8th Annual Academic Surgical Congress

MEETING PROGRAM

February 5 - 7, 2013

Roosevelt New Orleans Hotel
New Orleans, Louisiana

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)
341 N. Maitland Ave., Suite 130
Maitland, FL 32751
Phone: (407) 647-7714
Fax: (407) 629-2502
www.susweb.org
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### ASC 2013 INSTITUTIONAL MEMBERS

#### Gold Members
- Stanford University School of Medicine
- University of California Los Angeles David Geffen School of Medicine
- University of Michigan Medical School
- University of Wisconsin School of Medicine and Public Health

#### Silver Members
- Medical College of Wisconsin
- Northwestern University Feinberg School of Medicine
- University of Pittsburgh School of Medicine

#### Bronze Members
- Baylor College of Medicine
- Howard University Department of Surgery
- Johns Hopkins University School of Medicine
- Massachusetts General Hospital
- University of Alabama at Birmingham School of Medicine
- University of Minnesota Department of Surgery
- Wright State University Boonshoft School of Medicine

### ASC 2013 CORPORATE SUPPORTERS

On behalf of the Academic Surgical Congress, we would like to thank the following corporate sponsors for providing support through an unrestricted educational grant.

Baxter Healthcare Corporation
St. Jude Medical

### ASC 2013 EXHIBITORS

- ACell, Inc.
- ArborMetrix
- BK Medical
- Ethicon Surgical Care
- Hitachi Aloka Medical
- Integra
- Medline Industries, Inc.
- Medtronic Advanced Energy
- Rose Micro Solutions LLC
- Sanofi Biosurgery
- Surgical Science, Inc.

### 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.
GENERAL INFORMATION

EVENT NAME
8th Annual Academic Surgical Congress

DATE
February 5 - 7, 2013

LOCATION
Roosevelt New Orleans Hotel
123 Baronne S., New Orleans, LA 70112
PHONE: 504.648.1200
Reservations:
1.800.WALDORF (1.800.925.3673)

CONTACT
Association for Academic Surgery (AAS)
11300 West Olympic Blvd, Suite 600
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ON-SITE REGISTRATION HOURS
Location: Outside of Salon/Roosevelt Area
Monday, February 4, 2013 2:00 PM - 6:00 PM
Tuesday, February 5, 2013 6:30 AM - 6:30 PM
Wednesday, February 6, 2013 6:30 AM - 6:30 PM
Thursday, February 7, 2013 7:00 AM - 6:00 PM

EXHIBIT HOURS
Location: Crescent City Ballroom
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, February 5, 2013
9:30 am - 4:00 pm and 6:30 pm - 7:30 pm Exhibit Area Open
9:30 am - 10:00 am Morning Break in Exhibit Area
11:30 am - 1:00 pm Lunch 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 ASC Entertainment Extravaganza & Dinner
(Cocktails in the Exhibit Area at 6:30 pm, followed by dinner at 7:30 pm in the Waldorf Astoria Ballroom.)

Wednesday, February 6, 2013
9:30 am - 4:30 pm Exhibits Open
9:30 am - 10:00 am Morning Break in Exhibit Area
11:30 am - 1:00 pm Lunch in Exhibit Area
4:00 pm - 4:30 pm Afternoon Break in Exhibit Area

Thursday, February 7, 2013
9:30 am - 3:30 pm Exhibits Open
9:30 am - 10:00 am Morning Break in Exhibit Area
12:00 pm - 1:30 pm Lunch in Exhibit Area
3:00 pm - 3:30 pm Afternoon Break in Exhibit Area

SPEAKER READY ROOM HOURS
Location: Outside of Salon/Roosevelt Area
All presentations must be loaded onto the show computer. All presenters should arrive to the Speaker Ready Room at least TWO HOURS PRIOR to the start of their session. A technician will be available onsite at the Encore Hotel to assist you with your presentation to load it onto the show computer.

Monday, February 4, 2013 2:00 PM - 6:00 PM
Tuesday, February 5, 2013 6:30 AM - 6:30 PM
Wednesday, February 6, 2013 6:30 AM - 6:30 PM
Thursday, February 7, 2013 6:30 AM - 4:00 PM

CME ACCREDITATION
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of CMI Education Institute, Inc. and Society of University Surgeons (SUS). CMI Education Institute is accredited by the ACCME to provide continuing medical education for physicians.

Part of the CME credits will be applicable towards fulfilling Part 2 of the ABS Maintenance of Certification (MOC) Program. This applies to the following sessions:
• SUS Presidential Plenary
• AAS Presidential Plenary
• Outcomes Panel Discussion

AMA PRA Designation Statement
The CMI Education Institute, Inc. designates this live educational activity for a maximum of 24 AMA PRA Category 1Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DISCLOSURE PROCEDURE
It is the policy of The Society of University Surgeons (SUS) and CMI Education Institute, 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 specials needs made in advance of the meeting.

The programs and talks presented at the 8th 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.
MESSAGE FROM THE PRESIDENTS

On behalf of the AAS and SUS Executive Committees, we are pleased to welcome you to our 8th Annual Academic Surgical Congress held February 5-7, 2013 at the Roosevelt New Orleans in historic New Orleans, Louisiana.

2013 marks the eighth year that our societies have collaborated to bring the best educational, basic science, translational, global health, clinical, outcomes, and health services research conducted by faculty, residents and medical students to the academic arena. 2013 also marks the 75th anniversary of the founding of the SUS and the 40th anniversary year for the AAS annual meetings. Under the leadership of AAS Recorder, Dr. Julie Ann Sosa, and SUS Publications Chair, Dr. Joseph Woo, the AAS and SUS Program Committees are offering up another innovative scientific program to our attendees.

We are honored that Dr. Thomas Fogarty will be delivering the AAS Founders Lecture and that Dr. Peter Angelos will be presenting the SUS Joel J. Roslyn Lecture. We are also excited to award Dr. Alden Harken the SUS Lifetime Achievement Award for 2013. New this year is a lectureship sponsored by the British Journal of Surgery to be given by Dr. Eefje de Vries on the development, implementation and effects of a comprehensive surgical safety system. There will also be a new format for the SUS and AAS Plenary Sessions. Each session has been developed by the respective President, and is devoted to a single topic. They are entitled, “Generating Evidence for Evidence-based Practice” and “Publish or Perish: An Editor’s Point of View” for the SUS and AAS, respectively. New this year will be a medical student mentoring program. We will also have breakout sessions based on research interest geared to help trainees asking practical questions as they look for their first academic position. And, for the first time, the ASC will be offering maintenance of certification (MOC) to attendees.

The Education Committees will hold a session on integrated training programs and the Issues Committees will hold a panel on how to develop, sustain and reward mentors in surgery. There will be a special Outcomes Panel Discussion on setting the agenda for surgical outcomes research over the next ten years. The AWS lunch session will highlight achieving goals through strategic partnerships and will give examples of real life success stories.

For the fourth year in a row, the Hot Topic Symposia will be another highlight of the meeting. Spread over two days, the Hot Topic Symposia will feature two sessions over each lunch hour. On Tuesday, we will focus on acute care surgery and surgical outcomes data as it relates to surgical education, and on Thursday, we will discuss bleeding in the operating room and global health and academic surgery.

Of course, our meeting would not be complete without the inclusion of our colleagues from all over the world and we are pleased to welcome representatives from the European Society for Surgical Research, the Society of Academic and Research Surgery, the Surgical Research Society of Southern Africa, the Japan Surgical Society, the Surgical Research Society of Australasia, the Taiwan Surgical Association, the West African College of Surgeons, the Colombian Surgical Association, and the Royal Australasian College of Surgeons and Younger Fellows.

The combination of the amazing sessions, the special programs designed specifically for medical students and trainees, and a week full of opportunities to connect with colleagues in an exciting city will make this an extraordinary meeting!

Welcome to New Orleans!

Melina R. Kibbe, MD, RVT
AAS President
Associate Professor of Surgery, Edward G. Elcock Professor of Surgical Research, Vice Chair of Research, Department of Surgery, Deputy Director, Institute for BioNanotechnology in Medicine, Northwestern University; Co-Chief, Peripheral Vascular Service, Director, Vascular Laboratory, Jesse Brown VA Medical Center

George P. Yang, MD, PhD
SUS President
Associate Professor of Surgery, Hagey Family Faculty Scholar, Stanford University School of Medicine, Staff Physician, Palo Alto VA Health Care System
Melina R. Kibbe, MD, RVT

Melina R. Kibbe, MD, is an Associate Professor of Surgery, the Edward G. Elcock Professor of Surgical Research, and Vice Chair of Research in the Department of Surgery at Northwestern University; co-Chief of the Vascular Surgery service at the Jesse Brown VA Medical Center, and Director of the Vascular Laboratory at JBVAMC. Dr. Kibbe also serves as Deputy Director for the Institute for BioNanotechnology in Medicine at Northwestern University. She has significant experience with both open and endovascular surgery, including the treatment of carotid stenosis, peripheral vascular disease, and abdominal aortic aneurysms. She is board certified in general and vascular surgery and is RVT and RPVI certified by ARDMS. Dr. Kibbe graduated from the University of Chicago Pritzker School of Medicine in 1994. She completed her internship, residency, and research fellowship at the University of Pittsburgh Medical Center in 2002, and her vascular surgery fellowship at Northwestern’s McGaw Medical Center/Feinberg School of Medicine in 2003.

Dr. Kibbe’s research interests focus on nitric oxide vascular biology and developing nitric oxide-based therapies for patients with vascular disease. For her research, she has received funds from the National Institutes of Health, American Heart Association, Department of Veterans Affairs, American Medical Association, and various intramural sources. She holds six patents or provisional patents. Her research was recognized by President Obama with the Presidential Early Career Award for Scientists and Engineers in 2009.

She currently serves as President for the Association for Academic Surgery. She is also an Associate Editor of the Journal of Surgical Research. She has received more than 10 awards for teaching excellence from Northwestern University. Her bibliography includes over 140 peer-reviewed manuscripts, review articles, and book chapters, with an emphasis on nitric oxide vascular biology and nitric oxide-based therapies. She has authored or co-authored over 160 nationally and internationally presented abstracts. She has received numerous awards, including the Society of Vascular Surgery Lifeline Research Award, 2010 Women’s Leadership Award, the Society of Gene Therapy Young Investigator Award, and the Association of Women Surgeons Outstanding Woman Surgeon 2002 Resident Award. She was also inducted into Alpha Omega Alpha Medical Honor Society, in 1994. Dr. Kibbe completed a fellowship in The Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program for Women at Drexel University College of Medicine in 2012.

She co-founded and is the Chief Medical Officer for VesselTek BioMedical, LLC, a company that specializes in the development of medical devices to treat vascular disease.

George Yang, MD, PhD

George Yang, MD, PhD is an Associate Professor of Surgery at Stanford University. He earned a BA in biological sciences at Northwestern University in 1985 followed by an MD from Northwestern University Medical School in 1994. During medical school, he completed a PhD in the Department of Molecular Genetics at the University of Illinois, Chicago under Dr. Lester F. Lau in 1993. He completed his general surgery training in 2001 at Stanford University Medical Center during which he worked as a post-doctoral fellow with Dr. Ronald J. Weigel in tumor biology. After his clinical training, he remained at Stanford University where he became a member of the Hagey Laboratory for Pediatric Regenerative Medicine directed by Dr. Michael T. Longaker. He is a staff physician at the Stanford University Medical Center and the Palo Alto VA Health Care System. His research work looks at the cellular responses to stress and how these impact the response to injury. Specifically, he focuses on cellular stress responses in wound healing and keloid biology, the role of matricellular proteins in fracture healing and the transcriptional response to bone fracture. His work has been funded by the NIH, the American Heart Association, the Oak Foundation, the Coulter Foundation, and the VA Merit System. He was a recipient of the ACS Faculty Research Fellowship, the ACS Wound Care Management Award and a Robert L and Mary Ellenburg Endowed Faculty Scholarship, and is currently a Hagey Family Faculty Scholar. He also serves on the Editorial Board of the Journal of Surgical Research.

2013 CME CERTIFICATES AND CONFERENCE EVALUATIONS

This year, all attendees will receive their CME and Attendance Certificates by completing the evaluations online. You will receive an email (using the email that you registered with for the conference) explaining how to complete your evaluation. If you have not received this email by the second day of the meeting, please let someone at the ASC Registration Desk know. You will not need to contact anyone to send you your certificate as you will be able to print your own as soon as you complete your online evaluation. However, should you experience any problems with the evaluation either during or after the Congress, please contact Phil Pyster, CAE – phil@crowsegal.com or 407-647-8839 and he’ll be glad to assist you.
JOEL J. ROSLYN LECTURE

SUS JOEL J. ROSLYN LECTURER

Peter Angelos, MD, PhD

Peter Angelos, MD, PhD, FACS is the Linda Kohler Anderson Professor of Surgery and Surgical Ethics, Chief of Endocrine Surgery, and Associate Director of the MacLean Center for Clinical Medical Ethics at the University of Chicago. He obtained his BA, MD, and PhD in Philosophy from Boston University. He completed his Surgery residency at Northwestern University and fellowships in Clinical Ethics at the University of Chicago and Endocrine Surgery at the University of Michigan.

JOEL J. ROSLYN BIOGRAPHY

Joel J. Roslyn, 48, 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 Councilor-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.

Keith D. Lillemoe, MD
Massachusetts General Hospital
SUS Past President 1997-98

Joel J. Roslyn Commemorative Lecturers

2000 Heidi Nelson
2001 Jonathan S. Bromberg
2002 Frank W. Sellke
2003 Kevin J. Tracey
2004 Michael T. Longaker
2005 Monica M. Bertagnolli
2006 K. Craig Kent
2007 Stuart J. Knechtle
2008 Jeffrey A. Drebin
2009 Colleen M. Brophy
2010 David H. Berger
2011 Selwyn M. Vickers
2012 Karyn L. Butler, MD
AAS FOUNDERS LECTURER

Thomas J. Fogarty, MD

Dr. Thomas J. Fogarty is an internationally recognized cardiovascular surgeon, inventor, entrepreneur, and vintner. He has been involved with a wide spectrum of innovations in business and technology. Dr. Fogarty has served as founder/co-founder, and Chairman/Board Member of over 33 various business and research companies, based on medical devices designed and developed by Fogarty Engineering, Inc. During the past 40 years, he has acquired 135 surgical patents, including the "industry standard" Fogarty balloon catheter and the widely used Aneurx Stent Graft that replaces open surgery aortic aneurysm. Dr. Fogarty is the recipient of countless awards and honors; most significantly, he is the recipient of the Jacobson Innovation Award of the American College of Surgeons, the 2000 Lemelson-MIT prize for Invention and Innovation and was inducted into the Inventors Hall of Fame and the National Academy of Engineering.

Recently, Dr. Fogarty and his colleagues founded the Fogarty Institute for Innovation at El Camino Hospital. The purpose of the Institute is to create an environment where innovation in medicine is encouraged, supported, and nurtured.

Dr. Fogarty was born in Cincinnati, Ohio and received his undergraduate education at Xavier University and his medical degree from the University of Cincinnati. He completed his residency at the University of Oregon and later served as Medical Staff President at Stanford Medical Center from 1973-1975. After thirteen years directing the Cardiovascular Surgery Program at Sequoia Hospital, Redwood City, California, he returned to academic life at Stanford University School of Medicine in July 1993, as Professor of Surgery. Dr. Fogarty now spends his time creating new medical devices with Fogarty Engineering and the Institute for Innovation.

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

BRITISH JOURNAL OF SURGERY LECTURER

Eefje N. de Vries, MD, PhD

Eefje de Vries is the author of several publications on surgical safety checklists. She studied medicine at the University of Amsterdam. She then earned a PhD degree from the University of Amsterdam in 2010 by developing a surgical safety checklist designed to cover the entire surgical pathway and researching the effects on morbidity and mortality of implementing this checklist in a multicentre trial.

Her research interests are in surgical safety and quality of care and in complication registration and analysis. Her clinical interests are in traumatology and thoracic surgery. Eefje de Vries is currently in her third year of surgical residency at the Spaarne Hospital in Hoofddorp.
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**

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<thead>
<tr>
<th>Year</th>
<th>Name</th>
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<tbody>
<tr>
<td>2011</td>
<td>Patricia K. Donahoe, MD</td>
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<td>2010</td>
<td>Benjamin Eiseman, MD</td>
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<td>2009</td>
<td>Richard L. Simmons, MD</td>
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<td>2008</td>
<td>Clyde F. Barker, MD</td>
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<td>2007</td>
<td>Frank G. Moody, MD</td>
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<td>2006</td>
<td>Basil A. Pruitt, Jr., MD</td>
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<td>2005</td>
<td>James C. Thompson, MD</td>
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<td>2004</td>
<td>John A. Mannick, MD</td>
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Alden H. Harken, MD graduated from Case Western Reserve Medical School in 1967 and completed surgical and pediatric cardiovascular surgical residencies at the Peter Bent Brigham Hospital and Boston Children's Medical Center. After three years as an investigator at the Walter Reed Army Institute of Research, he joined the faculty of the University of Pennsylvania. During his eight years there he published more than 100 scientific papers, was awarded two NIH grants and was quickly advanced to the rank of Professor of Surgery. In 1983, he accepted the position of Chair of the Department of Surgery at the University of Colorado's Health Sciences Center. After two enormously successful decades in Denver, he accepted his current position as Professor and Chair of the University of California San Francisco-East Bay Department of Surgery.

Dr. Harken’s interest in and contributions to the field of cardiac electrophysiology began early in his illustrious career when as an Assistant Professor of Surgery he, along with Drs. Mark Josephson and Leonard Horowitz, performed the seminal work in mapping and surgical ablation for ventricular tachyarrhythmias. The fruits of this ground-breaking labor formed the cornerstone of our current understanding of the pathophysiology of ventricular tachycardia and have provided the basis for today’s methods of ablative treatment of ischemic ventricular tachycardia. He was one of the early investigators in the implantation of implantable tachyarrhythmia devices and became one of the foremost experts in the surgical treatment of supraventricular tachyarrhythmias.

Alden Harken has authored over 500 scientific publications, been awarded 10 NIH grants and has served as the Director of the American Board of Surgery and the American Board of Thoracic Surgery, a Regent of the American College of Surgeons and President of the Society of University Surgeons and the Association of Academic Surgery.

In addition to his clinical and research accomplishments, Dr. Harken is the consummate teacher, educating generations of students, surgical residents and electrophysiology fellows in the pathophysiology and treatment of cardiac arrhythmias. He has been the recipient of teaching awards in every institution he has attended, including the distinguished Lindback Award at the University of Pennsylvania in 1983 and the Julia Burke Outstanding Teacher of the Year in 2005, 2006 and 2012. In 2000, he was awarded one of the University of Colorado’s highest honors, the Thomas Jefferson Award, for his excellence and commitment to academic ideals and for his participation in humanitarian activities.

Dr. Harken’s energy, insight, enthusiasm and innovative work have created a legacy that will influence the treatment of cardiac arrhythmias for many years to come. He has clearly been a pioneer in the field, and richly deserves his award as the Pioneer In Cardiac Pacing And Electrophysiology 2009 from the Heart Rhythm Society.
Julie Ann Sosa, MD

Julie Ann Sosa, MD MA FACS is the Recorder of the Association for Academic Surgery. She serves as the Chief of Endocrine Surgery and Director of Health Services Research in the Department of Surgery at Duke University, as well as the Leader of the Endocrine Neoplasia Diseases Group at the Duke Cancer Institute. Her clinical interest is in endocrine surgery, with a focus in thyroid cancer. Her research interests are in health services and clinical trials. She is widely published in outcomes analysis, as well as cost-effectiveness analysis, meta-analysis, and survey-based research. She is on the editorial boards of the Journal of Thyroid Research and the Journal of Surgical Research and is an editor of Current Opinion in Oncology. Dr. Sosa is the recipient of grants from the Paget Foundation, the Association for Academic Surgery, the Donaghue Foundation, the American Geriatrics Association/Hartford Foundation, and the Connecticut Stem Cell Research Fund. Dr. Sosa received her AB at Princeton, her MA at Oxford, and her MD at Johns Hopkins, where she also completed the Halsted residency program and served as assistant chief of service.

Y. Joseph Woo, MD

Joseph Woo received his undergraduate degree from the Massachusetts Institute of Technology and his M.D. from the University of Pennsylvania. Dr. Woo conducted his general surgery and cardiothoracic residencies at Penn, as well as a two year post-doctoral basic science research fellowship studying cardiac gene transfer and novel strategies of attenuating myocardial ischemia. Dr. Woo is currently Associate Professor of Surgery with Tenure at Penn. He serves as the Director of Minimally Invasive and Robotic Cardiac Surgery and Director of Cardiac Transplantation and Mechanical Circulatory Support Surgery. Dr. Woo currently heads a NIH R01-funded basic science research laboratory studying angiogenic, myocardial regeneration, and tissue engineering strategies for the treatment of heart failure. Dr. Woo also serves as P.I. on several clinical trials of valvular and ventricular assist devices and translational therapy with intramyocardial implantation of autologous bone-marrow isolated CD133+ stem cells during CABG.

FUTURE MEETING – SAVE THE DATE!

9TH ANNUAL ACADEMIC SURGICAL CONGRESS
February 4 - 6, 2014
Manchester Grand Hyatt
San Diego, California
The 2013 Academic Surgical Congress has something for everyone! In addition to numerous sessions that will appeal to all academic surgeons, there has been an effort in recent years to diversify the program to create forums for scientific exchange and networking specific to basic science, outcomes research, and education, including plenary sessions for each of these research areas (See table below). There is also an extensive and diverse program of original scientific research with numerous sessions dedicated to basic science, outcomes, and education research (See full ASC program).

<table>
<thead>
<tr>
<th>Basic/Translational Science</th>
<th>Outcomes Research</th>
<th>Education</th>
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<tr>
<td><strong>TUESDAY, FEBRUARY 5TH</strong></td>
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<tr>
<td>10:15 am - 11:00 am:</td>
<td>SUS Presidential Address, George P. Yang, MD, PhD</td>
<td>SUS Presidential Address, George P. Yang, MD, PhD</td>
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<td>SUS Presidential Address,</td>
<td>1:00 pm - 2:30 pm: SUS Presidential Plenary &quot;Generating evidence for evidence-based practice&quot;</td>
<td>10:15 am - 11:00 am:</td>
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<td>George P. Yang, MD, PhD</td>
<td>11:30 am - 1:00 pm: Issues Committee Session: AAS/SUS Mentorship Program, Overview of Mentoring in Academic Surgery</td>
<td>SUS Presidential Address, George P. Yang, MD, PhD</td>
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<td>11:00 am - 11:30 am:</td>
<td>3:00 pm - 3:30 pm: British Journal of Surgery Lecture – “Development, Implementation and Effects of a Comprehensive Surgical Safety System”</td>
<td>11:30 am - 1:00 pm:</td>
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<td>SUS Lifetime Achievement</td>
<td>4:00 pm - 5:30 pm: Outcomes Plenary Session</td>
<td>Hot Topics Session:</td>
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<tr>
<td>Award Presented to Alden</td>
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<td>“Surgical outcomes data: the next frontier in surgical education”</td>
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<td>Harken, MD</td>
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<td>11:30 am - 1:00 pm:</td>
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<td>11:30 am - 1:00 pm:</td>
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<td>Issues Committee Session: AAS/SUS Mentorship Program, Overview of Mentoring in Academic Surgery</td>
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<td>Academic Surgery</td>
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<td>Basic Science Plenary</td>
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<td><strong>WEDNESDAY, FEBRUARY 6TH</strong></td>
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<td>10:00 am - 10:30 am:</td>
<td>AAS Founders Lecture, &quot;Fogarty Institute for Innovation, Thomas Fogarty, MD</td>
<td>AAS Presidential Address, Melina R. Kibbe, MD, RVT</td>
</tr>
<tr>
<td>AAS Founders Lecture,</td>
<td>11:30 am - 1:00 pm: Association of Women Surgeons Luncheon, “Achieving Goals Through Strategic Partnerships”</td>
<td>11:30 am - 1:00 pm:</td>
</tr>
<tr>
<td>“Fogarty Institute for</td>
<td>1:00 pm - 2:30 pm: AAS Presidential Plenary, “Publish or Perish – An Editors Point of View”</td>
<td>Association of Women Surgeons Luncheon, “Achieving</td>
</tr>
<tr>
<td>Innovation, Thomas Fogarty,</td>
<td>2:30 pm - 4:00 pm: Break Out Session For Trainees interested in Surgical Education</td>
<td></td>
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<tr>
<td>MD</td>
<td></td>
<td>Goals Through Strategic Partnerships”</td>
</tr>
<tr>
<td>10:30 am - 11:30 am:</td>
<td></td>
<td>1:00 pm - 2:30 pm: AAS Presidential Plenary, “Publish or Perish – An Editors Point of View”</td>
</tr>
<tr>
<td>AAS Presidential Address,</td>
<td></td>
<td>2:30 pm - 4:00 pm: Break Out Session For Trainees interested in Outcomes Research</td>
</tr>
<tr>
<td>Melina R. Kibbe, MD, RVT</td>
<td></td>
<td>1:30 pm - 3:00 pm: Outcomes Panel Discussion: “Surgical Outcomes Research: Setting the Agenda for the Next 10 Years”</td>
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<tr>
<td>11:30 am - 1:00 pm:</td>
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<tr>
<td>Association of Women</td>
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<tr>
<td>Surgeons Luncheon,</td>
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<tr>
<td>“Achieving Goals Through</td>
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<tr>
<td>Strategic Partnerships”</td>
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<td>1:00 pm - 2:30 pm:</td>
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<tr>
<td>AAS Presidential Plenary,</td>
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<tr>
<td>“Publish or Perish – An</td>
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<td>Editors Point of View”</td>
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<td>2:30 pm - 4:00 pm:</td>
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<tr>
<td>Break Out Session For</td>
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<tr>
<td>Trainees interested in</td>
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<tr>
<td>Basic Science/Translational</td>
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<tr>
<td>Research</td>
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<tr>
<td><strong>THURSDAY, FEBRUARY 7TH</strong></td>
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<tr>
<td>11:00 am - 12:00 pm:</td>
<td>Education Plenary Session</td>
<td>Education Committee Session:</td>
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<tr>
<td>Education Session</td>
<td></td>
<td>“Integrated Subspecialty Programs: Way of the Future or Recipe for Disaster?”</td>
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<tr>
<td>12:00 pm - 1:30 pm:</td>
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</table>
## SCHEDULE-AT-A-GLANCE

### MONDAY, FEBRUARY 4, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM - 2:00 PM</td>
<td>AAS Executive Committee Lunch</td>
<td>Beinville</td>
</tr>
<tr>
<td>2:30 PM - 6:30 PM</td>
<td>AAS Executive Council Meeting</td>
<td>Chamber 1</td>
</tr>
<tr>
<td>3:00 PM - 6:00 PM</td>
<td>SUS Executive Council Meeting</td>
<td>Chamber 4</td>
</tr>
<tr>
<td>6:00 PM - 6:30 PM</td>
<td>SUS Foundation Meeting</td>
<td>Chamber 4</td>
</tr>
<tr>
<td>6:30 PM - 7:00 PM</td>
<td>AAS Nominating Committee</td>
<td>Beinville</td>
</tr>
<tr>
<td>7:00 PM - 9:30 PM</td>
<td>Joint Council Dinner</td>
<td>Antoine’s (off-site)</td>
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### TUESDAY, FEBRUARY 5, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 AM - 7:00 AM</td>
<td>AAS New Members Breakfast</td>
<td>Blue Room</td>
</tr>
<tr>
<td>6:30 AM - 7:30 AM</td>
<td>Breakfast in the Exhibit Area</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>7:00 AM - 10:00 AM</td>
<td>AAS Grant Interviews</td>
<td>Prytania Room and Renaissance Hotel: Jelly Roll Morton</td>
</tr>
<tr>
<td>7:30 AM - 9:30 AM</td>
<td>Integrated Quick Shot Session I:</td>
<td>Chamber 4</td>
</tr>
<tr>
<td>9:00 AM - 10:00 AM</td>
<td>Morning Break With Exhibits</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>10:00 AM - 10:15 AM</td>
<td>Opening Comments</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:00 AM - 11:30 AM</td>
<td>SUS Presidential Address</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Lunch In The Exhibit Area</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Hot Topic Symposium: “Acute Care Surgery – Now That We’ve Built It, Will They Come, And Why Should They?”</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Issues Committee Session: AAS/SUS Mentorship Program</td>
<td>Waldorf Astoria Ballroom</td>
</tr>
<tr>
<td>1:00 PM - 2:30 PM</td>
<td>SUS Presidential Plenary Session: Generating Evidence for Evidence-based Practice</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>2:30 PM - 3:00 PM</td>
<td>SUS Joel J. Roslyn Lecture</td>
<td>Roosevelt</td>
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<tr>
<td>3:00 PM - 3:30 PM</td>
<td>British Journal Of Surgery Lecture</td>
<td>Roosevelt</td>
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<tr>
<td>3:30 PM - 4:00 PM</td>
<td>Afternoon Break With Exhibits</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td>Basic Science Plenary</td>
<td>Roosevelt Salon IV &amp; V</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td>Outcomes Plenary</td>
<td>Roosevelt Salon IV &amp; III</td>
</tr>
<tr>
<td>5:30 PM - 6:30 PM</td>
<td>SUS Business Meeting</td>
<td>Roosevelt Salon IV &amp; III</td>
</tr>
<tr>
<td>5:30 PM - 6:30 PM</td>
<td>AAS Medical Student Quick Shots Competition</td>
<td>Orpheum</td>
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<tr>
<td>6:30 PM - 7:30 PM</td>
<td>Opening Exhibit Reception</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>7:30 PM - MIDNIGHT</td>
<td>ASC Extravaganza</td>
<td>Waldorf Astoria Ballroom</td>
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### WEDNESDAY, FEBRUARY 6, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 AM - 7:30 AM</td>
<td>Breakfast in the Exhibit Area</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>7:30 AM - 9:30 AM</td>
<td>Integrated Oral Session I:</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>9:00 AM - 10:00 AM</td>
<td>Morning Break With Exhibits</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>9:00 AM - 10:00 AM</td>
<td>Lunch In The Exhibit Area</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Basic Science Plenary</td>
<td>Roosevelt Salon IV &amp; V</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Outcomes Plenary</td>
<td>Roosevelt Salon IV &amp; III</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Gastrointestinal Nutrition 1: Gastrointestinal-Hepatopancreaticobiliary Physiology</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Trauma/Critical Care 1: Endocrine Tumors</td>
<td>Chamber 2</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Trauma/Critical Care 2: Translational Research Focused On First Few Moments After Injury</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Trauma/Critical Care 3: Clinical Challenges At The Urban Trauma Center</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Trauma/Critical Care 4: Breast</td>
<td>Chamber 4</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Vascular 1: Aneurysm, Atherosclerosis, Inflammation</td>
<td>Orpheum</td>
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</tbody>
</table>
## SCHEDULE-AT-A-GLANCE (continued)

### WEDNESDAY, FEBRUARY 6, 2013 (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 AM - 10:00 AM</td>
<td>Morning Break With Exhibits</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>10:00 AM - 10:30 AM</td>
<td>AAS Founders Lecture</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>10:30 AM - 11:30 AM</td>
<td>AAS Presidential Address</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Lunch in the Exhibit Area</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>1:00 PM - 10:00 PM</td>
<td>AAS Founders Lecture</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>10:00 AM - 11:30 AM</td>
<td>AAS Presidential Address</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Lunch in the Exhibit Area</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>1:00 PM - 3:00 PM</td>
<td>AAS Presidential Plenary: &quot;Publish or Perish - An Editor’s Point of View&quot;</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>2:30 PM - 4:00 PM</td>
<td>Breakout Sessions for Trainees interested in Basic Science/Translational, Clinical/Outcomes, and Education Research</td>
<td>Basic Science/Translational – Orpheum, Clinical/Outcomes – Roosevelt, Education Research – Waldorf Astoria Ballroom</td>
</tr>
<tr>
<td>4:00 PM - 4:30 PM</td>
<td>Afternoon Break With Exhibits</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>4:00 PM - 4:30 PM</td>
<td>AAS Student/Mentor Reception</td>
<td>Chambers 1 - 3</td>
</tr>
<tr>
<td>4:30 PM - 5:30 PM</td>
<td>SUS New Member Poster Session</td>
<td>Crescent City Ballroom-right hand side</td>
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<tr>
<td>4:30 PM - 5:30 PM</td>
<td>Resident/Student Meet The AAS Leadership Reception</td>
<td>Chambers 1 - 3</td>
</tr>
<tr>
<td>5:30 PM - 7:00 PM</td>
<td>AAS Business Meeting</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>10:00 PM - LATE</td>
<td>AAS/SUS Presidential Reception</td>
<td>Blue Room</td>
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### THURSDAY, FEBRUARY 7, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:30 AM - 7:30 AM</td>
<td>Breakfast in the Exhibit Area</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>7:30 AM - 9:00 AM</td>
<td>Integrated Oral Session II:</td>
<td>Lafitte</td>
</tr>
<tr>
<td></td>
<td>Cardiothoracic 2: General Thoracic And Aortic</td>
<td>Salon III</td>
</tr>
<tr>
<td></td>
<td>Clinical Trials/Outcomes 3: Perioperative Quality Measures</td>
<td>Salon IV</td>
</tr>
<tr>
<td></td>
<td>Clinical Trials/Outcomes 4: Global Measures Of Quality</td>
<td>Salon V</td>
</tr>
<tr>
<td></td>
<td>Emerging Technology 1: Emerging Technologies</td>
<td>Directors</td>
</tr>
<tr>
<td></td>
<td>Gastrointestinal/Nutrition 2: Colorectal/Small Bowel</td>
<td>Beinville</td>
</tr>
<tr>
<td></td>
<td>Oncology 5: Melanoma/Soft Tissue Sarcoma</td>
<td>Chamber 1</td>
</tr>
<tr>
<td></td>
<td>Oncology 6: Hepatopancreaticobiliary</td>
<td>Chamber 2</td>
</tr>
<tr>
<td></td>
<td>Oncology 7: Basic Science/Immunology</td>
<td>Chamber 3</td>
</tr>
<tr>
<td></td>
<td>Pediatrics/Developmental Biology 2: Gastrointestinal And Oncology</td>
<td>Salon II</td>
</tr>
<tr>
<td></td>
<td>Trauma/Critical Care 4: Basic Science Of Hemorrhage, Resuscitation And Healing</td>
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<tr>
<td></td>
<td>Trauma/Critical Care 5: Basic Science Inflammation And Sepsis</td>
<td>Pontalba</td>
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<tr>
<td></td>
<td>Vascular 2: Endothelial Cell Intimal Hyperplasia</td>
<td>Chamber 4</td>
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<tr>
<td>9:30 AM - 10:00 AM</td>
<td>Morning Break With Exhibits</td>
<td>Crescent City Ballroom</td>
</tr>
<tr>
<td>10:00 AM - 11:00 AM</td>
<td>AAS Research Awards</td>
<td>Roosevelt</td>
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<tr>
<td>10:00 AM - 11:00 AM</td>
<td>SUS Research Awards</td>
<td>Waldorf Astoria Ballroom</td>
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<tr>
<td>11:00 AM - 12:00 PM</td>
<td>Education Plenary Session</td>
<td>Roosevelt</td>
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<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Lunch In The Exhibit Area</td>
<td>Crescent City Ballroom</td>
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<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Education Committee Session: “Integrated Subspecialty Programs: Way Of The Future Or Recipe For Disaster”</td>
<td>Roosevelt</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Hot Topic Session: “Bleeding In The Operating Room – Why It’s Bad &amp; How To Stop It!”</td>
<td>Orpheum</td>
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<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Hot Topic Session: “Global Health And Academic Surgery: Practical Perspectives”</td>
<td>Waldorf Astoria Ballroom</td>
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<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Outcomes Panel Discussion: “Surgical Outcomes Research: Setting The Agenda For The Next 10 Years”</td>
<td>Waldorf Astoria Ballroom</td>
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<tr>
<td>3:00 PM - 3:30 PM</td>
<td>Afternoon Break With Exhibits</td>
<td>Crescent City Ballroom</td>
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<tr>
<td>3:30 PM - 5:30 PM</td>
<td>Integrated Quick Shot Session II:</td>
<td>Salon III</td>
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<tr>
<td></td>
<td>Clinical Trials/Outcomes 3: Safety And Prevention</td>
<td>Salon III</td>
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<tr>
<td></td>
<td>Clinical Trials/Outcomes 4: Perioperative Outcomes</td>
<td>Salon IV</td>
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<tr>
<td></td>
<td>Clinical Trials/Outcomes 5: Diagnostic Measures And Quality</td>
<td>Salon V</td>
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<tr>
<td></td>
<td>Education 2: Surgical Education Potpourri</td>
<td>Lafitte</td>
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<td></td>
<td>Gastrointestinal/Nutrition 3: Hindgut/Pediatrics</td>
<td>Beinville</td>
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<td>Global Health 1: Global Health</td>
<td>Napoleon</td>
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<td>Oncology 4: Basic Science</td>
<td>Chamber 1</td>
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<td></td>
<td>Oncology 5: Endocrine</td>
<td>Chamber 2</td>
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<td></td>
<td>Oncology 6: General Oncology</td>
<td>Chamber 3</td>
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<td></td>
<td>Pediatrics/Developmental Biology 2: Wound Healing Potpourri</td>
<td>Salon II</td>
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<tr>
<td></td>
<td>Trauma/Critical Care 3: Outcomes/Education/Quality And Cost</td>
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<tr>
<td></td>
<td>Trauma/Critical Care 4: Critical Care And Burns</td>
<td>Pontalba</td>
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</table>

1.2.Altered Expression and Activation of Mitogen-Activated Protein Kinases in Diabetic Heart During Cardiopлегic Arrest and Cardiopulmonary Bypass J. Feng1, Y. Liu1, N. Dobrilovic1, C. Blanchi1, F. W. Sellek1; 1Rhode Island Hospital/Alpert Medical School Of Brown University, Providence, RI

1.3.ABO Blood Group And Heart Transplantation Outcomes: Go The Distance M. W. Bradner1, B. A. Whitson1, R. John1; 1University Of Minnesota Division Of Cardiothoracic Surgery, Minneapolis, MA; 2Ohio State University Wexner Medical Center Division Of Cardiac Surgery, Columbus, OH

1.4.Regeneration Of Fetal Sheep Myocardial Infarction Following MI Requires Recruitment Of Cardiac Progenitor Cells Via Stromal-Derived Factor-1a M. Allukian1, M. Morris1, J. Xu1, R. Caskey1, W. Dorsett-Martin1, J. Gorman1, R. C. Gorman1, K. W. Liechty1; 1Hospital Of The University Of Pennsylvania, Philadelphia, PA; 2 Nemours Children’s Hospital, Orlando, Florida; 3University Of Mississippi Medical Center, Jackson, MS

1.5.Resveratrol Mitigates The Insulin Signaling Pathway In Ischemic Myocardium A. A. Sabe1, N. Y. Elmadahun1, M. P. Robich1, F. W. Sellek2; 1 Division Of Cardiothoracic Surgery, Cardiovascular Research Center, Warren Alpert School Of Medicine, Brown University, Providence, RI

1.6.Surgical Technique Influences Heartmate-2 Left Ventricular Assist Device Thrombosis C. Ward1, L. M. Wilson1, D. L. Dries1, A. A. Mangi1; 1Yale University School Of Medicine, New Haven, CT

1.7.Safety And Efficacy Of Selected Preoperative Intra-Aortic Balloon Pump Use In Continuous Flow Left Ventricular Assist Device (LVAD) Recipients: An Analysis Of 200 Recipients B. A. Whitson1, M. Bradner1, P. Eckman1, S. J. Shumway1, K. K. Liao1, R. John2; 1The Ohio State University Wexner Medical Center, Columbus, OH; 2The University Of Minnesota, Minneapolis, MN

1.8.Flavor Quality Of A Multidisciplinary Heart Team: A Pilot Study D. Choi1, S. Mulukutla1, C. Smith1, M. Schmidhofer1, O. Marroquin1, J. S. Lee1, F. G. Bakaeen1, D. Anaya1, V. O. Morell1, L. Wei1, V. Badhvai1; 1University Of Pittsburgh Medical Center, Pittsburgh, PA; 2Baylor College Of Medicine And The Michael E. DeBakey VA Medical Center, Houston, TX

1.9.Multidisciplinary Approach To Compliance With National Guidelines Leads To Significant Improvement In Clinical Outcomes In An Academic Cardiac Surgery Intensive Care Unit E. Kelly1, P. S. Shekar1, K. Kadera1, R. M. Bolman1, J. D. Rawn1; 1Brigham & Women’s Hospital, Boston, MA

1.10.Inflammatory Infiltrate In Thoracic Aortic Dissection J. C. Choi1, D. Wu2, A. Sams2, P. Albini3, M. T. Nguyen1, L. C. Palermo1, J. S. Coselli1, Y. H. Shen1, S. A. Lemair1, 2Division Of Cardiothoracic Surgery, Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX; 3The Texas Heart Institute At St. Luke’s Episcopal Hospital, Houston, TX

1.11.AKT2 Deficient Aortas Exhibit Reduced Residual Strain D. Wu1, J. C. Choi1, J. S. Coselli1, Y. H. Shen1, S. A. Lemair1, 2Division Of Cardiothoracic Surgery, Baylor College Of Medicine, Houston, TX; 2Department Of Molecular Physiology And Biophysics, Baylor College Of Medicine, Houston, TX; 3Texas Heart Institute At St. Luke’s Episcopal Hospital, Houston, TX

1.12.Calcineurin Inhibitors and Clostridium Difficile Infection in Adult Lung Transplant Recipients: the Effect of Cyclosporine Versus Tacrolimus J. T. Lee1, B. A. Whitson1, R. F. Kelly1, J. D’Cunha1, J. M. Dunitz2, J. I. Hertz2, S. J. Shumway1; 1University Of Minnesota, Division Of Cardiothoracic Surgery, Minneapolis, MN; 2University Of Minnesota, Division Of Surgery, Division Of Colon And Rectal Surgery, Minneapolis, MN; 3University Of Minnesota, Division Of Cardiac Surgery, Minneapolis, MN; 4University Of Minnesota, Division Of Cardiology, Minneapolis, MN; 5The Ohio State University, Division Of Surgery, Division Of Cardiac Surgery, Columbus, OH

1.13.Surgical Resection Of Large (>/= 7 Cm) Non-Small Cell Lung Cancers D. D. Odeh1, R. J. Landreneau1, K. N. McCormick1, J. P. Landreneau1, A. Pitanga1, J. Gomes1, F. Franca1, B. Weksler1, A. Pennathur1, J. D. Luketich1, M. J. Schuchert2; 1Department Of Cardiothoracic Surgery, Pittsburgh, PA

1.14.The Prognostic Utility Of Log Odds Ratios In Non-Small Cell Lung Cancer (NSCLC) D. M. Theeiser1, A. Groma1, P. Prasanna1, M. Hennon1, E. Dexter2, A. Picone1, T. Demmy1,2, C. E. Nwogu1,2, S. Yendamuri1,2; 1State University Of New York At Buffalo, Buffalo, NY; 2Roswell Park Cancer Institute, Buffalo, NY

1.15.Inhibition of Ctgf Decreases Matriligal Invasion In Esophageal Adenocarcinoma J. Lin1,2, Z. Wang1, D. G. Thomas1, M. B. Orringer1, A. C. Chang1, D. G. Beer1; 1University Of Michigan Department Of Surgery, Ann Arbor, MI; 2University Of Michigan Department Of Pathology, Ann Arbor, MI

1.16.The Aryl Hydrocarbon Receptor Is Central To The Immune Response To Toxic Exposures In The Lung A. Mueller1, J. Fechner1, X. Zhang1, J. D. Mezrich2; 1University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI

1.17.Developing An Academic Robotic Thoracic Surgery Program: How To Minimize The Learning Curve P. H. Dedhia1, E. J. Bergeron1, J. Lin1, A. C. Chang1, R. M. Reddy2; 1Section Of Thoracic Surgery, University Of Michigan, Ann Arbor, MI; 2Department Of General Surgery, Ann Arbor, MI

1.18.Aryl Hydrocarbon Receptor Mediated Effects Of Environmental Toxicants In Inflammatory Airway Disease M. J. Van Voorhis1, J. H. Fechner1, X. Zhang1, J. D. Mezrich1; 1University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI

1.19.Perioperative Outcomes After On-pump Versus Off-pump Coronary Artery Bypass Grafting: A Propensity-Matching Analysis F. G. Bakaeen1, D. Chu1, R. Kelly1, W. L. Holman1, M. Jessen1, H. B. Ward2; 1The Michael E. DeBakey VA Medical Center, Baylor College Of Medicine, And The Texas Heart Institute, Houston, Texas; 2University Of Pittsburg Medical Center, Pittsburgh, Pennsylvania; 3The University Of Minnesota, Minneapolis, MN; 4University Of Alabama, Birmingham, Alabama; 5University Of Texas Southwestern Medical Center, Dallas, Texas
3.1. Management Of Maxillofacial Fractures: A 6-Year Institutional Review To Identify Clinical Predictors Of Complication And Revision J. Hill, K. W. Sexton, J. L. Best, M. A. Mueller, W. P. Thayer, O. D. Guillamondegiu1, K. J. Kelly1, R. Shack1; *Vanderbilt University Medical Center, Nashville, TN; 2New York University School Of Medicine, New York, NY

3.2. Development Of A Risk Assessment Model For Post-operative Abscess Development After Pediatric Appendectomy D. LaKam1, P. Horsley1, S. C. Burronrappa1; *Maimonides Medical Center, Brooklyn, NY

3.3. Geriatric Small Bowel Obstruction: An Analysis Of Treatment And Outcomes Compared To A Younger Cohort W. R. Krause1, T. Webb1; *Medical College Of Wisconsin, Milwaukee, WI

3.4. Hernia Complexity Predicts Operative Time And Length Of Stay In Laparoscopic Ventral Hernia Repairs A. R. Butler1, M. J. Frellich1, J. C. Gould1, M. I. Goldblatt1; *Medical College Of Wisconsin, Milwaukee, WI

3.5. Impact Of Patient Characteristics And Perioperative Factors On Readmission After General Surgery B. M. Kohlhofer1, S. E. Tevis1, L. E. Glin1, G. D. Kennedy1; *University Of Wisconsin School Of Medicine And Public Health, Madison, WI; 2University Of Wisconsin Department Of Surgery, Madison, WI

3.6. Predictive Factors Of Splenic Injury In Antireflux Surgery A. Shahigaram1, L. Smith1, P. Pallati1, A. Simrov1, A. Meyer1, J. Meza1, D. Oleynikov1; *University Of Nebraska Medical Center, Omaha, NE; 2College Of Public Health, Omaha, NE

3.7. The Incidence And The Factors Related To The Early Discontinuation Of Postoperative Hormone Therapy K. Taketani1, E. Tokunaga1, N. Yamashita1, H. Saeki1, E. Oki1, M. Morita1, Y. Mena-hara1; *Department Of Surgery And Science, Graduate School Of Medical Sciences, Kyushu University, Fukuoka, Fukuoka

3.8. Identification Of Common Risk Factors For Wound Healing Complications And Recurrence After 163 Ventral Incisional Hernia Repairs M. Vigiola Cruz1, A. H. Boyarsky1, H. C. Hsiu1; *UMDNJ - Robert Wood Johnson Medical School, Piscataway, NJ

3.9. Risk Factors And Outcomes Of Emergency Primary Ventral Hernia Repair L. T. Li1, N. S. Becker1, R. L. Berger2, M. L. Clapp2, C. K. Chu1, J. A. Davis1, S. C. Hicks1, D. H. Berger1, S. S. Awad1, M. K. Liang1,2; *Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX; 2Operative Care Line, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX; 3Department Of Statistics, Rice University, Houston, TX

3.10. Perceived Quality Improvements Using Daily Allocation Of Surgical Residents To The Operating Room And Outpatient Clinics P. Leung1, P. Patcha1, A. Sanni1; *Kings County Hospital Center, Brooklyn, NY

3.11. Metabolic Syndrome Is Associated With Restenosis After Carotid Endarterectomy W. T. Williams1,2, C. D. Protack2, R. Assi1,2, M. R. Hall1,2, P. Vasillias1, A. Dardik1,2; *Yale University Department Of Surgery, New Haven, CT; 2VA Connecticut Healthcare System, West Haven, CT

3.12. Conservative Selection Criteria Generates Favorable Outcome In EVAR: A Mid-Term Analysis M. R. Maness1, B. A. Ehrett1, M. B. Burruss1, T. W. Capps1, C. S. Powell1, W. M. Bogey1, F. M. Parker1, M. C. Stoner1; *East Carolina University Brody School Of Medicine, Greenville, NC

3.13. Chronic Kidney Disease Predicts Long Term Mortality After Major Lower Extremity Amputation R. Assi1,2, C. D. Protack1,2, W. T. Williams1,2, M. R. Hall1,2, P. Vasillias1, A. Dardik1,2; *Department Of Surgery, Yale University, New Haven, CT; 2Department Of Surgery, VA Connecticut Healthcare System, West Haven, CT

3.14. Metabolic Syndrome Is Associated With Type 2 Endoleak After Endovascular Aneurysm Repair M. R. Hall1,2, C. D. Protack1,2, R. Assi1,2, W. T. Williams1,2, P. Vasillias1, B. E. Munio1,2, A. Dardik1,2; *Department Of Surgery, Yale University School Of Medicine, New Haven, CT; 2VA Connecticut Healthcare System, Department Of Surgery, West Haven, CT

3.15. Disparities In Trauma: The Impact Of Socioeconomic Factors On Outcomes Following Traumatic Hollow Viscus Injury M. R. Hazlitt1, J. B. Hill1, O. L. Gunter1, O. D. Guillamondegiu1; *Vanderbilt University Medical Center, Nashville, TN; 2Meharry Medical College, Nashville, TN

3.16. Nobody Flies For Free: An Evaluation Of Trauma Outcomes Related To Insurance Status In Patients Requiring Pre-hospital Helicopter Transport L. A. Gurien1, D. J. Chesire1, S. L. Koonce1, J. B. Burns1; *University Of Florida College Of Medicine Jacksonville, Jacksonville, FL; 2Mayo Clinic - Florida, Jacksonville, FL

3.17. Does Money Matter? The Relationship Between Household Income And Outcomes After Trauma B. C. Branco1, M. Mobily1, P. Rhee1, J. Wynne1, F. S. Randall1, N. Kulvatunyou1, B. Joseph1, A. L. Tang1, T. O’Keeffe1; *University Of Arizona: College Of Medicine, Tucson, AZ

3.18. Should The Criteria For Parathyroidectomy In Women Of Childbearing Age Be More Liberal? A 35-year Experience With Primary Hyperparathyroidism During Pregnancy R. H. Grogan1, I. Mamhoud2, P. Angelos1, E. L. Kaplan1; *University Of Chicago, Department Of Surgery, Endocrine Surgery Research Program, Chicago, IL; 2University Of Chicago Department Of Obstetrics And Gynecology, Chicago, IL

3.19. Prevalence And Determinants Of Depression And Anxiety Disorders In Surgical Patients Z. Khorgami1, M. Aghajani1, E. Sahimi-Izadian1, N. Hosseini Araghi1, M. Sianpanah1, S. Shoar1; *Tehran University Of Medical Sciences, Tehran, Tehran

3.20. Prognostic Impact Of Sentinel Lymph Node Biopsy In Patients With Thick (74 Mm) Melanoma D. M. Irizarry1, M. J. Mastrangelo1, K. Feeney1, C. J. Kairys1, A. C. Berger1; *Thomas Jefferson University Medical College, Philadelphia, PA; 2Thomas Jefferson University Medical College, Philadelphia, PA
TUESDAY

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SCIENTIFIC PROGRAM
Tuesday, February 5, 2013

EDUCATION 1: SURGICAL EDUCATION: TARGETING THE RESIDENT LEARNER

Moderators: Juan David Hernandez Restrepo, MD, Rishindra M. Reddy, MD & Ranjan Sudan, MD


4.2. Assessment Of Current Handoff Practices And Development Of A Standardized Resident Handoff: PACT Project N. M. Tapia, S. D. Fallon, M. L. Brandt, J. Suilburk; "Baylor College Of Medicine, Houston, TX

4.3. Educating Surgical Residents In Palliative Care Communication Through Family Meetings And Use Of Structured Debriefings L. S. Tyrie, D. H. Livingston, S. Lamba, A. C. Mosenthal; "UMDNJ-New Jersey Medical School, Newark, NJ; "UMDNJ-New Jersey Medical School, Newark, NJ

4.4. Comparative Effectiveness Of Virtual Reality Versus Box Trainer Simulators For Laparoscopic Surgery Training: A Systematic Review & Meta-Analysis B. R. Brydges, S. J. Hamstra, M. B. Janjua, T. Hentges, S. B. Holsten; "1Georgia Health Sciences University, Augusta, GA; "2University Of Florida College Of Medicine, Jacksonville, Jacksonville, Florida

4.5. Epic Wars: Simulation Laboratory Based Electronic Medical Record Training leverages Resident Peer Cross Training To Define Knowledge Deficits For Focused Preemptive Training E. L. Lambert, P. Pieper, M. S. Nussbaum, J. J. Tepas; "1University Of Florida College Of Medicine Jacksonville, Jacksonville, Florida

4.6. 8-Minute Suture Skills Test Predicts Clinical Technical Performance In Advanced Trainees T. A. Aloia, M. H. Katz, N. D. Perrier, J. E. Lee, J. B. Fleming; "1MD Anderson Cancer Center, Houston, Texas

4.7. Resident Bedside-Procedure Competency And Efficiency Identification By Intensive Care Nursing Staff: A Preliminary Study V. K. Bhalla, A. Bolduc, F. Lewis, C. Hogan, M. Park, C. Laserna, J. Edmunds, T. Hentges, S. B. Holsten; "Georgia Health Sciences University, Augusta, GA

4.8. Comprehensive Assessment Of Resident Performance In The Operating Room C. E. Granter, R. J. McDonald, S. E. Peyre, A. B. Smith, J. A. Greenberg, G. E. Levenson, C. M. Pugh, C. C. Greenberg, E. F. Foley; "University Of Wisconsin - Madison, Madison, WI; "University Of Rochester Medical Center, Rochester, NY

4.9. Surgery Residents Predicting Their ABSITE Score: How Accurate Are They? L. Simpson-Camp, E. A. Meister, S. M. Kavic; "Hendrick Medical Center, Abilene, TX; "University Of Maryland School Of Medicine, Baltimore, MD; "University Of Arizona: College Of Medicine, Tucson, AZ

4.10. Residents As Teachers: Can We Make A Lesson Plan? K. Barrera, M. Klein, V. Lai, E. Miao, C. Turner, A. Sanni; "SUNY - Downstate Medical Center, Brooklyn, NY; "Kings County Hospital Center, Brooklyn, NY

4.11. Surgical Resident Learning Styles: Faculty And Resident Accuracy At Identification Of Preferences And Impact On ABSITE Scores R. H. Kim, T. Gilbert, K. Ristig, B. D. Liu, Q. D. Chu; "Louisiana State University Health Sciences Center-Shreveport And Feist-Weiller Cancer Center, Shreveport, LA; "2Centenary College Of Louisiana, Shreveport, LA


4.14. Laparoscopic Simulation Training: Resident Survey S. Shetty, B. Zevin, T. P. Grancharov, R. L. Bell, K. E. Roberts, A. J. Duffy; "1Saint Mary's Hospital, Waterbury, CT; "2Yale University School Of Medicine, New Haven, CT; "University Of Toronto, Toronto, Ontario

4.15. Needs Assessment Of General Surgery Residents On How To Best Prepare Them For Complex Lung Resections With Minimal Prior Exposure E. L. Hayden, R. M. Reddy, F. J. Seagull; "University Of Michigan Medical School, Ann Arbor, MI; "University Of Michigan Department Of Surgery, Section Of Thoracic Surgery, Ann Arbor, MI; "University Of Michigan Medical School Department Of Medical Education, Ann Arbor, MI

4.16. An Improved Hemicolectomy Technique M. B. Janjua, D. C. Crafts, F. E. Johnson; "Saint Louis University Medical Center, St Louis, MO; "Veterans Affairs Medical Center, St. Louis, MO

4.17. Demographic Predictors Of Residency Program Performance On The American Osteopathic Board Of Surgery In-Training Examination J. L. Falcone, M. E. Rosen; "University Of Pittsburgh Medical Center, Pittsburgh, PA; "American College Of Osteopathic Surgeons, Alexandria, VA

5.1. Identifying Important Risk Factors For Surgical Site Infection In Patients Undergoing Component Separation Ventral Hernia Repair Through Innovative Analytic Morphometric Assessment And Body Composition B. Levi1, J. Lisiecki2, P. Zhang1, J. Rinkinen1, J. H. Kozlow1, W. M. Kuzon1, S. C. Wang1 ; 1University Of Michigan, Ann Arbor, Michigan

5.2. Automatic Nerve Stimulation Monitor Application During Thyroid Surgery M. A. Trahan1, S. I. Noureldine1, R. A. Abdelghani1, E. Kandil1 ; 1Tulane University School Of Medicine, Department Of Surgery, New Orleans, LA

5.3. Is Robotic Hemithyroidectomy Superior To Its Conventional Counterpart? R. A. Abdelghani1, S. I. Noureldine1, J. Buell1, A. Abbas2, E. Kandil1 ; 1Tulane University School Of Medicine, Department Of Surgery, New Orleans, LA; 2Tulane University School Of Public Health And Tropical Medicine, New Orleans, LA

5.4. Combined Endoscopic And Laparoscopic Surgery (CELS) May Be An Alternative To Bowel Resection For The Management Of Colon Polyps Not Removable By Standard Colonoscopy M. K. Lee1, F. Chen1, E. Esraillian2, M. Russell1, J. Sack1, A. Y. Lin1, J. Yoo1 ; 1UCLA Department Of Surgery, Los Angeles, CA; 2UCLA Department Of Medicine, Los Angeles, CA

5.5. Practitioners’ Perceptions Of The Decision Support For Safer Surgery Tool (DS3): Implications For Integration Into Surgical Care Settings W. E. Norton1, P. W. Hosokawa3, W. G. Henderson2, E. T. Volckmann2, J. Pelt1, M. G. Tomeh1, R. E. Glasgow1, S. Min1, L. A. Neumayer2, M. T. Hawn1 ; 1University Of Alabama At Birmingham, Birmingham , Alabama; 2University Of Utah , Salt Lake City, Utah; 3University Of Colorado Denver, Aurora, Colorado; 4QCMatrix, Inc. , Waltham, MA

5.6. Creating A Biologist-Oriented Interface And Code Generation System For A Computational Modeling Assistant J. M. Matthews1, S. Chrsitliey1, J. C. Alverdy2, G. Ar2 ; 1Massachusetts Institute Of Technology, Cambridge, MA; 2University Of Chicago Pritzker School Of Medicine, Chicago, IL

5.7. Evaluation Of Partial Face Transplant Perfusion Using Near-Infrared Fluorescence Imaging: Are Both Vascular Pedicles Necessary? J. T. Nguyen1, Y. Ashitate1, A. Stockdale1, S. Gioux1, J. V. Frangioli1, B. T. Lee1 ; 1Beth Israel Deaconess Medical Center - Harvard Medical School , Boston , MA

5.8. Intraoperative Near-infrared Fluorescence Imaging Systems For Evaluation Of Thrombosis In Microsurgery J. T. Nguyen1, Y. Ashitate1, A. Stockdale1, S. Gioux1, J. V. Frangioli1, B. T. Lee1 ; 1Beth Israel Deaconess Medical Center - Harvard Medical School , Boston , MA

5.9. Characterization Of Inflammatory And Stem Cell Recruitment Into A Novel Fetal Acellular Collagen Matrix To Facilitate Tissue Regeneration R. C. Rennert1, M. Sorkin1, R. K. Garg1, M. Januszky1, G. C. Gurtner1 ; 1Stanford University Department Of Surgery Division Of Plastic Surgery, Stanford, CA

5.10. Amniotic Fluid Derived Mesenchymal Stromal Cells: Characterization And Logistics Of Clinical Grade Cell Production R. A. Hetz1,2,4, F. Triolo1, S. D. Olson1, P. Smith1, M. Day1, A. Johnson2, K. J. Moise2, C. S. Cox1,2,3 ; 1Ut Health Department Of Pediatric Surgery, Houston, TX; 2Ut Health Department Of Surgery, Houston, TX; 3Ut Health Department Of Obstetrics And Gynecology, Houston, TX; 4The Senator Lloyd And B.A. Bentsen Center For Stroke Research At The Brown Foundation Institute Of Molecular Medicine, Houston, TX; 5The Michael E DeBakey Institute For Comparative Cardiovascular Science And Biomedical Devices3, College Station, TX

5.11. Irreversible Electroporation Facilitates Gene Transfer Of A GM-CSF Plasmid With A Local And Systemic Response J. T. Au1, A. Mittra1, T. Song1, M. Cavnar1, K. Jun1, J. Carson1, S. Monette1, P. Ezell1, J. Wolchok1, Y. Fong1 ; 1Memorial Sloan-Kettering Cancer Center, New York, NY
6.1 Pathologic Effects Of Hepatocyte Growth Factor, Hepatocyte Growth Factor Activator, And Arginine In A Pilot Rodent Model Of Inflammatory Bowel Disease N. P. Zwintscher1, S. K. Salgar1, C. R. Newton1,2, S. R. Steele1; 1Madigan Army Medical Center, Tacoma, WA; 2Children’s Hospital And Research Center Oakland, Oakland, CA

6.2 Stimulation Of Intestinal Function Using A DPP-IV Inhibitor In Short Bowel Syndrome Mouse Model R. Sueyoshi1, K. Ignatovsky1, M. Okawada1,2, D. H. Teitelbaum1; 1University Of Michigan, Ann Arbor, MI

6.3 Zinc Deficiency In Pre-Operative Complex Hernia Patients Reflects Inflammatory State And Renal Dysfunction A. K. Geletzke1, B. E. Phillips1, M. Kaag1, J. Miller1, S. Mobbly1, S. Kelleher1, D. I. Soybel1; 1Departments Of Surgery And Cellular And Molecular Physiology, Penn State Hershey College Of Medicine, Hershey, PA; 2Penn State University College Of Health And Human Development, University Park, PA

6.4 Glucagon-Like Peptide 2 Increases Efficacy Of Distraction Enterogenesis S. Ryo1, M. W. Ralls1, Y. Feng1, D. H. Teitelbaum1; 1University Of Michigan Department Of Surgery, Ann Arbor, Michigan

6.5 A Histone Deacetylase Inhibitor That Reduces Intraabdominal Adhesions Modulates Hypoxia Inducible Factor (HIF) Effects On Vascular Endothelial Growth Factor (VEGF) And Thrombomodulin In Cultured Human Mesothelial Cells C. Gruver1, S. J. Heydrick1, M. Cassidy2, A. Stucchi1; 1Boston University School Of Medicine, Boston, MA; 2Boston University Medical Center, Boston, MA

6.6 Investigation Of The Dynamics Of Extracellular Matrix Depression And Remodeling In Intestinal Anastomotic Wound Healing Using Agent-based Modeling I. Nora1, J. C. Alveryd1, G. An1; 1Rollins College, Winter Park, FL; 2University Of Chicago Pritzker School Of Medicine, Chicago, IL

6.7 The Interaction Of Hypoxic Signaling And Proinflammatory Cytokines Regulate Genes Associated With Intraabdominal Adhesion Formation In Human Mesothelial Cells B. M. Currie1, S. J. Heydrick1, B. J. Keenan1, A. F. Stucchi1; 1Boston University School Of Medicine, Boston, MA

6.8 The Combined Intraoperative Administration Of A Histone Deacetylase Inhibitor And A Neurokinin-1 Receptor Antagonist That Dramatically Reduces Postoperative Adhesions Downregulates Fibrin Pathways and Vascular Permeability M. R. Cassidy1, A. C. Sherburne1, A. F. Stucchi1; 1Boston University Medical Center, Boston, MA

6.9 Alteration In The Intestinal Microbiome Of TPN Mice Drives A Pro-inflammatory State M. W. Ralls1, Y. Feng1, P. J. Brown1, D. H. Teitelbaum1; 1University Of Michigan Department Of Surgery, Ann Arbor, Michigan

6.10 Attenuating The Inflammatory Changes Of Type 2 Diabetes With Whole Body Vibration In A Murine Model M. Masoumy1, J. C. Yu1, K. H. Wengern1,2, J. Y. Liu1, S. T. Heiel1, B. Baban1, M. S. Mozaffari1; 1Georgia Health Sciences University, Augusta, GA; 2Georgia Health Sciences University, Augusta, GA; 3Georgia Health Sciences University, Augusta, GA; 4Independent PhD Consultant, Martinez, GA

6.11 Actin Cytoskeleton And Tight Junctions Are In Control Of Gut Epithelial Cell Response To Human Breast Milk V. A. Poroyko1, T. Mirzapoiyazova1, D. Liu1, P. A. Singleton1; 1University Of Chicago Medical Center, Department Of Surgery, Chicago, IL; 2University Of Chicago, Department Of Medicine, Chicago, IL

6.12 Roux-Limb Length Does Not Correlate With The Degree Of Improvement In Dyslipidemia After Gastric Bypass D. Y. Lee1, H. Guend1, K. Park2, S. Alcantara2, M. Reid2, J. Fisch2, J. Teixeira2; 1St. Luke’s Roosevelt Hospital Center, New York, NY

6.13 The Incidence Of Cholecystectomy After Sleeve Gastrectomy Versus Gastric Bypass. V. B. Tarline1, R. C. Phillips2, Z. M. Keliani3, T. S. Kuwada4, K. Gersini5, D. Stefanidis6; 1Northwestern University Feinberg School Of Medicine, Lake Forest, IL; 2Carolina’s Medical Center, Charlotte, NC

6.14 Alvimopan (Entereg) Use In Laparoscopic Roux-en-Y Gastric Bypass Does Not Improve Clinical Outcomes S. Qureshi1, A. A. Taitano1, P. Y. Parikh1, T. P. Singh1, B. B. Binetti1, P. Eichhorn1, A. Baghai-Kermani1; 1Albany Medical Center, Albany, NY

6.15 Are Patients Able To Meet Their Short-Term Weight Loss Expectations Following Laparoscopic Adjustable Gastric Banding? E. Changchien1, S. S. Kukreja1; 1Mount Sinai Hospital, Chicago, IL

6.16 The Effects Of Weight Reduction Surgery On The Abdominal Wall Wound Healing Process. C. N. Cires1, D. M. Krpata1, Y. Gao2, E. Sadava1, Y. W. Novitsky1, M. J. Rosen1; 1University Hospitals Case Medical Center, Cleveland, Ohio

6.17 Predicting The Need For Cholecystectomy After Roux-en-Y Gastric Bypass: A Case-Control Study A. A. Taitano1, P. Y. Parikh1, T. P. Singh1; 1Albany Medical Center, Albany, NY

6.18 Volumetric Fat Ratio And Not Body Mass Index Is Predictive Of Ileocolic Excision Outcomes In Crohn’s Disease Patients T. M. Connelly1, R. Sehgal1, R. F. Tappouni1, F. E. Luke2, S. Deiling1, W. A. Koltun1, E. Messaris1; 1Division Of Colon & Rectal Surgery, Hershey, PA; 2Division Of Radiology, Hershey, PA

6.19 Selective Vagal Deafferentation Leads To Improvement In Insulin Response And GLP-1 Secretion T. E. Deelman1,2, H. Y. Bhutta1,2, A. Tavakkoli1,2; 1Brigham & Women’s Hospital, Boston, MA; 2Harvard Medical School, Boston, MA
7.1. Resurrection Or Death Following Percutaneous Cholecystostomy – A Single Institution’s Experience
B. D. Carr1, S. D. Kachare1,2, D. J. Suttle1, E. E. Zervos1,2 ; 1East Carolina University Brody School Of Medicine, Greenville, NC; 2Vidant Medical Center, Greenville, NC

7.2. Survival Analysis Of Cytoreductive Surgery And Hyperthermic Intrapерitoneal Chemotherapy In Advanced Gastric Cancer
C. Ambe1, Y. Zhu1, C. Boutros1, N. Hanna1 ; 1University Of Maryland School Of Medicine, Baltimore, MD

7.3. Surgeon-Performed Intraoperative Upper Endoscopy: A Useful Adjunct During Laparoscopic Foregut Surgery
J. P. Pearl1 ; 1University Of Maryland School Of Medicine, Baltimore, MD

7.4. Adjunctive Ketamine Hydrochloride Use In Patients With Chronic Pain Undergoing Foregut Surgery May Reduce The Length Of Stay
S. Yousuf1, Y. Nikitina1, I. Eriatov1, K. Oaswalt1, T. Beacham1, A. Prem1, W. Keahy1, A. Kedar1, M. Isani1, A. F. Williams1, C. J. Lahr1, T. L. Abell1 ; 1University Of Mississippi Medical Center-Dept. Of Medicine, Digestive Diseases, Jackson, MS; 2University Of Mississippi Medical Center-Dept. Of Anesthesiology, Jackson, MS; 3University Of Mississippi Medical Center-Dept. Of Surgery, Jackson, MS

7.5. Laparoscopic Heller Myotomy For Achalasia In The Elderly: Shifting The Treatment Paradigm?
M. J. Pucci1, A. M. Wolf2, A. Brown1, M. Hearn1, K. A. Chojnacki1, E. L. Rosato1, F. Palazzo1 ; 1Thomas Jefferson University Hospital, Philadelphia, PA; 2Spectrum Health Medical Group, Grand Rapids, Michigan

7.6. Does Hypertriglyceridemia Cause More Virulent Acute Pancreatitis?
R. A. Fillenwarth1, B. J. Rejowski1, H. A. Pitt1, G. A. Cote1, N. J. Zyromski2 ; 1Indiana University School Of Medicine, Indianapolis, IN; 2Indiana University School Of Medicine-Department Of Surgery, Indianapolis, IN; 3Indiana University School Of Medicine-Department Of Medicine, Indianapolis, IN

7.7. The Impact Of Age And Comorbidity On Outcomes Following Elective Laparoscopic Antireflux Surgery: An Analysis Of National Trends From 2005-2010
L. M. Funk1, W. Melvin1, K. A. Perry1 ; 1The Ohio State University Wexner Medical Center, Columbus, OH

7.8. The Influence Of Age And Other Clinical Factors On Disease Severity, Treatment And Outcomes Of Acute Appendicitis: A United States Population Based Outcomes Study Involving 485,203 Patients
S. Patil1, R. S. Chamberlain1,2,3 ; 1Department Of Surgery, Saint Barnabas Medical Center, Livingston, NJ; 2Department Of Surgery, University Of Medicine And Dentistry Of New Jersey, Newark, NJ; 3Saint George’s University School Of Medicine, University Centre, West Indies

7.9. Very Low Reoperation Rate For Laparoscopic Nissen Fundoplication: A University HealthSystem Consortium Analysis
A. Simorov1, E. C. Boilesen1, V. K. Shostrom1, D. Oleynikov1 ; 1University Of Nebraska Medical Center, Omaha, NE

7.10. Sensitivity Of ERCP Standard Cytology: 10 Year Review Of The Literature
R. J. Chokski1 ; 1New Jersey Medical School, Newark, NJ

7.11. Intraoperative Pancreatoscopy: A Valuable Tool For Pancreatic Surgeons
M. J. Pucci1, C. Johnson1, K. Lopez1, J. M. Winer1, H. Lavu1, C. J. Yeo1 ; 1Thomas Jefferson University Hospital, Philadelphia, PA

7.12. Does Hypertriglyceridemia Cause More Virulent Acute Pancreatitis?
R. A. Fillenwarth1, B. J. Rejowski1, H. A. Pitt1, G. A. Cote1, N. J. Zyromski2 ; 1Indiana University School Of Medicine, Indianapolis, IN; 2Indiana University School Of Medicine-Department Of Surgery, Indianapolis, IN; 3Indiana University School Of Medicine-Department Of Medicine, Indianapolis, IN

7.13. Value Of Abdominal Computed Tomography In Gallstone Pancreatitis
E. W. Shi1, C. M. Divino1 ; 1The Mount Sinai School Of Medicine, New York, NY

A. M. Wolf2, M. J. Pucci1, J. M. Winter1, S. D. Gabale1, E. P. Kennedy1, E. L. Rosato1, H. Lavu1, C. J. Yeo1 ; 1Thomas Jefferson University Hospital, Philadelphia, PA; 2Spectrum Health Medical Group, Grand Rapids, MI

7.15. Outcomes And Complications Associated With Hernia Repair In Patients With Inflammatory Bowel Disease
J. E. Hrabe1, H. S. Chong1, J. J. Mezhir1, M. R. Kapadia1 ; 1University Of Iowa Carver College Of Medicine, Iowa City, IA

7.16. Intentional Foreign Object Ingestions: Determining Factors Associated With Hospital Admission, Therapeutic Endoscopy, And Surgery
P. P. Dala1, A. J. Otey2, E. A. McGonagle4, M. L. Whitmill4, A. C. Thomas1, C. H. Cook1, T. J. Papadimos2, T. E. Reiley2, S. D. Bergese1, S. M. Steinberg1, S. P. Stawicki1, D. C. Evans2 ; 1Department Of Surgery, The Ohio State University, Columbus, OH; 2Department Of Anesthesiology, The Ohio State University, Columbus, OH

7.17. A Five Year Follow-up Of Ventral Hernia Repair: Suture Versus Tack Fixation
M. Garg1, A. Stey1, M. Danzig1, S. Qiu1, S. Yin1, C. M. Divino1 ; 1The Mount Sinai School Of Medicine, New York, NY

7.18. Development Of An Animal Model To Investigate Optimal Laparoscopic Trocar Site Fascial Closure
H. Nanda Kumar1, K. A. Hrabe1, A. A. Ayon2, J. C. Phan2, A. Prem2, W. Keahy2, A. Kedar1, M. Isani1, A. F. Williams1, C. J. Lahr1, T. L. Abell1 ; 1University Of Maryland School Of Medicine, Baltimore, MD; 2Department Of Anesthesiology, The Ohio State University, Columbus, OH; 3Department Of Surgery, The Ohio State University, Columbus, OH; 4Department Of Medicine, Indianapolis, IN

L. M. Funk1, W. Melvin1, K. A. Perry1 ; 1The Ohio State University Wexner Medical Center, Columbus, OH
SCIENTIFIC PROGRAM

TUESDAY, February 5, 2013

ONCOLOGY 1: HEPATOBILIARY/COLORECTAL

CHAMBER 1

Moderators: Muneeza R. Kapadia, MD & Hong J. Kim, MD

8.1. Mitochondria-Tarted Antioxidant and Glycolysis Inhibition/Synergic Therapy in Hepatocellular Carcinoma A. Dilip1, G. Cheng1, J. Joseph1, B. Kalyanaraman1, T. C. Gambin1; ‘Medical College Of Wisconsin , Milwaukee, WI

8.2. The Sphingosine-1-phosphate Receptor Modulator, FTY720, Synergizes With 5-FU To Inhibit Growth Of Human Colon Cancer Cells T. Aoyagi1,2, A. Yamada1,2, M. Nagahashi1,2, B. J. Adams1,2, S. Milstien3, S. Spiegel4, K. Takabe2,3; ‘Department Of Surgery, Division Of Surgical Oncology, Virginia Commonwealth University School Of Medicine, Richmond, VA; ‘Department Of Biochemistry & Molecular Biology, Virginia Commonwealth University School Of Medicine, Richmond, Virginia

8.3. Aggressive Surgical Management Of Gallbladder Cancer: At What Cost? L. X. Jin1, S. C. Pitt1, B. L. Hall1, H. A. Pitt1; ‘Washington University In St Louis - Dept. Of Surgery, St Louis, MO; ‘Indiana University School Of Medicine-Department Of Surgery, Indianapolis, IN

8.4. Role Of P53, Bax, P21, And DNA PKcs In Radiation Sensitivity Of HCT-116 Cells S. Huerta1,2, X. Gao1, S. P. Dineen1,2, P. Kapur1, D. Saha1, J. Meyer1; ‘University Of Texas Southwestern Medical Center, Dallas, TX; ‘VA North Texas Health Care System, Dallas, TX

8.5. Post-Treatment Surveillance Of Patients With Colorectal Liver Metastases: Does Intensity Of Follow-up Imaging Impact Outcomes O. Hyder1, M. Weiss1, C. Wolfgang1, K. Hirose1, M. Choti1, T. M. Pawlik1; ‘Johns Hopkins University School Of Medicine, Baltimore, 21207

8.6. Examining Rural-Urban Disparities In The Use Of Neoadjuvant Therapy For Rectal Cancer A. W. Chae1, S. R. Martinez2; ‘University Of California Davis Medical Center, Sacramento, CA; ‘University Of California At Davis Comprehensive Cancer Center, Sacramento, CA

8.7. An Evaluation Of Patients With Inflammatory Bowel Disease Who Develop Colorectal Cancer J. E. Hrabe1, M. R. Kapadia1, G. K. Zamb1, J. C. Byrn1, J. J. Meziri1; ‘University Of Iowa Carver College Of Medicine, Iowa City, IA

8.8. Liver And Pancreatic Major Resections Do Not Require Routine Post-operative Intensive Care Unit Stay I. Koler1, N. Zeinomar2, A. Nigam3; ‘Albany Medical Center, Albany, NY; ‘University At Albany, SUNY, Rensselaer, NY

8.9. Surgical Treatment Of Abdominal Hemorrhage After Hepatectomy In 77 Patients With Primary Liver Cancer A. Li1; ‘Eastern Hepatobiliary Surgery Hospital, Shanghai, Shanghai

8.10. The Need For Transitional Care Following Colorectal Cancer Surgery Is Driven By Increasing Age G. M. Barden1, L. T. Li1, S. T. Orcutt1, C. J. Balentine1, A. D. Naik1, A. Artinyan2, N. J. Petersen1, S. Sansgiry1, D. Albo1, S. S. Awad4, D. H. Berger1, D. A. Anaya1; ‘Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX; ‘Houston, TX; ‘Margaret M. And Albert B. Alkek Department Of Medicine, Baylor College Of Medicine, Houston, TX; ‘Houston Veterans Affairs Health Services Research And Development Center Of Excellence, Houston, TX, Houston, TX; ‘Operative Care Line, Michael E. DeBakey VA Medical Center, Houston, TX, Houston, TX

8.11. Predictors Of Surgical Resection And Survival In Hepatoblastoma: A Population-Based Examination H. F. Schoellhammer1, J. Kim1, R. Nelson1, G. Singh1, S. L. Chen1; ‘City Of Hope National Medical Center, Duarte, CA

8.12. Resection For Hepatocellular Carcinoma In Centrally Located Tumors A. Li1; ‘Eastern Hepatobiliary Surgery Hospital, The Second Military Medical University, Shanghai, Shanghai

8.13. Resection Versus Laparoscopic Radiofrequency Thermal Ablation Of Small Solitary Colorectal Liver Metastasis S. Aliev1, O. Agcaoglu1, H. E. Taskin1, E. Aksoy1, D. Vogt1, J. Fung1, A. Sip-erstein1, E. Berber1; ‘Department Of General Surgery, Cleveland Clinic, Cleveland, Ohio

8.14. Colorectal Cancer Liver Metastases Form Tumors And Spheres With Markers Of Cancer Stemness D. E. Sanford1, B. D. Goetz1, A. Giorgi1, P. Goedegebure1, S. M. Strasberg1, W. G. Hawkins1, D. C. Linehan1, R. C. Fields1; ‘Washington University In St Louis - Dept. Of Surgery, St. Louis, Missouri

8.15. Incorporation Of Randomized Surgical Clinical Trial Results Into Clinical Practice Guidelines R. W. Krell1, S. L. Wong1; ‘University Of Michigan Department Of Surgery, Ann Arbor, MI

8.16. A Comparison Of Laparoscopic Versus Open Techniques For Major And Minor Liver Resections S. Aliev1, K. Karabulut1, F. Aucejo1, H. E. Taskin1, E. Aksoy1, D. Vogt1, C. Quintini1, C. Miller1, J. Fung1, E. Berber1; ‘Cleveland Clinic, Cleveland, OH

8.17. The Impact Of Patient-Physician Relationships On The Quality Of Colorectal Cancer Care A. M. Morris1, C. Gamble1, S. T. Hawley1, J. J. Griggs2, P. Abrahamse1, K. Ward1, I. Kato3; ‘University Of Michigan, Ann Arbor, MI; ‘Emory University , Atlanta, GA; ‘Wayne State University , Detroit, MI

8.18. Proximal Or Distal Resection Margin Of Less That 2.0 Cm In Patients With Colon Or Rectal Cancer Is Strongly Associated With Early Local Recurrence B. S. Zangeneh1, V. N. Nfonsam1; ‘University Of Arizona: College Of Medicine Department Of Surgery, Tucson, AZ

8.19. Outcomes After Endoscopic Or Surgical Resection Of Non-Appendiceal Colonic Carcinoids S. E. Murray1, R. S. Sippel1, R. Lloyd1, H. Chen1; ‘University Of Wisconsin - Madison Department Of Surgery , Madison, WI; ‘University Of Wisconsin - Madison, Madison, WI

8.20. Sphincter Preserving Surgery For Rectal Cancer In Urban And Rural Areas: A Population-Based Comparison A. W. Chae1, S. R. Martinez2; ‘University Of California Davis Medical Center, Sacramento, CA; ‘University Of California At Davis Comprehensive Cancer Center, Sacramento, CA
SCIENTIFIC PROGRAM Tuesday, February 5, 2013

ONCOLOGY 2: PANCREAS

Moderators: Robert J. Canter, MD & John C. Mansour, MD

9.1. Characterization Of The Pancreatic Adenocarcinoma Transcription By RNA Sequencing I. H. Wei¹, S. Kalyana-Sundaram², C. Grassos², D. Robinson³, D. M. Simeone¹, A. M. Chinnaiyan¹, C. Kumar-Sinha¹; ¹University Of Michigan Department Of Surgery, Ann Arbor, MI; ²Michigan Center For Translational Pathology, Ann Arbor, MI; ³University Of Michigan Department Of Environmental Biotechnology, Tiruchirappalli, Tamil Nadu; ¹University Of Michigan Comprehensive Cancer Center, Ann Arbor, MI; ²University Of Michigan Molecular And Integrative Physiology, Ann Arbor, MI; ³University Of Michigan Department Of Urology, Ann Arbor, MI; ²Howard Hughes Medical Institute, Ann Arbor, MI

9.2. Autophagy Activity And SMAD4 Status In Patients With Primary Resectable Pancreatic Adenocarcinoma. A. Li¹, M. S. Zenati¹, A. M. Kransinsk¹, J. Steve², M. T. Lotze³, H. J. Zeh¹; ¹University Of Pittsburgh School Of Medicine, Pittsburgh, PA; ²Pittsburgh, PA; ³University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA; ¹University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA

9.3. Minority Report: Use Of The Da Vinci Robot To Remove Intraductal Papillary Mucinous Neoplasia: Should The Duct Versus The Tumor Be The Goal? M. E. Hogg¹, M. Daouadi¹, B. A. Boone¹, M. S. Zenati¹, H. A. Choudry¹, K. K. Lee¹, A. Tsung¹, A. J. Moser¹, D. L. Bartlett¹, H. J. Zeh¹, A. H. Zureikat¹; ¹University Of Pittsburgh Medical Center, Pittsburgh, PA; ²Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA

9.4. Management Of Primary Hepatopancreatobiliary Small Cell Carcinoma R. T. Groeschl¹, K. K. Christians¹, K. K. Turaga¹, T. Gamblin¹; ¹Medical College Of Wisconsin, Milwaukee, WI

9.5. Intraductal Papillary Mucinous Neoplasia: Should The Duct Of Origin Alter Management? J. K. Plichta¹, Z. Fridrici¹, A. S. Godambe², S. Yong³, M. Shoup¹, G. Abood¹, G. V. Aranha¹; ¹Department Of Surgery, Mayo, IL; ²Stritch School Of Medicine, Mayo, IL; ³Department Of Pathology, Mayo, IL

9.6. Does Postoperative Drain Amylase Predict Pancreatic Fistula Following Pancreatectomy? J. S. Israel¹, L. R. Hanks¹, R. J. Rettenbury¹, C. S. Cho¹, E. R. Winslow¹, S. M. Weber¹; ¹University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI

9.7. Gene And MicroRNA Profiling Of Radioresistant Pancreatic Cancer Cell Lines N. O. Lawal¹, K. D. Viles¹, A. Barbas¹, R. R. White¹; ¹Duke University Medical Center, Durham, NC

9.8. A Novel PDX-1-Specific, Synthetic Promoter Driving Systemic Suicide Gene Therapy Suppresses Pancreas Cancer (PC) Tumor Volume In Mice S. Lu¹, G. Zhou¹, K. M. Shahi¹, J. Nemu-naitis², W. E. Fisher¹, F. C. Brunicardi¹; ¹Baylor College Of Medicine, Houston, TX; ²Mary Crowley Cancer Research Center, Dallas, TX; ³David Geffen School Of Medicine At UCLA, Los Angeles, CA

9.9. The Impact Of Inappropriate Blood Transfusion During Pancreatectoduodenectomy S. Mohammed¹,2, A. Ross¹,2, G. Van- den Buren¹,2, E. J. Silverfein¹,2, A. Artinyan¹,2, S. E. Hodges¹,2, W. E. Fisher¹,2, ³; ¹Baylor College Of Medicine, Houston, TX; ²Elkins Pancreatic Center, Houston, TX

9.10. Underlying Variation In Length Of Stay Following Pancreatectoduodenectomy: Surgeon, Hospital Or Patient? E. Schneider¹, M. Weiss¹, J. M. Herman¹, A. Haider¹, K. Hirose¹, M. Makary¹, M. A. Choi¹, C. L. Wolfgang¹, T. M. Pawlik¹; ¹Johns Hopkins University School Of Medicine, Baltimore, 21877

9.11. Current Trends In Preoperative Biliary Stenting In Patients With Resected Pancreatic Head Cancer L. J. Jinks¹, C. B. Duncan¹, Y. Han¹, K. M. Sheffield¹, K. M. Brown¹, T. S. Riall¹; ¹University Of Texas Medical Branch, Galveston, TX

9.12. Local Drug Delivery For Pancreatic Cancer Using An Electric Field Assisted Device M. Jaja¹, A. O’Neill¹, J. Byrne¹, R. E. Little³, M. E. Napier¹, J. DeSimone¹, J. Yeh¹; ¹University Of North Carolina Lineberger Comprehensive Cancer Center, Chapel Hill, NC; ²University Of North Carolina Department Of Surgery, Chapel Hill, NC; ³University Of North Carolina Department Of Pharmacology, Chapel Hill, NC; ⁴University Of North Carolina Department Of Chemistry, Chapel Hill, NC; ⁵University Of North Carolina School Of Medicine, Chapel Hill, NC; ⁶University Of North Carolina Eshelman School Of Pharmacy, Chapel Hill, NC; ⁷North Carolina State University Department Of Chemical Engineering, Raleigh, NC; ¹University Of North Carolina Department Of Biochemistry And Biophysics, Chapel Hill, NC

9.13. FAK Expression In Pancreatic Neuroendocrine Tumors K. C. Hewitt¹, J. E. Shea¹, W. C. Johnston¹, C. L. Scale²; ¹University Of Utah Department Of Surgery, Salt Lake City, UT; ²Providence Portland Cancer Center, Portland, Oregon

9.14. Resection Of Pancreatic Cystic Lesions – Indications and Outcomes N. H. Bhayani¹, S. Patel¹, J. T. Kafi¹, E. T. Kimchi¹, K. F. Staveley-O’Carroll¹, N. Gusani¹; ¹Program For Liver, Pancreas, & Foregut Tumors, Section Of Surgical Oncology, Department Of Surgery, Hershey, PA

9.15. The Prognostic Implications Of Histologic Subtype Of Ductal Carcinoma In Situ G. R. Sue¹, D. Lannin¹, B. Killelea¹, N. Horowitz¹, T. Tsangaris¹, A. B. Chagpar¹; ¹Yale University School Of Medicine, New Haven, CT

9.16. Lymph Node Ratio And Survival After Resection Of Pancreatic Adenocarcinoma M. Melis¹, A. Pinna¹, F. Marcon¹, G. Miller¹, S. M. Cohen¹, H. Pachter¹, E. Newman¹; ¹New York University School Of Medicine, New York, NY

9.17. Pancreatectoduodenectomy With Portal Vein Resection For Pancreatic Adenocarcinoma: A 10-Year Experience M. Melis¹, A. Pinna¹, F. Marcon¹, G. Miller¹, S. M. Cohen¹, H. Pachter¹, E. Newman¹; ¹New York University School Of Medicine, New York, NY

9.18. Pancreatectoduodenectomy With Multivisceral Organ Resection Increases Morbidity And Mortality Compared To Pancreatectoduodenectomy Alone – Outcomes From The American College Of Surgeons National Surgical Quality Improvement Program (ACS NSQIP) O. Hamed¹, N. Bhayani¹, G. P. V. R. Ie¹, E. T. Kimchi¹, J. T. Kafi¹, K. F. Staveley-O’Carroll¹, N. J. Gusani¹; ¹Section Of Surgical Oncology, Penn State University College Of Medicine, Hershey, PA

9.19. Acinar Cell Carcinoma Of Pancreas: A Population Based Study Of 253 Patients Using SEER Database (1973 - 2008) S. Patil¹, R. S. Chamberlain¹², ³; ¹Saint Barnabas Medical Center, Livingston, NJ; ²Saint George’s University School Of Medicine, Grenada, Grenada; ³University Of Medicine And Dentistry Of NJ - NJ Medical School, Department Of Surgery, Newark, NJ
Integrated Quick Shot Session I

ONCOLOGY 3: BREAST

Moderators: Lee G. Wilke, MD & Tina Wei-Fang Yen, MD

10.1. Predicting The Safety Of Outpatient Mastectomy: A Validated Prediction Model Using The ACS-NSQIP Database R. L. Yang1, C. E. Reinke1, C. Meise1, J. Datta2, H. L. Graves1, G. C. Karakousis1, M. B. Kelz1, B. J. Czerwiencki1, R. R. Kelz1; ‘University Of Pennsylvania - Department Of Surgery, Philadelphia, PA

10.2. Investigating Breast Cancer Oncogenesis With An Agent-based Model Of Mammary Ductal Epithelium Dynamics J. A. Chapa1, S. Kulkarni1, G. An1; ‘University Of Chicago Pritzker School Of Medicine, Chicago, IL

10.3. Factors Affecting Disease Recurrence In Patients With Early-Stage Breast Cancer A. E. Poor1, A. D. Brooks3; ‘Drexel University College Of Medicine, Philadelphia, PA

10.4. Impact Of Adjuvant Radiation Therapy On Breast Cancer-Specific Survival In Patients With Triple Negative Breast Cancer L. Stewart1, F. Gao1, M. Taylor2, J. A. Margenthaler1; ‘Washington University In St Louis - Dept. Of Surgery, Saint Louis, MO; ‘Washington University In St Louis - Dept. Of Radiation Oncology, Saint Louis, MO

10.5. Does Obesity Have An Impact On Outcomes In Triple-Negative Breast Cancer? R. Mowad1, B. D. Li2, Q. D. Chu1, R. H. Kim1; ‘Louisiana State University Health Sciences Center-Shreveport And Feist-Weiller Cancer Center, Shreveport, LA

10.6. Surveillance After Curative-Intent Treatment for Breast Carcinoma: the Effect of Initial Stage T. Mishra1, J. A. Margenthaler1, E. S. Allam1, L. Chen2, K. S. Virgo3, F. E. Johnson1,4; ‘Saint Louis University School Of Medicine, Saint Louis, MO; ‘Washington University School Of Medicine, Saint Louis, MO; ‘American Cancer Society, Atlanta, GA; ‘Saint Louis Veterans Affairs Medical Center, Saint Louis, MO

10.7. Primary Tumor Luminal Subtype Predicts Axillary Lymph Node Response In Patients Receiving Neoadjuvant Chemotherapy. L. S. Sparber1, V. Murthy1, S. C. Schaefer1, E. J. Santoro1, J. H. McDermott1, R. S. Chamberlain12,3, M. Blackwood4,5; ‘Department Of Surgery, Livingston, NJ; ‘Department Of Surgery, Newark, NJ; ‘Saint George’s University School Of Medicine, St. George’s, St. George’s; ‘Department Of Surgery, New York, New York

10.8. Lymph Node Involvement In Immunohistochemistry-Based Molecular Classifications Of Breast Cancer N. K. Howland1, T. D. Driver1, X. Wen1, M. A. Eltorky1, M. P. Sedrak5, C. Chao1; ‘University Of Texas Medical Branch, Galveston, TX

10.9. The Impact Of Ductal Carcinoma In Situ On Positive Margin Rates In Patients Undergoing Breast Conservation For Invasive Breast Cancer T. M. Martin-Dunlop1, F. Al-Mushawahi1, F. Gao1, J. A. Margenthaler1; ‘Washington University In St Louis - Dept. Of Surgery, Saint Louis, MO

10.10. Axillary Ultrasound In Patients With Clinically Node-Negative Breast Cancer: Which Features Are Predictive Of Disease? L. Elmoro1, C. M. Appleton2, J. A. Margenthaler1; ‘Washington University In St Louis - Dept. Of Surgery, Saint Louis, MO; ‘Washington University In St Louis - Dept. Of Radiology, Saint Louis, MO

10.11. Breast Cancer In Patients With Schizophrenia: The Role Of Adjuvant Radiation Therapy L. M. Davies1, K. Abdullah1, R. Janardhan1, M. Hwang1, M. Farasatpour1, J. A. Margenthaler2, K. S. Virgo2, F. E. Johnson1,4; ‘Saint Louis University Medical Center, Saint Louis, MO; ‘Washington University Medical Center, Saint Louis, MO; ‘American Cancer Society, Atlanta, GA; ‘John Cochran Veterans Affairs Medical Center, St. Louis, MO

10.12. Changes In Patient Weight After The Diagnosis and Treatment Of Breast Cancer J. J. Lopez1, C. Laronga1, E. L. Doreni1, W. Sun1, J. Lee1, W. J. Fulp1, P. D. Smith2; ‘USF Morsani College Of Medicine, Tampa, FL; ‘Department Of Surgery, University Of South Florida, Tampa, Fds; ‘Comprehensive Breast Program H. Lee Moffitt Cancer Center And Research Institute, Tampa, FL; ‘Department Of Biostatistics, H. Lee Moffitt Cancer Center, Tampa, FL

10.13. Is Chronic Kidney Disease An Independent Risk Factor For Mortality In Breast Cancer? A. C. Dubose1, G. D. Chu1, B. D. Li3, R. H. Kim1; ‘Louisiana State University Health Sciences Center-Shreveport And Feist-Weiller Cancer Center, Shreveport, LA

10.14. Breast Cancer In Patients With Schizophrenia: The Role Of Adjuvant Radiation Therapy L. M. Davies1, K. Abdullah1, R. Janardhan1, M. Hwang1, M. Farasatpour1, J. A. Margenthaler2, K. S. Virgo2, F. E. Johnson1,4; ‘Saint Louis University Medical Center, Saint Louis, MO; ‘Washington University Medical Center, Saint Louis, MO; ‘American Cancer Society, Atlanta, GA; ‘Veterans Affairs Medical Center, Saint Louis, MO

10.15. Granulomatous Mastitis: A 10 Year Experience From A Large Inner City County Hospital S. Mohammed1, A. Statz1, J. A. Salmons Lacross1, B. K. Lassinger1, A. Contreras1, C. Gutierrez1, E. Bonefas1, K. R. Liscum1, E. J. Silberfein1; ‘Baylor College Of Medicine, Houston, TX

10.16. Declines In Breast Cancer Incidence Rates, When Present, Began Before The 2003 Women’s Health Initiative Paper. M. S. Wachtel1, J. A. Margenthaler2; ‘Texas Tech University Health Sciences Center, Lubbock, TX; ‘Washington University School Of Medicine, St. Louis, MO

10.17. Racial Disparities In Utilization Of Outpatient Mastectomy: Findings From The ACS-NSQIP Database R. L. Yang1, J. A. Margenthaler1, G. An1; ‘University Of Chicago Pritzker School Of Medicine, Chicago, IL

10.18. Interrelationship Of Mammographic Density And Body Mass Index In Women Undergoing Weight Loss Surgery K. A. Boyle1, Y. Wu1, L. Loera1, E. Burns1, H. Neuman1, J. A. Greenberg1, A. Trentham-Dietz2, L. G. Wilke1; ‘University Of Wisconsin - Madison Department Of Surgery, Madison, WI; ‘University Of Wisconsin School Of Medicine And Public Health, Madison, WI; ‘University Of Wisconsin - Department Of Radiology, Madison, WI; ‘University Of Wisconsin - Population Health Sciences, Madison, WI

10.19. Characterizing Lobular Carcinoma of the Male Breast A. Moten1, A. Obirieze1, L. Wilson2; ‘Howard University College Of Medicine, Washington, DC; ‘Howard University Hospital, Washington, DC
11.1. The Changing Population Of The United States And Use

11.4. An Analysis Of Outcomes Comparing Dual-Lumen Venous ECMO To Multi-Site Venovenous ECMO For Pediatric Respiratory Failure: The Extracorporeal Life Support Registry Experience I. J. Zamora1,2, L. Shekerdemian1,2, O. O. Oltotye1,2, D. L. Cass1,2, P. Rycus3, C. Burgman1, T. C. Lee1,2, Texas Children’s Fetal Center And The Michael E. DeBakey Department Of Surgery


11.12. The Role of Myeloid Differentiation Factor 88 in Rhesus Rotavirus Induced Biliary Atresia

11.1. Teasing Out The Origins Of Lung Macrophages


11.13. The Incidence Of Hirschsprung’s Disease In Premature Infants And The Role Of Suction Rectal Biopsy

11.19. Outcomes of Surgically Treated Malignant Liver Tumors In Children: A 10- Year Institutional Experience Y. Rojas1, P. Masandi1, M. Chintagumpala2, C. A. O’Mahony2, D. E. Wesson1, J. A. Goss1, P. A. Thompson2, E. S. Kim1, J. G. Nuchtern1, S. A. Vasudevan1, 2

11.18. Management Of Benign Liver Tumors In Children: A 10- Year Institutional Experience Y. Rojas1, P. Masandi1, M. Chintagumpala2, C. A. O’Mahony2, D. E. Wesson1, J. A. Goss1, P. A. Thompson2, E. S. Kim1, J. G. Nuchtern1, S. A. Vasudevan1, 2

11.1. Teasing Out The Origins Of Lung Macrophages S. Tan1,2, M. Krasnow1

11.11.1. The Use Of A Prospective Database With Interdisciplinary Review To Improve Care Of Gastrocsis Patients Over A 10- Year Period R. K. Lemke1,2, S. F. Abdessalam1,2, K. S. Azarow1,2, S. C. Raynor1,2, R. A. Cusick2,2, Children’s Hospital And Medical Center, Omaha, NE; University Of Nebraska College Of Medicine, Omaha, NE

11.11.2. The Role Of Myeloid Differentiation Factor 88 In Rhesus Rotavirus Induced Biliary Atresia E. A. Walther1, S. K. Mohan1, B. Donnelly1, A. Coote1, M. M. McNeal1, G. M. Tiao2, 1

11.11.3. The Development Of Orthotopic Injection Xenograft Mouse Model Of Neuroblastoma Provides Evidence For The Presence Of Tumor Initiating Cells B. Chiu1, M. Pilchowski2, S. Bhdani1, A. Charest1, Tufts Medical Center Department Of Surgery, Boston, MA

11.11.4. An Analysis Of Outcomes Comparing Dual-Lumen Venous ECMO To Multi-Site Venovenous ECMO For Pediatric Respiratory Failure: The Extracorporeal Life Support Registry Experience I. J. Zamora1,2, L. Shekerdemian1,2, O. O. Oltotye1,2, D. L. Cass1,2, P. Rycus3, C. Burgman1, T. C. Lee1,2, Texas Children’s Fetal Center And The Michael E. DeBakey Department Of Surgery

11.11.5. EP1 Receptor Deficiency Protects Mice From Gut Barrier Breakdown During LPS-Induced Peritonitis I. J. Zamora1,2


11.11.7. Patterns Of Intestinal Microbiota Associated With Necrotizing Enterocolitis S. C. Papillon1, J. Wang1, A. V. Grishin1, H. R. Ford1, Children’s Hospital Los Angeles, Los Angeles, CA

11.11.8. A Mixed Methodology Analysis Of Caregiver Satisfaction Towards The Multidisciplinary Care Of Children With Esophageal Atresia – The Importance Of Caregiver Interactions. R. Baird1, D. Levesque1, R. Baird1

11.11.9. Outcomes Of Peritoneal Dialysis Catheter Placement In Neonates And Children L. F. Gentile1, S. Islam1, University Of Florida College Of Medicine Department Of Surgery, Gainesville, FL

11.11.10. A 10 Year Review Of Ovarian Torsion Management And Perioperative Outcomes In Oophorectomy And Oopexy V. E. Mortellaro1, C. Aprahamian1, S. W. Sharp1, L. Gillery2, G. R. Yannam1, M. Chen1, E. A. Beierle1, S. D. St. Peter1, Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO; The Children’s Hospital Of Alabama, Birmingham, Alabama

11.11.11. The Use Of A Prospective Database With Interdisciplinary Review To Improve Care Of Gastrocsis Patients Over A 10- Year Period R. K. Lemke1,2, S. F. Abdessalam1,2, K. S. Azarow1,2, S. C. Raynor1,2, R. A. Cusick2,2, Children’s Hospital And Medical Center, Omaha, NE; University Of Nebraska College Of Medicine, Omaha, NE

www.academicsurgicalcongress.org 23 February 5 - 7, 2013
12.1. Development Of An Ethical Framework For Consideration Of Cognitive Disability In Kidney Allocation M. P. Bobel1, M. L. Schwarze1, N. C. Foster2; 1Department Of Surgery, University of Wisconsin-Madison, Madison, WI; 2Department Of Pediatrics, University Of Wisconsin-Madison, Madison, WI

12.2. Center Specific Factors And Racial Disparities Related To Deceased Donor Renal Transplant L. D. Husband1, J. Kaur1, S. Sebastian2, W. A. Pruett3, F. K. Butt2, A. H. Seawright2, T. M. Earf3, C. D. Anderson1; 1University Of Mississippi Medical Center-School Of Medicine, Jackson, MS; 2University Of Mississippi Medical Center-Dept. Of Surgery, Jackson, MS; 3University Of Mississippi Medical Center-Dept. Of Radiology, Jackson, MS; 4University Of Mississippi Medical Center-Dept. Of Physiology, Jackson, MS

12.3. Cost of Hospitalization After Renal Transplantation: Is There a Racial/Ethnic Difference? A. C. Obirieze1, T. A. Oyetunji1, N. Siparsky1,2, D. Conti1; 1Department Of Surgery, University Of Wisconsin-Madison, Madison, WI; 2Department Of Surgery, Division Of Plastic Surgery, Stanford, CA

12.4. The ALOHA Program: Achieving A Life Of Health And Activity Using A Multi-Disciplinary Approach To Weight Loss In Obese Renal Transplant Candidates N. Siparsky1, S. Indlicato1, J. Colaneri1, A. Kollois1, R. Ryan-Gaule1, L. Alber2, M. Gallicchio1, D. Conti1; 1Albany Medical College, Albany, NY; 2University Hospitals Case Medical Center, Cleveland, OH

12.5. Delayed Graft Function In The Era Of Pulsatile Pump Perfusion S. K. Patel1, O. Panekwycz2, M. Said3, L. Feng2, M. Laftavi1; 1State University Of New York At Buffalo, Buffalo, New York

12.6. Anti-Thymocyte Antibody Is Associated With Higher Transfusion Rates In Kidney Transplant Recipients R. Klein1, M. Gallicchio1, L. Kushnir1, D. Conti1, N. Siparsky1; 1Albany Medical College, Albany, NY; 2South Jersey Regional Medical Center, Vineland, NJ

12.7. Incidence, Risk Factors And Associated Clinical Outcomes Of Surgical Complications Following Pancreas Transplantation Z. X. Lin1, M. Kee2, D. J. Taber3, J. W. McGillcuddy1, K. D. Chavin1, P. K. Baliga4, G. F. Bratton1; 1Medical University Of South Carolina, Division Of Transplant Surgery, Charleston, SC

12.8. Clinical Liver Transplant Outcomes in Patients With Pulmonary Hypertension G. R. Marshall1,2, S. B. Kinsella2, R. S. Mangus1; 1Department Of Surgery, Transplantation Section, Indiana University School Of Medicine, Indianapolis, IN; 2Department Of Anesthesiology, Indiana University School Of Medicine, Indianapolis, IN

12.9. Tobacco Use In Liver Transplant Recipients Is An Independent Predictor Of Post-transplant Mortality S. Tiwari1, R. S. Mangus1, A. Tector1; 1Indiana University School Of Medicine-Department Of Surgery, Indianapolis, IN

12.10. Impact Of Sarcopenia, Adiposity, And Malnutrition On Liver Transplant Outcomes In The Elderly H. J. Underwood1, S. B. Kinsella1, J. A. Friddell1, R. M. Vianna1, J. A. Tector1, S. Garag1, N. Stamm1, R. S. Mangus1; 1Indiana University School Of Medicine-Department Of Surgery, Indianapolis, IN; 2Indiana University School Of Medicine-Department Of Anesthesiology, Indianapolis, IN

12.11. Autophagy Is Involved In Endoplasmic Reticulum Stress-induced Hepatocyte Cell Death J. Zhang1, W. A. Dorsett-Martin1, M. W. Morris1, L. Drake1, W. B. Vanderlau1, C. D. Anderson1; 1University Of Mississippi Medical Center-Dept. Of Surgery, Jackson, MS

12.12. Liver Th17 Cell Mediated Inflammation Is Regulated In A Dependent Predictor Of Post-transplant Mortality A. C. Obirieze1, T. A. Oyetunji1, N. Siparsky1,2, D. Conti1; 1Department Of Surgery, University Of Wisconsin-Madison, Madison, WI; 2Indiana University School Of Medicine, Providence, RI; 3Boston University School Of Medicine, Providence, RI; 4Boston University Medical Center/Boston University School Of Medicine And Public Health, Boston, MA

12.13. Native Liver Function Prevents Coagulopathy And Bleeding Associated With Pig To Baboon Liver Xenotransplantation H. Yeh1, Z. Machaidze1, W. Kamala1, N. Elias1, K. Kim1, C. Schuetz1, J. Fraser1, E. Farkash1, R. Smith1, P. Martins1, P. Vagefi1, A. B. Cosimi1, D. Sachs1, M. Bert1, M. Varma1, J. F. Markmann1; 1Massachusetts General Hospital & Harvard Medical School, Boston, MA

12.14. Paclitaxel Augments Vaccination Induced CD8+ T Cell Responses K. E. Wooten1,2, J. T. Vazzana1,2, J. F. Gibbs1, P. Shrikant1; 1Roswell Park Cancer Institute, Buffalo, New York; 2SUNY At Buffalo, Department Of Surgery, Buffalo, New York

12.15. The Use Of The Anti fungal Itraconazole May Result In The Development Of Recurrent Bacterial Infections By Decreasing Phagocytosis D. F. Ni up>1,2, D. M. Cauvi1, A. De Maio1; 1Department Of Surgery UCSD, La Jolla, California; 2Biomedical Sciences Graduate Program, La Jolla, California; 3Center For Investigations Of Health And Educational Disparities, La Jolla, California

12.16. Influence Of Fibroblast And Mesenchymal Stem Cell Mesh Coating On Prosthetic’s Biocompatibility And Ingrowth Y. Gao1, Y. W. Novitsky1, V. W. Wong1,2, F. You1; 1Massachusetts General Hospital & Harvard Medical School, Boston, MA; 2Stanford University School Of Medicine, Stanford, CA

12.17. Genomewide Transcriptional Analysis Of Hypertrophic And Aneurysm Associated Scar Fibroblasts Following Immunosuppressant Therapy V. Y. Wong1,2, F. You1, M. Januszyk3, G. C. Gurtner1, A. A. Kuan1; 1Oregon Health And Science University, Portland, OR; 2Stanford University, Stanford, CA

12.18. Characterization Of The Surface Antigen Profile Of Human Adipose Derived Stem Cells Using Single Cell Transcriptional Analysis Reveals Heterogeneous Subpopulations M. Sorkin1,2, R. Rennert1, M. Januszyk3, J. P. Glotzbach1, M. T. Chung1, M. T. Longaker1, G. C. Gurtner1; 1Stanford University Department Of Surgery, Division Of Plastic Surgery, Stanford, CA

12.19. Effect Of Mesenchymal Stem Cells (MSCs) Of Adipose Tissue On The Defect Size Of Infected Wound: Experimental Study S. A. Haidar1, I. S. Tretia1, M. O. Welcome1; 1Belarusian State Medical University, Minsk, Minsk
13.1. Initial Experience With A Massive Transfusion Protocol In Obstetrical And Trauma Patients K. T. Ramadan, R. Martin, K. Pavenski, T. Zakrison, University of Toronto, Toronto, Ontario; S. St. Michael's Hospital, Toronto, Ontario

13.2. An Interdisciplinary Effort To Define An Evidence-Based Approach To Preoperative Resuscitation In Traumatic Microsurgical Reconstruction J. Hill, K. W. Sexton, J. Summitt, G. A. Del Corral, J. M. Ehrenfeld, O. L. Gunter, R. B. Shack, O. D. Guillamondegui; Vanderbilt University Medical Center, Nashville, TN; New York University School Of Medicine, New York, NY


13.5. Critical Administration Threshold Classifications In Damage Control Laparotomy J. J. Sumislawski, B. L. Zarzaur, S. A. Savage; University Of Tennessee Health Science Center, Memphis, TN

13.6. Thromboembolic Events After The Use Of Factor Vila In Major Trauma Patients A. Raines, T. Garve, A. Adeseye, F. Wood, D. Lehenbauer, J. Lees; Oklahoma University Health Science Center, Oklahoma City, OK

13.7. Emergency Department Blood Transfusion Of Greater Than Two Units Predicts Increased Mortality D. Liou, M. B. Singer, N. Melo, R. Chung, M. Bukur, D. R. Margulies, A. Salim, E. J. Lei; Cedars-Sinai Medical Center, Los Angeles, California

13.8. Epidemiology And Outcomes Of Non-Compressible Torso Hemorrhage (NCTH) In Civilian Trauma M. T. Kisat, J. J. Morrisson, Z. G. Hashmi, D. T. Efron, T. Rasmussen, A. H. Haider; University Of Arizona: College Of Medicine Department Of Surgery, Tucson, Arizona; The United States Institute Of Surgical Research, Fort Sam Houston, Texas; Aga Khan University Hospital, Karachi, Sindh; Johns Hopkins University School Of Medicine, Baltimore, Maryland

13.9. Long Term Sequelae Of Open Abdomen Management R. C. Frazee, S. Abernathy, D. Jupiter; Scott & White Memorial Hospital And Clinic, Temple, Texas

13.10. Thigh Compartment Syndrome In Urban Trauma Patients: Penetrating Injury, Not Fractures And Bruises L. M. Knab, A. Abuzeid, H. Rodriguez, N. Issa; Department Of Surgery, Northwestern University, Feinberg School Of Medicine, Chicago, IL

13.11. Blunt Renal Artery Injury In The Era Of Endovascular Interventions C. B. Nawaf, J. P. Sharpe, J. J. Summitt, L. Z. Zarzaur; University Of Tennessee Health Science Center, Memphis, TN

13.12. Base Deficit Is A Predictor Of Mortality In Pediatric Abusive Head Trauma C. L. Stewart, C. M. Holscher, E. E. Moore, S. L. Moulton, D. A. Partrick, D. D. Bensard; Children’s Hospital Colorado, Aurora, CO; Denver Health Medical Center, Denver, CO; University Of Colorado School Of Medicine, Aurora, CO


13.14. Abdominal Compartment Syndrome: Predictors Of Adverse Outcomes In Trauma Patients A. W. Shaheen, M. Crandall, G. J. Merlotti, Y. Jalandhwala, N. Issa; University Of Illinois At Chicago, Chicago, IL; Northwestern University Feinberg School Of Medicine, Chicago, IL; Mount Sinai Hospital, Chicago, IL

13.15. After The Storm: Early Abdominal Closure Affects Long Term Outcomes Of Damage Control Survivors N. Fox, M. Crutchfield, M. Lachant, S. E. Rosa, M. J. Seamon; Cooper University Hospital, Camden, NJ

13.16. Fatal Cardiac Injuries: The Importance Of Thinking Outside The Box D. Pechman, P. Parikh, K. Gutierrez, M. Duque, G. Garcia, C. Schulman, N. Namias, A. Livingstone, F. Habib; University Of Miami/Jackson Memorial Hospital, Miami, Florida

13.17. An Analysis Of Prehospital Shock Index As A Correlate For Outcomes In Trauma Patients By Age Group A. McNab, B. Burns, I. Bhullar, D. Chesire, A. Kerwin; University Of Florida College Of Medicine Jacksonville, Jacksonville, Florida


### SCIENTIFIC PROGRAM

**Tuesday, February 5, 2013**

**7:30AM - 9:30AM**

**Integrated Quick Shot Session I**

**TRAUMA/CRITICAL CARE 2: INFLAMMATION/CELL SIGNALING**

**PONTALBA**

**Moderators:** Kevin P. Mollen, MD & Frank Sellke, MD

| 14.1. | The Utility Of Procalcitonin As A Biomarker To Predict The Duration Of Antibiotic Therapy In Adult Sepsis Patients P. Sridharan1, R. S. Chamberlain1,2,3; Department Of Surgery, Saint Barnabas Medical Center, Livingston, NJ; 2Department Of Surgery, University Of Medicine And Dentistry Of New Jersey, Newark, NJ; 3Saint George’s University School Of Medicine, University Center, West Indies |
| 14.2. | Combined Effect Of Anaerobiosis And Gentamicin On Developing Staphylococcus Aureus Biofilms D. J. Hess1, M. J. Henry-Stanley1, C. L. Wells1; University Of Minnesota, Minneapolis, MN |
| 14.3. | XBP1 Inhibition Delays Wound Healing By Inhibiting Cell Proliferation And Migration N. Barbhaiya1, M. C. Tran1, V. Rashidi1, Z. Wang1, A. C. Koong1, G. P. Yang1; Stanford University School Of Medicine, Stanford, CA |
| 14.4. | Insulin Activates JNK In Primary Rat Hepatocytes I. C. Nweze1, J. W. Smith1, J. Lakshmanan1, B. Zhang1, B. G. Harbrecht1; University Of Louisvile Department Of Surgery, Louisville, KY |
| 14.5. | Examination Of The Effect Of Host-microbe Dynamics On Bacterial Virulence Activation In The Pathogenesis Of Surgical Site Infection Using An Agent-based Model V. Gopalakrishnan1, M. Kim2, J. Alveryd2, G. An3; Johns Hopkins University, Baltimore, MD; 2University Of Chicago, Chicago, IL |
| 14.6. | Bilateral Lower Extremity Amputation Wounds Are Associated With Distinct Local And Systemic Cytokine Response F. A. Lisbona1,2, T. S. Brown1,2, D. K. Tadaki1, F. A. Gage1,2, B. K. Potter1, J. A. Forsberg1,2, E. A. Elster1,2; Naval Medical Research Center, Silver Spring, Maryland; 2Walter Reed National Military Medical Center, Bethesda, Maryland; 3Uniformed Services University Of The Health Sciences, Bethesda, Maryland |
| 14.7. | A Closed-Abdomen Hemorrhagic Shock And Resuscitation Injury Model In Non-Human Primates: A Novel Approach To Investigating The Physiologic And Immunologic Effects Of Trauma And Resuscitative Interventions. J. S. Radovsky1,2,3, E. H. Lee1,2, T. A. Davis1, D. K. Tadaki1, E. A. Elster1,2; Naval Medical Research Center, Silver Spring, Maryland; 2Walter Reed National Military Medical Center, Bethesda, Maryland; 3Uniformed Services University Of The Health Sciences, Bethesda, Maryland |
| 14.8. | Exposure To Stored Blood Products Induces A Pro-inflamatory Response In Primary Hepatocytes J. R. Klune1, M. D. Neal1, L. McDaniel1, G. W. Nace1, R. Simmons1, D. A. Geller1, J. S. Raval1,2, A. Tsung1; University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA; 2University Of Pittsburgh Medical Center - Department Of Pathology, Pittsburgh, PA; 3University Of North Carolina - Department Of Pathology, Chapel Hill, NC |
| 14.9. | Aged Mice Are More Susceptible To Candida Infection Than Young Mice In A Multi-compartment Trauma Model K. R. Zettel1, S. S. Darwiche1, B. Geyer1, M. J. Scott1, R. A. Hoffman1, R. S. Hotchkiss2, R. E. Southard1, T. R. Billiar1; University Of Pittsburgh - Department Of Surgery, Pittsburgh, PA; 2Washington University In St Louis - Dept. Of Surgery, St Louis, MO; 3Washington University In St Louis - Dept. Of Anesthesiology, St. Louis, MO |
| 14.10. | Flutamide Does Not Confer Benefit In Reducing Resuscitation Requirements In A Porcine Ischemia-Reperfusion Model S. A. Satterly1, M. J. Martin1, M. Wingerd1, Z. Hoffer1, J. Stallings1; Madigan Army Medical Center, Tacoma, WA |
| 14.11. | Accelerated Lipid Metabolism After Severe Trauma D. Burneikis1, J. R. Stringham1, E. E. Moore2, T. L. Chin3, A. Ghasabany4, K. C. Hansen4, C. C. Stillman4, A. Banerjee4; University Of Colorado Denver, Aurora, CO; 2Denver Health Medical Center, Denver, CO |
| 14.12. | Comparison Of Viscoelastometric Assays To Traditional Activated Clotting Time For Assessing Heparin Activity In Whole Blood M. P. Chapman1, E. E. Moore2, T. L. Chin3, A. Ghasabany4, C. R. Ramos5, J. R. Stringham1, A. Banerjee4; University Of Colorado Denver, Aurora, CO; 2Denver Health Medical Center, Denver, CO |
| 14.13. | Outer Membrane Vesicles From Pathogenic Bacteria Initiate An Inflammatory Response In Human Endothelial Cells M. C. Soul1, N. E. Lonergan1, B. Shah1, L. D. Britt1, C. J. Sullivan1; Eastern Virginia Medical School Department Of Surgery, Norfolk, VA |
| 14.14. | Interleukin-6 Neutralizing Antibody Treatment Restores Th1/Th2 Balance In Mice With Pseudo-Fracture And Hemorrhage Y. Zhang1,2, W. Xiang1, K. Sebastian1, K. Zettel1, S. Darwiche1, C. Cai1, F. Ayoob1, T. Billiar1; Department Of Surgery, Pittsburgh University Medical Center, Pittsburgh, PA; 2Hepatobiliary Surgery, Union Hospital, Huazhong University Of Science And Technology, Wuhan, Hubei |
| 14.15. | Xanthine Oxidase Does Not Produce Reactive Oxygen Species In Early Life-Threatening Trauma J. R. Stringham1, E. E. Moore2, T. L. Chin3, A. Ghasabany4, C. R. Ramos5, M. Chapman1, K. C. Hansen4, C. C. Stillman4, A. Banerjee4; University Of Colorado Denver, Aurora, CO; 2Denver Health Medical Center, Denver, CO |
| 14.16. | Ethanol Decreases Microvascular Leak Due To Ischemia-Reperfusion Injury A. Garcia1, G. P. Victorino1; UCSF-East Bay Department Of Surgery, Oakland, CA |
| 14.17. | Bilateral Near Infrared Spectroscopy: A Potential Tool For Detecting Traumatic Vascular Injury R. M. Van Haren1, M. L. Ryan1, C. M. Thorsen1, E. Curia1, A. M. Busko1, N. Namias1, A. S. Livingstone1, K. G. Proctor1; Daugthy Dept Of Surgery, University Of Miami Miller School Of Medicine And Ryder Trauma Center, Miami, FL |
| 14.18. | Mesenteric Ischemia-Reperfusion (IR) Injury Enhances Mouse Chemokine Production And Results In Injury To Multiple Organs R. S. Jawas1, C. W. Boyer1, E. E. Quist1, V. K. Shostrom1, D. W. Mercer1; University Of Nebraska Medical Center, Omaha, NE |
15.1. Racial Disparities In The Cost Of Carotid Endarterectomy And Carotid Stenting In The United States B. W. Propper, J. H. Black, E. B. Schneider, Y. W. Lum, M. B. Malas, W. W. Arnold, C. J. Abularrage; 'The Johns Hopkins Hospital, Baltimore, MD; 'Johns Hopkins Center For Surgery Trials And Outcomes Research, Baltimore, MD; 'Johns Hopkins Bayview Medical Center, Baltimore, MD

15.2. Effects Of Mechanical Gravitational Unloading On Vascular Endothelial Cells Function S. Grenon, M. Jeanne, M. S. Conte, M. Hughes-Fulford; 'University Of California - San Francisco, San Francisco, CA

15.3. The Regenerative Potential Of Mesenchymal Stem Cells In A Porcine Abdominal Aortic Aneurysm Model R. O. Tadros, B. Rawal, D. Han, K. Briley-Saebo, R. Hajjar, Z. Fayad, V. Gillespie, M. L. Marin, P. L. Faries; 'The Mount Sinai School Of Medicine, New York, NY

15.4. Results Of Carotid Angioplasty and Stenting Are Equivalent For Critical Versus High-Grade Lesions B. W. Ullery, E. H. Murphy, E. Y. Woo; 'University Of Pennsylvania, Division Of Vascular Surgery And Endovascular Therapy, Philadelphia, PA

15.5. Racial And Ethnic Disparities In The Treatment Of Unruptured Thoracoabdominal Aortic Aneurysms In The United States N. Glebova, B. W. Propper, J. H. Black, E. B. Schneider, Y. W. Lum, J. A. Freischlag, B. A. Perlér, C. J. Abularrage; 'The Johns Hopkins Hospital, Baltimore, MD; 'Johns Hopkins Center For Surgery Trials And Outcomes Research, Baltimore, MD

15.6. Apolipoprotein A1 Inhibits Platelet Aggregation And Enhances Disaggregation C. R. Ramos, E. E. Moore, W. Jones, J. Di Paola, J. Stringham, M. Chapman, T. Chin, C. C. Silliman, A. Banerjee; 'University Of Colorado Health Science Center, Aurora, CO; 'Denver Health Medical Center, Denver, CO

15.7. Femoral Intima Media Thickness As A Marker For Peripheral Arterial Disease M. S. Etherington, A. J. Layne, E. R. Mohler, J. T. Davis, R. M. Fairman, E. Y. Woo, B. M. Jackson, G. J. Wang; 'Hospital Of The University Of Pennsylvania, Philadelphia, PA


15.11. Increased Adipocyte Deposition In Injured Muscle With Aging And Impaired Remodeling In Females C. M. Fearing, H. M. Hancock, M. J. McHale, L. Portier, Z. U. Sarwar, L. M. McNamurs, P. K. Shireman; 'The University Of Texas Health Science Center At San Antonio, San Antonio, Texas; 'South Texas Veterans Health Care System (STVHCS), San Antonio, TX


15.13. Differential PECAM-1 Activation And Tissue Factor Expression In HUVEC Exposed To Laminar And Disturbed Pulsatile Flow And Chemical Stimuli. T. Moriguichi, B. Davis, R. Abe, B. E. Sumpio; 'Department Of Surgery, Yale University School Of Medicine, New Haven, CT


15.15. The Effect Of Surgeon Specialty On Outcomes After Ruptured Abdominal Aortic Aneurysm Repair A. T. Hawkins, A. D. Smith, M. J. Schaumeier, N. D. Hevelone, L. L. Nguyen; 'Brigham & Women’s Hospital, Boston, MA; 'Brigham And Women’s Hospital/Harvard Medical School, Boston, MA

15.16. NADPH Oxidase 2 Deficiency Attenuates Experimental Abdominal Aortic Aneurysm In Mice B. Xu, H. Xuan, H. Tanaka, X. Hu, W. Wang, K. J. Glover, R. L. Dalman; 'Stanford University School Of Medicine, Stanford, California

15.17. Antithrombotic Drug Methotrexate Suppresses Experimental Abdominal Aortic Aneurysm In Mice B. Xu, H. Xuan, X. Hu, H. Tanaka, W. Wang, M. E. Gerritsen, R. L. Dalman; 'Stanford University School Of Medicine, Stanford, California

15.18. Anti-Inflammatory Drug Methotrexate Suppresses Experimental Abdominal Aortic Aneurysm In Mice B. Xu, H. Xuan, X. Hu, H. Tanaka, W. Wang, M. E. Gerritsen, R. L. Dalman; 'Stanford University School Of Medicine, Stanford, California

15.19. Anticoagulation Is Unnecessary For Most Patients With Calf Vein Thrombosis M. J. Anstadt, J. A. Brosius, T. Robertson, R. Milner; 'Loyola University Medical Center, Maywood, IL; 'Loyola University Chicago Stritch School Of Medicine, Maywood, IL; 'Riverside Methodist Hospital, Columbus, OH; 'University Of Chicago, Chicago, IL
SCIENTIFIC PROGRAM
Tuesday, February 5, 2013

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

10:00AM - 10:15AM
Opening Comments
Melina R. Kibbe, MD, RVT, AAS President &
George P. Yang, MD, PhD, SUS President
ROOSEVELT

10:15AM - 11:00AM
SUS Presidential Address
“Reassessing the Halstedian Residency”
George P. Yang, MD, PhD
Associate Professor of Surgery, Hagey Family Faculty Scholar, Stanford University School of Medicine, Staff Physician, Palo Alto VA Health Care System
Introduction by O. Joe Hines, MD, SUS President-Elect
ROOSEVELT

11:00AM - 11:30AM
SUS Lifetime Achievement Award
Alden Harken, MD
University of California, San Francisco, Professor of Surgery; Chief, UCSF-East Bay Surgery Program; Chair, Department of Surgery, Alameda County Medical Center; Division of UCSF-East Bay Surgery
Introduction by Gene Moore, MD
ROOSEVELT

11:30AM - 1:00PM
Lunch in Exhibit Area
CRESCENT CITY BALLROOM

----------or----------
11:30AM - 1:00PM
Issues Committee Session
“AAS/SUS Mentorship Program”
WALDORF ASTORIA BALLROOM

Moderators: Mark Cohen, MD & Gregory Kennedy, MD

- Current Status of Mentorship in Academic Surgery
  Julie Margenthaler, MD
- Why Mentorship is Important for your Career
  Herbert Chen, MD
- How to Develop, Sustain and Reward Mentors in Surgery
  Tim Eberlein, MD
- Facilitated Discussion of AAS/SUS Mentoring Program
  Panel Discussion
- Review of a Blueprint for AAS/SUS Mentoring Program
  Mary Hawn, MD

At the end of the session, participants will be able to:
1. Discuss the principles of developing and sustaining mentors.
2. Understand the importance to an institution of rewarding mentors.
3. Identify factors that make good mentors.
4. Understand the importance of good mentors on your future career.
5. Formulate solutions for improving participation in mentoring relationships.

----------or----------
Hot Topic Session: “Acute Care Surgery –
Now That We’ve Built It, Will They Come, and Why Should They?”
ORPHEUM

Moderator: Thomas Esposito, MD

- Why was it built? Overview of the evolution of this new discipline.
  Thomas Esposito, MD
- What is it? Overview of the Acute Care Surgery Fellowship Curriculum and status of fellowships nationally.
  Thomas Esposito, MD
- Who might consider it and why? Presentation of results of published opinion surveys of residents and attendings on Acute Care Surgery Fellowships and other training issues.
  Jamie Jones, MD
- Why consider it and what can you do with it? Discussion of different practice models of Acute Care Surgery and testimonials from those who have finished the Fellowship and are now practicing.
  David Efron, MD & Paula Ferrada, MD
At the end of the session, participants will be able to:

1. Be familiar with issues that led to the development of Acute Care Surgery and the argument for its need.
2. Be familiar with the current content of the Acute Care Surgery Fellowship curriculum and the status of Fellowships.
3. Be familiar with the opinions of current surgical residents and attendings on Acute Care Surgery.
4. Be familiar with the current practice models of Acute Care Surgery and the benefits it offers as a career.

--------or--------

Hot Topic Session: “Surgical Outcomes Data: The Next Frontier in Surgical Education”

Moderator: Rachel Kelz, MD

- The Academic Report Card: How Do We Measure Up and How Do Residents Affect These Results? 
  Justin B. Dimick, MD, MPH

- A Brave New World in Surgical Education: How Can Outcomes Data Help with the Core Competencies and the Milestones Project?
  James Hebert, MD

- Building a Culture of Commitment: The Next Generation of Surgeons
  Clifford Ko, MD

- Let the Data Speak to Your Residents
  Rachel Kelz, MD

At the end of the session, participants will be able to:

1. Understand currently available data used to assess surgical quality.
2. Describe the state of patient care in academic centers considering issues related to surgical education and resident participation.
3. Illustrate recent changes in accreditation requirements and external pressures motivating change in the surgical training paradigm.
4. Develop strategies to integrate outcomes data into surgical education.

1:00PM - 2:30PM

Sus Presidential Plenary Session
“Generating Evidence for Evidence-based Practice”

Moderator: George P. Yang, MD, PhD

- Comparative Effectiveness Research Using Registry Data: Strategies for Success
  Adil Haider, MD

- The Road Paved with Experience
  R. Lawrence Moss, MD

- Surgeons as Drivers of Translational Research
  Monica Bertagnolli, MD

Abstract Presentations:

16.1. Does Pay-for-Performance Improve Surgical Outcomes? Evaluation Of Phase 2 Of The Premier Hospital Quality Incentive Demonstration Project; T. Shih1, J. B. Dimick1; 1University Of Michigan Center For Health Outcomes & Policy (CHOP), Ann Arbor, MI

16.2. Early Postoperative Oral Feeding In Gastresophageal Tumors Surgery: A Randomized Controlled Trial; S. Shoar1, H. Mahmoodzadeh1, N. Hosseini Araghi1, N. Mahboobi1, F. Sirati1, Z. Khorgami1; 1Tehran University Of Medical Sciences, Tehran, Tehran; 2Tehran University Of Medical Sciences, Tehran, Tehran

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

1. Recognize the extent to which surgical practice is guided by well-controlled science.
2. Understand how national organizations are working to develop consortia to address how care is provided.
3. Highlight how various approaches to health services research can guide our practice.
4. Understand how surgeons can contribute to developing health care policy.
TUESDAY

2:30PM - 3:00PM
SUS Joel J. Roslyn Lecture
“Surgical Ethics, Innovation, and the Future of Surgical Progress”
Peter Angelos, MD, PhD
University of Chicago Medicine; Linda Kohler Anderson Professor of Surgery; Chief, Endocrine Surgery; Associate Director, MacLean Center for Clinical Medical Ethics
Introduction by George P. Yang, MD, PhD, SUS President

3:00PM - 3:30PM
British Journal of Surgery Lecture
“Development, Implementation and Effects of a Comprehensive Surgical Safety System”
Eefje de Vries, MD
General Surgery Resident
Introduction by George P. Yang, MD, PhD, SUS President

3:30PM - 4:00PM
Afternoon Break in Exhibit Area
CRESCENT CITY BALLROOM

4:00PM - 5:30PM
Basic Science Plenary Session
ROOSEVELT SALON IV & V
Moderators: Melina R. Kibbe, MD, RVT & George P. Yang, MD, PhD

17.1.Synthesis And Characterization Of A Targeted Nitric Oxide-Delivery Vehicle E. S. Moreira1,2, T. Moyer1,2, H. Kasamsap1, S. I. Stupp1,2, M. R. Kibbe1,2; 1Northwestern University Division Of Vascular Surgery, Chicago, IL; 2Northwestern University Institute For BioNanotechnology In Medicine, Chicago, IL
17.3.Intravenous Multipotent Adult Progenitor Cell Therapy Improves Spatial Learning After Traumatic Brain Injury S. S. Bedi1, R. A. Hetz1,2, A. Olsen1, S. Williams1, C. Thomas1, P. Smith1, J. Hamilton1, R. W. Mays1, C. S. Cox1,2,3; 1Department Of Pediatric Surgery At University Of Texas Medical Health Science Center At Houston, Houston, Texas; 2Deaprtment Of Surgery At University Of Texas Health Science Center At Houston, Houston, Texas; 3Michael E DeBakey Institute For Comparative Cardiovascular Science And Biomedical Devices, Texas A & M University, Houston, Texas; 4Athiersys, Inc, Cleveland, Ohio
17.4.Tissue Engineered Small-Diameter Arterial Graft: In Vivo Evaluation Of An Electrospun Nanofiber Scaffold K. A. Rocco1, M. W. Maxfield1, P. S. Bagi1, H. Kurobe2, T. Yi3, T. Shinoka4, C. K. Breuer5; 1Department Of Engineering, Yale University, New Haven, CT; 2Department Of Surgery, Yale University, New Haven, CT; 3Yale University, New Haven, CT; 4Interdepartmental Program In Vascular Biology And Therapeutics, Yale University, New Haven, CT
17.5.NLRP3 Inflammasome Activates Matrix Metalloproteinase-9: Potential Role In Smooth Muscle Cell Dysfunction In Thoracic Aortic Disease D. Wu1,2, J. C. Choi1,2, J. Coselli3, Y. H. Shen1,2, S. A. LeMaire1,2,3; 1Division Of Cardiothoracic Surgery, Michael E. DeBakey Department Of Surgery, Houston, TX; 2Department Of Molecular Physiology And Biophysics, Baylor College Of Medicine, Houston, TX; 3Texas Heart Institute At St. Lukes Episcopal Hospital, Houston, TX
17.6.Organ Tissue Engineering Using Autologous Decellularized Microcirculatory Beds AS Vascularized Bioscaffolds L. H. Evers1, W. Liu1, D. Simons1, M. Sorkin1, M. T. Longaker4, G. C. Gurtner1; 1Stanford University School Of Medicine Department Of Surgery, Stanford, California
17.7.Lipoxygenase Inhibition Attenuates Intestinal Polyposis Through Suppression Of Inflammation M. J. Heiferman1,2, J. R. Heiferman1,2, N. R. Blatner2, J. D. Phillips1,2, E. C. Cheon1,2, L. M. Knab1,2, E. A. Wayne1,2, K. Khazaie1, P. J. Grippo1, D. J. Bentrem1,2,3; 1Northwestern University Department Of Surgery, Chicago, IL; 2Robert H. Lurie Comprehensive Cancer Center Of Northwestern University, Chicago, IL; 3Jesse Brown VA Medical Center, Chicago, IL

4:00PM - 5:30PM
Outcomes Plenary Session
ROOSEVELT SALON II & III
Moderators: Caprice Greenberg, MD & Sandra Wong, MD

18.1.Risk Adjusted Analyses To Improve Trauma Care: Comparing A Simple Six Variable Model To The “Gold Standard” Z. G. Hashmi1, S. Zafar1, E. B. Schneider1, E. R. Haut2, E. E. Cornwell3, V. K. Scott4, D. T. Efron4, A. H. Haider1; 1Center For Surgery Trials And Outcomes Research (CSTOR), Johns Hopkins University School Of Medicine, Baltimore, MD; 2Howard University Hospital, Washington, DC
18.2.Surgical Care Improvement Project Quality Measures And Surgical Site Infections: Can Integration Into The Surgical Safety Checklist Improve Quality Compliance And Clinical Outcomes? M. Tillman1, H. Wehe-Janek1, W. R. Smythe1, H. T. Papaconstantinou1; 1Scott & White Memorial Hospital And Clinic, Temple, Texas
AAS Medical Student Quick Shots Competition

Moderators: Melina R. Kibble, MD, RVT & Julie Ann Sosa, MD

19.1.5-Lipoxygenase Inhibition Attenuates Intestinal Polyposis Through Suppression Of Inflammation M. J. Heiferman1,2, J. R. Heiferman1,2, N. R. Blatner1,2, J. D. Phillips1,2, E. C. Cheon1,2, L. M. Knab1,2, E. A. Wayne1,2, K. Khazaie1, P. J. Gripp1,2, D. J. Bentrem1,2,2,2; Northwestern University Department Of Surgery, Chicago, IL; 2Robert H. Lurie Comprehensive Cancer Center Of Northwestern University, Chicago, IL; 2Jesse Brown VA Medical Center, Chicago, IL

19.2. A MAPK Dependent Pathway Induces Epithelial Mesenchymal Transition (EMT) Via Twist Activation In Human Breast Cancer Cell Lines N. Y. Li1, C. E. Weber1, P. Y. Wai1, B. Cuevas1, P. C. Kuo1, Z. Mi1; Loyola University Chicago Stritch School Of Medicine, Maywood, IL

19.3. Combination Of Adoptive Cell Transfer With CTLA-4 Blockade Maximizes Melanoma Immunotherapy D. A. Mahvi1, L. Wentworth1, J. V. Meyers1, C. S. Cho1,2; University Of Wisconsin School Of Medicine And Public Health, Madison, WI; 2William S. Middleton Memorial VA Hospital, Madison, WI

19.4. siRNA Transfection With Cholesterol Modification From Electrospun PET Facilitates Gene Silencing In Human Aortic Smooth Muscle Cells M. C. Chun1,2, H. S. Oliver-Alfen1, C. S. Nabzdyk1, S. G. Pathan1, D. M. Phaneuf1, L. Pradhan-Nabzdyk1, F. W. LoGerfo1; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; 2Indiana University School Of Medicine, Indianapolis, IN; 2Tufts Medical Center Department Of Surgery, Boston, MA; 2Biosurfaces Inc, Ashland, MA; 2New York College Of Osteopathic Medicine, Old Westbury, NY

19.5. Outcomes For Patients With Emphysema Undergoing Surgical Resection Of Stage I Non-small Cell Lung Cancer (NSCLC) M. Bishaw1, W. H. Moore1, T. Biltfinger1; Stony Brook University Medical Center, Stony Brook, New York

19.6. Blocking The P2X7 Receptor In A Rat Nerve-Injury Model Improves Long Term Functional Outcomes C. L. Rodriguez-Feo1, K. Sexton1, R. B. Boyer1, A. O. Pollins1, N. L. Cardwell1, L. B. Narney2, B. Shack1, W. P. Thayer1; Vanderbilt University School Of Medicine, Nashville, TN; 2Vanderbilt University Department Of Plastic Surgery, Nashville, TN

19.7. Effect Of Competitive Training On A Virtual Reality Simulator On Surgical Performance: A Randomized Controlled Trial D. A. Hashimoto1,2, A. Khajuria1, L. Beyer-Berjot1, N. N. Williams1, A. Darzi1, R. Aggarwal1; Imperial College London - Department Of Surgery And Cancer, London, London; 2Perelman School Of Medicine, University Of Pennsylvania, Philadelphia, PA

19.8. Effect Of Age And BMI On Mortality And Morbidity In Elective And Emergent General Surgery, F. J. Yanquez1, D. Grauf3, J. Clements1, A. Merchant1,2; Central Michigan University (CMU) Healthcare, Department Of Surgery And Department Of Research And Quality, Saginaw, Michigan; 2Covenant Healthcare, Department Of Quality, Saginaw, Michigan; 2Central Michigan University College Of Medicine, Mount Pleasant, Michigan

19.9. NSQIP And NIS Under-report Adverse Events In Appendicitis P. C. Tran1, M. K. Liang2, U. R. Phatak1, N. M. Tapia1, L. S. Kao1, J. W. Suliburk2, Baylor College Of Medicine, Houston, TX; 2Baylor College Of Medicine And The Michael E. DeBakey VA Medical Center, Houston, TX; 2Baylor College Of Medicine - Ben Taub Hospital, Houston, TX; 2University Of Texas Health Science Center At Houston, Houston, TX

20.5. Can Surgical Case Complexity Be Better Captured? Effect Of Secondary CPT Codes On Short-Term Outcome Measurement In The American College Of Surgeons National Surgical Quality Improvement Program (ACS NSQIP) M. J. Heifer- Cornwell1, A. H. Haider1; Georgetown University Department Of Surgery, Washington, DC; 2Center For Surgery Trials And Outcomes Research (CSTOR), Baltimore, MA; 3Howard University College Of Medicine, Washington, DC

20.6. Blocking The P2X7 Receptor In A Rat Nerve-Injury Model Improves Long Term Functional Outcomes E. C. Hall1,2, X. Hui1, E. E. A. N. Y. Li1, C. E. Weber1, P. Y. Wai1, B. Cuevas1, P. C. Kuo1, Z. Mi1; Loyola University Chicago Stritch School Of Medicine, Maywood, IL

20.7. Post-Treatment Surveillance In Locoregional Breast Cancer: Guideline Adherence And Patterns In Use Of Non-Recommended Testing A. D. Parmar1,2, K. M. Sheffield1, G. M. Vargasi1, Y. Han1, C. Chao1, T. S. Riall1; University Of Texas Medical Branch, Galveston, Texas; 2University Of California San Francisco - East Bay, Oakland, California

5:30PM - 6:30PM

SUS Business Meeting

-----------of-----------

6:30PM - 7:30PM

Opening Exhibit Reception

7:30PM - MIDNIGHT

ASC Extravaganza

Join us for the annual Extravaganza! This year it is scheduled to last late so you can enjoy visiting with your colleagues, dinner, drinks, and N’awlins entertainment specialties!

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SCIENTIFIC PROGRAM Wednesday, February 6, 2013

7:30AM - 9:30AM Integrated Oral Presentation Sessions I

CARDDIOTHORACIC 1: TRANSPANTATION AND CARDIAC

Moderators: Michael J. Englesbe, MD & Shu S. Lin, MD

20.1. Cardiac Transplantation With ABO Compatible Donors Has Equivalent Long-Term Survival. S. Taghavi1, S. N. Jayarajan1, L. Wilson2, E. Komaroff3; Temple University Hospital, Philadelphia, PA; Temple University, Philadelphia, PA; Yale University School of Medicine, New Haven, CT

20.2. Cardiac Transplantation Can Be Safely Performed Using Low Donor To Recipient Body Weight Ratios. S. N. Jayarajan1, S. Taghavi1, L. Wilson2, E. Komaroff3; Temple University Hospital, Philadelphia, PA; Temple University School of Public Health, Philadelphia, PA; Yale School Of Medicine, New Haven, CT

20.3. Impact Of Extra-Corporeal Membrane Oxygenation Or Mechanical Ventilation As Bridge To Combined Heart-Lung Transplantation On Short- And Long-Term Survival. S. N. Jayarajan1, S. Taghavi1, E. Komaroff3, S. Brann2, T. Horai3, S. Guy3, Y. Toyoda1; Temple University Hospital, Philadelphia, PA; Temple University School Of Medicine, Philadelphia, PA; Temple University School Of Public Health, Philadelphia, PA

20.4. Cardiac Transplantation Can Be Safely Performed Using Diabetic Donors. S. Taghavi1, S. N. Jayarajan1, L. Wilson2, E. Komaroff3; Temple University Hospital, Philadelphia, PA; Temple University School Of Public Health, Philadelphia, PA; Yale University School Of Medicine, New Haven, CT

20.5. Impact Of Donor Cardiac Arrest On Heart Transplantation On Short- And Long-Term Survival. S. N. Jayarajan1, S. Taghavi1, E. Komaroff3, S. Brann2, T. Horai3, S. Guy3, Y. Toyoda1; Temple University Hospital, Philadelphia, PA; Temple University School Of Medicine, Philadelphia, PA; Temple University School Of Public Health, Philadelphia, PA

20.6. The CD8+/TCR- Facilitating Cell Population Is Comprised Of Distinct Cellular Subsets That Exhibit Differential Cytokine Expression: Implications In The Enhancement Of Allogeneic Stem Cell Engraftment. M. J. Schuchert1, A. L. Opesta1, R. J. Landreneau1, J. D. Luketich1, N. G. Gangopadhyay1; University Of Pittsburgh Medical Center - Department Of Cardiothoracic Surgery, Pittsburgh, PA

20.7. Autologous CD117+ Mesenchymal Stem Cells Injections Provide Superior Therapeutic Benefit As Compared To CD117+ Cardiac-Derived Stem Cells In A Feline Model Of Isoproterenol Induced Cardiomyopathy. S. Taghavi1, T. A. Sharp2, J. M. Duran2, C. A. Makarewich2, S. Khoche3, R. M. Berretta3, T. Starosta3, H. Kubo2, M. Barbe3, S. R. Houser3; Temple University Hospital, Philadelphia, PA; Temple University Cardiovascular Research Center, Philadelphia, PA; Temple University School Of Medicine, Philadelphia, PA

20.8. Differential Regulation Of The Inflammatory Response During Fetal Cardiac Regeneration Following Myocardial Infarction (MI). M. W. Morris1, M. Alukian1, J. Xu2, R. C. Caskey2, W. Dorsett-Martin1, M. E. Mitchell1, J. H. Gorman3, R. C. Gorman3, K. W. Liechty4; University Of Mississippi Medical Center-Dept. Of Surgery, Jackson, MS; Hospital Of University Of Pennsylvania, Philadelphia, PA; Nemours Children Hospital, Orlando, FL

20.9. Ethanol Consumption Improves Insulin Signaling In Chronically Ischemic Myocardium. N. Y. Elmadhun1, A. D. Lasaletta1, B. Thomas1, A. Sabe1, F. W. Seilke1; Division Of Cardiothoracic Surgery, Cardiovascular Research Center, Warren Alpert School Of Medicine, Brown University, Providence, RI

7:30AM - 9:30AM Integrated Oral Presentation Sessions I

CLINICAL TRIALS/OUTCOMES 1: RESOURCE UTILIZATION

Moderators: Peter Angelos, MD & Louis L. Nguyen, MD

21.1. A Short-Stay Unit For The Post-Operative Care Of Thyroidectomy Patients Increases Discharge Efficiency. W. M. Vrabec1, N. Clark1, S. C. Oltmann4, H. Chen1, R. S. Sippel1; University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI

21.2. Can Insurance Pre-Authorization Ensure High Quality Melanoma Care? Development Of A Simple Algorithm To Verify The Surgical Treatment Plan B. S. Kester1,2, J. D. Wayne1,2, D. J. Benesch2, M. Ostrom2, A. D. Naik2, D. H. Berger1; Department Of Surgery, Bay- lor College Of Medicine, Houston, TX; Houston Veterans Affairs Health Services Research And Development Center Of Excellence, Houston, TX; Operative Care Line, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX; Medical Care Line, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX; Rice University, Houston, TX

21.3. Extended Hospital Stay After Surgery: A Marker Of Hospital Quality Or Efficiency? R. W. Krell1, M. Grott1, J. B. Dimick1; Department Of Surgery, Ann Arbor, MI

21.4. Title: Does Variation In Cost Of A Surgical Procedure Equate To Differences In The Value Of The Care Delivered? C. E. Reinke1, N. Bansal1, C. Meise1, G. Karakousis1, D. Fraker2, R. R. Kelz1; Department Of Surgery, Philadelphia, PA; Perelman School Of Medicine, Philadelphia, PA

21.5. Regional Variation In Total Cost Of A Homogenous Surgical Procedure C. E. Reinke1, N. Bansal1, C. Meise1, G. Karakousis1, D. Fraker2, R. R. Kelz1; Department Of Surgery And Oncology, Philadelphia, PA; Perelman School Of Medicine, Philadelphia, PA

21.6. Excess Hospital Resource Utilization And Inefficiencies In Treatment Of Calculous Biliary Disease At A Safety-Net Hospital U. R. Phatak1, W. M. Chan1, R. Escamilla2, D. F. Lew2, T. C. Ko3, C. J. Wray1, L. S. Kao1; University Of Texas Health Science Center At Houston, Houston, Texas

21.7. A Patient-Centered Early Warning System To Prevent Readmission After Colorectal Surgery: A National Consensus Using The Delphi Method L. T. Li1, W. L. Mills2, A. M. Gutierrez3, L. I. Herman4, A. D. Naik6, D. H. Berger1; Department Of Surgery, Baylor College Of Medicine, Houston, TX; Houston Veterans Affairs Health Services Research And Development Center Of Excellence, Houston, TX; Operative Care Line, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX; Medical Care Line, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX; Rice University, Houston, TX

21.8. Continuous Monitoring Of Central Venous Oxygen Saturation Predicts Postoperative Liver Dysfunction After Liver Resection M. Meguro1, T. Mizuguchi1, M. Kawamoto1, Y. Nakamura1, K. Kukita1, S. Ohta1, K. Hirata1; Department Of Surgical Oncology And Gastroenterological Surgery, Sapporo Medical University School Of Medicine, Sapporo, Hokkaido

21.9. Cancer Anxiety And Patient Selection Of Mastectomy Over Breast Conservation Therapy L. Conant1, T. M. Martin-Dunlap1, C. S. Fisher1, J. A. Margenthaler1; Washington University In St Louis - Dept. Of Surgery, Saint Louis, MO; University Of Pennsylvania - Department Of Surgery, Philadelphia, PA

21.10. Evaluating The Effectiveness Of A Discharge Protocol For Advanced Appendicitis At A Children’s Hospital S. C. Fallon1, M. L. Brandt1, A. Hassan1, D. E. Wesson1, J. R. Rodriguez2, M. E. Lopez2; Division Of Pediatric Surgery, Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX
CLINICAL TRIALS/OUTCOMES 2: QUALITY MEASURES

Moderators: Anne C. Fischer, MD, PhD & Ali Salim, MD

22.1. Development And Validation Of A Risk Stratification Score For Identifying Patients At Increased Risk Of Surgical Site Infection Following Open Ventral Hernia Repair R. L. Berger1, S. C. Nicks1, J. A. Davila1, L. T. Li1, M. L. Clapp1, D. H. Berger2, M. K. Liang1; 1Baylor College Of Medicine And The Michael E. DeBakey VA Medical Center, Houston, Texas; 2Rice University, Houston, Texas; 3Houston VA Health Services Research & Development Center Of Excellence, Houston, Texas

22.2. One (not The Same): Comparing And Contrasting Differing Patient Co-morbidity And Risk Stratification Models For Hospital Safety And Outcome Program On Surgical Research S. D. Perez1,2, R. M. Owen1,2, J. F. Sweeney1,2; 1Emory University School Of Medicine, Atlanta, GA; 2Department Of Surgery Patient Safety And Data Management Program, Atlanta, GA

22.3. Increased Impact Of The National Surgical Quality Improvement Program On Surgical Research S. D. Perez1,2, R. M. Owen1,2, J. F. Sweeney1,2; 1Emory University School Of Medicine, Atlanta, GA; 2Department Of Surgery Patient Safety And Data Management Program, Atlanta, GA

22.4. A NSQIP Risk Assessment For Thyroid Surgery Based On Patient Co-morbidity C. R. Abraham1, A. Ata1, C. B. Carsello1, T. L. Chan1, S. C. Stain1, T. D. Beyer2; 1Albany Medical Center, Albany, NY

22.5. NSQIP And NIS Under-report Adverse Events In Appendicitis P. C. Tran1, M. K. Liang2, U. R. Phatak1, N. M. Tapia1, L. S. Kao1, J. W. Sullivan1, T. L. Chan1; 1Baylor College Of Medicine, Houston, TX; 2Baylor College Of Medicine And The Michael E. DeBakey VA Medical Center, Houston, TX; 3Baylor College Of Medicine - Ben Taub Hospital, Houston, TX; 4University Of Texas Health Science Center At Houston, Houston, TX

22.6. Prenatal Solid Tumor Volume Index: Novel Prenatal Predictor Of Adverse Outcome In Sacrococcygeal Teratoma A. Coleman1, B. Kline-Fath1, S. Keswani1, F. Lim1; 1Cincinnati Children’s Hospital Medical Center, Cincinnati, Ohio

22.7. Does Bigger Mean Better? An Outcome Comparison Of Tertiary Medical Centers And Community Hospitals Following Colorectal Cancer Surgery In An Equal Access System M. D. DeBarros1, M. W. Causey1, Q. Hatch1, D. Stoddard1, B. E. Fitzpatrick1, E. K. Johnson1, J. Maykel1, S. R. Steele1; 1Madigan Army Medical Center, Tacoma, WA; 2University Of Massachusetts Medical School, Worcester, MA

22.8. Defining Recurrence After Paraesophageal Hernia Repair: Correlating Symptoms And Radiographic Findings Q. Kawaji1, M. R. Marohn1, M. Stern1, R. M. Fleming1, M. A. Schwartz1, K. E. Steele1, A. O. Lidor1; 1Johns Hopkins University School Of Medicine, Baltimore, MD; 2Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD

22.9. Hospital Volume and Operative Mortality in the Modern Era B. N. Reames1, A. A. Ghaferi1, J. B. Dimick1; 1University Of Michigan Center For Healthcare Outcomes & Policy (CHOP), Ann Arbor, MI

EDUCATION 1: ADVANCES IN SURGICAL EDUCATION

Moderators: Rachel R. Kelz, MD & Eugene S. Kim, MD

23.1. Net Present Value Of Career Specialty Choices For Medical Students R. K. Sethi1, A. J. Henry1, E. M. Breen1, S. W. Ashley2, L. L. Nguyen1,2; 1Harvard Medical School, Boston, MA; 2Baylor Medical Center, Dallas, TX

23.2. One (not The Same): Comparing And Contrasting Differing Attitudes Toward Professionalism Between Fourth-year Medical Students And Surgeons In Training And Practice C. S. Hultman1, J. Wagner1, P. Rowland1, A. Connolly1, A. A. Meyer1, G. F. Sheldon1; 1University Of North Carolina - Department Of Surgery, Chapel Hill, NC

23.3. The Value Of Incorporating Live Animal Models In Third Year Medical Student Curriculum: Where Have All The Animal Models Gone? S. Daly1, N. A. Wilson1, D. Rinewalt1, C. Riley1, A. Growney1, S. Bines1, M. Lui1, J. Myers1; 1Rush University Medical College, Chicago, IL

23.4. Confusion, Not Safety, In Numbers; Pitfalls In Assessing Nontechnical Skills Of Large Teams S. Steinemann1, Y. S. Lim2,3, B. W. Berg2; 1University Of Hawaii Department Of Surgery, Honolulu, HI; 2University Of Hawaii SimTiki Simulation Center, Honolulu, HI; 3Gachon University Gil Hospital, Namdong-Gu, Incheon

23.5. Simulation Training In Critical Care: Does Practice Make Perfect? R. Springer2, J. W. Mah1, I. Shusdock1, R. Brautigam1, S. Donahue1, K. L. Butler1,2; 1Hartford Hospital, Hartford, CT; 2University Of Connecticut Health Center, Farmington, CT

23.6. Understanding The Relationship Between Surgical Outcomes And Residency Training - Models Of Surgical Education That Optimize Patient Outcomes A. L. Mahan1, V. A. Ferraris1, S. P. Saha1, J. T. Martin1; 1University Of Kentucky, Lexington, KY

23.7. Surgical Resident Learning Styles Have Changed Following The Implementation Of The 80-Hour Workweek R. C. Quillin1, T. A. Protts1, G. B. Young1, M. J. Edwards1, B. R. Davis1; 1University Of Cincinnati College Of Medicine - Department Of Surgery, Cincinnati, OH

23.8. Operative Report Teaching And Synoptic Operative Reports: A National Survey Of Surgical Program Directors G. B. Melton1, N. E. Burkart1, N. G. Frey1, J. G. Chipman1, D. A. Rothenberger1, S. M. Vickers1; 1University Of Minnesota, Minneapolis, MN

23.9. Outcomes Of A PGY-1 Clinical Coverage Scheme Intended To Minimize Night Float Activity And Maximally Preserve Operative Experience B. N. Reames1, C. P. Scally1, N. R. Teman1, P. G. Gauger1; 1University Of Michigan Department Of Surgery, Ann Arbor, MI; 2University Of Michigan Department Of Surgery, Ann Arbor, MI

23.10. American College Of Surgeons National Surgical Quality Improvement Program – Quality In Training Initiative Pilot Study M. M. Sellers1,2, J. C. Reinke1, S. Kreider1, C. Meisel1, K. Nelson1, A. Volpe1, N. Anzlovar1, C. Ko1, R. R. Kelz1; 1Hospital Of The University Of Pennsylvania, Philadelphia, PA; 2Northwestern Memorial Hospital, Chicago, IL; 3American College Of Surgeons, Chicago, IL; 4New York Hospital Queens, Flushing, NY; 5Cleveland Clinic, Cleveland, OH
Thursday, February 6, 2013

7:30AM - 9:30AM Integrated Oral Presentation Sessions I

GASTROINTESTINAL/NUTRITION 1: GI - HPB PHYSIOLOGY BEINVILLE

Moderators: Gregory D. Kennedy, MD & Eric Kimchi, MD

24.1. Severe Acute Pancreatitis: The Importance Of The Admitting Service And Timing Of Surgical Consultation S. L. Sangisety1, P. A. Escobar2, C. A. Andrew2, W. G. Cioffi2, D. T. Harrington1; Warren Alpert Medical School Of Brown University, Providence, RI; Warren Alpert Medical School Of Brown University, Providence, RI

24.4. Wnt Signaling Prevents Oxidative Hepatic Injury Through Enhanced Mitochondrial Function B. Liu1, R. Zhang1, G. Tao2, N. C. Hwang-Walld1, B. Liu2, Y. Koh2, K. G. Sylvester1; Department Of Surgery, Division Of Pediatric Surgery, Stanford University, Stanford, CA; Department Of General, Visceral And Pediatric Surgery, School Of Medicine, Heinrich Heine University, Duesseldorf, Düsseldorf

24.5. Comparative Quality Of Life Effectiveness For Bariatric Surgery N. Leva1, J. Morton1; Stanford Hospital And Clinics Department Of Surgery, Stanford, CA

24.6. Minimizing Unnecessary Parenteral Nutrition After Appendectomy In Children R. L. Bell1, W. Stehr1; Children's Hospital & Research Center Oakland, Oakland, CA

24.7. Fgf10 Overexpression Optimizes the Formation of Tissue-Engineered Small Intestine Y. Torashima1, D. E. Levin1, E. R. Barthe1, A. L. Speer1, F. G. Sala1, X. Hou1, T. C. Girsche1; Children's Hospital Los Angeles, Los Angeles, California; Nagasaki University Department Of Surgery, Nagasaki, Nagasaki

24.8. Peptic Ulcer Surgery In The Modern Era V. T. Schroeder1, T. N. Pappas1, S. N. Vase1, J. E. Scarborough1; Department Of Surgery, Durham, NC

24.9. The Role of Nrf2 in Expression of Hepatic-Stellate-Cell Secreted Factors That Protect Hepatocytes From Oxidative Stress A. S. Karim1, S. Nelson1, L. Y. Lee1, J. Johnson1, D. P. Foley1; University Of Wisconsin - Madison Department Of Surgery, Madison, WI; University Of Wisconsin - Madison School Of Pharmacy, Madison, WI

24.10. Internal Hernia After Gastrectomy With Roux-Y Reconstruction For Cancer K. J. Kelly1, P. J. Allen1, M. F. Brennen1, D. G. Coit1, V. E. Strong1; Memorial Sloan-Kettering Cancer Center, New York, New York

7:30AM - 9:30AM Integrated Oral Presentation Sessions I

GLOBAL HEALTH 1: GLOBAL HEALTH DIRECTORS

Moderators: Faisal G. Bakaeeen, MD & Sanjay Krishnaswami, MD

25.1. Global Trauma Surgeons Working In Low And Middle Income Countries - How Accessible Is ATLS? P. Ortiz1, T. Zakrison1; Hospital Eugenio Espejo, Quito, Pichincha; University Of Miami Miller School Of Medicine - Ryder Trauma Center, Miami, Florida

25.2. Can Focused Trauma Education Initiatives Reduce Mortality OR Improve Resource Utilization In A Low-Resource Setting? R. T. Petrozzi2, J. C. Byriringiro2, G. Ntakiyiruta2, R. Riviello2, S. M. Briggs1, T. Razek1, D. Deckelbaum2, R. G. Sawyer1, P. Kyamanywa1, J. F. Calland1; Department Of Surgery, Charlottesville, VA; Faculty Of Medicine, Butare, ; Department Of Surgery, Boston, MA; Department Of Surgery, Boston, MA; Centre For Global Surgery, Montreal, Quebec

25.3. Viewing International Collaborations From The Other Side: A Pilot Survey Of African Surgeons By the SUS Committee On Microinsurance H. Sandesara1, V. Rangan2; 1Nationwide Children's Hospital, Columbus, OH; 2Department Of Surgery, Nationwide Children's Hospital Los Angeles, Los Angeles, California; 2Children's Hospital & Research Center Oakland, Oakland, CA

25.4. Differential Medical Student Career Choices Among Nations In West Africa: The Importance Of Role Models And Economics M. Yoon1, E. Yang1, B. Nwomeh1, P. Ekehi1, J. Laryea1, S. Krishnaswami1; Department Of Surgery, Oregon Health & Science University, Portland, OR; Department Of Surgery, Nationwide Children's Hospital, Columbus, OH; Wright State University Department Of Surgery, Dayton, OH; Department Of Surgery, University Of Arkansas For Medical Sciences, Little Rock, AR

25.5. Site Of Initial Presentation Affects Cancer Outcome J. Patrick1, C. Smerthome1, K. Lukens-Bull1, D. F. Kraemer1, J. Hargrove1, D. Wood1, C. Volpe1; University Of Florida College Of Medicine Jacksonville, Jacksonville, Florida

25.6. Inguinal Lymph Node And Rectal Mucosal Biopsies For HIV Research Protocols In A Developing Nation: Patient Outcomes And Lessons Learned M. K. Rothenberger1, C. K. Mutulwa2, F. Ssali1, J. Jasurda1, T. Schmidt1, T. W. Schacker1, G. J. Beilm1, J. G. Chipman1; University Of Nigeria, Minnipolis, MN; Joint Clinical Research Centre, Kampa, Uganda

25.7. Ventral Hernia Repair In The Western World: Prospective International Study Demonstrates Similar Surgical Outcomes Found In Europe And USA B. A. Wormer1, D. T. Walters2, J. P. Bradley1, K. B. Williams1, V. B. Tsirline1, V. A. Augenstein1, B. T. Heniford1; Carolinas Medical Center, Charlotte, NC; Northwestern University Feinberg School Of Medicine, Chicago, IL

25.8. Hospital Characteristics, Not Patient Demographics, Influence Length Of Stay For Surgeries Covered By Yeshavini Microinsurance H. Sandesara1, V. Rangan1; Duke University Medical Center, Durham, NC; Harvard Business School, Boston, MA

25.9. Admission Screening For Parasites And Resistant Bacteria In Foreign Burn Patients: An 8 Year Retrospective Examination Of Honduran And Haitian Burn Patients Admitted To The Shriners Hospitals For Children-Boston P. H. Chang1, R. L. Sheridan1, J. Weber1, S. P. Fagan1, J. Goverman1; Shriners Hospitals For Children, Boston, MA; Massachusetts General Hospital & Harvard Medical School, Boston, MA

8th Annual Academic Surgical Congress 34 www.academicsurgicalcongress.org
ONCOLOGY 1: PANCREAS

Moderators: Allan Tsung, MD & Rebekah R. White, MD

26.1.STAT3 Inhibition Attenuates Chemoresistance And Enhances Drug Delivery In Pancreatic Cancer
J. A. Castellanos\textsuperscript{1}, N. Nagathihalli\textsuperscript{1}, Y. Beesetty\textsuperscript{1}, M. Reyzer\textsuperscript{1}, C. Shi\textsuperscript{2}, R. M. Caprioli\textsuperscript{1,3}, N. B. Merchant\textsuperscript{1,4,5}; 1Vanderbilt University Medical Center Department Of Surgery, Nashville, TN; 2Vanderbilt University Department Of Biochemistry, Nashville, TN; 3Vanderbilt University Department Of Pathology, Nashville, TN; 4Vanderbilt-Ingram Cancer Center, Nashville, TN; 5Vanderbilt University Department Of Cancer Biology, Nashville, TN

26.2.Serial In Vivo Passaging Of Human Pancreatic Tumors In Nude Mice Results In Aggressive Variants Enriched In Stem Cell Markers And PEAK1 Expression
C. A. Metildi\textsuperscript{1}, S. Kaushal\textsuperscript{1}, J. Strnad\textsuperscript{1}, T. Wright\textsuperscript{1}, J. A. Kelber\textsuperscript{1}, R. L. Klemke\textsuperscript{1}, R. M. Hoffman\textsuperscript{1}, M. Bouvet\textsuperscript{1}; 1University Of California - San Diego, La Jolla, CA; 2AntiCancer, Inc., San Diego, CA

26.3.Dual Targeting ErbB And Hedgehog (HH) Signaling Pathways In Pancreatic Ductal Adenocarcinoma (PDAC) Cells
B. L. Boursard\textsuperscript{1}, J. P. Arnoletti\textsuperscript{2}, A. Mikhaylina\textsuperscript{1}, M. J. Heslin\textsuperscript{1}, A. Frolov\textsuperscript{1}; 1University Of Alabama - Birmingham School Of Medicine, Birmingham, AL; 2The Center For Specialized Surgery At Florida Hospital, Orlando, FL

26.4.Extracellular Superoxide Dismutase (EcSOD) Expression In Pancreatic Adenocarcinoma
B. R. O’Leary\textsuperscript{1}, A. M. Bellizzi\textsuperscript{1}, F. E. Domann\textsuperscript{1}, J. J. Mezir\textsuperscript{1}; 1University Of Iowa Carver College Of Medicine, Iowa City, IA

26.5.Impact Of Tumor Grade On Prognosis In Pancreatic Cancer: Validation Of A Novel “TNMG” Staging System
M. M. Rochefort\textsuperscript{1,2}, G. W. Donald\textsuperscript{1}, B. E. Kadera\textsuperscript{1}, T. R. Donahue\textsuperscript{1}, H. A. Reber\textsuperscript{1}, O. J. Hines\textsuperscript{1}, J. S. Tomlinson\textsuperscript{1,2}; 1UCLA Department Of Surgery, Los Angeles, CA; 2Veterans Affairs Greater Los Angeles Healthcare System, Los Angeles, CA

26.6.140 Portal/Superior Mesenteric Vein Resections During Pancreaticoduodenectomy: Evolution Of Technique And Lessons Learned
A. M. Cameron\textsuperscript{1}, R. N. Wesson\textsuperscript{1}, H. H. Leng\textsuperscript{1}, J. L. Cameron\textsuperscript{1}, C. L. Wolfgang\textsuperscript{1}, B. H. Edil\textsuperscript{1}, M. A. Choti\textsuperscript{1}, T. M. Pawlik\textsuperscript{1}, M. A. Makary\textsuperscript{1}, F. Eckhauser\textsuperscript{1}, K. Hirose\textsuperscript{1}, N. Ahuja\textsuperscript{1}, A. L. Singer\textsuperscript{1}, N. N. Dagher\textsuperscript{1}, R. D. Schulick\textsuperscript{1}; 1The Johns Hopkins University School Of Medicine, Baltimore, Maryland

26.7.Resected Pancreatic Cancer With Favorable Prognosis: Is Adjuvant Therapy Beneficial?
C. M. Vollmer\textsuperscript{1}, C. Wang\textsuperscript{1}, P. Watson\textsuperscript{1}, E. Little\textsuperscript{1}, K. F. Pirollo\textsuperscript{1}, A. Ra\textsuperscript{1}, D. J. Cole\textsuperscript{1}, E. H. Chang\textsuperscript{1}, D. K. Watson\textsuperscript{1}; 1Medical University Of South Carolina, Charleston, SC; 2Georgetown Lombardi Cancer Center, Washington, DC

26.10.MicroRNA-21 In Pancreatic Ductal Adenocarcinoma Tumor-Associated Fibroblasts Promotes Metastasis
B. A. Boone\textsuperscript{1}, A. Li\textsuperscript{1}, P. Toste\textsuperscript{1}, N. Wu\textsuperscript{1}, D. W. Dawson\textsuperscript{1}, T. R. Donahue\textsuperscript{1}; 1University Of California - Los Angeles School Of Medicine, Los Angeles, CA
27.1. Thiocoraline Reduces Cell Proliferation and Activates the Notch Pathway in Medullary Thyroid Cancer Cells
S. Tesfazghi1, J. Eide1, A. Dammalapati1, C. Korlesky1, T. P. Wyche2, T. S. Bugini2, H. Chen1, R. Jaskula-Sztul1; 1University of Wisconsin School of Medicine and Public Health - Department of Surgery, Madison, WI; 2University of Wisconsin School of Pharmacy, Madison, WI

27.2. TRAIL Induced Apoptosis Is Enhanced By Inhibition Of The MAPK And PI3K/AKT Pathways In Thyroid Cancer Cells
V. Gunda1, O. Bucur1, J. Varnau1, J. Lawler1, R. Khosravi-Far2, S. Parangi1; 1Massachusetts General Hospital & Harvard Medical School, Boston, MA; 2Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA

27.3. Obesity in Patients With Primary Hyperparathyroidism Is Associated With Alterred IOPTH Kinetics And Failure Of IOPTH To Predict Persistent Disease
R. M. Cisco1, J. H. Kuo1, A. Scholten1, J. E. Gosnell1, O. H. Clark1, Q. Duh1, W. T. Shen1; 1UCSF Department Of Surgery, San Francisco, CA; 2UC Davis Department Of Surgery, Sacramento, CA

27.4. Simultaneous Suppression Of The MAP Kinase And PI3K/AKT Pathways In Aggressive Thyroid Cancer
X. Li1,4, Z. A. Elmageed2, E. Kandill1,3; 1Department Of Surgery Tulane University School Of Medicine, New Orleans, LA; 2Department Of Pharmacology, Tulane University School Of Medicine, New Orleans, LA; 3Department Of General Surgery, Xiangya Hospital, Changsha, Hunan

27.6. Optimal Timing For Repeat Thyroid Biopsy
A. Khan2, J. Buell1, A. Abbas1, E. Kandill1; 1Tulane University School Of Medicine, Department Of Surgery, New Orleans, LA; 2Tulane University School Of Medicine, Department Of Endocrinology, New Orleans, LA; Tulane University School Of Public Health And Tropical Medicine, New Orleans, LA

27.7. Functional Variants of the Lepr Gene in Patients With Hyperparathyroidism
G. R. Sue1, D. Hoang1, A. Li1, N. Pizzoferrato1, J. A. Sosa1, S. A. Roman1, A. T. Dewan1, D. Narayan1; 1Yale University School Of Medicine, New Haven, CT

27.8. Racial And Ethnic Variation In Presentation Stage And Clinical Outcomes In Papillary Thyroid Carcinoma: A 20-year Population-base Outcome Study Involving 45,151 Patients
S. Pawar1,4, V. Murthy1,3, R. S. Chamberlain1,2,3; 1Saint Barnabas Medical Center, Livingston, NJ; 2University Of Medicine And Dentistry Of New Jersey, Newark, NJ; 3Saint George’s University, West Indies; 4University Of Medicine And Dentistry Of NJ - NJ Medical School, Piscataway, NJ

27.9. Plasma MiRNA Profile As Circulating Biomarkers Of Papillary Thyroid Carcinoma
J. C. Lee1,2, J. Zhao1, R. J. Clifton-Bligh1,3, B. G. Robinson1,3, S. B. Sidhu1,2; 1Kolling Institute Of Medical Research, Royal North Shore Hospital, Sydney, NSW; 2University Of Sydney Endocrine Surgical Unit, Royal North Shore Hospital, Sydney, NSW; 3Department Of Endocrinology, Royal North Shore Hospital, Sydney, NSW

27.10. Pancreastatin: The Next Predictive Neuroendocrine Tumor Marker
S. Rustagi1, R. R. Warner1, C. M. Divino1; 1The Mount Sinai School Of Medicine, New York, NY
ONCOLOGY 3: COLORECTAL/GI

Moderators: Scott R. Steele, MD & Larissa KF Temple, MD

28.1.PARP Inhibition Chemosensitizes Colorectal Cancer Stem Cells A. G. Mace¹, A. Jarrar¹, F. Lotti³, G. Gantt², J. N. Rich³, M. F. Kalady¹,²,⁴; ¹Cleveland Clinic, Digestive Disease Institute, Department of General Surgery, Cleveland, OH; ²Cleveland Clinic, Digestive Disease Institute, Department of Colon and Rectal Surgery, Cleveland, OH; ³Cleveland Clinic Lerner Research Institute, Department of Stem Cell and Regenerative Medicine, Cleveland, OH; ⁴University Hospital-Case Medical Center and Case Comprehensive Cancer Center, Dept. of Molecular Medicine, Cleveland, OH; ⁵Cleveland Clinic Lerner Research Institute, Cancer Biology Department, Cleveland, OH

28.2.MicroRNA-147 Induces A Mesenchymal To Epithelial Transition (MET) And Reverses Intrinsic Resistance Of Colon Cancer Cells To EGFR Inhibitor Therapy C. Lee¹, T. Yeatman¹; ¹Moffitt Cancer Center and Research Institute, Tampa, FL

28.3.Intercellular Adhesion Molecule 1 (ICAM-1) Mediates Murine Colon Adenocarcinoma Invasion K. G. Howard¹, K. K. Lo¹, X. Meng¹, L. Ao¹, F. Gamboni¹, B. H. Edil¹, R. D. Schulick¹, C. C. Barnett¹; ¹University of Colorado School of Medicine, Aurora, CO; ²Denver Health Medical Center, Denver, CO; ³University of Colorado Health Science Center, Aurora, CO

28.4.Inhibition Of TAK1 Decreases Colon Cancer Cell Survival By Thiol-dependent Oxidative Stress J. E. Hrabe¹, F. E. Domann¹, D. R. Spitz¹, J. J. Mezhir¹; ¹University of Iowa Carver College of Medicine, Iowa City, IA

28.5.Critical Assessment Of Rectal Cancer Staging By Endoscopic Rectal Ultrasound (ERUS) Following Neoadjuvant Chemoradiation A. Patterson¹, K. Armeson¹, P. Rodriguez¹, B. Anderson¹, B. Hill¹, J. Romagnuolo¹, N. Esnaola¹, D. Cole¹, E. Camp¹; ¹Medical University of South Carolina, Charleston, SC

28.6.The Expression Of Ezrin Is Increased In Colorectal Cancer Metastasis Compared To Primary Tumors A. Rajput¹, P. Leiphraekpam¹, G. Wan¹, M. Mathiesen¹, E. Agarwal², M. G. Brattain³, S. Chowdhury²; ¹University Of New Mexico HSC, Albuquerque, NM; ²Eppley Cancer Center, Omaha, NE

28.7.Improving Sensitivity To Irinotecan Using 5-Azacitidine In Colon Cancer Cell Lines R. J. Vatapalli¹, A. A. Guzzetta¹, T. Fu¹, L. H. Syed¹, R. Kwak¹, N. Ahuja¹; ¹Johns Hopkins University School of Medicine, Baltimore, Maryland

28.8.Physician Follow-up And Guideline Adherence In Post-Treatment Surveillance Of Colorectal Cancer G. M. Vargas¹, K. M. Sheffield¹, A. Parmar², Y. Han¹, K. M. Brown¹, T. S. Riall¹; ¹University Of Texas Medical Branch, Galveston, Texas; ²University Of California San Francisco - East Bay, Oakland, California

28.9.Gene Expression Signature Associated With Rectal Cancers With Poor Response To Chemoradiation G. A. Gantt¹, Y. Chen², D. Sohal³, K. DeJulius⁴, A. G. Mace¹, J. S. Barnholtz-Sloan², M. F. Kalady¹,²,⁴; ¹Department Of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Cleveland, OH; ²University Hospital-Case Medical Center And Case Comprehensive Cancer Center, Cleveland, OH; ³Solid Tumor Oncology, Cleveland Clinic, Cleveland, OH; ⁴Cancer Biology Department, Lerner Research Institute, Cleveland Clinic, Cleveland, OH

28.10.Signet Ring Cells In Pseudomyxoma Peritonei – A Marker For Poor Survival P. K. Shah¹, P. K. Nahar¹, S. Shah¹, P. G. M. W. Thomas¹, G. Venkatesh⁵, B. Natrajan¹, P. Sharma¹, B. Loggie¹; ¹Creighton University Medical Center, Omaha, NE; ²Creighton University Medical Center, Omaha, NE; ³Creighton University Medical Center, Omaha, NE; ⁴Creighton University Medical Center, Omaha, NE; ⁵Creighton University Medical Center, Omaha, NE
ONCOLOGY 4: BREAST

Moderators: Celia Chao, MD & Lee G. Wilke, MD

29.1. Patient Surveillance After Breast Cancer Treatment: Variation Among Metropolitan Statistical Areas. R. J. Avino¹, J. A. Margenthaler², E. S. Allam¹, L. Chen³, K. S. Virgo⁴, F. E. Johnson¹;¹Saint Louis University Medical Center, St. Louis, MO; ²Washington University Medical Center, St. Louis, MO; ³American Cancer Society, Atlanta, GA

29.2. The Identification And Characterization Of Microtubule Associated Serine-Threonine Kinase Gene Fusions In Breast Cancer S. C. DeRoo¹, A. Polliakov², V. Kothari³, D. Robinson⁴, S. Shankar⁵, M. Iyer¹,², X. Cao²,³, X. Jing²,³, C. Kumar-Sinha²,³, A. Chinnaiyan¹,²,³,⁴;¹University Of Michigan Medical School, Ann Arbor, MI; ²Michigan Center For Translational Pathology, Ann Arbor, MI; ³Howard Hughes Medical Institute, Chevy Chase, MD; ⁴Department Of Pathology, University Of Michigan, Ann Arbor, MI; ⁵Department Of Surgery, University Of Michigan, Ann Arbor, MI

29.3. Impact Of Fertility Concerns On Tamoxifen Adherence In Young Women With Breast Cancer N. C. Llarena¹, O. A. N¹,², J. S. Jeruss²;¹Northwestern University Feinberg School Of Medicine, Chicago, IL; ²Robert H. Lurie Comprehensive Cancer Center Of Northwestern University, Department Of Surgery, Chicago, IL

29.4. Inhibition Of CDK Mediated Smad3 Phosphorylation Results In Decreased Oncogenic Phenotypes In Triple Negative Breast Cancer Cells E. Tarasewicz¹,², L. D. Rivas¹,², J. S. Jeruss¹,²;¹Northwestern University Feinberg School Of Medicine, Chicago, IL; ²Robert H. Lurie Comprehensive Cancer Center, Chicago, IL

29.5. Muscle-Sparing TRAM Flap Design Does Not Protect Breast Reconstructions From Post-Mastectomy Radiation Damage In Comparison To DIEP Flap Design P. B. Garvey¹,², M. W. Clemens¹, A. Hoy¹, S. J. Kronowitz¹, C. E. Butler¹;¹The University Of Texas MD Anderson Cancer Center, Houston, Texas

29.6. ATP-binding Cassette Transporter ABCC11 Is Highly Expressed In Aggressive Breast Cancer Subtypes And Related With Worse Disease-free Survival A. Yamada¹,²,³, A. Ishikawa¹, I. Ota¹, M. Kimura¹, D. Shimizu¹, M. Tanabe¹, T. Aoyagi¹,², M. Nagahashi¹,², T. Chishima¹, T. Sasaki¹, Y. Ichikawa¹, K. Takabe¹,², I. Endo¹;¹Division Of Surgical Oncology, Virginia Commonwealth University School Of Medicine, Richmond, VA; ²Department Of Biochemistry And Molecular Biology, And Massay Cancer Center, Virginia Commonwealth University, Richmond, VA; ³Department Of Breast And Thyroid Surgery, Yokohama City Medical Center, Yokohama, Kanagawa; ³Department Of Pathology, Yokohama City Medical Center, Yokohama, Kanagawa; ³Department Of Clinical Oncology And Breast Surgery, Yokohama City University School Of Medicine, Yokohama, Kanagawa

29.7. High TFAP2C/Low CD44 Expressing Breast Cancers Are Associated With An Increased Rate Of Pathologic Complete Response With Neoadjuvant Chemotherapy P. M. Spanheimer¹, R. W. Askeland¹, R. J. Weigel¹;¹University Of Iowa Carver College Of Medicine, Iowa City, IA

29.8. A MAPK Dependent Pathway Induces Epithelial Mesenchymal Transition (EMT) Via Twist Activation In Human Breast Cancer Cell Lines N. Y. Li¹, C. E. Weber¹, P. Y. Wai¹, B. Cuevas¹, P. C. Kuo¹, Z. Mi¹;¹Loyola University Chicago Stritch School Of Medicine, Maywood, IL

29.9. A Prospective Randomized Double-Blinded Trial Of Topical NSAID Therapy For The Reduction Of Pain In Women Receiving Breast Radiation For Breast Cancer N. G. Callaway¹, W. Stone¹, P. Bistolarides¹;¹CMU Healthcare, Saginaw, Michigan

29.10. Adherence To Processes Of Care And Perioperative Mortality Among Cancer Patients S. L. Revels¹, J. D. Birkmeyer¹, H. Yin¹, M. Banerjee¹, S. L. Wong¹;¹University Of Michigan Department Of Surgery, Ann Arbor, MI
Moderators: Sundeep G. Keswani, MD & Kasper S. Wang, MD

30.1.Interleukin-10 And Hyaluronan Are Essential To The Fetal Fibroblast Functional Phenotype A. Leung¹, S. Balaji¹, L. D. Le¹, E. Marsh¹, Y. Dhamija¹, I. Sharma-Crawford¹, M. Habili¹, T. M. Cmbleholme¹, S. G. Keswani¹; ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH; ²Children's Hospital Colorado, Aurora, CO

30.2.Donor-Specific NK Cell Anergy In Prenatal Allogeneic Chimeras Is Transiently Reversed During Viral Illness, But Does Not Result In Loss Of Engraftment K. O. Ryken¹, L. E. Turner¹, R. Wadhwan¹, A. M. Alhajjat¹, A. F. Shaaban¹; ¹University Of Iowa Carver College Of Medicine, Iowa City, IA

30.3.Obscure Lung Disease Induced By Mesenchymal Specific Inhibition Of Vascular Endothelial Growth Factor (VEGF) D. E. Levin¹, H. Xiaogang¹, S. Navarro¹, O. Garcia¹, J. Lee¹, B. Driscoll¹, T. C. Grikscièl¹; ¹Children's Hospital Los Angeles, Los Angeles, CA

30.4.Fgfr-Akt-Beta-Catenin and Tgfbeta-Smad3 Signaling Pathways Are Associated With Expansion and Epithelial-Mesenchymal Trans Differentiation Of Cd133pos Cd49fps Cells In Murine Model Of Biliary Atresia. N. Navila¹, D. James¹, P. Shivalakumar¹, S. Utley¹, A. Wu¹, K. Mak¹, C. Vendrayes¹, J. Bezerara¹, K. Wang¹; ¹Children's Hospital Los Angeles, Los Angeles, CA; ²Cincinnati Children's Hospital Medical Center, Cincinnati, OH

30.5. The Role Of Prolyl Hydroxylase Domain-2 And Hif-1alpha In Wound Healing A. S. Zimmermann¹, S. D. Morrison¹, M. Sorkin¹, G. C. Gurtner¹, M. T. Longaker¹; ¹Hagey Laboratory Of Preadventive Medicine, Stanford, CA; ²Stanford University School Of Medicine Department Of Surgery, Palo Alto, CA; ³Institute Of Stem Cell Biology And Regenerative Medicine Stanford University School Of Medicine, Stanford, CA; ⁴Stanford University School Of Medicine, Palo Alto, CA

30.6. Immunologic Regulation Of Pancreatic Ductal Inversion Of Islets J. Wiersch¹, K. B. Gordon¹, G. F. Barber², R. W. Holdcraft³, N. Turgeon¹, G. P. Larsen¹, L. Gazda¹, G. J. Weber⁴; ¹Emory University School Of Medicine, Atlanta, GA; ²The Rogosin Institute, Xenia Division, Xenia, Ohio

30.7. Applications And Limitation Of Of Cre Technologies In Doubling The Number Of Homozygous Mutant Mouse Embryos In A Litter P. F. Nichol¹, L. E. Turner¹; ¹University Of Wisconsin - Madison Department Of Surgery, Madison, WI

30.8. Lentiviral Mediated IL-10 Overexpression Enhances Wound Healing Via A STAT3 Dependent Increase In Endothelial ProgenitorCells A. Leung¹, S. Balaji¹, L. D. Le¹, T. M. Cmbleholme¹, S. G. Keswani¹; ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH; ²The Children's Hospital Colorado, Aurora, CO

30.9. Transduction Efficiency Of Pseudotyped Adeno-Associated Viral Vectors For Gene Transfer In Dermal Fibroblasts To Modulate Wound Healing S. Balaji¹, Y. Dhamija¹, A. Leung¹, L. Le¹, E. Marsh¹, T. M. Cmbleholme¹, S. G. Keswani¹; ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH; ²Children's Hospital Colorado, Aurora, CO

30.10. Misexpression Of Human JAGGED1 Causes Disorganization Of The Biliary Tree In Zebrafish Consistent With A Biliary Atresia Phenotype M. G. Groff¹, E. Zuniga², G. Crump², K. S. Wang²; ¹Children's Hospital Los Angeles, Los Angeles, CA; ²University Of Southern California, Los Angeles, CA

31.1. Significantly Poorer Survival Of Liver Transplant Recipients With Hepatocellular Carcinoma (HCC) And High True MELD M. Gupta¹, P. Perrett¹, D. Goldberg¹, L. L. Abt²; ¹University Of Pennsylvania - Department Of Surgery, Philadelphia, PA; ²University Of Pennsylvania - Department Of Surgery-Division Of Transplantation, Philadelphia, PA; ³University Of Pennsylvania - Department Of Medicine-Division Of Gastroenterology, Philadelphia, PA

31.2. Interferon Regulatory Factor-1 (IRF-1) Upregulates The Pro-Apoptotic Protein XIAP-Associated Factor-1 (XAF-1) In Liver Transplant I/R Injury R. A. How¹, J. R. Klune¹, S. Kimura¹, S. Yokota¹, A. V. Spadaro¹, C. Bartels¹, Q. Du¹, A. Tsung¹, N. Murase¹, D. A. Geller¹; ¹University Of Pittsburgh Medical Center, Pittsburgh, PA; ²University Of Pittsburgh, Pittsburgh, PA

31.3. Immune Characterization And Differentiation Of Murine Embryonic Stem Cells To Definitive Endoderm For Treatment Of Liver Disease A. L. Hill¹, O. Martinezz¹, S. M. Krams², C. Esquivel¹; ¹University Of California - Los Angeles School Of Medicine, Los Angeles, CA; ²Stanford University Hospital And Clinics Department Of Surgery, Stanford, CA

31.4. Protecting Steatotic Livers For Transplantation By Upregulation Of Home Oxygenase-1 Fused With A Cell-Penetrating Peptide (CPP) A. Hanouf¹, S. Cimen¹, S. Livingstone¹, E. Brouwers¹, H. Sapp¹, D. Woodhall¹, L. Alwayn¹; ¹Dalhousie University, Halifax, Nova Scotia

31.5. Protective Role Of Simultaneous Complement And Toll-like Receptor Blockade In The Context Of Renal Ischemia-reperfusion Injury J. S. Danobeitia¹, X. Ma¹, A. VanWart¹, M. Ziemelis¹, L. A. Fernandez¹; ¹University Of Wisconsin - Madison, Madison, WI

31.6. Human And Porcine Islet Transplants In A New Double Capsule S. A. Safley¹, K. B. Gordon¹, G. F. Barber², R. W. Holdcraft³, N. Turgeon¹, G. P. Larsen¹, L. Gazda¹, G. J. Weber⁴; ¹Emory University School Of Medicine, Atlanta, GA; ²The Rogosin Institute, Xenia Division, Xenia, Ohio

31.7. Clonal Deletion Of Donor-Reactive T Cell Subsets In Predental Allogeneic Chimeras Is Preserved During Potent Viral Infection K. O. Ryken¹, L. E. Turner¹, R. Wadhwan¹, A. M. Alhajjat¹, A. F. Shaaban¹; ¹University Of Iowa Carver College Of Medicine, Iowa City, IA

31.8. Poor Outcome In Bacterial Peritonitis Is Associated With Dysregulated MicroRNAs Resulting In An Increased Inflammatory Response R. E. Barnett¹, R. C. Kesey¹, A. T. Billetter¹, W. G. Cheadle¹²; ¹Hiram C. Polk Jr. Department Of Surgery, University Of Louisville, Louisville, KY; ²Robley Rex Veterans Affairs Medical Center, Louisville, KY

31.9. Efficacy Of Stem Cell Therapy In A Hind Limb Ischemia-Reperfusion Injury In A Murine Model: The Critical Role Of Indoleamine 2,3 Dioxygenase (IDO) M. Masoumy¹, J. C. Yu¹, J. Y. Liu¹, M. S. Mozaffari³, B. Baban³; ¹Georgia Health Sciences University, Augusta, GA; ²Georgia Health Sciences University, Augusta, GA; ³Georgia Health Sciences University, Augusta, GA

31.10. Rapamycin Increases Dendritic Cell Mediated Tumor Immunity J. T. Vazzana¹, K. E. Wooten¹², J. F. Gibbs¹; ¹University Of Pittsburgh School Of Medicine, Pittsburgh, PA; ²University Of Southern California, Los Angeles, CA
32.1. Effect of Burn Injury on Mesenchymal Stem Cell Niches: The Mechanism And Possible Treatment For Heterotopic Osseous Formation
B. Levi¹, J. Risiewicz¹, J. Rinkinen¹, J. Peterson¹, S. Deshpande¹, J. Bayliss¹, M. Hennimuta¹, C. Xi², G. Su³, S. R. Buchman³, P. S. Ceder- erna¹, S. C. Wang¹; ¹University Of Michigan, Ann Arbor, Michigan

32.2. Effect Of An NF-kB Inhibitor On The Cell Population In The Fibroblast-Populated Collagen Matrix
D. A. Doyle¹, J. Chao¹, D. Heimann¹,², T. Pe²³, C. Hansen¹,², M. A. Carlson¹; ¹University Of Nebraska Medical Center, Omaha, NE; ²Veterans Affairs Medical Center, Omaha, NE; ³University Of Nebraska Lincoln, Lincoln, NE

32.3. Alcohol Exposure Impairs Human Liver Stem Cell Self-Renewal And Differentiation
X. Shi¹, C. C. Chang², M. D. Bassoni³, B. L. Upham², P. Zhang³; ¹Department Of Surgery, Michigan State University College Of Human Medicine, Lansing, MI; ²Department Of Pediatrics, Michigan State University College Of Human Medicine, East Lansing, MI

32.4. UBM-ECM Improved Skeletal Satellite Cell Proliferation And Differentiation 28 Days After Cryoinjury
M. C. Stanley¹,², J. Song², C. Wetzel³, P. Hornsby²³, S. Wolf²,³; ¹University Of Texas Health Science Center At San Antonio, San Antonio, Texas; ²University Of Texas Southwestern Medical Center, Dallas, Texas; ³University Of Texas Health Science Center At San Antonio, San Antonio, Texas; ⁴South Texas Veterans Healthcare System, San Antonio, Texas; ⁵University Of Texas Health Science Center At San Antonio, San Antonio, Texas; ⁶University Of Texas Southwestern Medical Center, Dallas, Texas

32.5. The Role Of Interleukin-33/ST2 Pathway In Hepatic Ischemia/Reperfusion Injury
K. C. McDonald¹, H. Huang¹, H. Chen¹, A. Tsung¹; ¹University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA

32.6. Granulocyte Colony Stimulating Factor In Protection Against Liver Ischemia/reperfusion Injury
S. Kim¹, Q. Sun¹, C. Cai¹, J. P. Pribis¹, S. Kim¹, I. Nassour¹, P. Loughran¹, M. Scott¹, B. R. Timothy¹; ¹Department Of Surgery, University Of Pittsburgh, Pittsburgh, PA

32.7. Lymphocytes From Septic Geriatric Patients Display Functional Exhaustion
M. Kettanmann¹, C. Chun-Shiang², W. G. Cioffi³, A. Ayala¹, D. S. Heffernan¹; ¹Division Of Surgical Research, Department Of Surgery, Brown University, Providence, RI

32.8. Blocking The P2X7 Receptor In A Rat Nerve-Injury Model Improves Long Term Functional Outcomes
C. L. Rodriguez-Foo¹, K. Sexton¹, R. B. Boyer¹, A. O. Pollins¹, N. L. Cardwell², L. B. Nanney³, B. Shack⁴, W. P. Thayer⁴; ¹Vanderbilt University School Of Medicine, Nashville, TN; ²Vanderbilt University Department Of Plastic Surgery, Nashville, TN

32.9. Teenage Gender Impacts Mortality After Traumatic Brain Injury
S. S. Short¹, L. Diao¹, M. B. Singer¹, D. Marguilles¹, B. Bukur¹, A. Salim¹, E. J. Levy¹; ¹Cedars-Sinai Medical Center, Los Angeles, California

32.10. Banked Platelets Showed Decrease Mitochondrial Respiratory Capacities And Progressively Decrease Response To Activation
J. P. Perales¹, Y. Guan¹, M. Selak¹, L. B. Becker¹, C. Sims¹; ¹Hospital Of The University Of Pennsylvania - Trauma Division, Philadelphia, PA; ²Hospital Of The University Of Pennsylvania - Emergency Department, Philadelphia, PA

33.1. Does Scene Physiology Predict Helicopter Transport Trauma Admission
A. J. Medvecz¹, J. B. Hill, J. Brywczynski¹², O. Gunter¹², M. Davidson¹, O. Guillasmondégui¹²; ¹Vanderbilt University School Of Medicine, Nashville, Tennessee; ²Vanderbilt University Medical Center, Nashville, Tennessee; ³NYU Langone Medical Center, New York, New York

33.2. Utilization Of The Random Forest Algorithm To Predict Trauma Patient Disposition Based On Pre-hospital Variables
M. L. Sbero¹, H. Radhakrishnan¹, B. Cotton¹, A. Dua¹, D. DelJunco¹, C. Wade¹, J. B. Holcomb¹; ¹Center For Translational Injury Research (CeTIR), Department Of Surgery, University Of Texas Health Science Center At Houston, Houston, Texas

33.3. Bedside Sonographic Assessment Of Intravascular Volume Status In The Surgical Intensive Care Unit: Is Subclavian Vein Collapsibleity Equivalent To Inferior Vena Cava collapsibility?
A. J. Kent¹, D. P. Bahner¹, D. S. Eiferman¹, C. T. Boulger¹, A. Springer¹, E. J. Adkins¹, D. C. Evans¹, S. Yeager¹, G. J. Roselant¹, S. P. Stawiarski¹; ¹The Ohio State University College Of Medicine, Columbus, OH

33.4. Cadaver Study To Trace Intramuscular Tendons Of The Leg With Application To Muscle Laceration Repair
D. H. Ballard¹, K. T. Hedgepeth¹, A. M. Hollister¹, K. J. Campbell¹, A. M. Youssef¹; ¹Louisiana State University Health Sciences Center- Shreveport, Shreveport, LA

33.5. Cadaver Study To Trace Intramuscular Tendons Of The Leg With Application To Muscle Laceration Repair
D. H. Ballard¹, K. T. Hedgepeth¹, A. M. Hollister¹, K. J. Campbell¹, A. M. Youssef¹; ¹Louisiana State University Health Sciences Center- Shreveport, Shreveport, LA
SCIENTIFIC PROGRAM  Wednesday, February 6, 2013

7:30AM - 9:30AM  Integrated Oral Presentation Sessions I

TRAUMA/Critical Care 3: Clinical Challenges At The Urban Trauma Center

Moderators: Hassan B. Alam, MD & Zara R. Cooper, MD

34.1 Penetrating Injuries In Urban Female Patients: Worrisome Trends Outside Our Social Radar? C. L. Jacobides1, B. Bruns1, D. Holena1, C. A. Sims1, P. M. Reilly1, J. L. Pascual1 ; 1University Of Pennsylvania, Philadelphia, PA

34.2 Cost-Utility Analysis Of Prehospital Spine Immobilization For Penetrating Trauma A. Garcia1, T. H. Liu1, E. J. Mirafiori1, L. Y. Yeung1, G. P. Victorino1 ; 1UCSF-East Bay Department Of Surgery, Oakland, CA

34.3 Homeless Trauma Patients - A Unique Challenge A. M. Blakely1, R. Merritt1, A. H. Stephen1, S. C. Gregg1, M. D. Connolly1, C. A. Adams1, W. G. Ciolfi1, D. S. Heffernan1 ; 1Division Of Trauma And Surgical Critical Care, Providence, RI

34.4 Poverty Kills: Socioeconomic Disparity In Inpatient Mortality Following Traumatic Injury In Adults M. T. Ali1, X. Hui1, Z. G. Hashmi1, N. Dhiman1, V. K. Scott1, D. T. Efron1, E. B. Schneider1, A. H. Haider1 ; 1Center For Surgiral Trials And Outcomes Research, Johns Hopkins University School Of Medicine, Baltimore, MD

34.5 Is Trauma Transfer In California Influenced By Insurance Status? The Effect Of Payer Status On The Transfer Patterns Of Lower-Level Trauma Centers And Non-Trauma Center Hospitals In California. A. W. Chae1, D. Chang2, S. O. Rogers2 ; 1University Of California Davis Medical Center, Sacramento, CA; 2University Of California San Diego, San Diego, CA; 3Temple University Hospital, Philadelphia, PA

34.6 Is Rigid Sigmodioscopy Still Required For Evaluation After Pelvic Gunshot Wounds? R. N. Smith1, A. Strumwasser1, G. P. Victorino1 ; 1University Of California San Francisco - East Bay, Oakland, CA

7:30AM - 9:30AM  Integrated Oral Presentation Sessions I

Vascular 1: Aneurysm / Atherosclerosis / Inflammation

Moderators: Iraklis I. Pipinos, MD & Omaida C. Velazquez, MD

35.1 Routine Compared To Selective Use Of Completion Imaging After Infragenual Lower Extremity Bypass Is Not Associated With Higher Bypass Graft Patency T. Yan1,2, J. Kalish1,4, N. Hamburg1,2, A. Scharner1, R. Eberhardt1, D. Dybin1, G. Doros1, J. Cronenwett1, A. Farber1, 1Boston University School Of Medicine, Boston, MA; 2University Of California San Diego, San Diego, CA; 3Sylvester Comprehensive Cancer Center, University Of Miami, Miami, Florida, Miami, Florida; 4University Of Nebraska Medical Center, Omaha, NE

35.2 Peripheral Vascular Disease Patients Have Lower Percent Positive Circulating Progenitor Cells Compared To Abdominal Aortic Aneurysms Patients And Age-Matched Controls E. N. VanSpyk1, K. Chun1, S. A. Jami1, K. Samadzadeh1, E. S. Lee2,3 ; 1University Of California - Davis, Sacramento, CA; 2Sacramento Veterans Affairs Medical Center, Mather, CA

35.3 A Novel Nanotechnology Based Stem Cell Therapy For Diabetic Wound Healing D. M. Castilla1, Z. Liu1, R. Tian1, Y. Li1, O. C. Velazquez1,2, 1Department Of Surgery, University Of Miami Miller School Of Medicine, Miami, Florida, Miami, Florida; 2Sylvester Comprehensive Cancer Center, University Of Miami, Miami, Florida, Miami, Florida

35.4 Ginsenoside Rb1 Blocks Ritonavir-Induced Endothelial Dysfunction Through Estrogen Receptor-Beta Signaling And SOD1 Upregulation In Human Endothelial Cells J. L1, J. Jiang1, M. Jamaluddin1, Z. Liang1, Q. Yao1, C. Chen1 ; 1Baylor College Of Medicine, Houston, Texas

35.5 Tibial Artery Calcification Score Predicts Amputation Free Survival A. P. Marshall1, I. V. Voskresenskaya1, M. J. Osgood1, R. J. Guzman1 ; 1Division Of Vascular Surgery, Nashville, TN

35.6 Epigenetic Modifications Of IL-12 Gene Expression In Bone Marrow Hematopoietic Stem Cells Promote An M1, Pro-inflammatory Phenotype In Diabetic Peripheral Macrophages K. A. Gallagher1, A. Joshua1, P. K. Henke1, E. Feldman2, S. L. Kunke1 ; 1University Of Michigan Department Of Surgery, Ann Arbor, MI; 2University Of Michigan Medical School, Ann Arbor, Michigan

35.7 Quantification Of Cytokines In The Gastrocnemius And Serum Of Claudicating Patients With Peripheral Arterial Disease J. R. Thompson1, G. P. Casale1, S. A. Swanson1, P. Koutrakis1, K. Kim1, E. Papoutsis1, Z. Zhu1, D. Miserlis1, D. Ha1, J. M. Johanning1, I. I. Pipinos1 ; 1University Of Nebraska Medical Center, Omaha, NE

35.8 Differences In Aortic Arch Tortuosity, Neck Size, And Taper In Patients With Traumatic And Aortic Disease H. B. Alberta1, J. L. Secor1, T. G. Smiths1, M. A. Farber1, W. D. Jordan1, J. S. Matsuura1 ; 1University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI; 2University Of Alabama - Birmingham School Of Medicine, Birmingham, AL; 3University Of North Carolina School Of Medicine, Chapel Hill, NC

35.9 Vascular Smooth Muscle Cells From Abdominal Aortic Aneurysms Have Uniquely High Elastolytic Potential Associated With Activation Of MMP-2 N. D. Airth1, B. Arif1, J. Curci1 ; 1Washington University School Of Medicine, St Louis, MO
9:30AM - 10:00AM  Morning Break in Exhibit Area  CRESCENT CITY BALLROOM

10:00AM - 10:30AM  Founders Lecture  “Fogarty Institute for Innovation”  ROOSEVELT

**Thomas Fogarty, MD**
Founding Director, Fogarty Institute for Innovation

*Introduction by Melina R. Kibbe, MD, RVT, AAS President*

10:30AM - 11:30AM  AAS Presidential Address  “A Beacon of Hope”  ROOSEVELT

**Melina R. Kibbe, MD, RVT**

Associate Professor of Surgery, Edward G. Elcock Professor of Surgical Research, Vice Chair of Research, Department of Surgery, Deputy Director, Institute for BioNanotechnology in Medicine, Northwestern University; Co-Chief, Peripheral Vascular Service, Director, Vascular Laboratory, Jesse Brown VA Medical Center

*Introduction by Lillian S. Kao, MD, MS, AAS President-Elect*

11:30AM - 1:00PM  Association of Women Surgeons Luncheon  “Achieving Goals Through Strategic Partnerships”  WALDORF ASTORIA BALLROOM

**Moderator: Carla Pugh, MD**
Faculty: Caprice C. Greenberg, MD, Melina R. Kibbe, MD, RVT, William H. Pearce, MD, MPH & Michael J. Zinner, MD

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

1. List three key expectations of the mentor-mentee relationship.
2. Outline a mentorship strategy for helping to achieve their top 3 professional goals.
3. Perform a S.W.O.T. analysis on their top professional goal.

1:00PM - 2:30PM  AAS Presidential Plenary Session  “Publish or Perish – An Editor’s Point of View”  ROOSEVELT

**Moderator: Melina R. Kibbe, MD, RVT**

*Strategies to Publish in High Impact Journals*  Edward Livingston, MD, JAMA

*Top 5 Things that Get a Manuscript Rejected*  Michael Sarr, MD, Surgery

*The Do’s and Don’ts of Publishing*  Dave McFadden, MD, Journal of Surgical Research

*How to Get on an Editorial Board*  Julie Freischlag, MD, Archives of Surgery

*The Future of Publishing*  Keith Lillemoe, MD, Annals of Surgery

*Answers to the Top 10 Questions Posed from the AAS Membership*

*Open Discussion*

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

1. Understand strategies to publish in high impact journals.
2. Identify 5 things that result in rejection of manuscripts.
3. Understand the ethics of publishing.
4. Understand the process for appointing faculty to editorial boards.
5. Discuss the future of publishing.
2:30PM - 4:00PM  Breakout Session for Trainees Outcomes Breakout Session

Moderators: Justin B. Dimick, MD, MPH & Sandra Wong, MD

Research in Progress Presentations: Arden Morris, MD, Gretchen Schwarze, MD & Dorry Segev, MD

Breakout Groups:

• Career Development Tips/Pitfalls (Methodologic Training, Finding a Mentor/Faculty Position) (Facilitators: Drs. Amir Ghaferi, Julie Ann Sosa, & Tina Yen)

• Balancing clinical care and an outcomes research program (Facilitators: Drs. Ravi Chokshi & Tim Pawlik)

• Developing Research Collaboratives/Collaborative Networks (Facilitators: Drs. Justin Dimick & Tim Lee)

• Funding for HSR/Outcomes (Facilitators: Drs. Caprice Greenberg & Lillian Kao)

At the end of this session, participants will:
1. Learn career development tips.
2. Learn how to balance clinical care and an outcomes research program.
3. Learn how to develop research collaborative networks.
4. Learn how to seek funding for HSR/Outcomes.

----------or----------

2:30PM - 4:00PM  Basic Science/Translational research Breakout Session

“Getting Started as an Academic Surgeon with a Basic Science Focus”

Moderators: Melina R. Kibbe, MD, RVT & George P. Yang, MD, PhD

Breakout Groups:

• How much start-up money/resources do I need, and how do I negotiate for this? (Facilitators: Drs. Alan Dardik & Brian Zuckerbraun)

• Do I need my own lab space, or a bench in a senior investigator’s lab? (Facilitators: Drs. Greg Kennedy & George Yang)

• How do I protect my time to conduct research? (Facilitators: Drs. Raul Guzman & Melina Kibbe)

• Who are the right mentors for me? (Facilitators: Drs. Herb Chen & Mike Conte)

• Which personnel do I need to hire in the beginning (tech, post-doc, lab manager, animal tech, etc) and how do I go about doing that? (Facilitators: Drs. Dev Desai & Edith Tzeng)

• What is the best strategy to seek funding early in my career? (Facilitators: Drs. Scott LeMaire & Paula Shireman)

• How do I develop a research focus? (Facilitators: Drs. Funda Meric-Bernstam & Diane Simeone)

At the end of this session, participants will be able to:
1. Learn what resources are needed to start up a research lab.
2. Understand negotiation strategies to obtain space, resources, money, etc.
3. Learn strategies to protect their time to conduct research.
4. Understand the importance of selecting the right mentor.
5. Become knowledgeable about how to obtain seed money for their research.
6. Learn how to develop a research focus.

----------or----------
SCIENTIFIC PROGRAM

Wednesday, February 6, 2013

TUESDAY

2:30PM - 4:00PM

Education Breakout Session

WALDORF ASTORIA BALLROOM

Moderators: Kelli Bullard-Dunn, MD, Bethany Sacks, MD, Rebecca Sippel, MD & Wei Zhou, MD

Breakout Groups:

- How do I get an administrative role in education (clerkship director or residency program director)?
  (Facilitators: Drs. Rebecca Sippel, Matt Goldblatt, Danny Chu & Ranjan Sudan)

- How do I negotiate a job as a surgical educator and how do I get promoted as a surgical educator?
  (Facilitators: Drs. Steve Yang, Steve Goldin & Kelli Bullard Dunn)

- How can I become a leader in surgical education? How can I get involved at a national level?
  (Facilitators: Drs. Rebecca Minter, Amalia Cochran, Bethany Sacks & Roger Kim)

- How do I start an education research program and how do I get it funded?
  (Facilitators: Drs. Dimitrios Stefanidis, Wei Zhou, Roy Phitayakorn & Liane Feldman, MD)

At the end of the session, participants will be able to:

1. Gain a better understanding of how to develop an administrative role in surgical education.
2. Learn how to be promoted based upon educational activities.
3. Learn how to obtain a leadership role at the national level.
4. Learn how to establish and fund an educational research program.

4:00PM - 4:30PM

Afternoon Break in Exhibit Area

CRESCENT CITY BALLROOM

----------or----------

4:00PM - 4:30PM

AAS Student/Mentor Reception

CHAMBERS 1 - 3

4:30PM - 5:30PM

SUS New Member Poster Session

CRESCENT CITY BALLROOM - RIGHT HAND SIDE

CLINICAL TRIALS/OUTCOMES & EDUCATION

Poster Moderators: Edith Tzeng, MD & George P. Yang, MD, PhD

P1. Percutaneous cholecystostomy: single centre experience in 111 patients with an acute cholecystitis.; R. Peters,1

P2. A checklist checkup: interventions in safety culture improve adherence; K. Tsao,1

P3. Protecting patients from an unsafe system: the etiology and recovery of intra-operative deviations in care; C. C. Greenberg,1

P4. Congenital malformations are associated with assisted reproductive technology; S. B. Shew,1

P5. 8-Minute suture skills test predicts clinical technical performance in advanced trainees; T. A. Aloia,1

P6. Confusion, not safety, in numbers: pitfalls in assessing non-technical skills of large teams; S. K. Steinemann,1

EMERGING TECHNOLOGY & GASTROINTESTINAL/NUTRITION

Poster Moderators: Diane Simeone, MD & Scott R. Steele, MD

P7. Disparities in access to care over three years: patient portal usage versus outpatient care; G. P. Jackson,1

P8. Cost effectiveness of emerging techniques for cholecystectomy; B. K. Poulose,1

P9. Urothelium released ATP is increased in bladder dysfunction associated with type 2 diabetes; A. F. Olumi,1

P10. In situ photopolymerizable (sPIN) is an effective and biocompatible wound treatment for partial thickness wounds in experimental animal model; L.D. Faucher

P11. Context: A cornerstone of a surgeon’s clinical assessment of suitability for major elective surgery is best described as the “eyeball test”; M. Englesbe

P12. Application of physics laws to develop model of fecal continence factors; A.M. Kaiser

P13. Very low reoperation rate for laparoscopic Nissen fundoplication: A university healthsystem consortium analysis; Oleynikov
TUESDAY

ONCOLOGY

Poster Moderators: Herbert Chen, MD & David A. Geller, MD

P14. A high-throughput screen identifies compounds that restore e-cadherin expression and inhibit invasion in colorectal cancer cells; A. Pearson,1

P15. Identification of a candidate pancreatic cancer biomarker using in vitro aptamer selection; R. R. White,1

P16. Potential interactions of gene variants of genes in inflammation pathways and anti-inflammatory medication with risk of pancreatic cancer; K. M. Reid Lombardo,1

P17. Intraoperative imprint cytology and frozen section pathology for margin assessment in breast conservation surgery: a systematic review; L. G. Wilke,1

P18. TRAIL induced apoptosis is enhanced by inhibition of the MAPK and PI3K/AKT pathways in thyroid cancer cells; S. Parangi,1

P19. Comparison of cancer-associated genetic abnormalities in columnar-lined esophagus with and without goblet cells; T.E. Godfrey

P20. The opioid growth factor-opioid growth factor receptor axis regulates cell proliferation of human hepatocellular cancer; E. Kimchi

P21. Treatment of established brain tumors with an EGFRVIII-specific bispecific antibody; J. H. Sampson

P22. Oncologe efficacy is not compromised, and may be improved with minimally invasive esophagectomy; E.L. Rosato

P23. Preventable Readmissions After Surgery: Are There Targets for Improvements; M Maggard-Gibbons

PEDIATRICS/DEVELOPMENTAL BIOLOGY & TRANSPLANT/IMMUNOLOGY

Poster Moderators: Dai H. Chung, MD & George K. Gittes, MD

P24. Twenty years of pediatric gunshot wounds: an urban trauma center’s experience; J. E. Sola,1

P25. Applications and limitation of of cre technologies in doubling the number of homozygous mutant mouse embryos in a litter; P. F. Nichol,1

P26. Donor hemodynamic events during procurement presage graft survival in donation after cardiac death liver transplantation; P. L. Abt,1

P27. PD-L1 expression: a possible mechanism of immune resistance in triple negative breast cancer; E. A. Mitten-dorf,1

P28. Improved outcomes of patients with gastrochisis: advances in surgery and critical care; F. Abdullah

P29. Immune responses after lung transplantation; D. Kreisel

PANCREAS/HEPATOBLIARY

Poster Moderators: O. Joe Hines, MD, Michael G. Sarr, MD & Sharon Weber, MD

P29. FGFR-AKT -Catenin and TGF -SMAD3 signaling pathways are associated with expansion and epithelial-mesenchyme trans-differentiation of CD133pos CD49fpos cells in murine model of biliary atresia; K.S. Wang

P30. A primary xenograft model of pancreatic neuroendocrine carcinoma recapitulates hallmark features of the disease; E. Nakakura


P32. The role of interleukin-33/ST2 pathway in hepatic ischemia/reperfusion injury; A. Tsung

P33. No title; J.J. Yeh, M. Jajja

TRAUMA/Critical CARE

Poster Moderators: Timothy R. Billiar, MD & Patrick M. Reilly, MD

P34. Trauma deserts: distance from a trauma center, transport times, and mortality from gunshot wounds in chicago; M. Crandall

P35. The association between air ambulance distribution and trauma mortality; M.R. Rosengart

P36. Sub-optimal compliance with evidence-based guidelines is associated with increased mortality in patients with severe traumatic brain injuries; Shafi

P37. Hypothermia in massive transfusion: have we been paying enough attention to it?; J. Sperry
SCIENTIFIC PROGRAM Wednesday, February 6, 2013

4:30PM - 5:30PM  SUS New Member Poster Session (continued)  CRESCENT CITY BALLROOM - RIGHT HAND SIDE

VASCULAR/CARDIOTHORACIC

Poster Moderators: Alexander S. Krupnick, MD & Daniel R. Meldrum, MD

P38. Rate of malignancy detected on post-EVAR surveillance CT-angiogram; J. E. Rectenwald,1

P39. Peripheral vascular disease patients have lower percent positive circulating progenitor cells compared to abdominal aortic aneurysms patients and age-matched controls; E. S. Lee,1

P40. Comparison of robotic versus video-assisted thoracoscopic surgery (VATS) lobectomy for non-small cell lung cancer (NSCLC); F.Y. Bhora

P41. A national survey of the use of anti-platelet medications and protamine during carotid endarterectomy and carotid artery stenting: what is the standard?; R. Milner

---------or---------

4:30PM - 5:30PM  Resident/Student Meet the AAS Leadership  CHAMBERS 1 - 3

5:30PM - 7:00PM  AAS Business Meeting  ROOSEVELT

10:00PM - LATE  AAS/SUS Presidential Reception  BLUE ROOM

Please join Drs. Melina Kibbe and George Yang for an evening reception with the AAS and SUS Presidents. All attendees are welcome regardless of membership status in the AAS or SUS.
**CARDIOTHORACIC 2: GENERAL THORACIC AND AORTIC**

**Moderators:** Yolonda L. Colson, MD & Anthony W. Kim, MD

**36.1. Impact Of Preoperative Radiation On Survival Of Patients With Node Negative, Very Large Non-small Cell Lung Cancers (T3N0) Treated With Anatomic Resection**

A. C. Moreno1, D. Morgensztern2, J. B. Yu3, D. J. Boffa1, R. H. Decker1, F. C. Detterbeck1, A. W. Kim1; 1Yale School Of Medicine, New Haven, CT; 2Yale School Of Medicine, New Haven, CT

**36.2. Differences in Baseline Arming of Natural Killer Cells Contribute To Strain-Specific Susceptibility To Lung Cancer in Mice**

S. H. Chang1, K. Toth1, R. Higashikubo1, A. Gelman1, D. Kreisel1, A. S. Krujnick1; 1Division Of Cardiothoracic Surgery, Section Of Thoracic Surgery, Washington University School Of Medicine, St Louis, MO

**36.3. Factors Affecting Time To Progression For Esophagectomy For Benign Disease**

A. L. Madenci1, B. N. Reames2, A. C. Chang1, J. Lin3, M. B. Orringer4, R. M. Reddy1; 1University Of Michigan Medical School, Ann Arbor, MI; 2Department Of General Surgery, University Of Michigan Hospital, Ann Arbor, MI; 3Department Of Thoracic Surgery, University Of Michigan Hospital, Ann Arbor, MI

**36.4. Outcomes For Patients With Emphysema Undergoing Surgical Resection Of Stage I Non-small Cell Lung Cancer (NSCLC)**

M. Bishawi1, W. H. Moore1, T. Bilfinger1; 1Stony Brook University Medical Center, Stony Brook, New York

**36.5. Presence Of Circulating Tumor Cells In Patients With Resectable Colorectal Cancer Lung Metastases Is A Potential Indicator For Extrathoracic Disease**

J. T. Kaffi1, M. Kunkel1, J. E. Allen1, D. T. Dicker1, A. Das2, N. J. Gusani1, M. F. Reed1, E. T. Kimchi1, K. F. Staveley-O’Carroll1, W. S. El-Deiry1; 1Penn State University College Of Medicine, Hershey, PA


B. C. Gibney1,2, A. B. Ysasi1, K. Chamoto1, M. Ackermann1, M. A. Konerding1, A. Tsuda3, S. J. Mentzer1; 1Brigham And Women’s Hospital/Harvard Medical School, Boston, MA; 2Penn State Hershey Medical Center, Hershey, PA; 3Harvard School Of Public Health, Boston, MA

**36.7. Ox-LDL Induces Expression Of PiT-1 In Human Aortic Valvular Interstitial Cells**

N. A. Nadlonek1, J. H. Lee1, X. Meng1, D. A. Fullerton1; 1University Of Colorado School Of Medicine, Aurora, CO

**36.8. Early Recognition And Triage Of Acute Thoracic Aortic Dissection And Aneurysm: Impossible Challenge Or Achievable Task?**

I. Leitman1, K. Suzuki1, A. J. Wengrofsky1, E. Menashe1, M. Poplewaski1, K. Woo1, C. M. Geller1, B. A. Zeiler1, B. Patton1, T. Bernik1; 1Albert Einstein College Of Medicine-Beth Israel Medical Center, New York, New York

37.2. Urinary Tract Infection: Tip Of A Postoperative Complication Iceberg? N. A. Weisensel, T. J. Paul Olson, V. Rajamanickam, G. D. Kennedy; University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI

37.3. Epidural Analgesia In Open Colorectal Surgery: A Nationwide Analysis Of Trends And Outcomes W. J. Halabi, M. D. Jafari, V. Q. Nguyen, J. C. Carmichael, S. D. Mills, M. J. Stamos, A. Pigazzi; University Of California - Irvine Department Of Anesthesiology, Perioperative And Pain Medicine, Boston, MA; University Of California - Irvine Department Of Health Policy And Management, Orange, California; University Of California - Irvine Department Of Statistics, Irvine, California

37.4. Leveraging The Point Of Preoperative Assessment To Ensure Delivery Of Appropriate Surgical Care O. Nelson, T. D. Quinn, A. F. Arriaga, D. L. Hepner, D. J. Correll, S. R. Finlayson, M. J. Zinner, A. Gawande, A. M. Bader; Brigham And Women’s Hospital, Department Of Anesthesiology, Perioperative And Pain Medicine, Boston, MA; Center For Surgery And Public Health, Brigham And Women’s Hospital, Boston, MA; Harvard School Of Public Health, Department Of Health Policy And Management, Boston, MA; Brigham And Women’s Hospital, Department Of Surgery, Boston, MA

37.5. Patient Involvement In The Decision Making Process Improves Satisfaction And Quality Of Life In Postmastectomy Breast Reconstruction A. A. Ashraf, S. Colakoglu, J. Nguyen, A. Anastasopoulou, A. Ibrahim, J. Yeuh, A. Tobias, B. Lee; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; Massachusetts General Hospital, Boston, MA; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; Harvard Medical School, Boston, MA; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA

37.6. Natural History Of Retained Surgical Items: Results Of A Multi-center Study S. P. Stawicki, H. L. Anderson III, S. M. Coyle, H. M. Ahmed, L. Chowayou, R. Marchigiani, J. Cipolla, V. H. Gracias, S. D. Moffatt-Bruce, M. J. Seamon, R. C. Adams, S. M. Steinberg, C. Stehly, C. H. Cook; The Ohio State University College Of Medicine, Columbus, OH; UMDNJ - Robert Wood Johnson School Of Medicine, New Brunswick, NJ; Miami Valley Hospital / Wright State University School Of Medicine, Dayton, OH; Temple St. Luke’s School Of Medicine, Bethlehem, PA; Cooper University Hospital, Camden, NJ; Vanderbilt University School Of Medicine, Nashville, TN


37.8. A Checklist Checkup: Interventions In Safety Culture Improve Adherence S. M. Levy, L. S. Kao, K. P. Lally, M. Matuszczak, J. T. Abraham, G. R. Goddard, M. Said, S. L. Logterman, A. Singh, K. Tsao; Department Of Pediatric Surgery, University Of Texas Medical School At Houston, Houston, Texas; Department Of Surgery, University Of Texas Medical School At Houston, Houston, Texas; Department Of Anesthesia, University Of Texas Medical School At Houston, Houston, Texas; Center For Surgical Trials And Evidence-based Practice, University Of Texas Medical School At Houston, Houston, Texas; Children’s Memorial Hermann Hospital, Houston, Texas

37.9. Comparative Effectiveness Of Pressurized Irrigation Or Subcutaneous Antibiotics Versus Standard Wound Closure On Surgical Site Infections Following Colorectal Surgery S. P. Dineen, T. Pham, B. Murray, T. Anthony, S. Huerta; UT Southwestern Medical Center, Dallas, TX; VA North Texas Health Care System, Dallas, TX

37.10. Perioperative Variance Report Cards: Do We Make The Grade? S. M. Levy, R. Jain, D. Douma, M. L. Kerr, L. S. Kao, K. P. Lally, K. Tsao; Department Of Pediatric Surgery, University Of Texas Medical School At Houston, Houston, Texas; Department Of Anesthesia, University Of Texas Medical School At Houston, Houston, Texas; Center For Surgical Trials And Evidence-based Practice, University Of Texas Medical School At Houston, Houston, Texas; Children’s Memorial Hermann Hospital, Houston, Texas
38.1. Effect of Failure To Rescue On Hospital Volume-Mortality Relationships In Cardiovascular Surgery

38.2. Post-Discharge Mortality Among the Elderly Undergoing General Surgery in the United States: An Analysis of 428,176 Patients

38.3. Does Ventral Hernia Defect Length, Width, Or Area Predict Postoperative Quality Of Life? Answers From A Prospective International Study

38.4. Reliability Of Readmission Rates As A Hospital Quality Measure In Cardiac Surgery

38.5. Does The Volume Of Laparoscopic Versus Open Cases Affect The Outcomes Of Inguinal Hernia Repair?

38.6. Divergent Outcomes In Young Patients With Gastric Cancer

38.7. The Impact Of Surgical Volume On Postoperative Outcomes In Patients With Graves' Disease

38.8. Effect Of Age And BMI On Mortality And Morbidity In Elective And Emergent General Surgery

38.9. Searching For The Optimal Surgical Quality Indicator: Failure To Rescue Vs. Readmissions

38.10. Lack Of Adherence With Quality Guidelines For Post-Discharge Venous Thromboembolism Prophylaxis After Colorectal Cancer Surgery In The U.S.

39.1. Use Of A Computerized Simulation To Assess Effectiveness Of A Regression Modeling Scheduling System

39.2. Cost Effectiveness Of Emerging Techniques For Cholecystectomy

39.3. Prevention Of Neointimal Hyperplasia With Systemic Injection Of A Targeted Drug-eluting Peptide Amphiphile

39.4. Single Cell Transcriptional Analysis Identifies A Functionally Distinct Subpopulation Of Human Adipose Derived Stem Cells

39.5. Knock-down Of BMP-2 Antagonist, Gremlin-1 Increases Osteogenic Differentiation And Increases Healing In A Murine Critical-sized Calviarl Defect Model

39.6. Effect Of Failure To Rescue On Hospital Volume-Mortality Relationships In Cardiovascular Surgery

39.7. The Impact Of Surgical Volume On Postoperative Outcomes In Patients With Graves' Disease

39.8. Effect Of Age And BMI On Mortality And Morbidity In Elective And Emergent General Surgery

39.9. Searching For The Optimal Surgical Quality Indicator: Failure To Rescue Vs. Readmissions

39.10. Lack Of Adherence With Quality Guidelines For Post-Discharge Venous Thromboembolism Prophylaxis After Colorectal Cancer Surgery In The U.S.
Integrated Oral Presentation Sessions II (continued)

GASTROINTESTINAL/NUTRITION 2: COLORECTAL/SMALL BOWEL

BEINVILLE

Moderators: George J.S. Chang, MD & Scott R. Steele, MD

40.1. Ileal Bacterial Stasis In Self-Filling Blind Loops Is Associated With Increased TLR-2 And TLR-4 Expression In Wild-Type And IL-10 Knockout Mice. M. A. Ward¹, R. F. Leal², S. R. Dalal³, Y. Huang¹, M. W. Musch³, J. C. Alverdy⁴, E. B. Chang⁴; ¹University Of Chicago Medical Center, Chicago, IL; ²Department Of Surgery, Colonoproctology Unit, University Of Campinas (UNICAMP), Sao Paulo, N/A; ³University Of Chicago, Chicago, IL

40.2. C75, A Fatty Acid Synthase Inhibitor, Alleviates Experimental Colitis. S. Matsuo¹, W. Yang¹, M. Aziz², P. Wang¹; ¹Department Of Surgery, Hofstra North Shore-LIJ School Of Medicine, Manhasset, NY

40.3. Intestinal Alkaline Phosphatase Is An Endogenous Anti-Inflammatory Factor. M. R. Mohamed¹, S. R. Hamarneh¹, P. Patel¹, N. S. Malo¹, K. Kalliannan¹, A. Teshager¹, A. Raychowdhury¹, A. K. Moss¹, S. M. Abtahi¹, O. Moaven¹, S. N. Alam¹, K. P. Economopoulos¹, M. S. Malo¹, R. A. Hodin¹; ¹Department Of Surgery, Massachusetts General Hospital, Harvard Medical School, Boston, MA

40.4. The Role Of Mechanical Bowel Preparation With Non-Absorbable Oral Antibiotics In Improving Surgical Outcomes In Elective Colectomy Within A State-Wide Collaborative. K. Kim¹, J. Bonn¹, S. DeRoo¹, C. Lee¹, I. Stein¹, A. Zarrinsefat¹, M. Englesbe¹, D. Campbell¹; ¹University Of Michigan Medical School, Ann Arbor, Michigan

40.5. Extrinsic Autonomic Nerves Perform Crucial Regulation Of Distal Colonic Peristalsis Via A Dual Mechanism. I. Gribovskaja-Rupp¹, T. Takahashi², K. A. Ludwig³; ¹Medical College Of Wisconsin, Milwaukee, WI; ²Clement J Zablocki Veterans Affairs Medical Center, Milwaukee, 53295

40.6. Normal Intestinal Flora Are Induced By Ischemia To Express A Tissue Destroying Phenotype: Role In Anastomotic Leak. D. Shogan¹, G. C. An¹, O. Zaborina¹, J. C. Alverdy¹; ¹University Of Chicago Medical Center, Chicago, IL

40.7. Survival Following Synchronous Colorectal Cancer Resection. K. L. Mathis¹, S. Y. Boostrom¹, B. G. Wolff¹; ¹Mayo Clinic, Rochester, MN

40.8. Proton Pump Inhibitor Therapy Increases The Expression Of Toxin Genes In Clostridium Difficile In A Ribotype Dependent Manner. D. B. Stewart¹, J. Hegarty¹; ¹Penn State Milton S. Hershey Medical Center, Hershey, PA

40.9. Sphingosine-1-Phosphate (S1P) Attenuates Intestinal Ischemia-Reperfusion Injury Through Regulation Of MicroRNA 542-5p. A. D. Smith¹,², P. Jiang², R. Li², D. Mansour², N. Hansraj², R. Zhuang¹, L. Liu², J. Wang², D. Turner²; ¹University Of Maryland School Of Medicine, Baltimore, MD; ²Baltimore VA Medical Center, Baltimore, MD

40.10. Type Of Perioperative Diet Affects Long Term Adaptation Following Ileocecal Resection (ICR). M. A. Stevenson¹, N. Sundaram¹, J. A. Hawkins¹, M. A. Helmrath²; ¹University Of Cincinnati, Cincinnati, Ohio; ²Cincinnati Children’s Hospital Medical Center, Cincinnati, Ohio
ONCOLOGY 5: MELANOMA/SOFT TISSUE SARCOMA

Moderators: Celia Chao, MD & Curtis J. Wray

41.1. Inhibition Of Autophagy With Chloroquine Is Effective In Melanoma. M. E. Egger1, J. S. Huang1, K. M. McMasters1, L. R. McNally2; 1University Of Louisville Department Of Surgery, Louisville, KY; 2University Of Louisville Department Of Medicine, Louisville, KY

41.2. Interleukin-21 Expansion Of T-cells For Adoptive Immunotherapy Of Murine Melanoma. C. K. Zoon1,3, L. Graham2,3, H. D. Bear2,3; 1Division Of General Surgery, Richmond, VA; 2Division Of Surgical Oncology, Richmond, VA; 3Massey Cancer Center, Richmond, VA

41.3. Quantitative Histopathology Identifies Patients With Thin Melanomas That Have High Metastatic Risk. E. S. Glazer1, P. H. Bartels1, F. L. Yozwiak1, J. K. De Oliveira1, L. B. Granner1, J. G. Einspahr1, J. A. Warneke1, D. S. Alberts1, R. S. Krouse1,2; 1The University Of Arizona, Tucson, AZ; 2Southern Arizona VA Health Care System, Tucson, AZ; 3Hospital Sao Lucas Of PUCRS, Porto Alegre, RS

41.4. Sartorius Flaps In Patients Undergoing Inguinal Lymphadenectomy For Melanoma: A Review Of The NSQIP Database. E. K. Bartlett1, C. Meise1, N. Bansal1, J. P. Fischer1, D. L. Fraker1, R. R. Kelz1, G. C. Karakousis1; 1Hospital Of The University Of Pennsylvania, Philadelphia, PA

41.5. Sentinel Lymph Node Biopsy Improves Survival Over Observation Alone In Patients With Intermediate Thickness Melanoma: Confirmation Of MSLT1 Using The SEER Database. S. D. Kachare1,2, J. H. Wong1,2, E. E. Zervos1,2, T. L. FitzGerald1,2; 1East Carolina University Brody School Of Medicine, Greenville, NC; 2Vidant Medical Center, Greenville, NC

41.6. Hemangiopericytoma Is An Indolent, But Lethal Mesenchymal Tumor: A Clinical Outcomes Based Study Of 789 Patients From The Surveillance Epidemiology And End Result (SEER) Database. P. Sridharan1, S. Patil1, R. S. Chamberlain1,2,3; 1Department Of Surgery, Saint Barnabas Medical Center, Livingston, NJ; 2Department Of Surgery, University Of Medicine And Dentistry Of New Jersey, Newark, NJ; 3Saint George’s University School Of Medicine, University Centre, West Indies

41.7. Determinants Of Long-term Survival In Well Differentiated Extremity And Retroperitoneal Liposarcoma: A Population Based Outcomes Study Of 1,358 Patients From The SEER Database (1973 - 2008). S. Patil1, R. S. Chamberlain1,2,3; 1Saint Barnabas Medical Center, Livingston, NJ; 2Saint George’s University School Of Medicine, Grenada, Grenada; 3University Of Medicine And Dentistry Of NJ - NJ Medical School, Department Of Surgery, Newark, NJ

41.8. Splenectomy Correlates With Worse Survival Independent Of Disease Burden After Cytoreduction And Heated Intraperitoneal Chemotherapy For Malignant Peritoneal Mesothelioma. N. P. Schaub1, M. Alamchandani1, M. Quezado1, S. M. Steinberg1, R. Lang1, M. M. Hughes1, T. Beresnev1, D. L. Bartlett1, S. K. Libutti1, J. F. Pingpank1, R. E. Royal1, B. Bricher1, P. Pandala1, G. Q. Phan1, A. Stojadinovich1, U. Rudloff1, H. R. Alexander1, I. Avital1; 1National Cancer Institute, Bethesda, MD; 2Division Of Surgical Oncology, University Of Pittsburgh Medical Center, Pittsburgh, PA; 3Department Of Surgery, Montefiore Medical Center/Albert Einstein College Of Medicine, New York, NY; 4Department Of Surgical Oncology, The University Of Texas M.D. Anderson Cancer Center, Houston, TX; 5Theodor-Billroth-Academy, Munich, Germany; 6Department Of Surgery, Division Of Surgical Oncology, Walter Reed National Military Medical Center, Bethesda, MD; 7Division Of Surgical Oncology, Department Of Surgery, University Of Maryland, Baltimore, MD; 8Bon Secours Cancer Institute, Richmond, VA

41.9. Complex Composite Oncologic Chest Wall Defects Reconstructed With Synthetic Or Bioprosthetic Mesh Experience Similar Surgical Outcomes When Combined With Soft Tissue Flap Coverage. P. B. Garvey1, M. W. Clemens1, J. P. Doolittle1, D. P. Baumann1, S. G. Swisher1, C. E. Butler1; 1The University Of Texas MD Anderson Cancer Center, Houston, Texas; 2The University Of Texas MD Anderson Cancer Center, Houston, Texas

41.10. Combination Of Adoptive Cell Transfer With CTLA-4 Blockade Maximizes Melanoma Immunotherapy. D. A. Math1, L. Wentworth2, J. V. Meyers1, C. S. Cho2; 1University Of Wisconsin School Of Medicine And Public Health, Madison, WI; 2William S. Middleton Memorial VA Hospital, Madison, WI
42.1. Does The Site Of Pancreatic Transection Influence Pancreatic Fistula? A Review Of 294 Distal Pancreatectomies
N. M. Kundu1, Z. Mi1, C. Weber1, N. Li1, T. Lynch1, P. C. Kuo1, P. Y. Wai1; 1Loyola University Medical Center, Maywood, IL

42.2. Surgery For Metastatic Neuroendocrine Tumors With Clinically Occult Primary E. K. Bartlett1, P. K. Shah1, K. K. Shah1, S. Zaheer1, H. Wachtel1, R. R. Kelz2, G. C. Karakousis3, D. L. Fraker1; 1Hospital Of The University Of Pennsylvania, Philadelphia, PA

42.3. Extracellular Drug Conjugate (EDC1) Technology For Targeted Neuroendocrine Cancer Therapy A. Dammalapatii, J. Eide1, C. Korleski1, D. Marshall1, J. Prudent1, R. J. Sztul1, H. Chen1; 1Department Of Surgery University Of Wisconsin, Madison, WI; 2Centrose LLC, Madison, WI

42.4. Combination Chemotherapy Of Gemcitabine With Nafamostat Mesilate Against Gallbladder Cancer Targeting Nuclear Factor-kappaB Activation R. Iwase1, H. Shiba1, K. Haruki2, Y. Fujiwara1, K. Furukawa1, T. Iida1, T. Uwagawa1, T. Misawa1, T. Ohashi1, K. Yanaga1; 1Department Of Surgery, The Jikei University School Of Medicine, Tokyo, Japan; 2Department Of Gene Therapy, Institute Of DNA Medicine, Jikei University School Of Medicine, Tokyo, Japan; 3Tokyo, Tokyo, Tokyo

42.5. Role Of Stearoyl-CoA Desaturase (SCD), Key Enzyme In Obesity, In Development Of Human Hepatocellular Carcinoma (HCC); Is HCC Expected To Rise With Obesity Epidemic? S. Bansal1,2,6, M. Berk1, N. Alkhouri1, J. J. Fung1, A. Feldstein1,2; 1Children’s Hospital Colorado, Aurora, CO; 2Cleveland Clinic Foundation, Cleveland, OH; 3University Of California, San Diego, La Jolla, CA

42.6. Activation Of Tumor-Associated Macrophages Is Required For Hepatocyte Growth Factor Enhanced Invasiveness And Predicts Survival In Hepatocellular Carcinoma. M. Kundu1, Z. Mi1, C. Weber1, N. Li1, T. Lynch1, P. C. Kuo1, P. Y. Wai1; 1Loyola University Medical Center, Maywood, IL

42.7. Combination Treatment Using Adenovirus-mediated Tumor Necrosis Factor-Alpha Gene Transfer And NF-kappaB Inhibitor For Hepatocellular Carcinoma In Mice K. Haruki2, H. Shiba1, R. Iwase1, Y. Fujiwara1, K. Furukawa1, T. Iida1, T. Uwagawa1, T. Misawa1, T. Ohashi1, K. Yanaga1; 1Department Of Surgery, The Jikei University School Of Medicine, Tokyo, Tokyo; 2Department Of Gene Therapy, Institute Of DNA Medicine, Jikei University School Of Medicine, Tokyo, Tokyo

42.8. The Bioflavonoid Baicalein Inhibits Human Pancreatic Cancer Cell Migration G. W. Donald1, M. Chen1, A. Moro1, H. Pham1, K. M. Hertz1, H. A. Reber1, O. J. Hines1, G. Eibl1; 1Department Of Surgery, David Geffen School Of Medicine At UCLA, Los Angeles, CA

42.9. Velaparib (ABT-888), A Novel Inhibitor Of Poly-Adp Ribosyl Polymerase (PARP), Synergizes With 5-Fluouracil In Pancreatic Carcinoid Cells Y. R. Somnay1,2, S. Lubner1, M. Kuninimalaiyan1, H. Chen1; 1University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI; 2University Of Wisconsin School Of Medicine And Public Health, Department Of Medicine, Madison, WI; 3Medical Scientist Training Program, University Of Wisconsin School Of Medicine And Public Health, Madison, WI

42.10. JAK-2 Downregulation Sensitizes Pancreatic Cancer Cells To TRAIL Induced Cell Death By Augmenting Death Induced Signaling Complex Formation V. Dudeja1, A. Oliveira1, S. Banerjee1, V. Sangwan1, N. Mujumdar1, T. N. MacKenzie1, R. Dawra1, S. M. Vickers1, A. K. Saluja1; 1Division Of Basic And Translational Research, Department Of Surgery, University Of Minnesota, Minneapolis, MN

ONCOLOGY 6: HEPATOPANCREATICOBILIOARY

Moderators: Douglas L. Fraker, MD & James J. Mezhriz, MD

43.1. Small Molecule Inhibitors Of Complement (C5) Enhance Vaccinia Viral Oncolyis D. Magge1, Z. Guo1, M. O’Malley1, L. Francis1, R. Ravindranathan1, D. L. Bartlett1; 1University Of Pittsburgh Medical Center, Pittsburgh, PA

43.2. The Acellular Plasma Fraction Of Packed Red Blood Cells Alternately Activates Macrophages, K. K. Lo1,2,3, S. Mitra1, K. El Kasi1, D. D. Bensard1, C. C. Silliman1,2, C. C. Barnett1,2; 1University Of Colorado Health Science Center, Aurora, CO; 2Denver Health Medical Center, Denver, CO; 3Bonnis Blood Center, DENVER, CO

43.3. The Role Of T-cell Subpopulations In Patients With Non-small Cell Lung Cancer C. L. Knab1, J. D. Phillips1, N. R. Blatner1, M. M. DeCamp1,2, S. L. Meyerson1,2, A. De Hoyos1,2, M. J. Heiferman1, J. R. Heiferman1, K. Khazaei1, D. J. Bentrem1,2; 1Department Of Surgery, Northwestern University, Feinberg School Of Medicine, Chicago, IL; 2Robert H. Lurie Comprehensive Cancer Center, Northwestern University, Chicago, IL; 3Jesse Brown VA Medical Center, Chicago, IL

43.4. MTOR Inhibitor MLN0128 Has Antitumor Efficacy In Cell Lines With Intrinsic And Acquired Rapamycin-Resistance, B. Hassan1, A. Akkanatan1, S. Takafumi1, K. Evans1, F. Adkins1, F. Meric-Bernstam; 1U.T. M.D. Anderson Cancer Center, Houston, Texas

43.5. Chk1 Protein Expression Indicates Sensitivity To Chk1 Inhibition By Antimetabolite Chemotherapy In Non-small Cell Lung Cancer C. Grabauskiene1, E. Bergeron1, M. A. Morgan1, D. G. Beer1, R. M. Reddy1; 1University Of Michigan, Ann Arbor, MA

43.6. Prognostic And Predictive Implication Of Epidermal Growth Factor Receptor Gene Mutation On Overall Survival In Non-small Cell Lung Cancer Patients With Postsurgical Recurrence K. Suda1, S. Ito2, Y. Yatabe2, T. Okamoto2, Y. Maehara2, T. Mitsuonomi1; 1Department Of Surgery And Science, Graduate School Of Medical Sciences, Kyushu University, Fukuoka, Fukuoka; 2Department Of Thoracic Surgery, Aichi Cancer Center Hospital, Nagoya, Aichi; 3Department Of Pathology And Molecular Diagnostics, Aichi Cancer Center Hospital, Nagoya, Aichi; 4Division Of Thoracic Surgery, Department Of Surgery, Kinki University Faculty Of Medicine, Osaka-sayama, Osaka

43.7. Neoadjuvant Memory T Cell Transfer: A Novel Paradigm For Cancer Immunotherapy J. V. Meyers1, L. Wentworth1, D. A. Mahvi1, C. S. Cho1; 1University Of Wisconsin School Of Medicine And Public Health, Madison, WI; 2William S. Middleton Memorial VA Hospital, Madison, WI

43.8. Inhibition Of Focal Adhesion Kinase (FAK) Leads To STAT4 Activation: A Novel Pathway In Neuroblastoma M. L. Megison1, J. E. Stewart1, L. A. Gillory1, H. C. Nabers1, D. Padmalayam1, E. A. Beierle1; 1University Of Alabama - Birmingham, Birmingham, AL

43.9. Colorectal Cancer Liver Metastases Form Xenografts Enriched In Markers Of Tumor Initiating Cells A. D. Giorgi1, B. D. Goetz1, P. Goedegebuure1, R. C. Fields1; 1Washington University In St Louis, St Louis, Missouri
44.1. Integrin Beta-1 Is Critical For Gastrin-Releasing Peptide Receptor-Mediated Neuroblastoma Cell Migration And Invasion E. L. Long1, S. Lee, J. Qiao1, D. H. Chung1; 1Vanderbilt University Medical Center Department Of Pediatric Surgery, Nashville, TN

44.2. Outcomes For Pediatric Malignant Tumors Of The Thymus: An Analysis Of 73 Cases B. J. Allan1, C. M. Thorson1, J. S. Davis1, R. M. Van Haren1, E. A. Perez1, J. E. Soli1; 1University Of Miami Leonard M. Miller School Of Medicine, Miami, FL

44.3. Prevention Of Antibiotic-Associated Obesity In Mice By Intestinal Alkaline Phosphatase K. P. Mollen1,2, G. Vincent1, S. P. Whelan1, M. D. Neal1, B. S. Zuckerbraun1, D. J. Hackam1,2; 1Children’s Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA; 2University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA

45.2. Sublingual Microscopy As A Measure Of Tissue Perfusion In Integrin Beta-1 Is Critical For Gastrin-Releasing Peptide Moderators: Michael Helmrath, MD & Joseph Kim, MD

PEDIATRICS/DEVELOPMENTAL BIOLOGY 2: GASTROINTESTINAL AND ONCOLOGY

44.4. Prevention Of Antibiotic-Associated Obesity In Mice By Intestinal Alkaline Phosphatase K. P. Mollen1,2, G. Vincent1, S. P. Whelan1, M. D. Neal1, B. S. Zuckerbraun1, D. J. Hackam1,2; 1Children’s Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA; 2University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA

44.5. An Institutional Analysis And Systematic Review With Meta-analysis Of Pneumatic Versus Hydrostatic Reduction For Pediatric Intussusception A. Beres1, H. Hsieh1, M. Abou Khalil2, R. Baird1; 1Division Of Pediatric Surgery, Montreal, Quebec

44.6. Heparin-Binding Egl-Like Growth Factor Promotes Enteric Neurogenesis Via The Preservation of Glial Integrity After Necrotizing Enterocolitis Y. Zhou1, Y. Su1, J. Yang1, D. J. Watkins1, G. E. Besser1; 1Nationwide Children’s Hospital, Columbus, Ohio

44.7. Exogenous Shh Protein Does Not Rescue Intestinal Development During Atresia Formation. A. L. Reeder1, K. M. Zaremba1, P. F. Nichol1; 1University Of Wisconsin Department Of Surgery, Madison, WI

44.8. Elevated Urinary Intestinal Fatty Acid Binding Protein Precedes Clinical Indicators Of Necrotizing Enterocolitis D. Stadle1, D. S. Boskovic1, M. S. Plank1, L. Slater1, Y. Asmerom2, D. M. Angeles2, G. Gollin1; 1Loma Linda University School Of Medicine And Children’s Hospital, Division Of Pediatric Surgery, Loma Linda, CA; 2University Of Pittsburgh Medical School Department Of Basic Sciences, Loma Linda, CA

44.9. Mitochondrial Failure Contributes To The Pathogenesis Of Experimental Colitis K. P. Mollen1,2, G. Vincent1, S. P. Whelan1, M. D. Neal1, B. S. Zuckerbraun1, D. J. Hackam1,2; 1Children’s Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA; 2University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA

44.10. Toll Like Receptor 4 (TLR4) Regulates The Recruitment Of CD4+ T Cells In The Newborn Intestine In The Pathogenesis Of Necrotizing Enterocolitis J. Y. Lin1, C. E. Egan1, C. Sodhi1, J. Landreneau1, M. Good1, H. Jia1, A. Afrazi1, M. Branca1, C. Ma1, T. Prindle1, D. J. Hackam1; 1Children’s Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA

TRAUMA/Critical Care 4: Basic Science of Hemorrhage, Resuscitation And Healing

45.1. Direct Peritoneal Resuscitation Prevents Cytoplastic HMGB1 After Hemorrhagic Shock T. H. Rogers1, P. J. Matheson1,2, S. K. Walker1, J. W. Smith1, R. N. Garrison1,2, C. D. Downard1,2; 1University Of Louisville Department Of Surgery, Louisville, KY; 2Robley Rex Veterans Affairs Medical Center, Louisville, KY

45.2. Sublingual Microscopy As A Measure Of Tissue Perfusion In Trauma Y. L. Lee1,2, A. Schneider1, J. D. Simmons1, W. O. Richards1; 1University Of South Alabama Department Of Surgery, Mobile, AL; 2University Of South Alabama Department Of Pharmacology, Mobile, AL

45.3. Deficiency In Cold-Inducible RNA-Binding Protein (CIRP) Improves Cutaneous Wound Healing J. Idrovo1, M. Kuncwicz1, W. Yang1, J. Nicastro1, G. F. Coppa1, P. Wang1,2; 1Department Of Surgery, Hofstra North Shore-LIJ School Of Medicine, Manhasset, NY; 2The Feinstein Institute For Medical Research, Manhasset, NY

45.4. Beneficial Effects Of Histone Deacetylase Inhibition With Metanalysis Of Pneumatic Versus Hydrostatic Reduction For Peditric Intussusception A. Beres1, H. Hsieh1, M. Abou Khalil2, R. Baird1; 1Division Of Pediatric Surgery, Montreal, Quebec

45.5. Blocking Tregulatory Cell Response Impairs MSC-Mediated Wound Healing K. M. Cook1, L. Pasupuleti1, W. D. Alzate1, A. M. Mohr1, D. H. Livingston1, Z. C. Sifri1; 1UMDNJ-New Jersey Medical School, Newar, NJ

45.6. Pharmacological Modulation Of Mitochondrial Dysfunction-induced Cerebral Metabolic Derangement And Excitotoxicity In A Porcine Model Of Traumatic Brain Injury And Hemorrhagic Shock J. O. Hwabei1re1, G. Jin1, R. Oku1, H. Albadawi1, A. M. Imam1, C. H. Jepsen1, M. Duggan1, M. A. DeMoya1, M. Silesen1, D. Deperalta1, J. Hwabei1, C. H. Jepsen1, B. Liu1, J. Lu1, Y. Li1, S. Socrates1, H. B. Alam1,2; 1Division Of Trauma, Emergency Surgery And Surgical Critical Care, Birmingham, AL; 2Harvard-MIT Division Of Health Sciences And Technology, Cambridge, MA

45.7. Synergistic Effects Of Fresh Frozen Plasma And Valproic Acid Treatment In A Combined Model Of Traumatic Brain Injury And Hemorrhagic Shock A. M. Imam1, G. Jin1, M. Duggan1, M. A. DeMoya1, M. Silesen1, D. Deperalta1, J. Hwabei1, C. H. Jepsen1, B. Liu1, J. Lu1, Y. Li1, S. Socrates1, H. B. Alam1,2; 1Division Of Trauma, Emergency Surgery And Surgical Critical Care, Birmingham, AL; 2Harvard-MIT Division Of Health Sciences And Technology, Cambridge, MA; 3Division Of Trauma, Emergency Surgery And Surgical Critical Care, Massachusetts General Hospital/Harvard, Boston, MA; 4Section For Transfusion Medicine, Rigshospitalet, Department Of Anesthesia, Center Of Head And Orthopedics, Copenhagen, -; 5Division Of Vascular Imaging And Intervention, Massachusetts General Hospital, Harvard Medical School, Boston, MA; 6Section For Transfusion Medicine, Copenhagen University Hospital, Rigshospitalet, Copenhagen, -; 7University Of Texas Health Science Centre At Houston, Houston, TX; 8University Of Michigan Department Of Surgery, Ann Arbor, Michigan

45.8. Wnt Agonist Decreases Tissue Damage And Improves Renal Function After Ischemia-Reperfusion M. Kuncwicz1, W. Yang1, J. Nicastro1, G. F. Coppa1, P. Wang1,2; 1Department Of Surgery, Hofstra North Shore-LIJ School Of Medicine, Manhasset, NY; 2The Feinstein Institute For Medical Research, Manhasset, NY

45.9. Neutrophil Derived Microparticles Are Formed Upon TNF-α Receptor 1 And Caspase 8

45.10. Toll Like Receptor 4 (TLR4) Regulates The Recruitment Of CD4+ T Cells In The Newborn Intestine In The Pathogenesis Of Necrotizing Enterocolitis J. Y. Lin1, C. E. Egan1, C. Sodhi1, J. Landreneau1, M. Good1, H. Jia1, A. Afrazi1, M. Branca1, C. Ma1, T. Prindle1, D. J. Hackam1; 1Children’s Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA

45.11. Synergistic Effects Of Fresh Frozen Plasma And Valproic Acid Treatment In A Combined Model Of Traumatic Brain Injury And Hemorrhagic Shock A. M. Imam1, G. Jin1, M. Duggan1, M. A. DeMoya1, M. Silesen1, D. Deperalta1, J. Hwabei1, C. H. Jepsen1, B. Liu1, J. Lu1, Y. Li1, S. Socrates1, H. B. Alam1,2; 1Division Of Trauma, Emergency Surgery And Surgical Critical Care, Birmingham, AL; 2Harvard-MIT Division Of Health Sciences And Technology, Cambridge, MA; 3Division Of Trauma, Emergency Surgery And Surgical Critical Care, Massachusetts General Hospital, Harvard Medical School, Boston, MA; 4Section For Transfusion Medicine, Rigshospitalet, Department Of Anesthesia, Center Of Head And Orthopedics, Copenhagen, -; 5Division Of Vascular Imaging And Intervention, Massachusetts General Hospital, Harvard Medical School, Boston, MA; 6Section For Transfusion Medicine, Copenhagen University Hospital, Rigshospitalet, Copenhagen, -; 7University Of Texas Health Science Centre At Houston, Houston, TX; 8University Of Michigan Department Of Surgery, Ann Arbor, Michigan

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SCIENTIFIC PROGRAM Thursday, February 7, 2013

TRAUMA/CRITICAL CARE 5: BASIC SCIENCE: INFLAMMATION AND SEPSIS

PONTALBA

Moderator: Matthew J. Martin, MD

46.1.Hernia Repair Outcomes In A Rat Model Are Impacted By Doxycycline Administration J. C. Tharappel1, J. S. Roth1; University Of Kentucky College Of Medicine, Lexington, KY

46.2.Changes In Neutrophil Directional Motility In Burn Patients With Sepsis C. N. Jones1, L. Dimisko2, M. Moore3, M. Bilodeau4, M. Lydon5, S. Fagan6, D. Irimia7; Surgery Department, Massachusetts General Hospital, Shriners Hospital For Children, And Harvard Medical School, Boston, MA

46.3.Migration Of Invariant Natural Killer T-Cells In Response To Peritonitis Is Dependent Upon Direct Ligation Of PD-1-PD-L1 On These Cells And Not Indirect Actions J. S. Young1, C. Chung2, W. G. Cioffi3, A. Ayala4, D. S. Heffernan5; Division Of Surgical Research, Department Of Surgery, Providence, RI

46.4.Novel Pharmacological Treatment Attenuates Septic Shock And Improves Long-Term Survival T. Zhao1, Y. Li1, B. Liu1, Z. Liu1, M. Sillesen2, D. Deperalta3, G. C. Velmahos4, H. B. Alam5,6; Division Of Trauma, Emergency Surgery And Surgical Critical Care, MGH, Boston, MA; University Of Michigan Department Of Surgery, Ann Arbor, MI

46.5.RNA From Necrotic Cells Drives The Acute Inflammatory Response And Injury Through Toll-Like Receptor-3 (TLR-3) Dependent Pathway In Lung Contusion D. Machado-Aranda1, M. Suresh1, B. Yu1, K. Cavassani2, C. Hogaboam3, A. Raghavan1, K. Raghavendran1; University Of Michigan Department Of Surgery, Ann Arbor, Michigan; University Of Michigan Department Of Pathology, Ann Arbor, Michigan

46.6.Presence Of Luminal Macrophage Chemotactant Protein 1 (MCP-1/CCL2) Increases Leukocyte Recruitment To The Intestine S. G. Miller1, S. R. Bailey2, A. B. Lentsch3, T. A. Pritts1; University Of Cincinnati College Of Medicine - Department Of Surgery, Cincinnati, OH

46.7.Soluble CD14 Prevents LPS-Mediated IL-8 Production In Intestinal Epithelial Cells S. G. Miller1, S. R. Bailey2, A. B. Lentsch3, T. A. Pritts1; University Of Cincinnati College Of Medicine - Department Of Surgery, Cincinnati, OH

46.8.Distinct Immature Myeloid Populations Arise After Radiation Combined With Thermal Injury A. E. Mendoza1, B. M. Linz2, L. B. Karchner3, W. J. Brickey4, J. Ting5, B. A. Cairns3, R. Maile2; University Of North Carolina - Department Of General Surgery, Chapel Hill, NC; University Of North Carolina At Chapel Hill Department Of Microbiology And Immunology, Chapel Hill, NC

46.9.Stem Cell Antigen-1 Promotes The Granulopoietic Response To Escherichia Coli Bacteremia X. Shi1, W. Zhang1, M. D. Bason2, P. Zhang3; Department Of Surgery, Michigan State University College Of Human Medicine, Lansing, MI

46.10.Levels Of The Receptor For Advanced Gylcation End Products After Gastric Aspiration Induced Acute Lung Injury In Mice With High AGE Diet P. J. Smit1,2, B. A. Davidson2, B. A. Mullan3, J. Helinski1, M. T. Dayton1, P. R. Knight1, W. A. Guo1; Department Of Surgery, SUNY Buffalo, Buffalo, NY; Department Of Anesthesiology, SUNY Buffalo, Buffalo, NY

VASCULAR 2: ENDOTHELIAL CELL / INTIMAL HYPERPLASIA

Moderators: Heitham Hassoun, MD & Omaida C. Velazquez, MD

47.1.SiRNA Transfection With Cholesterol Modification From Electrospun PET Facilitates Gene Silencing In Human Aortic Smooth Muscle Cells M. C. Chun1,2, H. S. Oliver-Allen3, S. G. Pan1, W. J. Nabzdzyk1, L. Pradhan-Nabzdzyk1, F. W. LoGerfo2; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; Indiana University School Of Medicine, Indianapolis, IN; Tufts Medical Center Department Of Surgery, Boston, MA; BioSurfaces Inc, Ashland, MA; New York College Of Osteopathic Medicine, Old Westbury, NY

47.2.Effective Intraluminal Delivery Of TSP-2 SiRNA To Reduce Intimal Hyperplasia In A Rat Model W. B. Pratt1, J. D. Glaser2, M. A. Contreras3, L. Pradhan-Nabzdzyk1, F. W. LoGerfo2; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; Dartmouth-Hitchcock Medical Center, Lebanon, NH

47.3.Testosterone Attenuates Matrix Metalloproteinase Activity And The Cellular Processes Of Intimal Hyperplasia In Vitro D. J. Mountain1, S. S. Kirkpatrick1, J. W. Beddies2, M. H. Goldman1, M. B. Freeman1, F. A. Klein3, O. H. Grandas4; University Of Tennessee Graduate School Of Medicine, Knoxville, TN

47.4.Interleukin 18 (IL-18) Regulates Human Saphenous Vein Smooth Muscle Cell Function P. Pater1, A. Gurav2, M. Chun3, F. W. LoGerfo2, L. Pradhan Nabzdzyk1; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA; Robert Wood Johnson - UMDNJ, New Brunswick, NJ; New York College Of Osteopathic Medicine, Old Westbury, NY

47.5.Cytoplasmic Tyrosine 774 Is Critical For Eph-B4 Function C. D. Protack1, D. Lu1, K. Yamamoto1, W. Williams1, R. Assil1, M. Hall2, A. Dardik3; Yale University School Of Medicine. Department Of Surgery. Vascular Biology And Therapeutics Program., New Haven, CT

47.6.Nitric Oxide Prevents Adventitial Fibroblast Proliferation By Preventing UbcH10-Mediated Degradation Of Cyclin A. D. Tsilili1, K. W. Freischlag2, M. R. Kibble1; Northwestern University Division Of Vascular Surgery, Chicago, IL

47.7.Tectonict1, A New Hedgehog Signaling Molecule, Upregulates Endothelial Nitric Oxide Synthase In Human Endothelial Cells M. Jamaluddin1, Z. Liang1, J. L2, Q. Yao1, C. Chen2; Baylor College Of Medicine, Houston, Texas

47.8.Recombinant Bcl-xL Protein Attenuates TNF-alpha Induced Microvascular Endothelial Cell Hyperpermeability D. A. Sawant1, B. Tharakani2, F. A. Hunter1, E. W. Childs1; Department Of Surgery, Morehouse School Of Medicine, Atlanta, GA; Department Of Surgery, Texas A&M Health Science Center College Of Medicine & Scott And White Healthcare, Temple, TX
Thursday, February 7, 2013

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

10:00AM - 11:00AM  AAS Research Awards  ROOSEVELT

Presented by Lillian S. Kao, MD, MS & Julie Ann Sosa, MD

48.1. Ischemia, Hypoxia And Oxidative Stress In Bladder Outlet Obstruction And Bladder Overdistention Injury
T. Lin1; 1Taiwan Surgical Association.

48.2. “MicroRNA-9 targets ATG5 to block autophagy and induce cell death in medullary thyroid carcinoma”
Justin Gundara1; 1Surgical Research Society of Australasia.

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10:00AM - 11:00AM  SUS Research Awards & SUS International Speaker Presentations  WALDORF ASTORIA BALLROOM

Presented by Dev Desai, MD, SUS Scholarship Committee Chair & the SUS International Speakers

49.1. Clinical Significance Of CXCL-8 And CXCR-2 Network In Esophageal Cancer
M. Ogura1, H. Takeuchi1, H. Kawakubo1, T. Omoi1, Y. Kitagawa1; 1Keio University, Tokyo, 160-8582

11:00AM - 12:00PM  Education Plenary Session  ROOSEVELT

Moderators: Kelli Bullard-Dunn, MD & Bethany Sacks, MD

50.1. Preventable Mortality: Does The Perspective Matter When Determining Preventability?
M. Gupta1, C. Cutilli1, C. Reine1, C. Kean1, N. Fishman2, B. Fuchs3, P. Sullivan4, R. Kelz5; 1University Of Pennsylvania - Department Of Surgery, Philadelphia, PA; 2University Of Pennsylvania Health System, Philadelphia, PA; 3University Of Pennsylvania - Department Of Surgery, Philadelphia, PA

50.2. Effect Of Competitive Training On A Virtual Reality Simulator On Surgical Performance: A Randomized Controlled Trial
D. A. Hashimoto1, A. Khajuria1, L. Beyer-Berjot1, N. N. Williams1, A. Darzi1, R. Aggarwal1; 1Imperial College London - Department Of Surgery And Cancer, London, London; 2Perelman School Of Medicine, University Of Pennsylvania, Philadelphia, PA

50.3. Life Events Of Surgical Residents: Discrepancies Persist Between Women And Men
M. M. Chen1, H. Yeo2, S. A. Roman1, J. A. Sosa2; 1Yale University School Of Medicine, New Haven, CT; 2Memorial Sloan-Kettering Cancer Center, New York, NY

50.4. Shifting Schedules...Unchanged Performance: Psychomotor Evaluation Of General Surgery Residents On 24-Hour Call And Night Float Work Shifts
W. S. Yi1, S. Hafiz1, J. A. Sava1; 1Washington Hospital Center, Washington, DC

50.5. Medical Students Expectations On The Surgical Clerkship Exceed Those Of The Residents And Faculty
R. C. Quillin1, T. A. Pritts1, A. D. Tevar1, M. J. Edwards1, B. R. Davis1; 1University Of Cincinnati College Of Medicine - Department Of Surgery, Cincinnati, OH; 2University Of Pittsburgh - Thomas E. Starzl Transplantation Institute, Pittsburgh, PA

12:00PM - 1:30PM  Lunch in Exhibit Area  CRESCENT CITY BALLROOM

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12:00PM - 1:30PM  Education Committee Session  ROOSEVELT

“InTEGRATED SUBSPECIALTY PROGRAMS: WAY OF THE FUTURE OR RECIPE FOR DISASTER?”

Moderators: Kelli Bullard-Dunn, MD & Wei Zhou, MD

Cardiothoracic Surgery
Michael Acker, MD
Plastic Surgery
Michael Neumeister, MD
Vascular Surgery
Ronald Dalman, MD
ACGME/ABS
John Potts, MD

At the end of this session, participants will be able to:
1. Understand early specialization.
2. Understand the impact of early specialization on general surgery training.
3. Appreciate the benefits and potential issues facing program directors and trainees.
4. Gain insights into the position of the American Board of Surgery and ACGME.
Hot Topic Session: “Bleeding in the Operating Room – Why It's Bad & How to Stop It!”

Moderators: Victor Ferraris, MD & Col. Todd E. Rasmussen, MD, USAF, MC

- Does Intraoperative Blood Transfusion Help? What is the evidence? Victor Ferraris, MD
- Bleeding in Cardiac Surgery: Lessons Learned and Translation to Elective and Emergency Surgery Todd Rosengart, MD
- Bleeding in the Setting of Trauma: Lessons in Surgical Hemostasis from the Wars in Afghanistan and Iraq Lt. Col. Gerald R. Fortuna, MD, USAF, MC
- Management of Bleeding in the Non-Surgical, Non-Trauma Patient: A Transfusion Medicine Perspective Lawrence (Tim) Goodnough, MD

At the end of this session, participants will be able to:
1. Identify clinical factors placing patients at high risk for perioperative bleeding.
2. Gain comfort in the multi-modality approach to blood conservation that broadens the focus from limiting blood transfusion to a more comprehensive strategy that includes maintaining adequate hemoglobin concentration, optimizing hemostasis, and minimizing blood loss in order to limit transfusion.
3. Understand the differences in transfusion strategies in civilian and military trauma compared to elective or semi-elective operations.
4. Understand options for handling massive transfusion and treatment of intractable bleeding in the civilian and military settings.
5. Learn the value of a multidisciplinary approach to management of blood resources, especially as it relates to uncontrolled bleeding.

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Hot Topic Session: “Global Health and Academic Surgery: Practical Perspectives”

Moderators: Chandra Are, MD & Purvi Parikh, MD

- Resident’s Perspective (Clinical Aspects) Paul Kolkman, MD
- Resident’s Perspective (Research Aspects) Megan Frost, MD
- Junior Faculty’s Perspective Randeep Jawa, MD
- Senior Faculty’s Perspective Ray Price, MD
- Program Director’s Perspective Chandra Are, MD

At the end of this session, participants will be able to:
1. Provide practical perspectives and knowledge on global surgical healthcare, as part of surgical educational curricula and as volunteer or outreach work for the academic surgical community.
2. Provide a rationale for the involvement of the academic surgical community in these global health endeavors.
3. Outline methods to develop surgical capacity in the third world in which the academic surgical community can play a vital and much needed role.
4. Delineate the clinical and research avenues where the involvement of the academic surgical community can be beneficial.
### Outcomes Panel Discussion: “Surgical Outcomes Research: Setting the Agenda for the Next 10 Years”

**Moderator:** Heather Neuman, MD

- **Delivery System Reform (Policy)**
  - Justin B. Dimick, MD, MPH

- **Systems Redesign (Safety/Quality)**
  - Caprice Greenberg, MD

- **Patient-Centered Outcomes Research/Comparative Effectiveness Research**
  - George Chang, MD

- **Disparities Research**
  - Sandra Wong, MD

At the end of the session, participants will be able to:

1. Discuss cutting edge research and important future directions in the four key domains of health services.
2. Describe key issues in health care policy reform affecting surgeons.
3. Understand major concepts in systems redesign, with a focus on the safety and quality of surgical care.
4. Describe the evolution of and major advances in patient-centered outcomes research and comparative effectiveness research.
5. Identify cutting-edge approaches to understanding and reducing health disparities.

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### Afternoon Break

**CRESCENT CITY BALLROOM**
51.1. National Costs Of Trauma Care: A Burden On Hospitals Or Taxpayers? N. Y. Enwerem, A. Obirieze, X. Hui, Z. G. Hashmi, V. K. Scott, E. Cornwell, E. B. Schneider, A. H. Haider; Center For Surgical Trials And Outcomes Research (CSTOR), Baltimore, Maryland; Outcomes Research Center, Department Of Surgery, DC, Washington; Center For Surgical Trials And Outcomes Research (CSTOR), Baltimore, Maryland; Center For Surgical Trials And Outcomes Research (CSTOR), Baltimore, Maryland; Center For Surgical Trials And Outcomes Research (CSTOR), Baltimore, Maryland; Center For Surgical Trials And Outcomes Research (CSTOR), Baltimore, Maryland.

51.2. General Surgeon Workforce In The Era Of The Affordable Care Act M. G. Jenkins, T. C. Fabian, B. L. Zarzaur; University Of Tennessee Health Science Center, Memphis, TN.

51.3. Follow The Leader? The Impact Of Leadership Style On Team Performance In The OR Y. Hu, S. H. Parker, A. A. Arriaga, S. E. Peyre, K. A. Corso, E. M. Roth, S. J. Yule, C. C. Greenberg; Brigham & Women’s Hospital, Boston, MA; Beth Israel Deaconess Medical Center, Boston, MA; MedStar Health Research Institute, Washington, DC; University Of Rochester Medical Center, Rochester, NY; Roth Cognitive Engineering, Brookline, MA; University Of Wisconsin Madison, WI.


51.9. Measuring The Relative Importance Of Selected Discharge Criteria Among Practicing Surgeons I. L. Leeds, V. Sadiraj, J. C. Cox, K. E. Schnier, J. F. Sweeney; Emory University School Of Medicine, Department Of Surgery, Division Of General And GI Surgery, Atlanta, GA.


51.11. Need For Foley Catheterization In Children With Perforated Appendicitis E. M. Knott, N. Sharp, P. Thomas, S. D. St. Peter; Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO.

51.12. Comparison Of Traditional And Universal Bed Health Care Delivery System After Lobectomy For Non-Small Cell Lung Cancer: A Decade Of Single-Center Experience V. L. Sales, B. Nami, T. M. Anne, T. Hoang, T. C. Campbell, G. M. Cannon, W. M. Horton, J. M. Key, T. L. Weigel; Section Of Thoracic Surgery, University Of Wisconsin Carbone Cancer Center, UW- Madison School Of Medicine And Public Health, Madison, WI; Division Of Hematology/Oncology, University Of Wisconsin Carbone Cancer Center, UW- Madison School Of Medicine And Public Health, Madison, WI; Department Of Human Oncology, University Of Wisconsin Carbone Cancer Center, UW- Madison School Of Medicine And Public Health, Madison, WI; University Of Wisconsin Hospital And Clinics, Madison, WI.

51.13. Ileostomy Creation During Colorectal Cancer Surgery Is Associated With Increased Risk Of Acute Kidney Injury K. S. Lau, L. T. Li, V. Ramanathan, S. T. Orcutt, G. M. Barden, N. J. Petersen, S. Sangiry, A. D. Naik, A. Artinyan, D. Albo, D. H. Berger, D. A. Anaya; Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX; Department Of Medicine, Division Of Nephrology, Baylor College Of Medicine, Houston, TX; Houston VA Health Services Research & Development Center Of Excellence, Houston, TX; Department Of Medicine, Baylor College Of Medicine, Houston, TX; South Central Mental Illness Research Education And Clinical Center, Houston, TX; Operative Care Line, Michael E. DeBakey VA Medical Center, Houston, TX.


51.17. Pediatric Adverse Event Reporting And The Role Of Patient Safety Organizations E. M. Pontarelli, E. C. Jesudason, J. E. Stern; Children’s Hospital Los Angeles, Los Angeles, CA.
52.1. Establishment Of A Specialty Hernia Referral Center Increases Surgical Volume And Has A Significant Institutional Financial Impact K. B. Williams, J. F. Bradley, B. A. Wormer, K. T. Dacey, I. Belyansky, K. Kercher, T. Henfird; Carolina Medical Center, Charlotte, NC

52.2. Increased Efficiency Of Endocrine Procedures Performed In An Ambulatory Operating Center N. Clark, S. Vrabec, D. F. Schneider, P. S. Bauer, H. Chen, R. S. Sippel; University Of Wisconsin - Madison Department Of Surgery, Madison, WI

52.3. Cost And Quality Of Life Thresholds That Determine The Cost-Effectiveness Of Scarless Thyroidectomy K. Zanocco, D. Eliaraj, C. Surgeon; Northwestern University Department Of Surgery, Chicago, IL; Northwestern University Center For Healthcare Quality, Chicago, IL


52.5. Factors Affecting Variation In Receipt Of Surgical Intervention For Hepatic Malignancies At A High Volume Liver Cancer Center A. P. Chidi, D. A. Geller, C. Bryce, A. Tsung; University Of Pittsburgh School Of Medicine, Pittsburgh, PA; University Of Pittsburgh Graduate School Of Public Health, Pittsburgh, PA

52.6. Younger Age Is Associated With Increased Risk Of Hypoparathyroidism After Thyroidectomy For Graves Disease K. E. Lewis, G. G. Callender, E. T. Stephen, F. L. Harden, M. B. Flynn, J. M. Bumpous, R. E. Goldstein, A. R. Quillo; University Of Pittsburgh Medical Center - Department Of Surgery, Pittsburgh, PA; University Of Pittsburgh Graduate School Of Public Health, Pittsburgh, PA


52.8. Incidental Primary Ventral Hernias: To Repair Or Not To Repair J. A. Davis, R. L. Berger, M. L. Clapp, N. S. Becker, C. Chu, L. T. Li, S. C. Hicke, D. H. Berger, S. S. Awad, M. K. Liang; Baylor College Of Medicine And The Michael E. DeBakey VA Medical Center, Houston, Texas; Rice University, Houston, Texas

52.9. Short Term Pain As A Predictor Of Chronic Pain After Inguinal Hernia Repair J. F. Bradley, A. L. Walters, K. B. Williams, B. A. Wormer, V. A. Augenstein, I. Belyansky, B. T. Henfird; Carolina Medical Center, Charlotte, NC; Anne Arundel Medical Center, Annapolis, Maryland

52.10. Factors Predictive Of Ablation, Surgical Resection Or Transplantation For Hepatocellular Carcinoma: Analysis Of The Texas Cancer Registry T. C. Ko, J. S. Bynon, L. S. Kao; UTHealth Center For Clinical And Translational Sciences, Houston, Texas; University Of Texas Health Science Center At Houston, Houston, Texas

52.11. Major Hepatic Resection Is Safe In Patients With Coronary Artery Disease. M. E. Lidsky, R. S. Tulrey, A. S. Barbasi, S. K. Reddy, B. M. Clary; Duke University Medical Center, Durham, NC; University Of Pittsburgh Medical Center, Pittsburgh, PA

52.12. Unilateral Thyroidectomy For The Treatment Of Benign Multinodular Goiter P. S. Bauer, S. Murray, N. Clark, D. S. Pontes, R. S. Sippel, H. Chen; University Of Wisconsin - Madison Department Of Surgery, Madison, WI


52.15. Timing Of Operation And Postoperative Outcomes In Patients Requiring Admission For Bowel Obstruction. R. S. Tulrey, C. McCoy, J. Keenan, M. L. Shapiro, J. Migaly, J. E. Scarborough; Duke University Medical Center, Durham, N/A

52.16. Endovascular Repair Of Thoracic Aortic Injury: Initial Experience At The Puerto Rico Trauma Center J. L. Velazquez, G. Rivera, S. Grigg, P. Rodriguez, F. Jogiari; University Of Puerto Rico School Of Medicine, General Surgery Section, San Juan, Puerto Rico; University Of Puerto Rico School Of Medicine, Vascular Surgery Section, San Juan, Puerto Rico; University Of Puerto Rico School Of Medicine, Trauma Surgery Section, San Juan, Puerto Rico; University Of Puerto Rico School Of Medicine, Puerto Rico, Puerto Rico

52.17. Insurance Type, Not Race, Predicts Mortality After Pediatric Trauma S. S. Short, D. Liou, M. B. Singer, D. Margulies, M. Bukr, A. Salim, E. J. Ley; Cedars-Sinai Medical Center, Los Angeles, California
53.1. The Limitations of An IPTH-Based Protocol For The Prevention Of Symptomatic Hypocalcemia After Thyroidectomy Y. M. Carter1, H. Chen2, R. S. Sippel1; 1University Of Wisconsin Department Of Surgery, Madison, WI; 2University Of Wisconsin Department Of Surgery, Madison, WI


53.3. Negative Imaging Is Not A Contraindication To Surgical Parathyroidectomy H. Wachtel1, M. C. Wismer1, E. K. Bartlett1, P. K. Shah1, K. K. Shah1, R. R. Kelz1, G. C. Karakousis1, D. L. Fraker1; 1Hospital Of The University Of Pennsylvania, Philadelphia, PA

53.4. Evaluation Of Surgical APAGAR Scale In The Prediction Of Postoperative Complications And Mortality: A Prospective Analysis In A Fourth Level Center In Bogota. M. Castro1, E. L. Espitia1, N. Tarazona1, L. C. Dominguez1; 2Pontificia Universidad Javeriana - Hospital Universitario San Ignacio, Bogota, Colombia

53.5. Decreased Sensitivity And Positive Predictive Value Of Ultrasonography Findings In The Diagnosis Of Pediatric Cholecystitis J. Tsai1, P. C. Minneci1, J. Sulkowski1, J. Cooper1, K. J. Deans1; 1Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas, MO

53.6. Efficacy Of Localization Studies And Intraoperative Parathormone Monitoring In The Surgical Management Of Hyperfunctioning Ectopic Parathyroid Glands M. B. Albuja-Cruz1, P. C. Minneci1, J. Sulkowski1, J. Cooper1, K. J. Deans1; 1Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas, MO

53.7. Novel Computational Model To Reassess Cancer Patient Survival At Time Of Follow-up Visits L. Ross1, A. Nowacki1, A. Siperstein1; 1Cleveland Clinic, Cleveland, Ohio

53.8. Intraoperative PTH Monitoring Criteria In Secondary Hyperparathyroidism C. M. Webb1, H. Wachtel1, E. K. Bartlett1, P. K. Shah1, K. K. Shah1, R. Kelz1, G. C. Karakousis1, D. L. Fraker1; 1Department Of Surgery, Perelman School Of Medicine At The University Of Pennsylvania, Philadelphia, PA

53.9. Radioactive Iodine Scanning Is Not Beneficial But Its Use Persists For Euthyroid Patients R. Panneerselvan1, D. F. Schneider1, R. S. Sippel1, H. Chen1; 1University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI

53.10. The Ethics Of Exception For Emergency Research T. L. Chin1, E. E. Moore1, A. Ghassabian1, J. N. Harr1, A. Banerjee1, M. Coors1; 1University Of Colorado Denver, Aurora, CO; 2Denver Health Medical Center, Denver, CO

53.11. The Community Speaks: Analyzing Attitudes About The AVERT Shock Trial And Exception From Informed Consent (EFIC) In Emergency Research S. E. Greer1, R. M. Speck1, L. M. Sundaram1, J. Isserman1, P. G. Nathanson1, S. Sonnad1, C. A. Sims1; 1Hospital Of The University Of Pennsylvania, Philadelphia, PA; 2University Of Pennsylvania School Of Medicine, Philadelphia, PA

53.12. Qualitative Assessment Of Dimensions Of Trauma Care S. W. Lu1, D. Heltzer2, A. Sussman2; 1University Of New Mexico HSC, Albuquerque, NM; 2University Of New Mexico HSC, Albuquerque, NM

53.13. Resource Utilization Following Bowel Resection Versus Reduction Of Intussusception N. Sharp1, P. Thomas1, S. D. St. Peter1; 1Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas, MO

53.14. Monocyte Levels Differ Between Diabetic and Non-Diabetic Patients With Peripheral Arterial Disease After Lower Extremity Revascularization M. Kollisch-Singule1, E. Jaruga-Killeen1, B. Sadowitz1, M. J. Costanza1, K. Amankwa1; 1Upstate Medical University, Syracuse, NY; 2Syracuse VA Medical Center, Syracuse, NY; 3Orlando Regional Medical Center, Orlando, FL

53.15. Elevated Heparin Induced Antibodies Are More Common In Diabetic Patients With Vascular Disease M. S. Patel1, T. Street1, M. Haydar1, J. Bismuth1, E. J. Arbid1, M. G. Davies1, J. J. Naoum1,2,3; 1Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas, MO; 2Lebanese American University, Beirut, Lebanon; 3Mount Sinai Medical Center, New York, NY

53.16. The Impact of Intensivists’ Base Specialty Training On Care Process and Outcomes of Critically Ill Trauma Patients K. Matsushima1, E. Goldwasser1, E. Schaefer1, J. Then1, E. Bradburn1, S. Armen1, D. Galvan1, M. Indeck1; 1Penn State Milton S. Hershey Medical Center, Hershey, PA

53.17. Counting The Lives Lost: How Many Black Trauma Deaths Are Attributable To Disparities? V. K. Scott1, Z. G. Hashmi1, E. B. Schneider1, X. Hui1, N. Y. Enwerem1, D. T. Efron1, E. E. Cornwell1, A. H. Haider1; 1Center For Surgery Trials And Outcomes Research (CSTOR), The Johns Hopkins School Of Medicine, Baltimore, MD; 2Department Of Surgery, Howard University College Of Medicine, Washington, DC
SCIENTIFIC PROGRAM

Thursday, February 7, 2013

3:30PM - 5:30PM

Integrated Quick Shot Session II (continued)

EDUCATION 2: SURGICAL EDUCATION POTPOURRI

LAFITTE

Moderators: Peter Nelson, MD & Patrick Reilly, MD

54.1. Using Social Media To Recruit Future Cardiothoracic Surgeons J. Meza1, N. Teman1, R. M. Reddy1; 1University Of Michigan, Ann Arbor, MI; 2Duke University Medical Center, Raleigh, NC

54.2. Practice Patterns In Arkansas: Does Selection Of Students From Medically Underserved Areas Increase Rural Medical Service? C. M. Kandelval1, J. Mizell1, E. Pace1; 1University Of Arkansas For Medical Sciences, Little Rock, AR

54.3. Female Medical Student Interest In Cardiothoracic Surgery: Barriers We Must Overcome J. Meza2, V. Sood1, R. M. Reddy1; 1University Of Michigan, Ann Arbor, MI; 2Duke University Medical Center, Raleigh, NC

54.4. Teamwork Attitudes Of Graduating Medical Students J. T. Paige1, D. Garbee1, V. Rusnak1, M. Bronson1, R. DiCarlo1, A. Marr1; 1Louisiana State University Health Sciences Center, New Orleans, LA

54.5. The Effectiveness Of A Structured Daily Teaching Curriculum On Medical Student Performance On A General Surgery Clerkship E. Miao1, V. Lau1,2, K. Barrera1,2, M. Klein1,2, C. Turner1,2, A. Sanni1,2; 1SUNY - Downstate Medical Center, Brooklyn, NY; 2Kings County Hospital Center, Brooklyn, NY

54.6. Inductive Or Deductive Teaching Of Medical Students On A General Surgery Clerkship M. Klein1,2, K. Barrera1,2, E. Miao1, V. Lau1,2, C. Turner1,2, A. Sanni1,2; 1SUNY - Downstate Medical Center, Brooklyn, NY; 2Kings County Hospital Center, Brooklyn, NY

54.7. Teaching Medical Students To Repair Traumatic Wounds: The Results Of A Curriculum Change J. Gale1, C. Giarner1, R. Sippel1; 1University Of Wisconsin - Madison Department Of Surgery, Madison, WI

54.8. Medical Students As Resident Educators On A General Surgery Service V. Lau1,2, E. Miao1, K. Barrera1,2, M. Klein1,2, C. Turner1,2, A. Sanni1,2; 1SUNY - Downstate Medical Center, Brooklyn, NY; 2Kings County Hospital Center, Brooklyn, NY

54.9. Porcine Wet Lab Improves Surgical Skills In Third Year Medical Students J. M. Drosdeck1, E. A. Carraro1, M. W. Arnold1, K. A. Perry1, A. E. Harzman1, R. Nagel1, L. M. Sinclair1, P. Muscarella1; 1The Ohio State University Wexner Medical Center, Columbus, OH

54.10. Spouses Of Thoracic Surgery Applicants: Changing Demographics And Motivations In A New Generation R. M. Reddy1, M. Bohl1, R. M. Reddy1; 1University Of Michigan, Ann Arbor, MI

54.11. Informed Consent To Inguinal Herniorrhaphy And Cholecystectomy: Differences Between What Surgeons Say They Discuss And What They Actually Do Discuss. D. E. Hall1,2, P. Morrison1, C. Nikolajski1,2, R. Arnold1, M. Fine1,2, S. Zickmund1,2; 1VA Pittsburgh Healthcare System, Pittsburgh, PA; 2University Of Pittsburgh, Pittsburgh, PA

54.12. Training In Medical Documentation And Billing As A Measure Of Practice-Based Learning And Improvement J. B. Burns1, T. Lester1, D. Chesire1, M. A. Schinco1; 1University Of Florida College Of Medicine Jacksonville, Jacksonville, Florida

54.13. The Pediatric Surgeon’s Road To Research Independence: Utility Of Mentored-Based National Institute Of Health Grants A. Leung1, I. Sharma-Crawford1, T. H. Inge1, A. F. Shaaban2, T. M. Crombleholme3, B. W. Warner4, S. G. Keswani1; 1Cincinnati Children’s Hospital Medical Center, Cincinnati, OH; 2University Of Iowa Hospitals And Clinics, Iowa City, IA; 3Children’s Hospital Colorado, Aurora, CO; 4St Louis Children’s Hospital, St Louis, MO
### GASTROINTESTINAL/NUTRITION 3: HINDGUT/PEDIATRICS

**Moderators: Darrell L. Cass, MD & Kasper S. Wang, MD**

**55.1.** Microbiome Analysis And Bacterial Enteroinvasion In A Murine Model Of Hirschsprung’s Disease J. F. Pierre, A. F. Heneghan, C. S. Erickson, I. Zaitoun, M. L. Epstein, K. A. Kudsk, A. Gosain; *Veteran Administration Surgical Service, William S. Middleton Memorial Veterans Hospital, Madison, WI; Department Of Surgery University Of Wisconsin, Madison, WI; Department Of Neuroscience, Madison, WI*

**55.2.** Choice Of Antibiotic Prophylaxis For Colorectal Surgery Does Matter R. J. Deierholz, C. C. Vick, M. T. Hawn, K. M. Itani, L. G. Dawes; *The Center For Surgical Medical Acute Care Research And Transitions, Birmingham VA Medical Center, Birmingham, AL; Section Of Gastrointestinal Surgery, Department Of Surgery, University Of Alabama At Birmingham, Birmingham, AL; Department Of Surgery, VA Boston Health Care System, West Roxbury, MA; University Of South Florida James A. Haley VA Medical Center, Tampa, Fds*

**55.3.** American Society Of Anesthesiologist (ASA) Class And Charlson’s Index As Predictors Of Postoperative Colorectal Anastomotic Leak: A Single Institution Experience W. Tan, Q. Leong, V. A. Talbott, G. A. Isenberg, S. D. Goldstein; *Thomas Jefferson University Hospital, Philadelphia, PA*

**55.4.** Bormesin Prevents Enteric Nervous System Neuronal Density And Neurotransmitter Changes Associated With Parenteral Nutrition A. F. Heneghan, J. F. Pierre, C. S. Erickson, I. Zaitoun, A. J. Barlow, M. L. Epstein, K. A. Kudsk, A. Gosain; *Veteran Administration Surgical Service, William S. Middleton Memorial Veterans Hospital, Madison, WI; Department Of Surgery University Of Wisconsin, Madison, WI; Department Of Neuroscience, Madison, WI*

**55.5.** Single Incision Vs. Conventional Laparoscopic Ileocecectomy In Pediatric Crohn Disease C. G. Salters, S. Bairdain, C. Lien, C. Turner, F. Gray, V. Johnson, D. Zurakowski, B. C. Linden; *Children’s Hospital Boston, Boston, MA; Children’s Hospital Boston, Boston, MA*

**55.6.** Obesity, Outcomes And Quality Of Care: BMI Increases The Risk Of Wound-Related Complications In Colon Cancer Surgery R. Amri, L. G. Bordeianou, P. Sylla, D. L. Berger; *Massachusetts General Hospital & Harvard Medical School, Boston, MA*


**55.8.** Pilonidal Disease Outcomes Following Surgery In A Military Population: How Far Have We Really Come? E. B. Fitzpatrick, P. M. Chesley, M. O. Oguntoye, J. A. Maykel, E. K. Johnson, S. R. Steele; *Madigan Army Medical Center, Fort Lewis, WA; University Of Massachusetts Medical School, Worcester, MA*

**55.9.** MicroRNA-21 Expression Is Correlated With Lymph Node Positivity In Rectal Cancer Y. Gong, T. Li, A. Riordan, S. Ronneklev-Kelly, P. Geiger, M. Nukaya, B. Harms, G. D. Kennedy; *University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI; Chinese PLA General Hospital, Beijing, Beijing*

**55.10.** Epigenetic Upregulation Of Beta-2 Microglobulin In Microsatellite Stable Colon Cancer Cell Lines A. A. Guzzetta, R. Kwak, R. Vatapalli, L. Syed, A. Koch, H. Easwaran, S. B. Baylin, N. Ahuja; *Johns Hopkins Hospital, Baltimore, MD; Ghent University, Gent, Gent*

**55.11.** Gallstone Ileus: Revisiting Surgical Outcomes Using NSQIP Data M. K. Mallipetddi, T. N. Pappas, M. L. Shapiro, J. E. Scarborough; *Duke University Medical Center, Durham, NC*

**55.12.** The Surgical Apgar Score in Automated Assessment of Readmission Risk A. Gbegnon, J. M. Monestina, J. W. Cromwell; *University Of Iowa Hospitals And Clinics, Iowa City, IA*

**55.13.** Dislodged Surgical Feeding Tubes: Should We Abandon bedside Contrast Abdominal KUB’s In Favor Of CT. R. Eisenstadt, R. L. Sensenig, D. Holena, C. Sims, B. Braslow, J. Pascual; *University Of Pennsylvania - Division Of Traumatology, Philadelphia, PA*

**55.14.** Reduced Use Of Computed Tomography In Patients Treated With Interval Appendectomy After Implementing A Protocol From A Prospective, Randomized Trial E. M. Knott, A. C. Gasior, P. G. Thomas, N. Sharp, S. D. St. Peter; *Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas City, Missouri*

**55.15.** A Comparative Analysis Of Techniques For The Laparoscopic Insertion Of Gastrostomy Tubes In Pediatric Patients L. K. Baker, S. Emii, R. Baird; *McGill University, Montreal, Quebec; Department Of Pediatric Surgery, Montreal, Quebec*

**55.16.** Vascular Endothelial Growth Factor Receptor-2 Inhibition In A Model Of Murine Colitis J. L. Knod, J. S. Frischer, E. C. Donovan, M. R. Dusing, K. M. Crawford, A. Chernoguz; *Cincinnati Children’s Hospital Medical Center, Division Of Pediatric General And Thoracic Surgery, Cincinnati, Ohio*

**55.17.** The Impact Of Culture Results On Antimicrobial Therapy For Intra-Abdominal Abscesses Associated With Appendicitis-Are Cultures Really Necessary? P. G. Thomas, A. C. Gasior, N. Sharp, E. M. Knott, S. D. St. Peter; *Children’s Mercy Hospital-University Of Missouri Kansas City, Kansas City, Missouri*

**55.18.** Identification of Ecr4g And Its Cytokine-Like Protein Product In Lung: Differential Down Regulation After Exploratory Laparotomy A. Shaterian, S. Kao, D. M. Cauvi, A. DeMatio, H. Chun, T. Costantini, R. Coimbra, B. Elceirin, A. Baird; *Division Of Trauma, Critical Care, And Burns. Department Of Surgery, University Of California - San Diego, School Of Medicine, San Diego, CA*
3:30PM - 5:30PM Integrated Quick Shot Session II (continued)

GLOBAL HEALTH 1: GLOBAL HEALTH

Moderators: Susan L. Orloff, MD & Mamta Swaroop, MD

56.1. Use Of Geographic Information Systems To Evaluate Access To Surgical Care At A Rural District Hospital

G. N. Mody1, F. Munyanza2, D. Hazikamana3, J. Hwabejire4, A. Karamaga5, R. Riviello1; 1Brigham & Women’s Hospital, Boston, MA; 2Massachusetts General Hospital, Boston, MA; 3Rwinkwavu Hospital, Rwinkwavu, Kayonza

56.2. Redefining Academic Surgery: Identifying Trends In Research And The Rise Of Global Surgery

K. Mirza1, E. Yang1, B. Nwomeh2, S. L. Orloff1, S. Krishnaswami3; 1Department Of Surgery, Oregon Health & Science University, Portland, OR; 2Department Of Surgery, Nationwide Children’s Hospital, Columbus, OH; 3Wright State University Department Of Surgery, Dayton, OH; 4Department Of Surgery, University Of California For Medical Sciences, Little Rock, AR

56.3. Designing An Ethics Curriculum To Support Student Volunteerism In Global Surgery

B. Martin1, T. Love1, J. Srinivasan1, J. Sharma1, J. Pattaras1, B. Pettitt1, C. Sullivan1, V. Master1, L. Brewster1; 1Emory University School Of Medicine, Atlanta, GA

56.4. Abdominal Surgical Emergencies In Ethiopia; A Shifting Paradigm

L. R. Hanks1, N. A. Seyoum2, C. Lin1, G. Tefera1; 1Department Of Surgery, University Of Wisconsin School Of Medicine And Public Health, Madison, WI; 2Department Of Surgery, Addis Ababa University School Of Medicine, Addis Ababa, N/A

56.5. A Model For Improving Surgical Education In The Developing World: Teaching Hernia Repairs In Liberia

D. Rhee1, D. Papandria1, R. Rana1, K. Cartwright2, F. Abdullah1; 1Johns Hopkins Hospital, Baltimore, MD; 2Saint Joseph Mercy Hospital, Ann Arbor, MI; 3Children’s Hospital Central California, Madera, California; 4Humanity First USA, Baltimore, Maryland

56.6. Spectrum And Volume Of Major Surgical Procedures Performed By Non-Physician Surgeons At A District Hospital In Rural Mozambique

H. Luu1, P. Bendix1, A. Assane2, F. Vaz2, C. Funzamo2, E. Noormahomed2, S. W. Bickler3; 1University Of California - San Diego, La Jolla, CA; 2Universidade Eduardo Mondlane , Maputo, ; 3Dartmouth-Hitchcock Medical Center, Lebanon, NH

56.7. A Quantitative Analysis Of Surgical Capacity Of Public Hospitals In The State Of Santa Cruz, Bolivia

A. Martin1, R. Barbero2, J. J. Leow2, R. S. Groen3, E. J. Skow1, A. L. Kushner3, B. C. Nwomeh3; 1Department Of Surgery, University Of Minnesota, Minneapolis, MN; 2Surgeons OverSeas (SOS), New York, New York; 3Programa De Enfermedades No Transmisibles, Servicio Departamental De Salud Del Gobierno Aut o Departamental De Santa Cruz, Santa Cruz De La Sierra, Santa Cruz; 4Royal Tropical Institute, Amsterdam, North Holland; 5Department Of Surgery, Ohio State University, Columbus, Ohio; 6Department Of Surgery, Columbia University, New York, New York

56.8. Post-Discharge Complications And Follow-Up During Short-Term Surgical Volunteerism In Rural Haiti

B. Martin1, S. Kapadia1, L. Hugar2, I. Leeds1, M. P. Chery2, B. Pettitt3, C. Sullivan1, J. Pattaras1, V. A. Master1, J. Srinivasan1, J. Sharma1; 1Emory University School Of Medicine, Atlanta, GA; 2Project Medishare For Haiti, Thomonde, Centre Province; 3Hal St. The se , Hinche, Centre Province

56.9. Patterns Of Injury: Motorized Two Wheeler Pillion Riders In New Delhi, India

S. M. Siddiqui1, J. Peipert2, M. Crandall1, J. P. Groen4; 1Northwestern University Feinberg School Of Medicine, Chicago, IL; 2Washington University School Of Medicine, St. Louis, MO; 3The All India Institute Of Medical Sciences, JPN Apex Trauma Center, New Delhi, India

56.10. Pediatric Trauma Admissions To A District Hospital In Mozambique

B. Huang1, P. Bendix1, M. Sipriano1, A. Assane2, F. Vaz2, C. Funzamo2, E. Noormahomed2, S. W. Bickler3; 1University Of Pittsburgh , Pittsburgh, PA; 2Dartmouth-Hitchcock Medical Center, Lebanon, NH; 3Universidade Eduardo Mondlane , Maputo, ; 4University Of California - San Diego, La Jolla, CA
TUESDAY, FEBRUARY 5, 2013

ONCOLOGY 4: BASIC SCIENCE

Moderators: Mark Hellmich, MD & Ajay Jain, MD

57.1. Activation Of The Raf-1 Signaling Pathway In Lung Carcinoid Tumor UMC-11 Cells A. D. Harrison1, H. Chen1, M. Kunnimalaiyan1; 1Wisconsin Institutes For Medical Research, Madison, WI

57.2. Development Of A New Method To Measure Sphingosine-1-phosphate In Tumor Interstitial Fluid By Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry M. Nagahashi1,2, J. Allegood3, A. Yamada4, T. Aoyagi5, W. Huang5, H. Miyazaki5, S. Milstein5, S. Spiegel5, K. Takabe5,6,7; 1Division Of Surgical Oncology, Virginia Commonwealth University School Of Medicine, Richmond, VA; 2Department Of Biochemistry And Molecular Biology, And Massey Cancer Center, Virginia Commonwealth University School Of Medicine, Richmond, VA; 3Department Of Biochemistry And Molecular Biology And The Massey Cancer Center, Virginia Commonwealth University School Of Dentistry, Richmond, VA

57.3. Appropriateness Of Models Of Cancer Cell Implantation To Study Breast Cancer Lung Metastasis Evaluated By Genome-Wide Microarray Analysis O. M. Rashid1, M. Nagahashi1,2, S. Ramachandran1, C. Dumur1, J. Schaum1, S. Milstein5, S. Spiegel5, K. Takabe5,6,7; 1Division Of Surgical Oncology, Department Of Surgery, Richmond, VA; 2Department Of Biochemistry And Molecular Biology And The Massey Cancer Center, Virginia Commonwealth University School Of Medicine, Richmond, VA; 3Department Of Pathology, Richmond, VA

57.4. Isolation Of Circulating Tumor Cells From Patient Derived Xenograft Models Of Pancreatic Cancer R. J. Torphy1,2, W. Welch1, P. Rabinovich1; 1Department Of Surgery, Virginia Commonwealth University School Of Medicine, Richmond, VA; 2Department Of Biochemistry And Molecular Biology And The Massey Cancer Center, Virginia Commonwealth University School Of Medicine, Richmond, VA; 3Philips Institute For Oral & Craniofacial Molecular Biology, Virginia Commonwealth University School Of Dentistry, Richmond, VA

57.5. Therapeutic Implications Of MSC-mediated Delivery Of siRNA Via Gap Junctions In The Treatment Of Colon Cancer K. Chang1, S. Kosari1, J. Karas1, T. Greggi1, P. Brink1, R. Bergamaschi1; 1Stony Brook University Medical Center, Stony Brook, NY

57.6. Altered RecQ Helicase Expression In Sporadic Primary Colorectal Cancers V. V. Lao1,2,3, K. T. Carter1,2, D. Szczepiorkowski4, P. Welcsh5, P. Rabinovich6, N. Sarvetnick7, W. M. Grady1,2; 1University Of Washington, Seattle, WA; 2Fred Hutchinson Cancer Research Center, Seattle, WA; 3University Of Nebraska Medical Center, Omaha, NE

57.7. CD146-Latexin Cross-Talk And Their Potential Role In Thyroid Tumorigenesis Z. Y. Abd Elmageed1, L. Yao1, K. Moroz2, D. P. Slakey1, E. Kandil1; 1Tulane Health Sciences Center, Tulane University School Of Medicine, New Orleans, LA

57.8. Identification Of Sirpa And Mapk AS Downstream Targets Of Notch3 In Medullary Thyroid Carcinoma J. Eide1, A. Darmmala-pati2, R. J. Sztul1, H. Chen1; 1Department Of Surgery, Madison, WI

57.9. Cetuximab-IRDye800 Bioconjugate To Image Breast Cancer In A Preclinical Xenograft Model M. L. Korb1, Y. E. Hartman1, K. R. Zinn1, E. L. Rosenthal1; 1University Of Alabama - Birmingham, Birmingham, Alabama

57.10. PDX-1 And PDX-1 With Proline 45 Deletion Mediate Oncogenesis Through The Insulin Signaling Pathway, Axon Guidance Genes, And P53 Signaling Pathway J. Wu1, S. Liu2, J. Yu1, G. Zou1, M. Gingras1, R. Gibbs2, W. Fisher2, F. C. Brunicardi1; 1Department Of Surgery, David Geffen School Of Medicine At University Of California, Los Angeles, California; 2Human Genome Sequencing Center, Elkins Pancreas Center, Baylor College Of Medicine, Houston, Texas

57.11. The Dominant Role Of TBK1 Over IKKe In KRas Transformed Tumors In Regulating Cellular Proliferation R. S. Sweeting1, A. S. Baldwin2, H. J. Kim1,2; 1University Of North Carolina - Department Of Surgery, Chapel Hill, NC; 2Lineberger Cancer Center, Chapel Hill, NC

57.12. Identifying Constraints On A Set Of Putative Mechanisms Affecting The Dynamics Of Oligo- Versus Poly-metastases Using Agent-based Modeling A. Uppal1, S. Wightman1, S. Ganai1, N. N. Khodarev1, R. R. Weichselbaum1, G. An1; 1University Of Chicago Pritzker School Of Medicine, Chicago, IL

57.13. EDC-1: A New Targeted Drug With Anti-Proliferative Effects On Late Stage Thyroid Cancers K. Ahmed1, X. Yu1, A. Dammalapati1, D. Marshall1, J. Prudent1, R. Jaska1, H. Chen1; 1Department Of Surgery, University Of Wisconsin, Madison, WI; 2Centrose LLC, Madison, WI

57.14. A Bicistronic Retroviral Vector Expressing IL-15 And Herpes Simplex Virus Thymidine Kinase For The Transduction Of Human T Lymphocytes For Adoptive Cell Transfer Therapies C. Hsu1, J. D. Abad1, R. A. Morgan1; 1David Geffen School Of Medicine At UCLA, Los Angeles, CA; 2Indiana University Health Goshen Center For Cancer Care, Goshen, IN; 3Surgery Branch, National Cancer Institute, Bethesda, MD

57.15. Negative Regulation Of Mutant P53 By MicroRNA-101 (miR-101) In Pancreatic Ductal Adenocarcinoma (PDAC) R. B. Batchu1,2, O. Gruzdym1,2, A. Qazi1, S. T. King1,2, D. W. Weaver1, S. A. Gruber1,2; 1Laboratory Of Surgical Oncology & Developmental Therapeutics, Department Of Surgery, Wayne State University, Detroit, Michigan; 2John D. Dingell VA Medical Center, Detroit, Michigan

57.16. Combined CDK4 Inhibition And Doxorubicin Restores Smad3 Tumor Suppression And Induces Apoptosis Via A Survivin-Associated Mechanism R. Hamdan1,2, E. Tarasewicz1,2, O. Nunez1,2, J. Schaum1,2, A. Hardy1,2, S. Zellweger1,2, J. Jeruss1,2; 1Department Of Surgery, Northwestern University Feinberg School Of Medicine, Chicago, IL; 2Robert H. Lurie Comprehensive Cancer Center, Chicago, IL

57.17. Homozygous Loss Of 5-Lipoxygenase Suppresses Pancreatic Neoplasia In EL-Kras And Pdx-Cre/LSL-Kras Mice L. M. Knab1, M. J. Heiferman1, A. Samiel1, J. D. Phillips1, J. R. Heiferman1, D. J. Bentrem1,2, K. Adrian2, P. J. Grippi1; 1Department Of Surgery, Northwestern University, Feinberg School Of Medicine, Chicago, IL; 2Robert H. Lurie Comprehensive Cancer Center, Northwestern University, Chicago, IL; 3Jesse Brown VA Medical Center, Chicago, IL
58.1. A Comparison Of Outcomes From Laparoscopic Vs Open Adrenalectomy Using Data From The American College Of Surgeons National Surgical Quality Improvement Program (ACS-NSQIP) D. M. Ellenbein1, J. E. Scarborough, P. Speicher2, R. P. Scheri3; 'Duke University Medical Center, Durham, NC

58.2. Clinical Significance Of Normal Baseline Intraoperative PTH When Compared To Preoperative PTH In Patients Undergoing Parathyroid Surgery S. Dhar, J. B. Ogilvie, K. S. Heller, K. N. Patel; 'NYU Langone Medical Center, New York, NY

58.3. Surgeon Performed Ultrasound In The Assessment Of Hthle Cell Neoplasms Of The Thyroid P. Parikh, B. Allan, J. I. Lew2; 'University Of Miami Department Of Surgery, Miami, FL; 'University Of Miami Endocrinology, Miami, Fl

58.4. Differences in Presentation and Clinical Behavior Between Duodenal, Jejunal and Ileal Small Bowel Carcinoids K. Coan1, R. J. Gray1, R. T. Schinkert2, B. A. Pockaj3, N. Wasif1; 'Mayo Clinic In Arizona, Phoenix, AZ

58.5. Lymphovascular Invasion Strongly Predicts Central Compartment Lymph Node Status In Papillary Thyroid Cancer R. Pace1, J. B. Ogilvie, K. S. Heller, K. N. Patel1; 'NYU Langone Medical Center, New York, NY

58.6. Significance Of Rebounding Parathyroid Hormone Levels During Parathyroidectomy D. F. Schneider1, K. A. Ojomo2, H. Mazeh3, S. C. Ottmann1, R. S. Sippel1, H. Chen1; 'University Of Wisconsin - Madison, Madison, WI

58.7. The Accuracy And Benefits Of Surgeon-Performed Ultrasound-Guided Fine-Needle Aspiration In The Diagnosis Of Thyroid Nodules C. Hambleton1, L. Yao1, J. Buell1, E. Kandil1; 'Tulane University Department Of Surgery, New Orleans, LA

58.8. Clinical Significance Of Parathyroid Histology In Patients With Primary Hyperparathyroidism S. Dhar1, J. B. Ogilvie1, K. S. Heller1, K. N. Patel1; 'NYU Langone Medical Center, New York, NY

58.9. Outcome Of Patients Undergoing Lateral Compartment Neck Dissection For Thyroid Cancer K. C. Welch1, C. R. McHenry2; 'Northeast Ohio Medical University, Rootstown, OH; 'MetroHealth Medical Center, Cleveland, OH; 'Case Western Reserve University School Of Medicine, Cleveland, OH

58.10. Doses Of I-131 Used For RAI Ablation Following Surgery For Papillary Thyroid Cancer (PTC) In A Large Metropolitan Area B. Cohen1, K. N. Patel1, J. B. Ogilvie1, K. S. Heller1; 'NYU Langone Medical Center, New York, NY

58.11. PAASS: A Novel Prognostic Scale Specific For Pediatric Well Differentiated Thyroid Cancer: A Population-Based SEER Outcomes Study B. J. Shayota1, S. Pawar2, R. S. Chamberlain1,2,3; 'Department Of Surgery, Saint Barnabas Medical Center, Livingston, NJ; 'Livingston, NJ; 'Saint George’s University School Of Medicine, Saint George’s, Saint George’s; 'Department Of Surgery, University Of Medicine And Dentistry New Brunswick, NJ

58.12. Chronic Thyroiditis May Contribute To The Development Of Multifocal Papillary Thyroid Cancer R. Pace1, L. Dultz1, J. B. Ogilvie1, K. S. Heller1, K. N. Patel1; 'NYU Langone Medical Center, New York, NY

58.13. Thyroid Lobectomy For Indeterminate FNA: Not Without Consequence C. J. Balentine, R. P. Domingo, R. Patel3, J. W. Suliburk3; 'Houston VA Health Services Research & Development Center Of Excellence, Houston, TX; 'Michael E. DeBakey Department Of Surgery, Houston, TX; 'Department Of Pathology At Baylor College Of Medicine, Houston, TX

58.14. Molecular Regulation Of Immunoproteasome Overexpression In Papillary Thyroid Carcinoma X. Zhang1, G. Du1, W. Gao2, M. T. Stang1; 'University Of Pittsburgh - Department Of Surgery, Pittsburgh, PA

58.15. Notch1 Intracellular Domain Regulates Cell Proliferation And Migration In Well-differentiated Thyroid Carcinoma X. Yu1, R. Jaskulaka-Sztul1, M. Kunnimalaiyaan2, H. Chen1; 'Department Of Surgery, University Of Wisconsin School Of Medicine And Public Health, Madison, WI

58.16. Nmpt Expression Is Uregulated In Well-differentiated Thyroid Carcinoma X. Li1, R. Shackelford1, E. Kandil1; 'Tulane University Department Of Surgery, New Orleans, LA; 'Tulane University Department Of Pathology, New Orleans, LA; 'Department Of General Surgery, Xiangya Hospital, Changsha, Hunan

58.17. Modern-Day Presentation Of Primary Hyperparathyroidism S. E. Murray1, P. Pathak1, S. Schaefer1, D. F. Schneider1, H. Chen1, R. S. Sippel1; 'University Of Wisconsin - Madison Department Of Surgery, Madison, WI

58.18. Risk Of Underlying Malignancy In Adrenal Incidentalomas B. J. Allan1, C. M. Thorson1, R. M. Van Haren1, P. Parikh1, M. B. Albuja-Cruz1, J. I. Lew1; 'University Of Miami Leonard M. Miller School Of Medicine, Miami, Florida; 'University Of Colorado School Of Medicine, Aurora, CO

58.19. Thyroid Follicular Neoplasms In The Elderly: Does The Risk Of Malignancy Justify Thyroidectomy? H. M. Yong2, T. W. Yen2, B. Hunt1, S. D. Wilson1, D. B. Evans1, T. S. Wang1; 'Medical College Of Wisconsin, Milwaukee, WI

58.20. Markedly Elevated Thyroglobulin Levels In The Pre-operative Thyroidectomy Patient Predict Cancer And Metastatic Burden S. C. Ottmann1, D. F. Schneider1, H. Chen1, R. S. Sippel1; 'University Of Wisconsin - Madison Department Of Surgery, Madison, WI
### Integrated Quick Shot Session II (continued)

#### ONCOLOGY 6: GENERAL ONCOLOGY

**Moderators:** Jussuf T. Kaifi, MD & Eric Kimchi, MD

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<tr>
<td>59.1</td>
<td>The General Surgeon's Quandary: Atypical Lipomatous Neoplasm Versus Lipoma</td>
<td>S. B. Fisher, K. J. Baxter, D. Monson, D. R. Murray, S. Oskouei, S. W. Weiss, C. A. Staley, D. A. Kooby, S. K. Mathel, K. A. Delman; Department Of Surgery, Division Of Surgical Oncology, Atlanta, GA; Department Of Orthopedic Surgery, Atlanta, GA; Department Of Pathology, Atlanta, GA</td>
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<td>59.2</td>
<td>Gender Disparities In Patient Referral For Malignant Pleural Effusions</td>
<td>C. Burke, L. Zhao, M. B. Orringer, A. C. Chang, J. Lin, R. M. Reddy; University Of Michigan Medical Center, Ann Arbor, MI; University Of Washington, Seattle, WA</td>
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<td>59.3</td>
<td>Predictors Of Local Recurrence Following Surgery For Desmoid Tumors: Biology Trums Technique</td>
<td>L. J. McGhan, I. T. Ma, B. A. Pockaj, R. J. Gray, N. Wasif; Mayo Clinic In Arizona, Phoenix, AZ</td>
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<td>59.4</td>
<td>Cytogenetic Analysis In The Diagnosis And Management Of Lipoblastomas: Results From A Single-Institution</td>
<td>S. C. Fallon, M. L. Brandt, J. R. Rodriguez, A. Vasudevan, M. E. Lopez, J. Hicks, E. S. Kim; Division Of Pediatric Surgery, Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX; Department Of Pathology, Texas Children's Hospital And Department Of Pathology And Immunology, Baylor College Of Medicine, Houston, TX</td>
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<td>59.5</td>
<td>Common Patterns Of Reconstruction For Mohs Defects In The Head And Neck</td>
<td>A. Ibrahim, A. Tobias, B. Lee, S. Lin; Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA</td>
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<td>59.6</td>
<td>Is Routine Lymphoscintigraphy Required For Cutaneous Melanoma Arising On The Extremity?</td>
<td>T. L. Fitzgerald, E. M. Gronet, E. E. Zervos, J. H. Wong; East Carolina University Brody School Of Medicine, Greenville, NC</td>
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<td>59.7</td>
<td>Surgical Management Of Ultra-Thick Melanomas</td>
<td>A. M. Blakely, J. S. Carniello, M. Barsky, M. P. Vezeridis, T. J. Miner; Rhode Island Hospital/Alpert Medical School Of Brown University, Providence, RI; Memorial Sloan-Kettering Cancer Center, New York, NY; Memorial Alpert Medical School, Providence, RI</td>
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<td>59.8</td>
<td>Chemokine Receptor CCR9 Is Associated With Poor Clinicopathologic Features In Patients With Gastric Adenocarcinoma</td>
<td>A. K. Arrington, M. E. Ko, W. Lee, E. H. Heinrich, R. Nelson, J. Kim; City Of Hope National Medical Center, Duarte, CA</td>
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<td>59.9</td>
<td>Evaluating The Prognostic Value Of Extensive Lymph Node Examinations In Gastric Adenocarcinoma: An Analysis Of The Surveillance, Epidemiology, And End Results (SEER) Database.</td>
<td>S. N. Jayarajan, S. Taghavi, A. Davey, B. Powers, A. Willis; Temple University Hospital, Philadelphia, PA; Temple University School Of Medicine, Philadelphia, PA; Temple University School Of Public Health, Philadelphia, PA</td>
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<td>59.10</td>
<td>Outcomes Following Splenectomy In Patients With Myeloid Neoplasms</td>
<td>K. L. Rialon, S. Thomas, E. P. Ceppa, S. N. Vaslef, D. S. Tyler, D. G. Blazer; Duke University Medical Center, Durham, NC; Indiana University School Of Medicine, Indianapolis, IN</td>
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<td>59.11</td>
<td>An Oncolytic Vaccinia Virus Expressing The Human Sodium Iodine Symporter Prolongs Survival And Facilitates SPECT/CT Imaging In An Orthotopic Model Of Malignant Pleural Mesothelioma.</td>
<td>L. J. Belin, S. Gholami, D. Marano, C. Lewis, K. Mojica, C. Eveno, J. Ady, V. Longo, P. B. Zanzonico, N. G. Chen, A. A. Szalay, Y. Fong; Memorial Sloan-Kettering Cancer Center, New York, NY; Genelux Corporation, San Diego, CA; Department Of Radiation Oncology, Rebecca &amp; John Moores Comprehensive Cancer Center, La Jolla, California; Rudolf Virchow Center For Experimental Biomedicine, Institute Of Biochemistry, And Institute For Molecular Infection Biology, Am Hubland, D-97074 Wrzburg</td>
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<td>59.12</td>
<td>Novel Epigenetic Machinery In Mediating The Oncogenic Effect Of The Notch Signaling On Melanoma Progression</td>
<td>L. Yin, Q. Huang, A. S. Livingstone, O. C. Velazquez, Z. Liu; University Of Miami Miller School Of Medicine, Miami, Florida</td>
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60.1. Long Term Patient Perception Of Pain Control Experience After Participating In A Trial Between Patient-Controlled Analgesia And Epidural After Pectus Excavatum Repair With Bar Placement A. C. Gasior, E. Knott, K. A. Weesner, A. Poola, S. D. St. Peter; 'Children’s Mercy Hospital- University of Missouri Kansas City, Kansas City, MO

60.2. The Thoracic Relationship: Does Pectus Excavatum Occur At A Higher Rate In Patients With Adolescent Idiopathic Scoliosis? E. A. Berdan, D. A. Saltzman; 'University of Minnesota, Minneapolis

60.3. Weight But Not Symptomology Predicts Sleep Apnea In Morbidly Obese Adolescents Undergoing Bariatric Surgery E. S. Koeck, L. C. Barefoot, J. D. Vaughns, J. A. Owens, F. G. Qureshi, E. P. Nadler; 'Children’s National Medical Center, Washington, DC

60.4. Analysis Of Ghost Publications In Pediatric Surgery Fellowship Applicants F. B. Fike, A. C. Gasior, E. Knott, S. D. St. Peter, D. J. Ostlie, C. L. Snyder; 'Children’s Mercy Hospital-University of Missouri Kansas City, Kansas City, MO

60.5. Analysis Of Differentially Expressed Genes In Fetal Versus Adult Wounds M. S. Hu, M. Januszyk, A. S. Colwell, A. Flake, G. C. Gurtner, M. T. Longaker, H. Lorenz; 'Division of Plastic Surgery, Department Of Surgery, Stanford, California; 'Division Of Plastic Surgery, Department Of Surgery, Boston, Massachusetts

60.6. Low Intervention Rate For Blunt Pediatric Splenic Injury In A Children’s Hospital Setting K. M. Day, V. D. Duron, S. A. Steigman, F. I. Luks, J. T. Aidlen; 'Division Of Plastic Surgery, Alpert Medical School Of Brown University And Hasbro Children’s Hospital, Providence, RI

60.7. Chrysins Accelerates Differentiation Of Primary Human Keratinocytes In Culture T. J. Jaraczewski, P. R. Pathak, M. Roy, T. W. King; 'University Of Wisconsin - Madison Department Of Surgery, Madison, WI

60.8. Lessons Not Learned - Recidivism In Children And Adolescents With ATV Related Injuries L. F. Gentile, L. Vick, S. Islam; 'University Of Wisconsin - Madison Department Of Surgery, Gainesville, FL; 'University Of Mississippi Medical Center, Jackson, Mississippi

60.9. Interleukin-10 Mediates A Hyaluronan-Rich Extracellular Matrix Deposition Via A STAT-3 Dependent Mechanism A. Leung, A. C. Gasior, E. Knott, S. D. St. Peter, D. W. Kays; 'Duke University Medical Center, Durham, NC; 'Duke University Medical Center, Durham, CA; 'Duke University Medical Center, Durham, N/A; 'University Of California - San Francisco, San Francisco, CA

60.10. Bcl-2 Overexpression Increases In Vivo Stem Cell Survival And Enhances Tissue Regeneration In Calvarial Defect Model J. S. Hyun, M. M. Grova, D. D. Lo, S. D. Morrison, H. Nejadnik, D. C. Wan, M. T. Longaker; 'Stanford University, Stanford, CA; 'Duke University Medical Center, Durham, N/A; 'University Of California - San Francisco, San Francisco, CA


60.13. Low Levels Of MicroRNA-483 At The Early Stages Of Injury Is Associated With Impaired Diabetic Wound Healing C. J. Xu, M. W. Morris, L. Zhang, M. Allukian, W. Wu, K. W. Liechty; 'Nemours Children’s Hospital, Orlando, FL; 'University Of Mississippi Medical Center, Jackson, MS; 'The University Of Pennsylvania School Of Medicine, Philadelphia, PA

60.14. Neutrophil-derived Matrix Metalloproteinase 8 Is Required To Initiate Collagenase Activity In Bile Duct Ligated Rat Liver. S. S. Ciullo, C. S. Muratore, Y. Zhou, T. F. Tracy; 'Rhode Island Hospital/Alpert Medical School Of Brown University, Providence, RI

60.15. Increased Expression Of MicroRNA-15b During Diabetic Wound Healing J. Xu, W. Wu, L. Zhang, C. Zgheib, C. Zino, C. Chen, K. W. Liechty; 'Nemours Children’s Hospital, Orlando, Florida; 'University Of Mississippi Medical Center, Jackson, MS

60.16. Intestine-Specific Overexpression Of Cox-2 Induces Gut Barrier Failure In Mice E. M. Pontarelli, J. Wang, S. S. Short, A. Grishin, H. R. Ford; 'Children’s Hospital Los Angeles/Keck School Of Medicine, Los Angeles, CA

60.17. Radioguided Parathyroidectomy Effective In Pediatric Patients J. F. Burke, K. Jacobson, A. Gosain, R. S. Sippel, H. Chen; 'Section Of Endocrine Surgery, Department Of Surgery, University Of Wisconsin, Madison, WI; 'American Family Children’s Hospital, Madison, WI

60.18. Identification and Characterization of Neurocranial Skeletal Progenitor Cells D. Lo, C. Chan, J. Hyun, M. Chung, D. Montoro, D. Wan, I. Weissman, M. Longaker; 'Duke University Medical Center, Durham, NC; 'Hagay Laboratory Of Pediatric Regenerative Medicine, Stanford, CA; 'Institute Of Stem Cell Biology And Regenerative Medicine Stanford University School Of Medicine, Stanford, CA


60.20. Predictive Factors For Successful Balloon Catheter Extraction Of Esophageal Foreign Bodies A. C. Gasior, E. Knott, S. W. Sharp, S. D. St. Peter; 'Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO
61.1. Identification And Referral Of Patients At High Risk Of Developing Post-Traumatic Stress Disorder (PTSD) At A Level 1 Trauma Center* V. K. Bhalia1, C. Hogan1, A. W. Holsten1, A. Bolduc1, R. Medeiros1, E. NeSmith1, S. Looney1, K. O’Malley1, M. Hawkins1, S. B. Holsten*2; “Georgia Health Sciences University, Augusta, GA

61.2. Initial Non-Contrast Abdominal CT Imaging Post-Injury: Who Should Have Contrast Omitted And At What Expense J. Luciano1, S. Zolin1, R. M. Forsythe1, A. Murdock1, G. T. Marshall1, L. H. Alarcon1, T. R. Billiar1, A. B. Peitzman1, J. L. Sperry1; “University Of Pittsburgh, Pittsburgh, PA

61.3. Thromboembolism During Current Combat Operations: A 10-year Retrospective Review T. N. Hutchison1, C. A. Krueger1, S. M. Cohn1, C. E. White1; “U.S. Army Institute Of Surgical Research, Fort Sam Houston, Texas; “San Antonio Military Medical Center, Fort Sam Houston, Texas

61.4. Trauma Center Volume Does Not Affect Mortality Of Blunt Traumatic Brain Injury: Comparison Of Level I Vs. II M. Smith1, K. Gilf*1, I. Bhullar1; “University Of Florida College Of Medicine Jacksonville, Jacksonville, Florida; “Sacred Heart Hospital, Pensacola, Florida

61.5. Ectopic Fracture In The Context Of Overall Thoracic Trauma Burden – An Analysis Of The National Trauma Data Bank (NTDB) D. D. Yeh1, J. O. Hwabejiri1, M. A. DeMoya1, H. B. Alam*1, D. R. King1, G. Velmahos1; “Massachusetts General Hospital & Harvard Medical School, Boston, MA

61.6. Grandpa Turn In Your Keys: Exploring Trauma Recidivism In An Elderly Cohort J. S. Davis1, R. K. Pandya1, J. Jouria1, B. J. Allan1, F. Habib1, N. Namias1, C. I. Schulman1; “University Of Miami Leonard M. Miller School Of Medicine, Miami, FL

61.7. Rehabilitation After Trauma; Does Age Matter? V. Pandit1, B. Joseph1, R. S. Friese1, P. Hau1, N. Kulvatunyou1, T. O’Keeffe1, H. Aziz1, A. L. Tang1, J. L. Wynne1, P. Rhee1; “The University Of Arizona, Tucson, AZ

61.8. We Train Our Jewelers Better Than Our Trauma Surgeons – How Global Trauma Surgeons Recognize Occult Shock T. L. Zaks1, S. Soklaridis1, S. Rice2; “University Of Miami Miller School Of Medicine - Ryder Trauma Center, Miami, Florida; “St. Michael’s Hospital - Trauma Program, Toronto, Ontario; “Sunnybrook Health Science Centre And University Of Toronto, Toronto, Ontario

61.9. Evaluation Of Small Bowel Obstruction Of The Virgin Abdomen In The CT Era S. Hafiz1, W. S. Yi1, E. A. O’Leary1, G. Garg1, J. A. Sava1; “Washington Hospital Center, Washington, DC

61.10. Advanced Trauma Life Support Participant Course: A Critical Review M. Mobily1, A. Tang1, B. C. Branco1, N. Hernandez1, R. S. Friese1, B. Joseph1, R. Catalano1, N. Frantzi1, D. Judkins1, D. Green1, L. Gries1, N. Kulvatunyou1, T. O’Keeffe1, J. Wynne1, P. Rhee1; “University Of Arizona: College Of Medicine, Tucson, AZ

61.11. Work Hour Reduction: Still Room For Improvement D. Liu1, G. Barrampas1, R. Chung1, E. J. Levy1, D. R. Margulies1, A. Salim1, M. Bukur1; “ Cedars-Sinai Medical Center, Los Angeles, California

61.12. Time To Prepare Impacts Emergency Department Efficiency And Flow Disruptions A. Gangi1, K. Catchpole1, R. Blocker1, D. Wiegmann1, B. Gewertz1, J. Blaha1, E. J. Ley1; “Cedars-Sinai Medical Center, Los Angeles, CA; “University Of Wisconsin - Madison, Madison, WI

61.13. Chest CT Imaging For Blunt Pediatric Trauma: Not Worth The Radiation Risk C. M. Holscher1, L. W. Faulk1, E. E. Moore2, C. B. Burlew2, H. B. Moore2, C. L. Stewart2, F. M. Pieracci1, C. C. Barnett2, D. D. Bensard2; “Denver Health Medical Center, Denver, CO; “University of Colorado School of Medicine, Aurora, CO

61.14. The Advanced Surgical Skills For Exposures In Trauma (ASSET) Course – Results Of The Initial Twenty Five Courses M. W. Bowyer1, D. A. Kuhl1, D. Haskin1, R. A. Salle1, S. Henry1, G. D. Garcia1, F. A. Luchette1; “Uniformed Services University Of The Health Sciences, Bethesda, Maryland; “University Of Nevada School Of Medicine - Department Of Surgery, Las Vegas, NV; “University Of Maryland - R Adams Cowley Shock Trauma Center, Baltimore, Maryland; “American College Of Surgeons, Chicago, IL; “Loyola University Medical Center, Maywood, IL; “University Of Miami Miller School Of Medicine - Ryder Trauma Center, Miami, Florida

61.15. Trauma Recidivism: Short Time To Reimjury Calls for Early And Aggressive Violence Prevention And Intervention V. Sant1, R. Cheney1, D. Holena1, B. Brasko1, J. Pascual1, P. Reilly1, S. Allen1; “University Of Pennsylvania - Department Of Surgery-Division Of Trauma And Critical Care, Philadelphia, PA

61.16. Computed Tomography To Diagnose Blunt Diaphragm Injuries: Not Ready for Prime Time J. M. Sprunt1, C. V. Brown1, A. C. Reifsnnyder1, A. V. Sheshtopolov1, S. Ali1, D. Fielder1; “University Of Texas Southwestern - Austin, Austin, TX

61.17. The Effect Of Structured Handover On The Efficiency Of Information Transfer During Trauma Sign-Out P. Parikh1, D. Pechman1, K. Gutierrez1, M. Duque1, G. Garcia1, C. Schulman1, N. Namias1, A. Livingstone1, F. Habib1; “University Of Miami/Jackson Memorial Hospital, Miami, Florida

61.18. The Modern Management Of High Grade Splenic Injury: What Is The Role Of Non-operative Management In This High-risk Group And Can We Predict Who Will Fail This Approach? R. J. Berg1, K. Inaba1, O. Okoye1, J. Pasley1, M. Esparza1, N. Melo1, D. Demetriades1; “LAC+USC Medical Center, Los Angeles, CA

61.19. Effectiveness Of A 2:1 Student To Faculty Model For Teaching The Advanced Trauma Operative Management (ATOM) Course J. All1, A. Sorvari1, S. Henry2, J. Kortbeek1, L. Tremblay1; “University Of Toronto, Toronto, Ontario; “University Of Maryland Medical Center, Baltimore, Maryland; “University Of Calgary, Calgary, Alberta; “University Of Toronto, Toronto, Ontario

62.1. The Role of High Dose Methylprednisolone in Pediatric Spinal Cord Trauma J. P. Pettiford1, D. Juang2, S. Shah3, P. Thomas4, N. Sharp5, C. L. Snyder6, S. D. St. Peter7, D. J. Ostlie8; ‘Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO; 2University Of Wisconsin School Of Medicine And Public Health - Department Of Surgery, Madison, WI

62.2. Inhalation Injury Does Not Predict Poor Glycemic Control In Diabetic Burn Patients S. B. Reddy5, R. H. Kennedy6, R. Guo7, S. Zelisko8, R. L. Gamelli9; ‘Loyola University Chicago Stritch School Of Medicine, Maywood, IL

62.3. Extracorporeal Life Support and Trauma: A Review of the National Trauma Data Bank D. F. Lew1, K. P. Lally2, L. S. Kao3, A. M. Vogel4; ‘University Of Texas Health Science Center At Houston, Houston, Texas; 2Washington University In St. Louis School Of Medicine, St. Louis, Missouri


62.5. Is Neostigmine For Acute Colonic Pseudo-Obstruction As Good As We Think? J. B. Daigle, W. D. Fielder, D. Keith, S. Ali, C. V. Brown; ‘University Of Texas Southwestern - Austin, Austin, Texas


62.7. Intracranial Pressure Monitoring Devices May Not Improve Survival OR Functional Outcome In Patients With Severe (GCS A. Al-Rawi, D. Chesire, I. S. Bhullar; ‘University Of Florida College Of Medicine Jacksonville, Jacksonville, Florida


62.10. Supratherapeutic Vancomycin Levels After Trauma Predict Acute Kidney Injury And Mortality D. Liu1, M. B. Singer2, N. Melo3, R. Chung4, M. Bukur5, D. R. Margulies6, A. Salim7, E. J. Levy7; ‘Cedars-Sinai Medical Center, Los Angeles, California

62.11. Complications After Percutaneous Endoscopic Gastrostomy Tube Placement In The Era Of Acute Care Surgery E. S. Glazer, N. Kulpavutyaro1, D. J. Green, L. Gries, B. Joseph, T. O’Keefe, A. L. Tang1, J. L. Wynne1, R. S. Friese2, P. M. Rhee3; ‘The University Of Arizona, Tucson, AZ


62.13. Is Flexion Extension Film Necessary For Cervical Spine Clearance In Patient With Neck Pain After Negative Cervical CT Scan? B. Tran, J. M. Saxe, A. Ekeh; ‘Wright State University Boonshoft School Of Medicine, Department Of Surgery, Dayton, OH


62.15. Take A Deep Breath: Managing Rib Fractures In Elderly Trauma Patients A. C. Schwed, S. S. Sonnad, D. N. Holena, J. L. Pascual, P. M. Reilly, C. A. Sims; ‘Harbor-UCLA Medical Center, Torrance, CA; 2University Of Pennsylvania - Department Of Surgery-Division Of Trauma And Critical Care, Philadelphia, PA; 3University Of Pennsylvania - Department Of Surgery, Philadelphia, PA


62.17. The Trauma ICU – A Realm For Realistic Resuscitation Or A Domain Of Death In Geriatric Trauma Patients. E. D. Fox, S. Gravenstein, T. Miner, C. A. Adams, W. G. Cioffi1, D. S. Heffernan; ‘Division Of Trauma, Dept Of Surgery, Brown University, Providence, RI; 2Division Of Geriatrics, Department Of Medicine, Providence, RI; 3Department Of Surgery, Brown University, Providence, RI

62.18. Glucose And Oxygen Saturation Variability Correlates With Survival In Older Patients With Traumatic Brain Injury K. Hatley1, D. C. Evans, C. H. Cook, T. J. Papadimos, S. D. Bergese, S. P. Stawicki; ‘The Ohio State University College Of Medicine, Columbus, OH


62.20. Operative Versus Non-Operative Management For Pancreatic Transection In Blunt Pediatric Abdominal Trauma C. W. Iqbal1, S. D. St. Peter; ‘Children’s Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO
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<td>Dimitrios Stefanidis</td>
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<td>Daniel H. Teitelbaum</td>
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<td>Sharon Weber</td>
<td>Coviden</td>
<td>Honoraria</td>
<td>Other</td>
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Thursday February 7, 2013

3:00-6:00 pm: Keynote Address: Career Advancement in Academic Surgery.
Speaker: Jeffrey B. Matthews, MD, University of Chicago Department of Surgery

Identifying the Opportunities
Moderator: Nipun Merchant, MD, Vanderbilt University Medical Center
- Should I Stay or Should I Go? Local Opportunities versus Re-Locating.
  Speaker: Michael G. Sarr, MD, Mayo Clinic & Foundation
- Getting Your Name Out There; What is the Search Committee Looking For?
  Speaker: Jeffery A. Drebin, MD, PhD, University of Pennsylvania School of Medicine
- How Do I Prepare for the Interview?
  Speaker: Douglas Scott Tyler, MD, Duke University Medical Center
- An Interactive Panel Discussion will conclude this session

6:00 – 8:00 pm - Cocktail Reception, Dinner on your own

Friday February 8, 2013

7:30-9:30 am: What Additional Skills Do I Need To Be Successful?
Moderator: Rebecca M. Minter, MD, University of Michigan Medical School
- Do I need an MBA or Health Care Management Degree?
  Richard D. Schulick, MD, MBA, University of Colorado School of Medicine
  David A. Geller, MD, University of Pittsburgh Medical Center
- Do I Need To Have NIH Funding, And What Other Credentials Do I Need?
  Speaker: Andrew M. Lowy, MD, University of California San Diego, Moores Cancer Center
- Do I Need a Coach?
  Sandra Carter, MBA, PhD, PCC (Professional Certified Coach)
  Diane M. Simeone, MD, University of Michigan Medical School

9:45 am – 12:00 pm: Negotiating the Offer and Generating Success
Moderator: Dev M. Desai, MD, University of Texas, Southwestern Medical, Children’s Medical Center
- Negotiating the Details of the Offer - Divisional, Departmental, and Center Leadership Positions
  Speakers: Diane M. Simeone, MD, University of Michigan Medical School
  Richard D. Schulick, MD, MBA, University of Colorado School of Medicine
  Dai Chung, MD, Vanderbilt University Medical Center
- I’ve Got the Job – Now What Do I Do?
  Speaker: Craig Kent, MD, University of Wisconsin-Madison Medical School
- An Interactive Panel Discussion will conclude this session.
# AAS/SUS Surgical Investigators’ Course

## THE GRANT WRITING WORKSHOP

**FULL-DAY COURSE FOLLOWING THE ASC**  
**FEBRUARY 8, 2013 • ROOSEVELT NEW ORLEANS, WALDORF ROOM**

**CHAIRS:** Scott A. LeMaire, MD & George P. Yang, MD, PhD  
**CO-CHAIRS:** Justin B. Dimick, MD, MPH & Caprice Greenberg, MD, MPH

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 8:00 a.m. – 8:05 a.m. | **Introduction**  
*Scott A. LeMaire, MD & George P. Yang, MD, PhD* |
| 8:05 a.m. – 9:00 a.m. | **How Do Funding Agencies Work**  
*Moderator: George P. Yang, MD, PhD*  
- NIH Organization, Institutes, Study Sections, CSR, Award Types – Scott A. LeMaire, MD  
- Funding Agencies for Outcomes/Health Services Research, AHRQ/PCORI – Caprice Greenberg, MD, MPH  
- Other Agencies: VA, DOD, Foundations – George P. Yang, MD  
- Strategies for Success in the NIH System – Melina R. Kibbe, MD, RVT  
- Discussion |
| 9:00 a.m. – 10:30 a.m. | **ESSENTIAL ELEMENTS OF A SUCCESSFUL RESEARCH PROPOSAL**  
**Basic/Translational Research**  
*Moderators: Alan Dardik, MD & Matthew R. Rosengart, MD*  
- Generating Hypothesis and Specific Aims – Herbert Chen, MD  
- Conveying Significance and Innovation – Dai H. Chung, MD  
- Creating an Effective Scientific Approach – Rich Hodlin, MD  
- The Technical Details: Calculating Effort, Describing Resources, Doing Power Analyses – O. Joe Hines, MD  
- Discussion  
**Outcomes/Health Services Research**  
*Moderators: Caprice Greenberg, MD, MPH & Sandra Wong, MD*  
- Writing Specific Aims – Karl Bilmoria, MD  
- Conveying Significance and Innovation – Carla Pugh, MD  
- Important Elements of the Scientific Approach – Dorry Segev, MD  
- Strategy for Building a Research Team/Selecting Co-Investigators – Justin B. Dimick, MD, MPH  
- Discussion |
| 10:30 a.m. – 10:45 a.m. | **Break** |
| 10:45 a.m. – 11:40 a.m. | **CAREER DEVELOPMENT AWARDS**  
**Basic/Translational Research**  
*Moderators: Herbert Chen, MD & Melina R. Kibbe, MD, RVT*  
- Presenting the Candidate – Malcolm Brock, MD  
- Mentor, Mentoring Plan, and Environment – Dave Geller, MD  
- Career Development Plan – Rebekah White, MD  
**Outcomes/Health Services Research**  
*Moderators: Justin B. Dimick, MD, MPH & Lillian S. Kao, MD, MS*  
- Candidate, Career Goals, and Bibliography – Lillian S. Kao, MD, MS  
- Mentor, Mentoring Plan, and Environment – Sandra Wong, MD  
- Career Development Plan – Adil Haider, MD |
| 11:40 a.m. – 12:30 p.m. | **Triage, Your Score, the Review Summary and the Resubmission**  
*Moderator: Scott A. LeMaire, MD*  
- What Happens to Your Grant After Submission, What is the Scoring Process – Alan Dardik, MD  
- Getting Your Review Summary and Preparing a Resubmission – Hasan B. Alam, MD  
- Discussion |
| 12:30 p.m. – 1:30 p.m. | **Lunch:** How to Use This Course to Earn a Grant – Kazuaki Takabe, MD |
| 1:30 p.m. – 3:30 p.m. | **Mock Study Section:** Get an insider’s view of study section meetings! This interactive session will help you understand how grant review meetings are conducted and how proposals are evaluated, discussed and scored. In these small group sessions, faculty will serve as study section chairs and lead the attendees as they discuss and score a set of real proposals. Each attendee will receive assigned proposals in advance and will present their review during the session. Participants will be assigned to a session that will focus on their area of academic interest (i.e., basic science vs. clinical research vs. outcomes/health services research). |
| 3:30 p.m. – 3:45 p.m. | **Break** |
| 3:45 p.m. – 5:45 p.m. | **Grantsmanship Workshop:** Get feedback and guidance on your current grant proposal. During these small group sessions, faculty and attendees will discuss specific issues with proposals in progress. To prepare for the discussion, each attendee will be expected to submit a draft proposal in advance; the proposal will be reviewed by the group leader and a fellow attendee prior to the meeting. |
| 6:00 p.m. – 7:00 p.m. | **Cocktail hour:** An opportunity for informal discussion with course faculty and other attendees. |
8th Annual Academic Surgical Congress
February 5 - 7, 2013
New Orleans, Louisiana

ABOUT THE ASSOCIATION FOR ACADEMIC SURGERY (AAS)

AAS’ mission is to inspire young surgeons to pursue careers in academic surgery, and to support their professional development through research and education.

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.
ASSOCIATION FOR ACADEMIC SURGERY –

LEADERSHIP

THE ASSOCIATION FOR ACADEMIC SURGERY EXECUTIVE COUNCIL
2012-2013

President  Melina R. Kibbe, MD, RVT (2012-2013)
President-Elect Lillian S. Kao, MD, MS (2012-2013)
Secretary  Justin B. Dimick, MD, MPH (2012-2014)
Recorder  Julie Ann Sosa, MD (2011-2013)
Treasurer  Timothy M. Pawlik, MD, MPH (2010-2013)
Past-President Scott A. LeMaire, MD (2011-2012)
Past-President Daniel Albo, MD, PhD (2010-2011)
Past-President Kevin F. Staveley-O’Carroll, MD, PhD (2009-2010)

COUNCILORS:

Richard A. Bafford, MD (2011-2013)
Clifford S. Cho, MD (2011-2013)
Lisa S. Poritz, MD (2011-2013)
Christopher D. Raeburn, MD (2011-2013)
Carmen C. Solorzano, MD (2011-2013)
Mark Cohen, MD (2012-2014)
Steven Goldin, MD (2012-2014)
Jayleen Grams, MD (2012-2014)
Timothy Pritts, MD (2012-2014)
Rebekah R. White, MD (2012-2014)
George Havelka, MD (Resident/Fellow Councillor) (2012-2014)

Deputy Treasurers:
T. Clark Gamblin, MD (2011-2013)
Eric T. Kimchi, MD (2012-2015)

REPRESENTATIVES:

American Board of Surgery
Fizan Abdullah, MD (2012-2018)

American College of Surgeons’ Board of Governors
Andrea Hayes-Jordan, MD (2009-2012)

American College of Surgeons’ Surgical Research Committee
Arden M. Morris (2011-2013)

Association for Surgical Education
Rebecca Sippel, MD (2011-2013)

Association of American Medical Colleges
Ben Nwomeh, MD (2012-2013)
Gretchen Purcell Jackson, MD, PhD (2010-2013)

Association of Women Surgeons
Carla Pugh, MD (2012-2014)

National Association for Biomedical Research
David P. Foley MD (2011-2013)

Society of Black Academic Surgeons
Wayne A. Frederick MD (2011-2014)

Surgical Outcomes Club
Caprice Greenberg, MD, MPH (2011-2013)

Plastic Surgery Research Council
Timothy King, MD (2012-2014)
# ASSOCIATION FOR ACADEMIC SURGERY – LEADERSHIP

## THE ASSOCIATION FOR ACADEMIC SURGERY COMMITTEES

### Education

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<thead>
<tr>
<th>Name</th>
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<tr>
<td>Bethany C. Sacks, MD</td>
<td>Co-Chair</td>
<td>2012-2013</td>
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<tr>
<td>Wei Zhou, MD</td>
<td>Co-Chair</td>
<td>2012-2014</td>
</tr>
<tr>
<td>Vishal Bansal, MD</td>
<td></td>
<td>2011-2013</td>
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<tr>
<td>Amalia Cochran, MD</td>
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<tr>
<td>Rosa F. Hwang, MD</td>
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<td>Alexander A. Parikh, MD</td>
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<td>Dimitrios Stefanidis, MD</td>
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<tr>
<td>Karl Y. Bilimoria, MD</td>
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<td>Danny Chu, MD</td>
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<td>Matthew Goldblatt, MD</td>
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<td>Jacob Greenberg, MD</td>
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<td>Carl Schulman, MD</td>
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<td>Dai Yamanouchi, MD</td>
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<tr>
<td>Carly Seaberg, MD</td>
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### Ethics

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<td>Andrea Hayes Jordan, MD</td>
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<td>Robert C. G. Martin, MD</td>
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<td>Patricia L. Turner, MD</td>
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<td>Ulka Sachdev, MD</td>
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<td>Daniel Hall, MD</td>
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<tr>
<td>Sara Murray, MD</td>
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### Global Affairs

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<td>Sanjay Krishnaswami, MD</td>
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<td>Roger H. Kim, MD</td>
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<td>Faisal G. Qureshi, MD</td>
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<td>Mamta Swaroop, MD</td>
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<td>Arman Kahokehr, MD</td>
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<td>Marlene S. Grenon, MD</td>
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<td>Joshua Mammen, MD</td>
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<td>Kevin Nguyen, MD</td>
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<td>Wolfgang Stehr, MD</td>
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<td>Jocelyn Burke, MD</td>
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### Information & Technology

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<td>Bola Asiyianbola, MD</td>
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<td>Tomer Davidov, MD</td>
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<td>Jeffrey M. Farma, MD</td>
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<td>Lauren B. Mashaud, MD</td>
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<td>Giuseppe R. Nigri, MD</td>
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<td>Imran Hassan, MD</td>
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<td>Dorny Segev, MD</td>
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<td>Jyotirmay (Joe) Sharma, MD</td>
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<td>David Stewart, Sr, MD</td>
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### Issues

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<td>Gregory D. Kennedy, MD</td>
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<td>Julie Margenthaler, MD</td>
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<td>Brian Badgwell, MD</td>
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<td>Denise Carneiro-Pla, MD</td>
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<td>Steven Chen, MD</td>
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<td>Christopher C. Rupp, MD</td>
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<td>Jason Gold, MD</td>
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<td>Harish Lavu, MD</td>
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<td>Quan Ly, MD</td>
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<td>Evan Glazer, MD</td>
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### Leadership

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<td>Jon Gould MD</td>
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<td>Peter F. Nichol, MD</td>
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<td>Jaime Cavallo, MD</td>
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<td>Robert Canter, MD</td>
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<td>Katherine Gallagher, MD</td>
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<td>Michael House, MD</td>
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<tr>
<td>Colin Martin, MD</td>
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### Membership

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<tr>
<td>Niraj Gusani, MD</td>
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<td>Vanita Ahuja, MD</td>
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<td>Faiz Y. Bhora, MD</td>
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<td>Todd V. Brennan, MD</td>
<td>MD, MS</td>
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<td>James M. McLoughlin, MD</td>
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<tr>
<td>Ravi Radhakrishnan, MD</td>
<td>MBA</td>
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<td>Jason W. Smith, MD</td>
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<tr>
<td>Kazuaki Takabe, MD</td>
<td>PhD</td>
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<tr>
<td>Allison L. Speer, MD</td>
<td>(Candidate Member)</td>
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<td>Adam Berger, MD</td>
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<td>Amy Cyr, MD</td>
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<td>Wendy Greene, MD</td>
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<td>Saju Joseph, MD</td>
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<td>Marcovalerio Melis, MD</td>
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<td>James Orr, MD</td>
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<td>Justin Sambol, MD</td>
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<tr>
<td>Sohail Shah, MD</td>
<td>(Candidate Member)</td>
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### Nominating

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<td>Melina R. Kibbe, MD, Chair</td>
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<td>Richard A. Bafford, MD</td>
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<tr>
<td>Clifford S. Cho, MD</td>
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<td>Justin B. Dimick, MD, MPH</td>
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<td>Lillian S. Kao, MD, MS</td>
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<td>Lisa S. Portz, MD</td>
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<td>Rebecca Sippel, MD</td>
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<td>Margaret Gretchen Scharweze, MD, MPP</td>
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### Outcomes Research

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<td>Julie R. Fuchs, MD</td>
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<td>Tina W. Yen, MD, MS</td>
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<td>Amir Ghaferi, MD (Candidate Member)</td>
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<td>Ravi J. Chokshi, MD</td>
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<td>David Greenblatt, MD</td>
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<td>Eliott Haut, MD</td>
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<td>Timothy Lee, MD</td>
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<td>Heather Neuman, MD</td>
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### Program

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<td>Peter R. Nelson, MD, Chair</td>
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<td>E. Ramsay Camp, MD</td>
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<td>Adil Haidir, MD</td>
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<td>Larissa Temple, MD</td>
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<td>Christopher Abularrage, MD</td>
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<td>Shanda H. Blackmon, MD, MPH</td>
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<td>Cassandra Kelleher, MD</td>
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<td>Daniela P. Ladner, MD, MPH</td>
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<td>Mike Liang, MD</td>
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<td>Erika Newman, MD</td>
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<td>Samuel Soffer, MD</td>
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<td>Amer Zureikat, MD</td>
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### Publications

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<td>Jussuf Kaifi, MD, Chair</td>
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<td>Steven R. Allen, MD</td>
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<td>Alexander Sasha Krupnick, MD</td>
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<td>Terence O’Keefe, MB ChB, MPH</td>
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<td>Sanziana Roman, MD</td>
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<td>Jerry Makama, MD</td>
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<td>John Mansour, MD</td>
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<td>Kevin Mollen, MD</td>
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<tr>
<td>Roy Phitayakorn, MD</td>
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<tr>
<td>Seth Spector, MD</td>
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<td>Scott R. Steele, MD</td>
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<td>Jose Trevino, MD</td>
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</table>
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Daniel Anaya, MD, Chair (2011-2013)
Daniel Albo, MD, PhD (2011-2013)
Jaime Escallon, MD (2011-2013)
Oscar Guevara, MD (2011-2013)
Andrew G. Hill, FRACS (2011-2013)
Barbara S. Miller, MD (2011-2013)
Kevin F. Staveley-O’Carroll, MD, PhD (2012-2013)

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Faisal G. Qureshi, MD (2011-2013)
Cord Sturgeon, MD (2011-2013)
Olivier Turrini, MD (2011-2013)
Nicholas J. Zyromski, MD (2011-2013)

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Daniel Anaya, MD, Chair (2011-2013)
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Faisal G. Qureshi, MD (2011-2013)
Cord Sturgeon, MD (2011-2013)
Olivier Turrini, MD (2011-2013)
Nicholas J. Zyromski, MD (2011-2013)

AAS German Course Task Force
Jussuf T. Kaifi, MD, Chair (2011-2013)
Arman Kakokehr, MD (2011-2013)
Abhishek Mathur, MD (2011-2013)
Timothy M. Pawlik, MD, MPH (2011-2013)
C. Max Schmidt, MD, PhD, MBA (2011-2013)

AAS Indian Course Task Force
Sanjay Krishnaswami, MD, Chair (2011-2013)
Saju Joseph, MD (2011-2013)
Benedict C. Nwomeh, MD (2011-2013)
Julie Ann Sosa, MD (2011-2013)
Mamta Swaroop, MD (2011-2013)
John A. Windsor, BSc MBChB (2011-2013)
Muneera R. Kapadia, MD (2012-2014)

AAS Italian Course Task Force
Marcovalerio Melis, MD, Chair (2011-2013)
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Scott A. LeMaire, MD (2011-2013)
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AAS/Royal Australasian College of Surgeons Course Task Force
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Andrew G. Hill, FRACS (2012-2014)
Eric T. Kimchi, MD (2012-2014)
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AAS West African Course Task Force
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Jonathan Laryea, MD, Co-Chair (2011-2013)
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Timothy M. Pawlik, MD, MPH (2011-2013)
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Seventy-Fourth Annual Meeting

February 5 - 7, 2013
New Orleans, Louisiana

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<td>Deepak Narayan</td>
<td>2012 - 2015</td>
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<tr>
<td>Brian Daley</td>
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<td>Greg Victorino</td>
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<td>Lee (David) Gorden</td>
<td>2011 - 2013</td>
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<tr>
<td>Luis Fernandez</td>
<td>2011 - 2013</td>
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<tr>
<td>David Mercer</td>
<td>Abs Rep</td>
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<tr>
<td>Henri Ford</td>
<td>ACS Rep</td>
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<tr>
<td>Nipun Merchant</td>
<td>AAMC Rep</td>
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MEMBERSHIP COMMITTEE

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Hasan Alam, Chair</td>
<td>2010 - 2013</td>
</tr>
<tr>
<td>Greg Kennedy</td>
<td>2012 - 2015</td>
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<tr>
<td>Emmanuel Zervos</td>
<td>2012 - 2015</td>
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<td>Sonia Sugg</td>
<td>2012 - 2015</td>
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<tr>
<td>Christine Loranga</td>
<td>2012 - 2015</td>
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<tr>
<td>Alan Dardik</td>
<td>2010 - 2013</td>
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<tr>
<td>Robert Martin</td>
<td>2010 - 2013</td>
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<tr>
<td>Taylor Riall</td>
<td>2010 - 2013</td>
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<tr>
<td>Edith Tzeng</td>
<td>2010 - 2013</td>
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<tr>
<td>Herb Zeh</td>
<td>2011 - 2014</td>
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<tr>
<td>Bryan Clary</td>
<td>2011 - 2014</td>
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<tr>
<td>Stephen Shew</td>
<td>2011 - 2014</td>
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<td>Chuck Heise</td>
<td>2011 - 2014</td>
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<tr>
<td>Dai Chung</td>
<td>Past Pres</td>
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<tr>
<td>Dave Geller</td>
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<tr>
<td>Dan Meldrum</td>
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<tr>
<td>George Yang</td>
<td>Pres</td>
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<tr>
<td>Rebecca M. Minter</td>
<td>Sec</td>
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SCHOLARSHIP COMMITTEE

<table>
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<tbody>
<tr>
<td>Dev Desai, Chair</td>
<td>2012 - 2015</td>
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<tr>
<td>Sharon Weber</td>
<td>2011 - 2014</td>
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<td>David Geller</td>
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<td>Dai Chung</td>
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<td>Dan Meldrum</td>
<td>Past Pres</td>
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<tr>
<td>O. Joe Hines</td>
<td>Pres-Elect</td>
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SURGICAL RESEARCH AND EDUCATION COMMITTEE

**American College of Surgeons**
- Brian Zuckerbraun 2010 - 2013

**National Association of Biomedical Research**
- Matthew Rosengart 2012 - 2015

**SUS COMMITTEE ON GLOBAL ACADEMIC SURGERY**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Susan Orloff, Chair</td>
<td>2012 - 2015</td>
</tr>
<tr>
<td>Sam Finlayson</td>
<td>2012 - 2014</td>
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<tr>
<td>Ai-Xuan Holterman</td>
<td>2012 - 2014</td>
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<tr>
<td>Nipun Merchant</td>
<td>2012 - 2015</td>
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<tr>
<td>Fiemu Nwariaku</td>
<td>2012 - 2015</td>
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<tr>
<td>Evan Nadler</td>
<td>2012 - 2016</td>
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<tr>
<td>Benedict Nwomeh</td>
<td>2012 - 2016</td>
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<tr>
<td>Diane Simeone</td>
<td>At-Large</td>
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<tr>
<td>Michael Sarr</td>
<td>At-Large</td>
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**AAS REPRESENTATIVES**

<table>
<thead>
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<tbody>
<tr>
<td>Catherine Juillard</td>
<td>2012 - 2015</td>
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<tr>
<td>Sanjay Krishnaswami</td>
<td>2012 - 2015</td>
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<tr>
<td>Peter Kingham</td>
<td>2012 - 2015</td>
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<td>Jocelyn Logar-Collins</td>
<td>2012 - 2015</td>
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**SUS COMMITTEE ON ETHICS & CONFLICT OF INTEREST**

<table>
<thead>
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<tr>
<td>Peter Angelos, Chair</td>
<td>2012 - 2015</td>
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<tr>
<td>Doug Turner</td>
<td>2012 - 2014</td>
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<tr>
<td>M. Gretchen Schwarze</td>
<td>2012 - 2014</td>
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<td>Doug Turner</td>
<td>2012 - 2014</td>
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<td>Shimul Shah</td>
<td>2012 - 2015</td>
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<td>Kasper Wang</td>
<td>2012 - 2015</td>
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<tr>
<td>Ali Salim</td>
<td>2012 - 2016</td>
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<td>Benedict Nwomeh</td>
<td>2012 - 2016</td>
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**ETHICON - SUS RESEARCH FELLOWSHIP RECIPIENTS**

<table>
<thead>
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<th>Name</th>
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<tbody>
<tr>
<td>Rhiana Menen</td>
<td>2011 - 2012</td>
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<tr>
<td>Mentor: Michael Bouvet</td>
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<tr>
<td>Monica Rodriguez</td>
<td>2011 - 2013</td>
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<tr>
<td>Mentor: Melina Kibbe</td>
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<tr>
<td>Allison L. Speer</td>
<td>2011 - 2012</td>
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<tr>
<td>Mentor: Tracy Grikscheit</td>
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<td>Denise Tai</td>
<td>2012 - 2013</td>
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<tr>
<td>Mentor: Gerald Lipshutz</td>
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<tr>
<td>Jack Harbel</td>
<td>2012 - 2013</td>
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<tr>
<td>Mentor: Holger Willenbring and Peter Stock</td>
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THE AMERICAN BOARD OF SURGERY

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>B. Mark Evers</td>
<td>2007 - 2013</td>
</tr>
<tr>
<td>David Mercer</td>
<td>2010 - 2016</td>
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AMERICAN COLLEGE OF SURGEONS BOARD OF GOVERNORS

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Frank Sellke</td>
<td>2012 - 2015</td>
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<tr>
<td>Selwyn Vickers</td>
<td>2007 - 2013</td>
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COUNCIL OF ACADEMIC SOCIETIES

**Association of American Medical Colleges**
- Vijay Khatri 2010 - 2013
- Nipun Merchant 2011 - 2014

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<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Scott Gruber</td>
<td>2010 - 2013</td>
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</table>
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Jeong Hyun, Stanford University School of Medicine

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Nita Ahuja, Johns Hopkins University

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