Ko, MD</td>
<td>2015-2019</td>
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<tr>
<td>Scott A. LeMaire, MD</td>
<td>2015-2019</td>
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<tr>
<td>Julie Ann Sosa, MD</td>
<td>2015-2019</td>
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<tr>
<th>Task Force</th>
<th>Chair</th>
<th>Years</th>
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<tr>
<td>AAS Historian</td>
<td>F. Charles Brunicardi, MD</td>
<td>2015-2018</td>
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<tr>
<th>Task Force</th>
<th>Chair</th>
<th>Years</th>
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<tbody>
<tr>
<td>International Career Development Course Director</td>
<td>Daniel A. Anaya, MD</td>
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In 2017 the AASF announced the new “AAS/AASF Zinner Trainee Research Fellowship Award” which annually funds a resident to do clinical, health services, or education research. This honor was bestowed in recognition of Dr. Michael J. Zinner’s lifetime achievement in academic surgery. Contributions can be made to the AASF and designated for this award to invest in the future generations of academic surgeons, specifically those conducting impactful research.

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President
AAS Foundation
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LEARN HOW TO:
• Find the right mentor for your research
• Efficiently manage time to succeed in research project
• Apply for research funding, and where to obtain these funds
• Develop a hypothesis and design experiments to test it
• Submitting work for national meetings
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• Build and manage a research team
• Make the most of society, university, and hospital committee involvement; and achieve national and local visibility
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• Develop and sustain mentoring relationships
• Cope with and recover from setbacks
• Balance your academic, clinical, and personal responsibilities
• Appreciate diverse pathways to success in academic surgery
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Seventy-Ninth Annual Meeting

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Jacksonville, Florida

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Scholarship:
Catherine Sutherland, Administrative Coordinator
Phone Ext. 107 email: catherine@susweb.org
Society of University Surgeons Executive Council and Executive Retreat Attendees:

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Back Row (l-r): Clifford Cho, MD; Kasper Wang, MD; Kimberly Brown, MD; Dai Chung, MD; Frank Sellike, MD; Dev M. Desai, MD, PhD; Sharon Weber, MD; Rebecca Minter, MD; Sunil Geevarghese; David Stewart, MD; Danny Chu, MD; Cristina Ferrone, MD; Amir Ghaferi, MD, MS; Carmen Solorzano, MD

Not Pictured: Kelli Bullard Dunn, MD; David Hackam, MD, PhD; Evan Nadler, MD; Benedict Nwomeh, MD, MPH; Gretchen Schwarze, MD

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Eric Choi, MD  2017-2018
Andreas Kaiser, MD  2017-2018

SOCIAL & LEGISLATIVE ISSUES COMMITTEE
Amir Ghaferi, MD, MS  Chair  2017-2020
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Peter Angelos, MD  ACS Representative  2017-2020
Kelli Bullard Dunn, MD  ACS Representative  2017-2020
Carmen Solorzano, MD  AAMC Representative  2017-2020
Jeffrey Farma, MD  2016-2018
Niraj Gusani, MD, MS  2016-2018
Peter Muscarella, MD  2016-2018
Courtney Scaife, MD  2016-2018
Marie Crandall, MD  2017-2019
Tracy Wang, MD, MPH  2017-2019
SUS Junior Faculty Award Winner
The SUS Junior Faculty Award is intended for surgical faculty members in the United States or Canada in any of the surgical disciplines who have completed a surgical residency or clinical fellowship post-graduate training program to support their research in the basic, clinical/outcomes, or translational surgical sciences.

Ankit Bharat, MD
Mentor: Scott Budinger, MD
Sponsored by an educational grant from SUS Foundation

NEW: 2017-2018 Promising Leaders Program
The Promising Leaders Program, established in 2017, is designed to increase the number of academic surgeons from underrepresented racial and ethnic groups who are successful in obtaining leadership positions. The one-year program provides comprehensive leadership training through completion of existing courses offered by the Society of Surgeons (SUS) and the Society of Black Academic Surgeons (SBAS) and strengthens their effectiveness through the integration of executive coaching and mentoring for surgeons selected for the program.

Zara Cooper, MD
Sponsored by the Society of University Surgeons & Society of Black Academic Surgeons

Kakra Hughes, MD
Sponsored by the Society of University Surgeons & Society of Black Academic Surgeons

Raquel Bueno, MD
Sponsored by SAGES

Colin Martin, MD
Sponsored by SAGES

NEW: 2018 SUS Mid-Career Academic Surgery Professional Development Course Awards
The SUS was pleased to offer a new member benefit this year. Six SUS members in good standing were awarded complimentary registration for the upcoming SUS Mid-Career Professional Development Course.

Jussuf T. Kaifi, MD
Timothy King, MD, PhD
Swati Kulkarni, MD
Marie Catherine Lee, MD
John Morton, MD
Elmi Muller, MD
2017 SUS Travel Award Winners

The SUS sponsors two travel awards per year. Eligible applicants are those who have been accepted to present in a Plenary Session, and where the Senior Author is a SUS member in good standing. Two presenters at the Plenary Session of the Academic Surgical Congress this year will be selected to receive Travel Awards. The SUS Publications Chair coordinates the selection process and selection is made by members of the SUS Executive Council. The merits of the research, the quality of the presentation, and the skills demonstrated during the discussion will be considered in selecting award recipients. Each award recipient will attend either the SARS or ESSR Annual Meeting in the year following their selection where they will present their research. The SUS provides round trip coach airfare for the award recipient, while the sister societies provide accommodations and registration fees for the meeting. The award is intended for surgical resident trainees or surgical junior faculty.

Jennifer Miller-Ocuin, MD  
Mentor: Herbert Zeh, MD  
2018 SARS Meeting

Mautin Hundeyin, MD  
Mentor: George Miller  
2017 ESSR Meeting

INTERNATIONAL SISTER SOCIETY LEADERSHIP AWARDS

SUS leaders are chosen each year to represent the SUS at the annual meetings of its sister international surgical societies. In each case, they are expected to present some aspect of their scientific or clinical work and participate in important interchanges with the leaders and members of our partner sister societies.

SUS LIFETIME ACHIEVEMENT AWARD WINNERS

John A. Mannick, MD 2004
James C. Thompson, MD 2005
Basil A. Pruitt, Jr., MD 2006
Frank G. Moody, MD 2007
Clyde F. Barker, MD 2008
Richard L. Simmons, MD 2009
Ben Eiseman, MD 2010
Patricia K. Donahoe, MD 2011
Alden H. Harken, MD 2012
Hiram C. Polk, Jr., MD 2013
Marshall J. Orloff, MD 2014
Ernest “Gene” Moore, MD 2015
Ronald Busuttil, MD, MS, PhD 2016
Courtney Townsend, MD 2017

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Please note that this list reflects gifts received in 2017.

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$10,000 and above

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**Gold Level**
$1,000 - $9,999

- Timothy Billiar
- Kimberly Brown
- James Chandler
- Dai Chung
- Dev Desai
- Timothy Donahue
- Henri Ford
- Allan Goldstein
- O. Joe Hines
- Richard Hodin
- Gregory Kennedy
- Keith Lillemoe
- Ronald Maier
- Jeffrey Matthews
- Rebecca Minter and John
- Rectenwald
- Susan Orloff
- Timothy Pritts
- Taylor Riall
- Carmen Solorzano
- Allan Tsung
- Sharon Weber
- Sandra Wong
- Kelly Yamaichi
- George Yang

**Silver Level**
$500 - $999

- Russell Berman
- Todd Brennan
- Clifford Cho
- William Cioffi
- Marks Evers
- Scott Gallagher
- David Hackam
- Michael Longaker
- Evan Nadler
- Mayur Patel
- Kasper Wang
- Brad Warner
- Brian Zuckerbraun

**Bronze Level**
$250 - $499

- Samuel Alaish
- Mary Brandt
- Danny Chu
- Cristina Ferrone
- David Geller
- Amir Ghaferi
- Rachel Kelz
- Joshua Mammen
- Sean Mulvihill
- Benedict Nwomeh
- Henry Pitt
- Carla Pugh
- Robert Rhodes
- Carl Schulman
- Gretchen Schwarze
- Grayson Wheatley
- Rebekah White

**Contributors under $250**

- Kelli Bullard-Dunn
- Alan Dardik
- Sunil Geevarghese
- Ernest Gonzalez
- Ankush Gosain
- Jayleen Grams
- Kim Hendershot
- Bernard Jaffe
- Tien Ko
- Clara Lee
- Eugene Lee
- Jeffrey E. Lee
- Steven Lee
- John Lew
- Kenneth Liechty
- Carlos Marroquin
- Matthew Martin
- Kevin Mollen
- Shawn Safford
- Frank Selke
- David Stewart
- Tracy Wang
- Lee Wilke

If you see any errors or do not see your name listed and you made a donation in 2017, please contact the SUS Foundation office at info@susweb.org or 310-986-6443 to have this corrected.
SAVE THE DATE!

SOCIETY OF UNIVERSITY SURGEONS
LEADERSHIP AGILITY PROGRAM
August 26-29, 2018
Kellogg School of Management, Northwestern University, Evanston, IL

Visit susweb.org or contact the SUS Executive Office at info@susweb.org or (310) 986-6442 for additional information.
The SUS LEADERSHIP AGILITY PROGRAM, designed in collaboration with Kellogg School of Management, equips leaders to advance their careers in academic medicine amidst an ever-changing landscape. The program leverages Kellogg’s strength in meeting the unique design requirements of the healthcare sector through faculty and practitioners who have instructed thousands of healthcare professionals on their leadership journey.

Visit susweb.org or contact the SUS Executive Office at info@susweb.org or (310) 986-6442 for additional information.
2018 Exhibitor List

Acelity – Booth 1
12930 W. Interstate 10
San Antonio, TX 78249
Phone: (904) 536-2638
Website: www.acelity.com
Acelity was created in 2014 and unites the strengths of Kinetic Concepts Inc. & Systagenix. We are a global market leader in wound care. Through an innovative and comprehensive product portfolio combined with specialized knowledge that leads the industry in quality, safety and customer experience – we are committed to providing safe and effective medical products with integrity and compliance.

Designs for Vision – Booth 2
4000 Veterans Memorial Hwy
Bohemia, NY 11716
Phone: (631) 585-3300
Website: www.designsforvision.com
See the Visible Difference® with Designs for Vision’s Micro Series Surgical Telescopes and L.E.D. DayLite® headlights. The Micro Series Surgical Telescopes are 40% lighter and 50% smaller. The L.E.D. DayLite® headlights provide un-tethered surgical illumination. Record, document, and broadcast your surgical case reports with high-volume physicians around the world.

Karl Storz Endoscopy – Booth 4
2151 E Grand Ave # 100,
El Segundo, CA 90245
Phone: (424) 218-8100
Website: www.karlstorz.com
Email: info@karlstorz.com
Karl Storz Endoscopy-America, Inc., an international leader in endoscopic equipment and instruments, designs, engineers, manufactures and markets products with an emphasis on visionary design, precision craftsmanship and clinical effectiveness. Karl Storz has what is probably the industry’s most complete line of endoscopic equipment, offering over 15,000 products encompassing 13 specialties.

Lifebox Foundation – Booth 10
195 Montague Street, 14th Floor
Brooklyn, NY 11201
Phone: (617) 349-0200
Website: www.lifebox.org
Email: contact@lifebox.org
Lifebox is the leading nonprofit working to make surgery safer on a global scale. Chaired by surgeon and author Atul Gawande, Lifebox partners with colleagues in more than 100 low-resource countries to deliver tools, training and peer support essential for safer perioperative practice. Find out more about how you can support Lifebox programs, including surgical site infection reduction, anesthesia safety, and OR teamwork, at www.lifebox.org or on Twitter @SaferSurgery.

Pharmatechnology LLC – Booth 5
198 West 21st Street
Suite 721
New York, NY 17010
Phone: (800) 264-1016
Website: http://pharmatechnology.net/
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Sanofi – Booth 3
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Bridgewater, NJ 08807
Website: www.sanofi.us

Shire – Booth 6
300 Shire Way
Lexington, MA 02421
USA
Phone: (617) 349-0200
Website: www.shire.com

SurgiReal Products, Inc. – Booth 11
995 N. Wilson Avenue
Loveland, CO 80537
Phone: 970-818-7060
Email: info@surgireal.com
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• Hollow Organ Surgical & Suture Training
• Dermal Pathology Biopsy Training
• Incision & Drainage Training
• Nail Avulsion/Resection Training

TouchSurgery – Booth 13
447 Broadway
New York, NY, 10013
Website: www.touchsurgery.com
The Touch Surgery platform is an interactive surgical simulator providing a realistic and detailed guide to every step of a procedure. Users can quickly learn surgery, test their knowledge & rehearse.
2019 SAVE THE DATE

14th Annual Academic Surgical Congress

February 5-8, 2019
Hilton Americas - Houston
Houston, Texas

For more information, visit www.academicsurgicalcongress.org.