The Department of Surgery congratulates the graduating general surgery chief residents. Pictured above (left to right): Dr. Mark Arnold, Professor and Vice Chair for Education and residency program director; Dr. Robert Higgins, Professor and Chairman, Department of Surgery; Dr. Ricardo Quarrie; Dr. Laura Peterson; Dr. Thomas Pham; Dr. Jennifer Schwartz; Dr. Eric Luedke; and Dr. Amy Collins

More surgical education news begins on page 18.
ON-LINE OUTREACH

Tweeting to Connect

More and more medical professionals are using social media as a way to reach-out to patients and to connect on a global level with peer physicians. Faculty members at The Ohio State University Department of Surgery have been exploring the use of Twitter as a tool to communicate, influence and collaborate with colleagues and communities. Several Department of Surgery faculty members who actively use Twitter shared their thoughts.

Dr. Benedict Nwomeh (@bnwomeh), professor of clinical surgery in the Division of Pediatric Surgery, recognized the professional uses for Twitter early but only recently became more actively involved. He explained, “I registered an account in November 2008, then promptly forgot about it. At the 2010 ACS Clinical Congress, I attended a session titled ‘Tweet or Die: Why Surgeons Must Understand Social Networking’. It was right there, during the session, that I summoned the courage to send out my first ‘hello, world’ tweet. Thereafter, my account became dormant again. I hesitated because I wasn’t sure it was OK for an academic surgeon to be doing this. However, I was inspired to see a number of highly respected surgeon leaders already on Twitter, including Tom Whalen, Atul Gawande, Joe Matthews, etc. So, in early 2012 I began to use twitter actively. I was recently reassured I was doing the right thing when I saw both Chris Ellison and ACS President Carlos Pellegrini on Twitter.” On his Twitter page Dr. Nwomeh maintains several lists where one can find prominent surgeons on Twitter.

Dr. Nwomeh has served as an official “Twitter Correspondent” for the American College of Surgery at the 2012 and 2013 clinical congresses, and has helped define live-tweeting of surgical meetings. The global nature of Twitter provides Dr. Nwomeh with a platform for international outreach and a way to promote surgery as an instrument for global health. Examples of his outreach include: tweeting daily links to an internet newspaper called “Global Surgery Daily” which he established and for which he curates content (http://paper.li/bnwomeh/1336409051); disseminating information about his global health research projects, such as a field study recently completed in Nepal (#NepalSOSAS) https://twitter.com/bnwomeh/timelines/470309218516754433; and tweeting about the Advanced Competency in Global Health course he taught for LSI Part 1 students. https://twitter.com/bnwomeh/timelines/470297057497210880).

Dr. Nwomeh does not currently use twitter to engage patients. He states that he is still wary of the rather broad and sometimes vague social media guidelines. “I’m also careful not to make commentary or express opinions that

“I feel that social media loses its ‘social’ essense if it is completely sterilized...”

See Twitter continued on page 3
could be construed as medical advice,” said Nwomeh. “My Twitter account is personal, and I’m explicit that it does not represent my employers. Of course, I acknowledge that I work at OSU and NCH, but I try to avoid representing myself in any way that could be construed as speaking for my employers.”

Nwomeh continues, “I feel that social media loses its ‘social’ essence if it is completely sterilized to stifle personal opinions on mundane aspects of life. There’s a balance, I feel, that needs to be carefully maintained.”

Dr. Nwomeh recently published a paper on his initial experience with live-tweeting the Academic Surgical Congress (Cochran A, Kao LS, Gusani NJ, Suliburk JW, Nwomeh BC. Use of Twitter to document the 2013 Academic Surgical Congress. J Surg Res. 2014 Feb 23.) He also created and manages an official twitter account for the Division of Pediatric Surgery (@NCHPedSurg) and uses it to promote the division, fellowship programs, and other news.

**Dr. Christian Jones** (@jonessurgery), assistant professor of surgery in the Division of Trauma, Critical Care and Burn, started using Twitter in the fourth year of his residency. He became more active on Twitter in 2013. Dr. Jones likes the egalitarian nature of social media. “Everyone is on the same level whether they are a physician, medical student or patient. I think we are in an age when people want to contribute and interact with one another.”

At the recent Point/Counterpoint Acute Care Surgery Conference held in Washington, DC, Dr. Jones sent over 400 tweets during the three day conference, summarizing key points and listing resolutions from the conference debates. “Twitter allows conference attendees to continue a discussion after the event,” said Jones.

Dr. Jones also finds that Twitter is a useful tool for promoting Ohio State. At the Ninth Annual Academic Surgical Congress held in February 2014, Dr. Jones met Association of Academic Surgery president Dr. Lillian Kao. She recognized both he and the OSU Department of Surgery from his tweets. Dr. Jones recommends utilizing social media as it fits with a physician’s specific practice. He also stressed the importance of clearly differentiating personal opinions from official University positions.

Drs. Jones and Nwomeh are among the prime movers of the International General Surgery Journal Club (#IGSJC) in conjunction with JAMA Surgery, in which they hold monthly twitter chats on selected articles from the journal. They are into their fifth month of participations, with Dr. Jones recently moderating a discussion on a Trauma paper (http://igsjc.wordpress.com/executive-committee/)

*See Twitter continued on page 4*
Dr. Mark Bloomston (@pancdoc), associate professor of surgery in the Division of Surgical Oncology, recently organized a panel of moderators for a pancreatic cancer Twitter chat (#PANCSM) which includes other pancreatic cancer experts such as Dr. Matt Katz, surgical oncologist, MD Anderson Cancer Center, Dr. Diane Reidy Lagunes, medical oncologist, Memorial Sloan Kettering Cancer Center, and Dr. Niraj Gusani, surgical oncologist, Penn State University. The first chat was held in June with subsequent chats held the first Thursday of each month.

The chats are targeted toward pancreatic cancer patients, caregivers/advocates, family members, healthcare providers and researchers. During the chats the moderators answer questions tweeted by participants. For the inaugural chat Dr. Bloomston and the other panelists provided answers to why patients undergo pancreatic surgery, what to expect after surgery, gave recommendations for post-operative recovery and proper diet, and outlined pancreatic cancer research efforts.

Dr. Carl Schmidt (@cancersurg), assistant professor of surgery in the Division of Surgical Oncology, participated in the pancreatic cancer chat and has also started a liver cancer chat panel which will debut on Twitter this summer. “Twitter and other social media allow physicians to share information with each other, patients and interest groups in a very direct manner unlike any prior method of communication,” stated Dr. Schmidt. “There are often too many barriers to finding expertise related to a disease or health concern, and I hope this is step forward in reducing those barriers.”

Twitter (continued from page 3)

Turn to page five for a list of Dr. Nwomeh’s links and suggested tweeting apps.
Dr. Nwomeh’s Links

Departments of Surgery
Surgical departments and prominent leaders of surgery
https://twitter.com/bnwomeh/departments-of-surgery/members

Fellows of American College of Surgeons
Tweets from Fellows of the @AmCollSurgeons #FACS
https://twitter.com/bnwomeh/fellows-of-amcollsurgeons/members

Academic Surgery
Members of Association for Academic Surgery & Society of University Surgeon
https://twitter.com/bnwomeh/academicsurgery/members

Dr. Nwomeh’s suggested apps for tweeting and account management:

# Windows Desktop PC: “Tweetdeck is available as a standalone Twitter client, and also as a web app. I browse primarily with Google Chrome because it has extensions for the many utilities I use that enhance twitter.”

# Mac: “On my MacBook, I have both Tweetdeck (free) and TweetBot ($19.99), but use Tweetdeck primarily.

# iOS: “On both my iPhone and iPad, I use TweetBot (each $4.99), which in my view the best Twitter client of all platforms. The official Twitter app is OK, and is probably the most widely used. Occasionally, I use Hootsuite.”

# Cross Platform: “To schedule Tweets, I use Buffer (bufferapp.com), and sometimes Tweetdeck or Hootsuite. To tweet an article I’m reading, I use the Buffer extension. I use various ‘Read Later’ apps including Pocket, Readability, and Evernote, and each of them is connected to my Twitter account, so I can easily tweet an article I’m reading. Similarly, I have my Twitter account integrated with several news apps including Reeder, Feedly, Flipboard, and Zite.”
MINIMALLY INVASIVE SURGERY

Surgeons study benefits of POEM

Achalasia is a rare disorder that affects the ability of the esophagus to propel food into the stomach. The disease occurs in one in about every 100,000 people and may occur at any age, but is most common in middle-aged or older adults. The cause of achalasia in Western societies is largely unknown.

The lower esophageal sphincter, a muscular complex at the point where the esophagus and stomach join together, normally relaxes during swallowing. In people with achalasia, this area fails to relax. In addition, the normal muscle activity of the esophagus (peristalsis) is absent.

The most common symptom of achalasia is difficulty swallowing (dysphagia) and the sensation that swallowed food and drink is stuck in the chest. Other symptoms can include chest pain, heartburn, a sensation of a lump in the throat, and weight loss. Untreated, the disease may increase the risk of pulmonary complications and esophageal cancer. The traditional surgical management of achalasia is laparoscopic Heller myotomy. Other treatments include medical therapy with nitrates or nifedipine, botulinum toxin and endoscopic pneumatic dilation.

Peroral endoscopic myotomy (POEM), an incision-less minimally invasive procedure, has been recently introduced as a novel approach to achalasia treatment. Several potential advantages of POEM compared with laparoscopic Heller myotomy have been proposed. The endoscopic approach minimizes postoperative pain and requires shorter hospital stays.

Short-term outcomes show the POEM procedure to be safe and effective. Dr. Jeffrey W. Hazey, associate professor of surgery and interim chief of the Division of General and Gastrointestinal Surgery and Dr. Kyle A. Perry, assistant professor of surgery are currently studying long-term outcomes, cost-effectiveness, and the possibility for POEM to be an outpatient procedure.

POEM is performed with a flexible endoscope with the patient under general anesthesia. A mucosal incision is made in the esophagus to create entry to the submucosal space. An anterior submucosal tunnel is created downwards, passing the gastroesophageal junction and into the proximal stomach. Using the endoscope, the circular muscle fibers of the esophagus are divided to render the sphincter “incompetent”. The mucosal entry point is then closed with clips.

See POEM continued on page 7
POEM (continued from page 6)

The procedure demands a high level of flexible endoscopy skill to perform. At Ohio State, Drs. Hazey and Perry have successfully performed more than 40 POEM procedures.
SURGICAL RESEARCH

Dr. Ma leads investigation of treatment for acute lung injury

The results of a multi-institutional and private industry collaborative investigation of treatment for acute lung injury have been published in the July issue of *Nature Communications*. The study “Targeting MG53-mediated cell membrane repair for treatment of acute lung injury” was co-directed by Jianjie Ma, PhD, professor of surgery in the OSU Division of Cardiac Surgery and the Karl P. Klassen Chair of Thoracic Surgery and Chunyu Zeng, MD, PhD, professor and Chairman, Department of Cardiology, Daping Hospital, The Third Military Medical University.

Injury to lung epithelial cells has a role in multiple lung diseases. The research team previously identified mitsugumin 53 (MG53) as a component of the cell membrane repair machinery in striated muscle cells. This study shows that MG53 also has a physiological role in the lung and may be used as a treatment in animal models of acute lung injury. Mice lacking MG53 show increased susceptibility to ischemia-reperfusion and over-ventilation induced injury to the lung when compared with wild type mice. Extracellular application of recombinant human MG53 (rhMG53) protein protects cultured lung epithelial cells against anoxia/reoxygenation-induced injuries. Intravenous delivery or inhalation of rhMG53 reduces symptoms in rodent models of acute lung injury and emphysema. Repetitive administration of rhMG53 improves pulmonary structure associated with chronic lung injury in mice.

Data indicate a physiological function for MG53 in the lung and suggest that targeting membrane repair may be an effective means for treatment or prevention of lung diseases. Investigators participated from The Ohio State University; The Third Military Medical University, China; Robert Wood Johnson Medical School; Kyoto University, Japan; Merck Research Lab and TRIM-edicine, Inc.

Treatment of acute lung injury by targeting MG53-mediated cell membrane repair.

Yanlin Jia¹, Ken Chen², Peihui Lin³, Gissela Lieber¹, Miyuki Nishi⁵, Rosalie Yan⁶, Zhen Wang², Yonggang Yao², Yu L², Bryan A. Whitson³, Pu Duann², Haichang Li³, Xinyu Zhou³, Hua Zhu³, Hiroshi Takeshima⁵, John C. Hunter¹, Robbie L. McLeod¹, Noah Weisleder⁶, Chunyu Zeng² and Jianjie Ma³,⁶

*Nature Communications*, 5:4387; July 2014

http://www.nature.com/ncomms/2014/140718/ncomms5387/full/ncomms5387.html

¹Respiratory and Immunology, Merck Research Lab, Kenilworth, NJ
²Department of Cardiology, Daping Hospital, The Third Military Medical University, Chongqing Institute of Cardiology, Chongqing, China
³Department of Surgery, Davis Heart and Lung Research Institute, The Ohio State University, Columbus, OH
⁴Department of Physiology and Biophysics, Robert Wood Johnson Medical School, Piscataway, NJ
⁵Department of Biological Chemistry, Kyoto University Graduate School of Pharmaceutical Sciences, Kyoto, Japan
⁶Division of Protein Therapeutics, TRIM-edicine, Inc., North Brunswick, NJ 08854
⁷Department of Physiology and Cell Biology, Davis Heart and Lung Research Institute, The Ohio State University, Columbus, OH
MILESTONE

Dr. Sidney Miller retires

Dr. Sidney F. Miller, professor of surgery and director of Burn Research and Development, announced his retirement effective July 1, 2014 following a distinguished career of caring for burn patients that spans more than four decades.

A native of Indianapolis, Dr. Miller was the first person in his immediate family to attend college. He earned a bachelor of arts degree in mathematics from Indiana University. His plan was to continue his education in the master program for biostatistics. “I struggled in higher level mathematics, but received straight A’s in the required pre-med curriculum,” explained Dr. Miller. “So I decided to become a doctor.” He earned his medical degree from the Indiana University School of Medicine.

Dr. Miller completed his residency at Miami Valley Hospital in Dayton, Ohio. “A joke at the time was that if you got on the wrong side of [Dr. Robert] Zollinger you were sent to Dayton.” He then served in the United States Air Force as chief of surgical services at Mather AFB in California. Following that he was appointed to the faculty of Wright State University School of Medicine where he spent a majority of his career specializing in general surgery, trauma and burn care. Dr. Miller was president of the Ohio Chapter of the American College of Surgeons and a governor of the College. He served as chairman of the Ohio ACS Committee on Trauma and on the American College of Surgeons Committee on Trauma as Ohio State chairman, chief of the COT Region V and member of the Committee on trauma for 18 years.

In 2006 then Department Chairman Dr. Christopher Ellison invited Dr. Miller to present Surgery Ground Rounds and to discuss growing the burn program at Ohio State. Dr. Miller accepted an offer to join the faculty and to direct the Burn Center. “Becky Coffey [certified nurse practitioner] was already here and I would not have survived without her assistance,” said Dr. Miller. Admissions grew from 50-60 burn patients per year to more than 300 per year. “When I first arrived patients were treated in the SICU primarily by the nurses.” The burn ward was soon relocated to the ninth floor of West Doan Hall. The burn program was originally part of the Division of Plastic Surgery, then the Division of General Surgery and eventually became part of the Division of Trauma, Critical Care and Burn, which was formed in 2008. Also in 2008 the Burn Center received its first verification visit from the American Burn Association (ABA). “The visit was conducted by Dr. Richard Gamelli,” added Miller (see related story on page 11). In 2011 Dr. Larry Jones became director of the OSU Burn Center.

See Miller continued on page 10
Dr. Miller spoke of the changes to the burn program under his direction. “Soon after joining the faculty I was told that attendings don’t talk to family members. I said ‘on this service we do’.” He credits the excellent burn care at Ohio State to a team approach that includes surgeons, nurses, pharmacists, nutritionists and physical and occupational therapists. “Many of the personnel that were here when I began are still on the same team,” said Dr. Miller. He also related his philosophy toward referrals, “When receiving a call for a referral ‘just say yes’.” Dr. Miller has seen an overall decrease in critical burn injuries which he attributes to improvements in public education programs and housing regulations and an increase in smoke detector use. The evolution of long-wear burn dressings have also shortened recovery times.

During his career Dr. Miller has served on numerous professional organizations, including as president of the ABA and has led many community outreach programs. A wonderful example of giving back to the community is the annual Burn Camp, directed by Dr. Miller. Burn Camp, held at Camp Joy near Clarksville, Ohio, has the goals of team building, personal challenges and strengthening family relations after a traumatic event. The camp has recently been relocated closer to Columbus and is a single day event. It is one of just a few ‘family’ burn camps in the United States. The camp is available to any survivor treated at the Ohio State University Burn Center and their immediate family. Patients of all ages are invited to attend, from infants to the elderly. The number of attendees increases each year with some survivors returning annually.

In 2013 Dr. Miller was named as the American Electric Power (AEP) Foundation Chair in Burn Care. The AEP Foundation created the endowed chair in burn research at the OSU Burn Center to enable the College of Medicine to retain a nationally recognized physician faculty member overseeing medical research, education/training and specialized burn care.

Dr. Miller’s retirement plans include spending more time with his wife, children and grandchildren.
INAUGURAL EVENT

Sidney F. Miller, MD Lectureship

The Sidney F. Miller, MD Lectureship has been created by the Department of Surgery, the Division of Trauma, Critical Care and Burn and the OSU Burn Center to honor Dr. Miller for his dedicated service and excellence in patient care. The inaugural event of this annual lecture series was held Thursday, June 12. Visiting professor Dr. Richard L. Gamelli, Loyola University – Stritch School of Medicine, presented “Blood Transfusions in the Burn Patient: Clinical Insights and Experimental Observations.” Drs. Gamelli and Miller are long-time colleagues and collaborators, both having served as editors of the American Burn Association’s Journal of Burn Care and Research.

The Central Ohio Chapter of the Society of Fire Protection Engineers Presents

The 25th Annual Burn Center Outing

Benefiting The Ohio State University Wexner Medical Center

October 6, 2014
Scioto Reserve Country Club

Please visit chapter web site at SFPECOC.webs.com for information and links for registration. For more information contact Bob Dawson at 614-561-8145 or Carl Sellke at 614-882-1916.
COMPREHENSIVE TRANSPLANT CENTER

Cardiac and thoracic surgery milestones reached

The Comprehensive Transplant Center (CTC) team completed two milestones during the month of July 2014. The 400th heart transplant (since 1986) was performed July 16 by cardiac surgeons Dr. Bryan Whitson, assistant professor of surgery, Dr. Peter Lee, assistant professor of surgery and Dr. Robert Higgins, professor of surgery, director of the CTC and chair of the Department of Surgery. They were assisted by a team consisting of dozens of cardiologists, anesthesiologists, nurses and perfusionists. This milestone was covered in the July 23 Columbus Dispatch newspaper. Dr. Higgins is quoted, saying, “We’re always dependent on the courageous decision to donate, and that just makes all the difference in the world. It really is the gift of life.” The complete article may be read at http://www.dispatch.com/content/stories/local/2014/07/22/ohio_state_performs_400th_heart_transplant.html

On July 19, Drs. Whitson and Lee completed the tenth lung transplantation at Ohio State since August 2013 – well ahead of expected pace and with 90% survival so far this year. This CTC team is under the leadership of Dr. Whitson, Dr. Ayesha Hasan, assistant professor in the Division of Cardiovascular Medicine and medical director of Cardiac Transplantation, Dr. Amy Pope Harmon, associate professor, Critical Care Medicine, Dr. Ahmet Kilic, assistant professor, Division of Cardiac Surgery and Dr. Gary Haas, professor in the Division of Cardiovascular Medicine and medical director of the Heart Failure Program.

Save the Date - Coming Soon!

Deadline for abstract submission: September 8, 2014
For more information or to register please visit http://surgery.osu.edu/about/gltif/index.cfm
NEW FACULTY

The Department of Surgery welcomes new faculty

Daniel W. Benson, MD, has been appointed as clinical assistant professor of surgery. Dr. Benson earned his medical degree from Case Western University and completed a general surgery residency at the University of Cincinnati. He recently completed the surgical critical care fellowship at Ohio State. He had been in the practice of general surgery in Toledo, Ohio for 20 years when he discovered that non-compete clauses actually can be enforced. He has had a very successful career which includes being chief of surgery and director of the Trauma Program at St. Charles Mercy Hospital and chief of staff elect at Bay Park Community Hospital. Dr. Benson’s appointment in the Division of Trauma, Critical Care and Burn will last for a period 6 months after which he will return to Toledo to resume his practice there.

Mary E. Dillhoff, MD, MS, has been appointed as assistant professor of surgery in the Division of Surgical Oncology. She earned her medical degree at the University of Cincinnati, completed a general surgery residency at The Ohio State University and completed a surgical oncology fellowship at Memorial Sloan Kettering Cancer Center. While at Ohio State Dr. Dillhoff also completed the Master of Medical Science program. Dr. Dillhoff will divide her time between general surgery and the hepato-pancreato-biliary service.

Ashraf El-Hinnawi, MD, has been appointed as assistant professor of clinical surgery in the Division of Transplantation Surgery. He earned his medical degree at Jordan University of Science and Technology, Irbid, Jordan. Dr. El-Hannawi completed an abdominal transplant surgery fellowship at the University of Miami, and a transplantation fellowship at The Ohio State University. His specialty interest is pancreas transplantation and his research interest is clinical outcomes in pancreas transplantation. He also was the 2014 Inaugural Resident Inductee into Courage to Teach award, recognizing teaching excellence that reflects a humanistic approach to teaching and learning.

Lauren A. Licata, MD, has been appointed as clinical assistant professor of surgery in the Division of Trauma, Critical Care and Burn. Dr. Licata is the first recipient of the ACS Transition to Practice Program in General Surgery. She earned her medical degree from New York Medical College. Dr. Licata completed her general surgery residency at Cooper University Hospital where she also served as chief resident for one year. She recently completed the surgical oncology research fellowship at Roger Williams Medical Center, Boston University School of Medicine and spent six weeks last year as a volunteer visiting professor at Mbingo Baptist Hospital in Cameroon, West Africa.

See New Faculty continued on page 14
New Faculty (continued from page 13)

Michael P. Meara, MD, MBA, has been appointed as assistant professor of surgery in the Division of General and Gastrointestinal Surgery. He earned his medical degree from University of Oklahoma College of Medicine, completed his general surgery residency at East Carolina University, Brody School of Medicine at Vidant Medical Center and completed the advanced therapeutic endoscopy & gastrointestinal surgery fellowship at The Ohio State University. Dr. Meara also earned a master of business administration from the East Carolina University College of Business. His specialty and research interests include advanced therapeutic endoscopy and minimally invasive surgery.

Dániel Vazquez-Torres, MD, MS, has been appointed as assistant professor of surgery in the Division of Trauma, Critical Care and Burn. He earned his medical degree from Brown University Medical School and earned a master of science degree in space studies from the International Space University in Strasbourg, France. Dr. Vázquez-Torres completed his general surgery residency at the University of South Florida and completed the surgical critical care fellowship at The Ohio State University. While in medical school, he received an American Association for the Surgery of Trauma Scholarship. He was also chosen as the Outstanding 3rd Year Resident by the Tampa Bay Surgical Society.

Center for Minimally Invasive Surgery

Edward L. Jones, MD, MS, accepted an appointment as clinical assistant professor of surgery and is an advanced therapeutic endoscopy fellow. Dr. Jones earned his medical degree at Case Western University School of Medicine, and completed a completed a residency in general surgery at the University of Colorado. He also earned a master of science degree from Case Western University. His interests are minimally invasive surgery, advanced endoscopy, peroral endoscopic myotomy (POEM) and endoscopic retrograde cholangiopancreatography (ERCP).

Matthew R. Pittman, MD, accepted an appointment as clinical assistant professor of surgery and is a minimally invasive surgery fellow. Dr. Pittman earned his medical degree at Georgetown University and completed a general surgery residency at Loyola University Medical Center. His interests are bariatric and foregut surgery and metabolic diseases of the bariatric population.
New Faculty (continued from page 14)

Jennifer S. Schwartz, MD, accepted an appointment as clinical assistant professor of surgery and is a minimally invasive surgery fellow. Dr. Schwartz earned her medical degree at State University of New York Upstate Medical Center and completed a residency in general surgery at The Ohio State University. Her interests are bariatric and hernia surgery and outcomes-based research for bariatric and hernia surgery.
The Center for Faculty Advancement, Mentoring and Engagement and the COM Office of Academic Affairs presents:

New Faculty Orientation:
Getting Engaged in the Academic Life

Tuesday, September 16, 2014
12:15-3:45pm
620 Prior Hall
376 W 10th Ave.

The purpose of this orientation is to introduce new faculty to the resources and tools needed to have a successful academic career. Leaders within the Center for FAME will provide an overview of tools and resources available, including: an introduction to the new curriculum; and work and life balance.

Lunch will be provided. RSVP to FAME@osumc.edu

THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE
Save the Date - Coming Soon!

Ellison Post-Graduate Course: Advances and Innovations in Surgery

September 26 and 27, 2014

Ross Heart Hospital Auditorium, H1213
452 West Tenth Avenue, Columbus, Ohio 43210

Presented by The Ohio State University Center for Minimally Invasive Surgery

Course Overview: This two day course is designed for surgeons whom are interested in the evolution of surgical technology, techniques, and advanced scientific knowledge. The course will consist of didactic lectures and new product demonstration. Course participants will be expected to complete a comprehensive evaluation on key concepts presented in the course to help measure change in competence. Surgeons will be offered an opportunity for self-assessment credits toward Part 2 of the ABS MOC Program.

Objectives: Completion of this course will enable participants to:
1. Identify emerging surgical techniques in esophageal disorders, treatment in obesity, and abdominal wall transplantation.
2. Identify technological advances in minimally invasive and robotic surgery.
3. Identify scientific advances in regenerative medicine and wound healing.

Accreditation: The Ohio State University Medical Center, Center for Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The Ohio State University Medical Center designates this educational activity for a maximum of 7 AMA PRA Category I Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

To Register: please visit https://ccme.osu.edu/ConferenceDetail.aspx?ID=1543
For more information contact Heidi Pieper, Phone: 614-293-9072, Email: Heidi.Pieper@osumc.edu
Graduates, faculty and housestaff honored; New housestaff begin training

Outstanding faculty and housestaff were honored along with the 2013–2014 graduates of the Department of Surgery’s training programs on June 14th at the Department’s annual graduation and awards banquet.

Dr. Thomas Pham, chief resident in general surgery, was named Resident of the Year by the Surgery faculty.

Dr. Eliza Beal was named Intern of the Year as voted by the Surgery faculty.

Nicole Baltich, RN was named Surgical Nurse of the Year by the chief residents in general surgery.

Teaching Awards
Dr. Jon Henry, chief resident in general surgery, was chosen by the medical students to receive the Resident Teaching Award.

Dr. Sherif Abdel-Misih, assistant professor of surgery in the Division of Surgical Oncology was selected by the medical students to receive the Michael J. Walker, M.D. Faculty Teaching Award.

Dr. David Renton, assistant professor of clinical surgery in the Division of General and Gastrointestinal Surgery, and Dr. Carl Schmidt, assistant professor of clinical surgery in the Division of Surgical Oncology were chosen by Department residents and fellows to receive a Faculty Teaching Award.

Dr. Michael Meara, advanced therapeutic endoscopy and gastrointestinal surgery fellow, was selected by the general surgery residents to receive the Fellow Teaching Award.
Teaching Awards, continued

Dr. James Highley, assistant professor, Department of Anesthesiology was selected by the chief residents in general surgery to receive the John L. Robinson Award, for outstanding teaching by faculty or staff from another department.

Graduates

Twenty-one surgery trainees completed their residency or fellowship program in June. Congratulations to all!

Dr. Daniel W. Benson completed the surgical critical care fellowship and has been appointed as assistant professor of surgery in the Division of Trauma, Critical Care and Burn at The Ohio State University. This is a six-month appointment after which Dr. Benson will return to his practice in Toledo, Ohio.

Dr. Cyrus C. Chan completed the surgical critical care fellowship and will return to the University of Toledo Medical Center to complete his general surgery residency.

Dr. Umer I. Chaudhry completed the minimally invasive and bariatric surgery fellowship and has accepted a position of staff surgeon with Kaiser Permanente in San Diego, California.

Dr. Amy L. Collins completed the general surgery residency and will began an advanced upper gastrointestinal and hepatobiliary surgery fellowship at Florida Hospital in Orlando, Florida.

Dr. Ashraf El-Hinnawi completed the transplant surgery fellowship and has been appointed as assistant professor of clinical surgery in the Division of Transplantation at The Ohio State University.

Dr. Michelle M. Fillion completed the surgical oncology fellowship and has been appointed as assistant professor of surgery at the University of North Carolina at Chapel and joins University Surgeons-SEAHEC at New Hanover Regional Medical Center in Wilmington, North Carolina.

Dr. Ramy H. Fouad completed the surgical critical care fellowship and will begin a surgical oncology fellowship at Mount Sinai School of Medicine in New York, New York.

Dr. Nikhil P. Jaik completed the cardiothoracic surgery fellowship and has accepted a position as a cardiac surgeon at PinnacleHealth System in Harrisburg, Pennsylvania.
Dr. Eric A. Luedke completed the general surgery residency and will begin a bariatric/minimally invasive surgery fellowship at Stanford University in Palo Alto, California.

Dr. Michael P. Meara completed the advanced therapeutic endoscopic and gastrointestinal surgery fellowship and has been appointed as assistant professor of surgery in the Division of General and Gastrointestinal Surgery at The Ohio State University.

Dr. Nicolas J. Mouawad completed the vascular surgery fellowship and has accepted a position of staff vascular surgeon with Bay Heart and Vascular in Bay City, Michigan.

Dr. Shawnn D. Nichols completed the surgical oncology fellowship and returns to active duty as a surgeon with the United States Air Force in San Antonio, Texas.

Dr. Kathryn L. O'Keefe completed the cardiothoracic fellowship and has accepted a position as cardiothoracic surgeon for TriHealth Heart Institute in Cincinnati, Ohio.

Dr. Laura A. Peterson completed the general surgery residency and will begin a vascular surgery fellowship at Wake Forest University in Winston-Salem, North Carolina.

Dr. Thomas A. Pham completed the general surgery residency and will begin an abdominal transplant fellowship at Stanford University in Palo Alto, California.

Dr. Ricardo O. Quarrie completed the general surgery residency and will begin a cardiothoracic fellowship at Yale New Haven Medical Center in New Haven, Connecticut.

Dr. Mehul V. Raval completed the cardiothoracic fellowship and has been appointed as assistant professor of surgery in the Department of Surgery at Emory University School of Medicine, Children’s Healthcare of Atlanta in Atlanta, Georgia.

Dr. James A. Rydlewicz completed the minimally invasive and bariatric surgery fellowship and will enter a general and bariatric private practice at Grafton Aurora Medical Center in Grafton, Wisconsin.
Dr. Jennifer S. Schwartz completed the general surgery residency and will begin a minimally invasive and bariatric surgery fellowship at The Ohio State University.

Dr. Lawrence A. Shirley completed the surgical oncology fellowship. His plans are not final at the time of publication.

Dr. Daniel E. Vazquez-Torres completed the surgical critical care fellowship and has been appointed as assistant professor of surgery in the Division of Trauma, Critical Care and Burn at The Ohio State University.

Save the Date - Held in Ohio Stadium!

The Ohio State University Heart and Vascular Center with the Center for Continuing Medical Education, present

FRIDAY, NOVEMBER 7, 2014
Controversies in Vascular Diseases

SATURDAY, NOVEMBER 8, 2014
Seventh Annual Noninvasive Testing Symposium

The Ohio Stadium, Huntington Club Rooms
411 Woody Hayes Drive, Columbus, OH 43210

Sponsored by: Ohio State’s Division of Vascular Diseases and Surgery and the Peripheral Vascular Lab

You may register on-line at https://ccme.osu.edu/conferencedetail.aspx?ID=1549
If you have any questions, please call Dawn Sagle at 614-293-8536 or email dawn.sagle@osumc.edu
New Trainees
Twenty-three residents and fellows began training programs in the Department of Surgery in July. Welcome!

Clifford Akateh, MD
General Surgery
PGY1

Ankur Bhukta, DO
Surgery Critical Care Fellow

Robert Brown, MD
General Surgery
PGY1 - Prelim.

Diana Dinh, MD
General Surgery
PGY1

Joseph Drews, MD
General Surgery
PGY1

Joshua Ebel, MD
Urology
PGY1

Kristin Ebert, MD
Urology
PGY1

Brent Goslin, MD
Surgery Critical Care Fellow

Valerie Grigoriadis, MD
Surgical Oncology Fellow

Anahita Jalilvand, MD
General Surgery
PGY1

Iyore James, MD/
MALD, MS
Transplant Fellow

Teresa Jones, MD
Surgery Critical Care Fellow

Dimma Kaku, MD
General Surgery
PGY1 - Prelim.

Mio Kitano, MD
Surgical Oncology Fellow

David Koller, MD
General Surgery
PGY1

Mahim Malik, MBBS
Cardiothoracic Surgery Fellow

Michael McKee, MD
General Surgery
PGY1 - Prelim.

Thanh Nguyen, DO
Surgery Critical Care Fellow

Babatunde “Tunde” Oriowo, MBBS
Vascular Fellow

Payam Saadat, MD
Pediatric Surgery Fellow

Siva Patimatla Venkata, MBBS
Cardiothoracic Surgery Fellow

Magarya Wairaka, MD
General Surgery
PGY1

Joseph Wan, MD
Urology
PGY1

Surgery Today | August 2014 | 22
Surgery Research Conference

The 19th Annual Surgery Research Conference was held May 16, 2014. This conference is directed by Dr. Ginny Bumgardner, professor of surgery and associate dean of research education. Eighteen surgical trainees presented poster and oral presentations to the judges panel consisting of Ohio State faculty Dr. Robert Higgins, Dr. Joanna Groden and Dr. Christopher Ellison and visiting professor and 2014 Zollinger lecturer Dr. Anthony A. Meyer, the Colin G. Thomas, Jr., MD Distinguished Professor and Chair, Department of Surgery, University of North Carolina at Chapel Hill.

Conference awardees include: Dr. Terrence Rager was awarded best poster for “Tissue Engineered Intestine of Human Origin Grown on a Bioabsorbable Polyglycolic Acid Scaffold Infused with HB-EGF.” His faculty advisor is Dr. Gail Besner. Dr. Kara Keplinger was awarded first place for her oral presentation “P21-Activated Kinase as a Therapeutic Target in Papillary Thyroid Cancer.” Her faculty advisor is Dr. Matthew Ringel. Dr. Andrew Shirley was awarded second place for his oral presentation “Integrin-Linked Kinase Over-expression in the Dysregulated Stroma of Pancreatic Cancer and the Impact on Patient Survival.” His faculty advisors are Dr. Ching-Shin Chen and Dr. Mark Bloomston. Dr. Sara Mansfield was awarded third place for her oral presentation “Detection of Cytomegalovirus in Bronchoalveolar Lavage Fluid.” Her faculty advisors are Dr. Robert Baiocchi and Dr. Charles Cook.

Congratulations to all who were selected to present their research. ✷
MASTER OF MEDICAL SCIENCE PROGRAM

2014 MMSP graduates

Congratulations to the following surgery trainees upon completing their program requirements and receiving their master of medical science degree. Comment are provided by Dr. Ginny Bumgardner, MAster of Medical Science Program (MMSP) director.

Joseph M. Drosdeck, MD, MS, fulfilled all requirements for the Master of Medical Science degree and completed one year of research working with Dr. Scott Melvin and CMIS and General Surgery faculty. He gained experience with preparation of IRB approved protocols for clinical research projects. In addition to clinical research, Dr. Drosdeck was active in educational research to evaluate the efficacy of surgical skills training techniques for medical students. He gained ample experience presenting research accepted for podium presentations at national meetings including the 2013 Academic Surgical Congress in New Orleans, Louisiana, the 2013 SAGES meeting in Baltimore, Maryland, the 2013 American College of Surgeons meeting in Washington, D.C., the 2013 International Conference on Residency Education in Calgary, Canada. He has two first-author publications, one analyzing risk factors for wound infection after laparoscopic colorectal surgery, and one reporting the benefits of porcine wet lab to enhance surgical skills in third year medical students. Joe also published an interesting study on personality differences between surgeons and non-surgeons at different career points accepted for publication in the *Journal of Graduate Medical Education*. These experiences prepare him with a diverse skill set to pursue future clinical and surgery education research.

Justin Huntington, MD, MS, fulfilled all requirements for the Master of Medical Science degree and completed two years of research working in the basic science laboratory of Gustavo Leone, PhD, Professor in the COM Department of Molecular Virology, Immunology and Medical Genetics. He was co-mentored by both Dr. Leone and Dr. Carl Schmidt in the Division of Surgical Oncology to pursue a research project investigating the role of E2F 7 and E2F 8 transcription factors on hepatocellular carcinogenesis. His basic science research mentor is a renowned expert in the Ras pathway coordinating cell growth and cell death signals elicited by the E2F and Myc transcription programs. Dr. Huntington took on a challenging research project and made excellent progress resulting in several presentations and a first-authored manuscript in review. He presented a poster on this project at the 2014 COM Trainee Research Day and won a $1,000 travel award for his excellent presentation. He also wrote an approved IRB protocol to study the role of “E2F levels as

See MMSP continued on page 24
Prognostic Indicator in HCC patients.” During this time he also participated in clinical research projects resulting in two first-authored publications and another in submission. Through this research experience Dr. Huntington has gained substantial expertise about hepatocellular carcinoma and liver disease. His training was supported by an NIH T32 “Cancer Genetics” training grant.

Michelle Fillion, MD, MS, is one of three surgical oncology fellows this year who completed all of the requirements necessary to complete training at OSU with a Master of Medical Science. Her research project was mentored by Doreen Agnese, MD in the Division of Surgical Oncology. Her project focused on an institutional analysis of surgical approaches for breast conservation surgery (rate of intraoperative frozen section and axillary lymph node dissection) at OSU after the publication of the American College of Surgeons Oncology Group (ACOSOG) Z0011 Trial results in the Journal of American Medical Association (2011). Her master’s exam presentation generated a vigorous discussion and her results are in preparation for publication.

Shawn Nichols, MD, MS, is one of three surgical oncology fellows this year who completed all of the requirements necessary to complete training at OSU with a Master of Medical Science. He pursued several clinical research projects and was mentored by Edward Martin, Jr., MD, Professor of Surgery in the Division of Surgical Oncology. Preliminary results generated on one of the projects to develop new hemostatic products with potential for in-field military application will be continued as he moves forward with his clinical career at the Brooke Army Medical Center (BAMC), also known as the Flagship of Army Medicine. Co-located with the BAMC campus is the world renowned Army Institute of Surgical Research where he will continue his research and begin his clinical practice.

Robert Plews, MD, MS, fulfilled all requirements for the Master of Medical Science degree and completed two years of research training working with John Phay, MD in the Division of Surgical Oncology. Dr. Plews investigated the efficacy of a new compound discovered at OSU (OSU-53) for the treatment of thyroid carcinoma. In the course of these studies he found unexpected results and identified that these results were attributable to novel effects of OSU-53 not previously appreciated. He has a first-author manuscript reporting these findings which has been submitted for publication in the Journal of Clinical Endocrinology and Metabolism (JCEM). Robert gained ample experience presenting scientific work including oral presentations at the 2013 Ohio Chapter of the American College of Surgeons Annual Meeting, the 24th Annual Presidential Symposium of the Columbus Surgical Society (2013) and See MMSP continued on page 25
the 2014 Academic Surgical Congress in San Diego, CA. He won 1st place at both the Columbus Surgical Society Symposium and the Ohio Chapter ACS Annual Meeting. In addition, he won a travel award at the 2013 COM Trainee Research Day poster presentation competition. Through this research experience Robert has gained substantial expertise in thyroid cancer and testing novel experimental therapeutics to treat this disease. His training was supported by an NIH T32 “Tumor Immunology” training grant.

Lawrence “Drew” Shirley MD, MS, is one three surgical oncology fellows this year who completed all of the requirements necessary to complete training at OSU with a Master of Medical Science. He investigated mechanisms mediated by the tumor stromal microenvironment which contribute to the aggressiveness of pancreatic adenocarcinoma and found very promising results for a potential new drug target which demonstrates high expression in pancreatic cancer and negatively correlates with survival rates in humans. His research mentor, Ching Shih Chen, PhD, is a Professor of Medicinal Chemistry and Pharmacognosy in the College of Pharmacy who is known for his expertise in drug discovery and design. Consequently, Dr. Shirley also had the opportunity to investigate the efficacy of a novel direct activator of LAMP Kinase (OSU-53D) developed in his mentor’s laboratory to enhance radiation-induced killing of pancreatic cell lines. Promising results led to ongoing studies to examine the beneficial radiosensitizing effects of OSU-53D in vivo. Altogether Dr. Shirley gained valuable research experience and is well prepared to pursue a surgeon-scientist academic career in Surgical Oncology.

Rachel Sullivan, MD, MS, fulfilled all requirements for the Masters of Medical Science degree and completed one year of research working with Carl Schmidt, MD on a translational research project investigating “Serum Biomarkers as Prognostic Indicators and Measures of Treatment Effect in Patients Undergoing Transarterial Chemoembolization (TACE) for Unresectable Hepatocellular Carcinoma.” Dr. Sullivan worked with Dr. Schmidt and his basic science collaborators to design a translational project using cutting edge technology to investigate potential cellular and molecular biomarkers which can predict response to TACE. She prepared an IRB approved protocol for this study which is still ongoing. Dr. Sullivan was the recipient of the 2012 James King Research Award.
Highlights on Current MMSP Research

Dr. Sylvester Osayi, general surgery resident, is investigating minimally invasive and surgical endoscopy techniques. His main project is on the use of near infrared fluorescence cholangiography to identify biliary structures during laparoscopic cholecystectomy. He is also involved in a new study investigating the benefit of virtual reality simulation training in improving residents performance in endoscopy. This study arouse from the new American Board of Surgery mandate that residents pass the fundamentals of endoscopic surgery (FES) exam prior to obtaining their medical license.

Dr. Kara Keplinger, general surgery resident, is evaluating the effectiveness of new agents to treat papillary thyroid cancer (PTC), the most common type of thyroid cancer. These cancers often produce a protein called PAK1 at a higher level than normal cells. She is using new compounds to block this protein in an orthotopic thyroid cancer model in mice, one of a only handful of labs in the nation to use this technique which requires surgery. “My project will help determine whether these molecular inhibitors might be useful for PTC,” Keplinger says. She joined the lab of Matthew Ringel, MD, co-director of the Thyroid Cancer Unit at the OSUCCC – James.
IN BRIEF

In the News

Dr. Robert S.D. Higgins, professor and chair of the Department of Surgery, was featured in the Summer 2014 issue of STS News, a publication of the Society of Thoracic Surgery, in an article describing his mentoring Dr. Ryan Campagna. Dr. Campagna, a recent graduate of The Ohio State University College of Medicine, became interested in a career as a cardiothoracic surgeon after meeting Dr. Higgins while interviewing for an eight week CT surgery externship. The experience inspired Dr. Campagna to organize a group for medical students interested in cardiothoracic surgery. Dr. Higgins and other attending cardiothoracic surgeon provided mentorship to the group. Dr. Ahmet Kilic, assistant professor of surgery in the Division of Cardiac Surgery was also mentioned. The complete story “STS Members Mentor the Next Generation of CT Surgeons” may be found by visiting:

Dr. Higgins was quoted in the July 21 issue of the Toledo Blade newspaper in a story regarding a man hoping to receive a heart transplantation. The man is currently being supported by a left ventricular assist device (LVAD). In the story Dr. Higgins described the waiting list process and selection criteria. The story may be read on-line by visiting:
http://www.toledoblade.com/Medical/2014/07/21/Saved-by-high-tech-pump-Mike-Grieselding-hopes-for-new-heart.html

Recognitions

J. Kevin Bailey, associate professor of surgery, Division of Trauma, Critical Care and Burn, serves as a volunteer physician and medical student mentor at the Columbus Free Clinic, Columbus, Ohio.

Dr. Shayna Brathwaite, general surgery resident is the 2014 recipient of the James King Award which is accompanied by $2,500 toward research educational expenses. Dr. Brathwaite will be working over the next two years with her mentors Dr. Ching Shih Chen, Dr. Christina Wu and Dr. Tony Saab. Her project will focus on investigating the mechanisms by which patients with metastatic colon cancer develop resistance to cetuximab (anti-EGFR antibody therapy).

Dr. Brathwaite also has been awarded a T32 Oncology Training Grant for 2014-2015.
Dr. David Evans, assistant professor of surgery, Division of Trauma, Critical Care and Burn, was a guest commentator on the MedFlight podcast “TXA: Changing the Game in EMS” which broadcast April 1, 2014. http://www.medflightradio.com/txa-changing-the-game-in-ems/

Dr. Evans has also been selected to serve on the American Society for Parenteral and Enteral Nutrition (ASPEN) Clinical Practice Committee.

Dr. Alan Harzman, assistant professor of clinical surgery, Division of Colon and Rectal Surgery, has been appointed as program director for the General Surgery Residency. His appointment was officially announced at the July Graduate Medical Education Committee meeting. Dr. Harzman has been a dedicated surgical educator leading educational programs and initiatives in the College of Medicine. We look forward to his leadership in this role and welcome him to the Department of Surgery leadership team. Dr. Harzman replaces prior residency program director Dr. Mark Arnold after his more than ten years of dedicated service and commitment to the residents of the Department. We look forward to Dr. Arnold’s ongoing leadership as Vice Chair for Education and as chief of the Division of Colon and Rectal Surgery. Congratulations and thanks to both of these outstanding surgical educators!

Dr. Mounir Haurani, assistant professor of surgery, Division of Vascular Diseases and Surgery, attended the Society of Vascular Surgeons (SVS) annual meeting, held in June, as a mentor to help the general surgery residents who are interested in vascular surgery better participate in the meeting. He also judged the Resident Skills competition. Dr. Haurani also was recently appointed as the regional ambassador for the Vascular and Endovascular Surgical Society (formerly PVSS).

Dr. Haurani is also principle investigator of a new clinical trial in collaboration with the global healthcare company Grifols to study the use of lytic therapy in occluded grafts.

Dr. Larry Jones, associate professor of surgery and director of the OSU Burn Center has recently been appointed to several positions including the Academic Behavioral Review Committee of the OSU College of Medicine, Lead Physician for the Burn Service at The Ohio State University Wexner Medical Center, and as the Burn Representative on the Central Ohio Trauma System’s Clinical Trauma Committee.

Dr. Jones also represented The Ohio State University Wexner Medical Center Burn Center at the State Burn Surgery Tabletop Exercise of the Ohio Emergency Management in Columbus, Ohio on May 14, 2014.
**Dr. Peter H.U. Lee**, assistant professor of surgery, Division of Cardiac Surgery, was elected as a Corresponding Member of the prestigious International Academy of Astronautics. There are only 1000 members of this organization worldwide, and Dr. Lee joins an outstanding group of physicians, scientists, and astronauts, including Senator/Astronaut John Glenn. Dr. Lee will be honored and inducted at a ceremony on Sunday, September 28, 2014, at the 65th IAC Conference in Toronto, Canada.

**Dr. David E. Lindsey**, associate professor of surgery, Division of Trauma, Critical Care and Burn, attended the Program for Health Care Providers as a Harvard-Macy Fellow May 18-23 in Boston, Massachusetts. In addition he spoke as faculty for one selective on the subject of teaching rapid clinical decision making.

**Dr. Benedict Nwomeh**, Division of Pediatric Surgery, has been promoted to the rank of Professor-Clinical, effective June 6, 2014, and was reappointed effective September 1, 2015.

**Dr. Terrence Rager**, general surgery resident, had his proposal to the Society of University (SUS) selected as a finalist for their 2014 Resident Scholar Award. He has been invited to present it in person to the scholarship committee in person next month in Chicago.

Ravichandran “Akshay” Ramakrishnan was awarded the Dean’s Designation and his proposal was the highest rated, at the recently held Roessler Kickoff meeting. Akshay is a Med-1 student who wrote a Roessler fellowship proposal with **Dr. Sashwati Roy**, associate professor of surgery, Division of General and Gastrointestinal Surgery, which was subsequently funded.

**Dr. Cameron Rink**, assistant professor of surgery in the Division of Vascular Diseases and Surgery, was featured in the health section of the *Malaysia Star* newspaper in the April 27 issue. The publication is the largest English language circulating newspaper in Malaysia with a daily circulation of over 300,000.

**Dr. Chandan Sen**, professor of surgery and vice chair for research, was appointed chair of the NIH Study Section ZRG1 SBIB-Z02 on Biomedical Imaging, Surgical Sciences and Bioengineering.

**Dr. Steven Teich**, Division of Pediatric Surgery, was promoted to the rank of Associate Professor-Clinical, effective June 6, 2014, and reappointment effective September 1, 2015.
Grants


Chlan L, Coffee R, Murphy C, Jones LM, Bailey JK. Safety, Feasibility and Acceptability of Patient-Controlled Sedation for Anxiolysis with Dexmedetomidine (PCS-Dex) for Burn Care Dressing Changes. CTTS grant, $25,000.

Publications


**International Presentations**


**National Presentations**


**Satiani B.** Co-Moderator Post Graduate Course on ‘leadership, styles and versatility’ at the Annual Meeting of the Society for Vascular Surgery, Boston, MA, June 4, 2014.

**Satiani B.** Speaker ‘Social Styles’ at the Post Graduate Course on ‘leadership, styles and versatility’ at the Annual Meeting of the Society for Vascular Surgery, Boston, MA, June 4, 2014.

**Satiani B.** Brod H, English E. The Faculty Leadership Institute: Developing leadership competencies in physicians and researchers. Presented at Group on Faculty Affairs Professional Development Conference, Association of American Medical Colleges, Boston, MA, June 20, 2014.

Local Presentations

Bailey JK. Instructor, Advanced Burn Life Support Course, The Ohio State University Wexner Medical Center, Columbus, OH, June 19, 2014.

Bailey JK. Burn Management, Time Critical Diagnosis Program presentation to Emergency Medicine Interns, The Ohio State University Wexner Medical Center, Columbus, OH, June 19, 2014.

Coffey R. Initial Management of the Burn Patient. Trauma Tactics. The Ohio State University Wexner Medical Center, Columbus, OH, April 15, 2014.

Coffey R. Alterations in Skin Integrity—Care of the Burn Patient. Surgical Nursing Course presentation to junior nursing students, College of Nursing, The Ohio State University Wexner Medical Center, Columbus, OH, April 16, 2014.

Coffey R. Basic Trauma and Burn Support. Presentation to pulmonary, allergy, critical care and sleep residents, The Ohio State University Wexner Medical Center, Columbus, OH, April 30, 2014.

Coffey R. Initial Management of the Burn Patient. Trauma Tactics. Doctors Hospital, Columbus, OH, May 16, 2014.

Coffey R. Initial Management of the Burn Patient. Trauma Tactics. The Ohio State University Wexner Medical Center, Columbus, OH, May 20, 2014.


Go, MR. Treatment options for clots: EKOS vs thrombectomy, angiojets, cryotherapy, etc. How is the treatment options determined? Ross Heart Hospital, 5th Floor Ross In-service, Columbus, OH, May 28, 2014.

Go MR. Hemodynamics & Atherosclerosis. The Ohio State University Wexner Medical Center, Vascular Grand Rounds, Columbus, OH, June 30, 2014.

Jones, LM. Poster Judge, The Ohio State University College of Medicine 2014 Trainee Research Day, The Ohio State University, Columbus, OH, April 10, 2014.

Jones LM. Course Director, Advanced Trauma Life Support Course, Central Ohio Trauma Systems, Columbus, OH, May 3, 2014.
Jones, LM. Burn Surgery. Invited lecture for OR nurses. The Ohio State University Wexner Medical Center, Columbus, OH, May 22, 2014.

Jones LM. Course Director, Advanced Trauma Life Support Course, Central Ohio Trauma Systems, Columbus, OH, May 31, 2014.

Jones LM. Course Director, Advanced Burn Life Support Course, The Ohio State University Wexner Medical Center, Columbus, OH, June 19, 2014.

Satiani B. Significance of the ABI and appropriateness of non-invasive vascular testing. The Ohio State University Wexner Medical Center, Cardiology Grand Rounds, Columbus, OH, May 9, 2014.

Satiani B. Carotid Duplex Scanning. Part two. Correlations; quality assurance and cases. The Ohio State University Wexner Medical Center, Vascular Surgery Grand Rounds, Columbus, OH, July 14, 2014.


Vaccaro PS. Management of Vascular Trauma. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus OH May 19, 2014.

Guest Presenters

Dean, S. Vascular Jeopardy. The Ohio State University Wexner Medical Center, Vascular Grand Rounds, Columbus, OH, June 16, 2014.

Raman S. MR Vascular Imaging. The Ohio State University Wexner Medical Center, Vascular Grand Rounds, Columbus, OH, June 2, 2014. ✡