Dr. Ellison announces retirement

E. Christopher Ellison, MD, interim dean of the OSU College of Medicine, has announced that he intends to retire from his roles as interim dean, CEO of the Faculty Group Practice and CEO of OSU Physicians, Inc., effective June 30, 2016.

Dr. Ellison has had a long and distinguished career as a clinician, educator, researcher and senior leader at the College of Medicine and the Wexner Medical Center. He is an exemplar of collaborative leadership. Currently, he also serves as senior associate vice president for Health Sciences.

A highly respected physician-scientist, Dr. Ellison has been named a College of Medicine Distinguished Professor and Professor of the Year, and is consistently included on the “Best Doctors in America” list. A practicing surgeon, his research and clinical interests include pancreatic disease, hepatic cancer, wound healing and Zollinger-Ellison syndrome.

His work has been published in more than 140 peer-reviewed articles, and he is co-author, with Robert M. Zollinger Jr., of Zollinger’s Atlas of Surgical Operations, 9th Edition, published in 2010. In addition, he serves on the editorial board of The American Journal of Surgery and as a deputy editor for the Journal of the American College of Surgeons. He is also an invited reviewer for American Journal of Obstetrics & Gynecology, Archives of Surgery and Annals of Surgery.

Dr. Ellison has served in leadership roles with many local and national medical organizations, including past president of the Central Surgical Association, chair of the American Board of Surgery, secretary for the American Surgical Association and chair of the Advisory Council for General Surgery and Advisory Councils for the Surgical Specialties of the American College of Surgeons. He is the current president of the James IV Association of Surgeons.

Dr. Ellison received his undergraduate degree from the University of Wisconsin and his medical degree from the Medical College of Wisconsin. He completed his training in general surgery at The Ohio State University and joined the faculty in 1993. He served as the Robert M. Zollinger Chair of Surgery for 13 years.

Please join me in congratulating Dr. Ellison on his remarkable career at The Ohio State University, and especially for his leadership as interim dean of the College of Medicine. His passion for the college and the faculty is unparalleled.

A search committee for the next dean of the College of Medicine has been convened and is chaired by Michael Caligiuri, MD.

(Courtesy of Sheldon M. Retchin, MD, MSPH, Executive Vice President of Health Sciences and CEO, OSU Wexner Medical Center, and the OSU WMC Communication Center)

Dr. Hazey appointed as chief

Jeffrey W. Hazey, MD, FACS, associate professor of surgery, has been appointed as chief of the Division of General & Gastrointestinal Surgery at The Ohio State University Wexner Medical Center, effective August 11, 2015. He previously served as interim chief of the division since 2013. Dr. Hazey attended college at Miami University, Oxford, Ohio earning a bachelor of arts degree. He earned his medical degree at Case Western Reserve University, graduating in 1992, and completed his surgical training at University Hospitals of Cleveland/Case Western Reserve Integrated Surgical Residency Program in 1999. During his training, he spent two years in the lab studying stable isotopes in metabolic pathways and their application to reperfusion injury. He completed an advanced endoscopic and laparoscopic fellowship at the Cleveland Clinic Foundation in 2000.

Following training, Dr. Hazey joined the faculty at East Carolina University, Brody School of Medicine as an assistant professor, specializing in advanced laparoscopic surgery.

See “HAZEY” continued on page 3
Volunteerism

Dr. Levitt leads team in Costa Rica

A 20 member team led by Marc A. Levitt, MD, professor of surgery in the Division of Pediatric Surgery, traveled to San Jose, Costa Rica from September 25 to October 1, performing pediatric colorectal surgery and helping the Children’s Hospital there establish a regional pediatric referral center to serve all of Central America. The team included Nationwide Children’s Hospital (NCH) OR nurses/staff Chris Frake, Ashley Sanders and Kate Taylor and a NCH fellow Payam Sadaai, MD, as well as members from the Netherlands, France, Germany, Israel, Chile, and Italy. 55 procedures were performed on 18 children over a busy four days. “It was incredibly gratifying to start this work in Costa Rica to establish a pediatric colorectal center to serve all of Central America,” said Dr. Levitt. Future trips are planned as this collaboration is enhanced, and a surgical trainee from Costa Rica is making plans to spend time training in Columbus.

Dr. Hazey (continued from page 2)

techniques and advanced endoscopic surgery including endoscopic retrograde cholangiopancreatography (ERCP). He joined the Department of Surgery faculty at The Ohio State University Wexner Medical Center in August 2003 and continues his work in minimally invasive surgery and ERCP. In addition to minimally invasive surgery, Dr. Hazey specializes in the surgical treatment of gastroesophageal reflux disease (GERD), gallbladder disorders and bile duct stones.

Dr. Hazey is actively involved in natural orifice transluminal endoscopic surgery (NOTES) research. Along with colleague Kyle A. Perry, MD, associate professor of surgery, he is investigating peroral endoscopic myotomy (POEM), an incision-less procedure for the management of achalasia (difficulty swallowing). He is a fellow of the American College of Surgeons and is an active member of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), chairing the Open to MIS taskforce and served as co-chair of the SAGES Global Affairs Committee.

Please congratulate Dr. Hazey when you see him. He has done an excellent job as the interim division director. We all look forward to watching the Division of General & Gastrointestinal Surgery flourish under his leadership.
Drs. Lee and Vazquez host space university students

Surgeons Peter H.U. Lee, MD, PhD, MPH and Daniel E. Vazquez, MD recently hosted scholars from the International Space University (ISU) during the July 15 Space Medicine and Surgery Workshop held at The Ohio State University Wexner Medical Center. Drs. Lee and Vazquez directed the workshop which featured tours of the Clinical Skills and Simulation Center and the New James Cancer Hospital, two hands-on training sessions, and an opportunity to explore the da Vinci robotic surgery console. Twenty-three scholars participated in the workshop.

The International Space University is a non-profit institute that provides graduate-level training to the future leaders of the emerging space community. Since being founded in 1987, the ISU, located near Strasbourg, France, has graduated over 3,900 students from more than 100 countries. “The school’s program is based on the 3-I principle: Interdisciplinary, Intercultural and International,” explains Dr. Lee. The goal is for graduates to learn to solve the complex problems that occur in space by collaborating within a diverse, multidisciplinary workforce with a mutual respect for cultural differences.

One of the workshop sessions focused on telesurgery in the context of the difference between operating on earth versus in space. The students practiced laparoscopic techniques in a time-delayed OR protocol. “In space a surgeon is isolated, often alone, with limited resources and in a confined space. In a telemedicine setting, data and instructions are time-delayed due to the distance from earth and the bandwidth of telecommunications,” said Dr. Lee. Surgeons in space must also cope with the effects of operating in zero gravity. Overcoming these challenges has applications in both outer space and in underserved communities.

Drs. Lee and Vazquez have been colleagues for more than 20 years and their careers have many parallels. They both earned their undergraduate and medical degrees at Brown University and both have a strong interest in space travel. Each earned a Master of Science degree from the International Space University and have previously collaborated as members of the NASA Zero Gravity Research Team and both had applied to NASA’s astronaut training program. “It’s a happy coincidence that we both ended up at Ohio State,” said Lee. Dr. Vazquez added, “I consider Dr. Lee a mentor in this field and I hope we continue to collaborate in the future.”

Dr. Lee is assistant professor of surgery in the Division of Cardiac Surgery. He joined the faculty in 2013. Dr. Vazquez is assistant professor of surgery in the Division of Trauma, Critical Care and Burn. He joined the faculty in 2014 following the completion of the surgical critical care fellowship at OSU.
Regenerative Medicine

Join us for the 9th Annual Translational to Clinical (T2C) Regenerative Wound Care Conference

It is time once again for one of the three signature events of the Center for Regenerative Medicine and Cell Based Therapies. The 9th Annual Translational to Clinical (T2C) Regenerative Medicine Wound Care Conference will be held on March 17-19, 2016 at the Ohio Union. The T2C meeting started eight years ago with a focus on wound care and now has evolved to incorporate the latest cutting edge advances in regenerative medicine not only in wound care, but many aspects of medicine. We assemble top level national experts in an academic medical center setting such that participants may include a large number of students, clinicians and researchers who are currently or seeking to work in this area. The conference looks to promote knowledge dissemination and advancement in the emerging field of regenerative medicine in stem cell therapies, imaging, tissue engineering and wound care.

Summary Agenda:

Day One:
• Opening Remarks: Sheldon M. Retchin, MD, MSPH, Executive Vice President of Health Sciences, The Ohio State University, Chief Executive Officer, OSU Wexner Medical Center and E. Christopher Ellison, MD, Interim Dean, College of Medicine
• Eight Department of Defense Leadership Presentations
• CRMCBT Ted Talks – 15 CRMCBT Faculty Presentations
• Reception

Day Two:
• Key Note Speaker: Joseph Vacanti, MD, FASC, Professor of Surgery at Harvard Medical School, Director of the Laboratory for Tissue Engineering and Organ Fabrication, Co-director of the Center for Regenerative Medicine, Chief of pediatric transplantation at Massachusetts General Hospital, Boston, Recipient of the 2015 Jacobson Innovations Award of the American College of Surgeons
• Industry Summit - Eight leading edge industry research presentations with audience response

Day Three:
• Leading Regenerative Medicine/Wound Care Researcher Presentations
• Clinical Nurse Wound CME Course

NEW THIS YEAR: We are dedicating the March 17th session to regenerative and restorative medicine innovators from the Military, Department of Defense, Veteran’s Affairs and key research agencies of the U.S. Government. The OSU CRMCBT's new pillar initiative MISSION CAIRRS (Consortium for Advancement and Innovations in Restorative and Regenerative Solutions) will host the day’s events. Attendees will leave with an appreciation and understanding of extraordinary DOD research and more importantly where needs still exist for OSU engagement.

OSU CRMCBT Ted Talks and Posters: Within in the coming weeks, we will be opening up the Abstract Submission Portal on the conference website. CRMCBT Ted Talk presenters will be selected from submitted abstracts. Visiting DOD leadership is very interested in the CRMCBT portfolio of research, so please plan to submit multiple abstracts.

For more information, please visit www.regenerativemedicineconference.osu.edu or email brent.toto@osumc.edu.
Center for Healthy Weight and Nutrition achieves national accreditation

Nationwide Children’s Hospital’s Center for Healthy Weight and Nutrition recently achieved Adolescent Center accreditation by the joint American College of Surgeons (ACS) and the American Society for Metabolic and Bariatric Surgery (ASMBs) and Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP). This nationally accredited certification acknowledges Nationwide Children’s commitment to providing and supporting quality improvement and patient safety efforts for severely obese adolescent patients undergoing metabolic and bariatric surgery. Nationwide Children’s is the first free-standing adolescent center in the country to achieve this important certification.

The MBSAQIP Standards, outlined in the Resources for Optimal Care of the Metabolic and Bariatric Surgery Patient 2014 (www.facs.org/quality-programs/mbsaqip/standards) ensure that bariatric surgical patients receive care at institutions that demonstrate significant commitment to providing a safe environment for the treatment of the obese population, including the use of a multidisciplinary care model designed to improve patient outcomes and long-term success following bariatric surgery.

“We are proud to receive this recognition that highlights our program’s commitment to quality and patient safety,” said Marc Michalsky, MD, surgical director for the Center for Healthy Weight and Nutrition. “Obesity increases the risk of morbidity and mortality as a result of diseases and conditions that are commonly associated with it, such as type 2 diabetes, hypertension, and cardiovascular disease, among other health-related risks. Through a multidisciplinary approach to bariatric surgery, our team is able to help severely obese teens achieve healthy weight status and reduce risk factors from numerous obesity-related conditions.”

To earn the MBSAQIP designation, Nationwide Children’s met essential criteria for staffing, training and facility infrastructure and defined clinical care protocols designed to ensure safe and effective surgical weight loss. As an MBSAQIP-designated adolescent center, Nationwide Children’s participates in a national data registry that yields semiannual risk-adjusted reports on the quality of its processes and long-term outcomes. In doing so, the center is able to identify important opportunities for continuous quality improvement and improved patient care.

After submitting an application, centers seeking MBSAQIP Accreditation undergo an extensive on-site review designed to examine the center’s overall structure, process, and clinical outcomes data. Centers are awarded a specific designation depending on how many patients it serves annually, the type of procedures it performs, and whether the center provides care for patients under the age of 18 years.

The MBSAQIP accreditation standards, represent a collaborative effort between ACS and ASMBs, and were fully implemented in early 2015. In addition to replacing previous bariatric surgery accreditation standards, the new program provides a separate designation for centers that provide care to adolescent patients (less than 18 years of age).

To learn more about Nationwide Children’s Bariatric Surgery program, visit nationwidechildrens.org/bariatric-surgery

Families who are interested in learning if bariatric surgery is an appropriate option can sign up for free online information sessions by visiting healthyweight.nationwidechildrens.org
ICG mapping provides improved visualization

By Andrew Suzo, BS, CCRP, clinical research coordinator

In 2012, Co-investigators W. Scott Melvin, MD and Vimal K. Narula, MD, and the Center for Minimally Invasive Surgery (CMIS) faculty began its investigation of a novel imaging technique using intravenous administration of indocyanine green (ICG), a fluorescent dye metabolized in the liver and excreted in bile, to assess for safety and efficacy when visualizing biliary anatomy during laparoscopic cholecystectomy. The effort was funded by a research grant awarded by the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) to then CMIS research fellow Mark R. Wendling, MD.

The stimulus for this investigation was to enhance prevention efforts of bile duct injury (BDI), the major cause for morbidity during laparoscopic cholecystectomy. Although morbidity is reported at less than 1.0%, the high volume of these procedures being performed annually makes BDI rates an important target for improvement. Adequate visualization of the biliary anatomy during surgery is crucial to preventing BDI and helps to detect them when they occur. This study was initiated to determine the safety of NIRF-C technology and whether it could be used as a more efficient alternative to IOC.

The results of the study showed a significantly higher identification rate of the cystic duct with NIRF-C versus IOC (95.1 and 72.0%, respectively). In addition, IOC was unable to be performed and thus ineffective in 24% of participants, for which NIRF-C provided successful visualization in 80% of those cases. Finally, NIRF-C was found to require significantly less time than IOC (1.9 vs 11.8 minutes, respectively). With no complications occurring during the study, it was concluded that NIRF-C is a safe and effective modality for visualizing extrahepatic biliary anatomy during laparoscopic cholecystectomy.

The findings of this study were presented at SAGES 2014 and published in Surgical Endoscopy February 2015. The NIRF-C technology (Stryker®) used to detect ICG during this study is not currently available for clinical use in laparoscopic cholecystectomy.
Pelotonia

Riding for a Cure

Many Department of Surgery faculty, fellows, residents and staff took part in Pelotonia 2015 to raise donations for cancer research. Most joined the peloton “Team Buckeye-OSU Surgical Oncology and Friends”, led by Doreen Agnese, MD, associate professor of surgery, Division of Surgical Oncology. Several riders shared their stories and photos from the August 8-9 event. Dr. Agnese, who shared many of the following photos said, “This year, our team had 82 members (55 riders, 21 virtual riders, and 6 volunteers) and raised over $91,000!”

Anne Strohecker, Ph.D, assistant professor, Department of Molecular Virology, Immunology, and Medical Genetics, Department of Surgery, Division of Surgical Oncology and Dr. Jennifer Leight rode in their first Pelotonia. “We did the 50 mile route and had a great time as part of Team Buckeye/Surgical Oncology and Friends Peloton.” Drs. Leight and Strohecker are members of the Solid Tumor Program within the James Cancer Center. (photos)

Carl Schmidt, MD and friend Kevin rode the 100 miles this year in honor of Dr. James Mezhir, a surgical oncologist who has cancer and is going through a difficult time.

“At the finish, I noticed a man holding a sign saying he was treated at The James and he is a Michigan grad like me. It turns out he was one of Dr. Mark Bloomston’s patients. He is very thankful for all of the care he received at OSU! I couldn’t get him to say Go Bucks but again he had nothing but praise for OSU.”

Chris Kaiser, COO of the OSU Physicians, Inc., has ridden the full distance for each of the seven years that Pelotonia has been held, for a total of 1,260 miles. Chris has raised a total of $20,776 in donations. Chris shared other statistics: 7,981 riders and over 2,700 volunteers participated in Pelotonia 2015, raising over $13.6 million, with over $2.26 million raised by Team Buckeye.

From Marci Meadows, administrative assistant, Division of Trauma, Critical Care and Burn: “All of the efforts for training, fundraising, less sleep and more sweat have been well worth the effort. It was an exciting day, we had beautiful

See “PELOTONIA” continued on page 9
New Faculty

The Division of General and Gastrointestinal Surgery welcomes new faculty member Daniel Gallego-Perez, PhD, who joined the division on September 1. Dr. Gallego-Perez earned his PhD in Biomedical Engineering from The Ohio State University. Prior to joining the faculty he served as a postdoctoral researcher for the OSU Nanoscale Science and Engineering Center and the Center for Regenerative Medicine and Cell-Based Therapies. His mentors were Dr. L. James Lee and Dr. Chandan Sen. Dr. Gallego-Perez’s research focuses on using micro and nanoscale technologies to manipulate the cellular microenvironment and control cell behavior, currently within the context of better characterizing cancerous cells. His interests include nanotechnology, biologically based electronics, tissue engineering, cell therapy and implant surface engineering.

Pelotonia (continued from page 7)

weather and the event organizers did a fantastic job. It is so humbling to see all of the survivors on the route cheering us on. I wanted to get off my bike every time I saw one of their shirts or signs and give them a big hug and tell them that everything is going to be alright. It was a very emotional day. This was my sixth year riding. Because of generous donations by many friends, family and co-workers I have been able to raise over $15,500 in the six years of riding. This year was the most I have collected which put me in a High Roller status.

The Pelotonia funds research that benefits so many who are affected by cancer and its devastating diagnosis. I never thought that it would help someone in my own family. My brother Ted was diagnosed about 5 months ago with mantle cell lymphoma. He found a small growth in his neck and insisted that his family doctor examined it. He went to an ENT in Houston TX who then sent him to an oncologist. A biopsy revealed the lymphoma. He was devastated, being only 47 years old with no family history of lymphoma. They sent him to a specialist at MD Anderson who offered him a few different treatment options. Because of his age and that it is a slow growing tumor he was enrolled in a clinical trial for Ibrutinib (Imbruvica) that is being conducted right here at OSU, led by John C. Byrd. The trial was mentioned in Pelotonia Special Edition 2014 (page 6). http://cancer.osu.edu/~media/Files/Cancer/About/Publications/Frontiers/2014/Frontiers-Pelotonia-2014.pdf?la=en

I was already dedicated to riding for cancer research, but I have even more reason to ride! The work here at OSU and the James is helping people all over the world and even in my own family. I want to say Thank You to Pelotonia, The James, all of the researchers, riders, volunteers, supporters for giving me and many others the opportunity to raise money for cancer research. My mother was also diagnosed with bone cancer about two months ago and she is now in treatment in Michigan. I ride for her too!”
Lecture named for Dr. Caniano

Dr. Steven Steinberg, interim chairman of the Department of Surgery announced the establishment of the Donna A. Caniano, MD Lectureship during Dr. Caniano’s visiting professor Surgery Grand Rounds, October 15. The lecture series has the goal of increasing awareness of surgery as a career option for women and underrepresented populations.

Dr. Caniano is a member of the field staff for the Accreditation Council for Graduate Medical Education (ACGME), where she also serves as a field staff member of the ACGME G-8 Leadership Council. In her position as field staff she conducts site visits at residency programs across the United States. She is the first pediatric surgeon hired by the ACGME for such a position. Prior to her retirement in 2010, Dr. Caniano, served as professor of surgery and chief of the Division of Pediatric Surgery at The Ohio State University Department of Surgery; and as the H. William Clatworthy, Jr. Professor in Pediatric Surgery and surgeon-in-chief at Nationwide Children’s Hospital. She served at these institutions for more than 25 years, and has a special interest in career mentoring.

Master of Medical Science Program News

First year Master of Medical Science Program candidates recently competed for the James King Scholarship. Bestowed by the James King Society, this award honors the memory and vision of Dr. James D. King, a surgeon-scientist who trained at Ohio State and received the first doctoral degree in surgical research ever presented by the University. The award was established by an endowment from Dr. King’s son, Richard King, MD, while he was a chief resident in general surgery. Awardees receive a cash grant to use for educational purposes in their research training.

The James D. King Research Award promotes scientific excellence for surgeons in training. Other purposes for the award are to ensure that the master student works with his/her advisor to develop a clear research project plan; to provide an opportunity for the student to receive external critique; to provide the student with oral presentation experience; and to promote interaction with other students.

Taehwan Yoo, MD, general surgery resident and MMSP candidate, is this year’s James King Awardee, and will receive a $2,500 grant.

Left to right: MMSP candidates Dr. Chris McQuinn, Dr. Eliza Beal and Dr. Nakesha King, mentor Dr. Greg Lesinski, James King Scholar Dr. Taehwan Yoo, MMSP director Dr. Ginny Bumgardner, MMSP candidates Dr. Shayna Brathwaite, Dr. David Strosberg and Dr. Michelle Nguyen.
Congratulations to **Eliza Beal, MD** of receiving the American Association for the Study of Liver Disease (AASLD) Emerging Liver Scholar Resident Travel Award. Dr. Beal and her mentor have been selected to attend The Liver Meeting 2015 at the AASLD 66th Annual Meeting, held November 13-17 in San Francisco, California.

Congratulations to **Shayna Brathwaite, MD** on receiving the 2015 NIH/NMA Travel Award. This award covered all travel expenses to the 114th National Medical Association Convention & Scientific Symposium in Detroit, Michigan August 1-5, 2015.

Congratulations to **Daniel Lodwick, MD** on receiving the SUS Karl Storz Resident Research Scholarship Award ($30,000) for his project entitled, “Radiation Dose Tracking in Computed Tomography”.

Congratulations to **Michelle Nguyen, MD** on receiving the AAMC Learning Health System Pioneer Award ($10,000) for her project entitled, “The cost of quality: how do we calculate value-based care?” Dr. Nguyen is also the recipient of the Center for Integrative Health & Wellness (CIHW) Buckeye Pilot Research Grant ($7,500) for her project entitled, “Improving patient safety and satisfaction by decreasing physician burnout.”

Congratulations to **Terry Rager, MD MS** on his upcoming presentation of his paper, “Exosomes Secreted from Bone Marrow-Derived Mesenchymal Stem Cells Protect the Intestines from Experimental NEC”, at the 2015 AAP National Conference & Exhibition being held in Washington, D.C.

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**Save the Date**

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

**Friday, November 13, 2015**

**Controversies in Vascular Diseases**

**Saturday, November 14, 2015**

**Eighth Annual Noninvasive Testing Symposium**

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

Category 1 CME will be available for physicians, nurses and sonographers.

**Contact:**
Dawn Sagle at 614-293-8536
or Dawn.Sagle@osumc.edu
In Brief

Recognitions

Jonathan Groner, MD, professor of surgery, Division of Pediatric Surgery has been elected to the office of President-elect of the Pediatric Trauma Society (PTS). His service as President-elect will begin at the conclusion of the Annual Meeting, held November 6-7, and is a one-year term followed by one-year term as President and a final year as President-elect concluding in 2018.

Larry M. Jones, MD, professor of surgery and director of the OSU Burn Center, was appointed to the Admissions Committee of The Ohio State University College of Medicine.

Susan Moffatt-Bruce, MD, PhD, associate professor of surgery, Division of Thoracic Surgery and chief quality and patient safety officer traveled to Thailand in August as part of her James IV fellowship. The James IV Association of Surgeons was founded in 1957 to increase ties between surgeons in Great Britain and the United States. An important function of the Association is to sponsor visiting fellowship opportunities for outstanding young surgeons from and to member countries to promote the exchange of surgical knowledge and foster the friendships. Dr. Moffatt-Bruce visited Thailand with members of the Association of Women Surgeons (AWS), a chapter of the American College of Surgeons. Her travels included Singapore and Melbourne, Australia.


David Renton, MD, assistant professor of surgery, Division of General and Gastrointestinal Surgery, has been appointed as chief of surgery at OSU Hospitals East.

Bhagwan Satiani, MD, professor of surgery has been reappointed to the Commission on Minority Health for a term beginning Sept. 18, 2015, and ending Sept. 2, 2017.

Dr. Satiani was also presented with the Outstanding Service Award for extraordinary service, dedication and making a difference in the community by the Asha-Ray of Hope organization. ASHA-Ray of Hope is a non-profit, community-based organization that works with victims of domestic violence in the South Asian community. Dr. Satiani was presented with the award on September 26.

Vascular Surgery awarded for patient satisfaction

The physicians and care team of the Division of Vascular Diseases and Surgery at Ohio State have received the Patient Satisfaction Achievement Award for the 4th quarter of fiscal year 2015. The team scored above the 90th percentile nationwide for overall patient satisfaction. This excellence in care supports the Wexner Medical Center’s commitment to personalized health care and to improving people’s lives. The Division received a plaque recognizing this achievement.

Castle Connolly Medical Ltd recognizes Michael Go MD, Jean Starr MD and Patrick Vaccaro MD, MBA as Top Doctors 2015 in Vascular Surgery.
Errata – August 2015 issue

Dr. Larry Jones’ title was incorrectly given. He is professor of surgery.

In the news

Larry M. Jones, MD, professor of surgery and director of the OSU Burn Center was interviewed by WBNS-TV/10 (Columbus, OH), about summer safety tips such as keeping children away from hot grill and also serious burns that can result from injuries using fireworks and sparklers, broadcast July 3-4, 2015.

Dr. Jones also recorded a Medical Xpress podcast “Protein-Rich Nutrition Key to Helping Burn Patients, an interview on the effects of a high protein diet on burn recovery” that was broadcast nationally July 23-24, 2015 by the following stations: KCAL-TV (Los Angeles, CA), KCBS-TV (Los Angeles, CA), WGN-TV (Chicago, IL), WTIC-TV (Hartford-New Haven, CT), and WSJV-TV (South Bend, IN).

Raphael Pollock, MD, PhD, professor of surgery, director of the Division of Surgical Oncology, vice chair of Clinical Affairs and chief of Surgical Services was invited to speak at the Ohio Statehouse at a press event supporting NIH research funding. The press conference was held by the American Cancer Society Cancer Action Network (ACS CAN) on Tuesday, August 25. Dr. Pollock was among other physicians and scientists that addressed funding concerns such as the lost opportunities from diminished levels of NIH research funding allocation and pointed out the return on investment for this research funding in terms of lives saved, economic development, and health cost efficiencies. Speakers also briefly explain the type of research they are conducting and the funding barriers they have encountered.

Organizers have collected over 6,000 petitions from across Ohio, urging Ohio Senators to support more funding for Cancer Research through the National Cancer Institute. Following the press conference the petitions were delivered to Ohio Senators Sherrod Brown’s and Rob Portman’s offices.

Chandan Sen, PhD, professor of surgery and vice chair of research was interviewed on building relations with India in the Sunday, August 2 Columbus Dispatch.

http://www.dispatch.com/content/stories/business/2015/08/02/01-doctor-uses-roots-to-build-osu-relations.html

Grants


The Institute for the Development of Environments Aligned for Patient Safety (IDEA4PS) is proposed as an interdisciplinary approach to identify and explore how feedback of information can be used to inform the development of robust practices that lead to improved patient safety. Our Institute seeks to improve clinical practice by designing, testing and exploring the type and kind of information flows that result in adaptation of the health care work environment.

Stakeholder engagement, including work with clinicians, managers and patients has identified a significant chasm between what we know and how we respond, however our work is preliminary at this stage. What we do know is that the technology linked to care has created an environment where alarms have become white noise. We know that information difficult to decode in meaningful ways. The resultant information chaos has implications for patient safety.

Accordingly, we have two overarching Specific Aims for this application:

Specific Aim 1: Institute Infrastructure: Develop IDEA4PS through creation of three infrastructure cores.

Core A: Administration and Implementation: will provide administrative, fiscal and management services as well as coordinate developmental activities for Institute investigators and collaborators. Additionally, and more central to the laboratory, Core A will lead the implementation and

continued on page 14
evaluation efforts that will occur as Institute innovations become ready for real-world testing.

Core B: Human Factors and Systems Engineering: will offer cross-cutting multidisciplinary design and human factors and usability expertise across all projects focused on measuring, assessing and improving the context in which practice happens.

Core C: Informatics, Analytics and Data Core: will support the linkage of data to practice through the identification of meaningful information found within the data morass, seeking to resolve the DRIP problem (Data Rich – Information Poor) by leveraging data to measure and improve outcomes.

Specific Aim 2: Research Projects: Conduct three innovative research projects designed to address patient safety issues in inpatient care.

Project 1: Telemetry and Alarms (PI: Susan Moffatt-Bruce, Emily Patterson): Focusing on the manner in which information is provided to clinicians, Project 1 will focus to the signal to noise problem experienced by clinicians, seeking to improve what engineers call the signal to noise ratio, thereby allowing clinicians to focus on meaningful events over the din of background noise, leading to an improvement in the safety and care quality

Project 2: Surveillance Hot Spotting (PI: Courtney Herbert, Albert Lai): This project focuses specifically on hospital-acquired infections (HAIs). Despite the widespread use of EHRs, many hospitals continue to perform infection control surveillance retrospectively and often through manual review of records, which is both time-consuming and labor intensive. Project 2 proposes to explore this problem and its potential solutions by developing interfaces that allow for the exploration of real-time results to recognize concerning trends sooner, in order to implement timely and effective interventions through the use of tools such as digital hotspotting.

Project 3: Crew Resource Management and Inpatient Portal Information (PI: Ann McAlearney, Tim Huerta): We seek to explore the impact of new information flows coming from the inpatient portal recently introduced at OSUWMC, and implement a workflow redesign process through the structure of Crew Resource Management, a proven approach focused on patient safety improvement.

IDEA4PS seeks to use systems approaches to bring together multidisciplinary teams to generate new ways of thinking with respect to the design of feedback to the environment of care in alignment with systems dynamics. Our projects are bound closely together by the costly harms associated with information problems. In focusing on information as opposed to a specific patient safety challenge, we expect to create generalizable experiential knowledge that will be invaluable in improving patient safety. Parallel to this program project grant, we are also completing work as a R01 and R21 as follows:


High Touch and High Tech (HT2): Transforming Patient Engagement Throughout the Continuum of Care by Engaging Patients with Portal Technology at the Bedside.


Portals in Inpatient Care (PIC): Evaluating the Usability, Use and Patient Experience Associated with Patient Portal Technology at the Bedside.

Publications Highlight

A paper from Dr. Renzhi Han’s laboratory is accepted for publication in Molecular Therapy today. In this paper, researchers provided the first evidence to demonstrate that the genetic defect in a mouse model of Duchenne muscular dystrophy, a deadly genetic disorder affecting about one every 3500 new male births, can be corrected at the genomic DNA level in postnatal animals with the use of CRISPR, a novel genome editing technology. Moreover, work demonstrated that the rescued dystrophin expression functionally corrects muscle membrane defect and normalizes intracellular calcium signaling. These findings demonstrate that the disease-causing mutations in patients with DMD could potentially be permanently corrected with the use of CRISPR. The title is “CRISPR-mediated genome editing restores dystrophin expression and function in mdx mice.” Dr. Han is an associate professor in the Division of Cardiac Surgery.

Authors: Li Xu, Ki Ho Park, Lixia Zhao, Jing Xu, Mona El Refaey, Yandi Gao, Hua Zhu, Jianjie Ma, and Renzhi Han
Book Chapters


Journal Articles


Meyerson JM, Coffey R, Jones LM, Miller SF. Burn Center Barrier Protocols During Dressing Change: A National Survey. J Burn Care Res. July/August 2015; 36(4); e238-43


Tarima S, Ertl A, Groner JI, Cassidy LD. Factors associated with patients transferred from undesignated trauma centers to trauma centers. *J Trauma Acute Care Surg*. 2015 Sep;79(3):378-385


National Presentations

**Besner G.** Saving Your NEC: Research Challenges and Opportunities. Duke Surgery Grand Rounds, Durham, NC, September 30, 2015 Read by Dr. Besner


**Evans D.** Keynote Speaker, “Preoperative Nutrition Optimization” Malnutrition Symposium, Baylor St. Luke’s Medical Center, Texas Medical Center, Houston, TX, October 2, 2015

**Go MR.** Moderated Rapid Fire Session I at the Midwestern Vascular Surgical Society. Chicago, IL, September 10-12, 2015

**Go MR.** Attendee Society for Vascular Surgery Postgraduate Education Committee Meeting, New York, NY, November 18, 2015


**Liu Y, Rager T, Cromeens B, Johnson J, Chakroff J, Besner G.** Comparison of Different in vivo Incubation Sites for Production of Tissue Engineered Intestine. 4th Tissue Engineering and Regenerative Medicine International Society (TERMIS) World Congress Annual Conference and Exposition, Boston, MA, September 8, 2015 Presented by Dr. Liu


**Navarro J, Olson J, Mashburn-Warren L, Besner G, Goodman S.** A novel probiotic formulation utilizing dextranomer microspheres reduces the incidence of necrotizing enterocolitis. 22nd Annual Midwest Microbial Pathogenesis Conference, August 28, 2015, Indianapolis, IN Presented by Dr. Navarro


Prakash S, Satiani B. Dissatisfaction with Compensation and Academic Careers may force Assistant Professor Vascular Surgeon to Abandon Academic Practice. Midwestern Vascular Surgical Society. Chicago, IL, September 10-12, 2015

Rager T, Olson J, Besner G. Exosomes Secreted from Bone Marrow-Derived Mesenchymal Stem Cells Protect Intestines from Experimental NEC. American Academy of Pediatrics, Section on Surgery, October 24, 2015, Washington DC Read by Dr. Rager

Rink C. Prosthesis Suspension and Amputee Health, Center for the Intrepid, San Antonio, TX, July 15, 2015

Rink C. Residual Limb Health Outcomes in Response to Elevated Vacuum Suspension, Military Health System Research Symposium, Ft. Lauderdale, FL, August 19, 2015


Starr JE. Complex Endovascular Techniques and Atherectomy. Chicago Endovascular Conference, Chicago, IL, July 8-11, 2015

Starr JE. Dealing with Disasters & Complications. Chicago Endovascular Conference, Chicago, IL, July 8-11, 2015

Starr JE. Complex cases and complications case review. Chicago Endovascular Conference, Chicago, IL, July 8-11, 2015


Starr JE. Moderator. Medtronic Fellow Tech Exchange, Minneapolis, MN, October 16-17, 2015

Vaccaro PS. Aorto-Iliac Occlusion Disease is Best Treated with Open Surgery vs Percutaneous Intervention (Pro). Midwestern Vascular Surgical Society Meeting, Chicago, IL, September 12, 2015

Vaccaro PS. Moderator Rapid Fire Session IV at the Midwestern Vascular Surgical Society. Chicago, IL, September 10-12, 2015

Vaccaro PS. Aorto-Iliac Occlusion Disease is Best Treated with Open Surgery vs Percutaneous Intervention (Pro). Midwestern Vascular Surgical Society Meeting, Chicago, IL, September 12, 2015

Vaccaro PS. Moderator Rapid Fire Session IV at the Midwestern Vascular Surgical Society. Chicago, IL, September 10-12, 2015

Local Presentations

Bailey JK. “Burns.” Basic science lecture to junior residents in General Surgery Training Program, The Ohio State University, Columbus, OH, September 17, 2015

Bigley A. Initial Burn Care. Trauma Tactics. Mount Carmel Medical Center, Columbus, OH, September 17, 2015

Bigley A. Initial Burn Care. Trauma Tactics. Doctors Hospital, Columbus, OH, September 18, 2015

Coffey R. Burn Patient Presentation. Swartz Rounds. The Ohio State University, Columbus, OH, August 7, 2015

Coffey R. Initial Burn Care. Trauma Tactics. Ohio State University Wexner Medical Center, Columbus, OH, September 15, 2015


Evans D. Human Nutrition Dietetic Internship Program, College of Human Ecology. The Ohio State University, Columbus, OH, August 31, 2015


Go MR. Diabetic Vascular Disease. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, September 14, 2015

Go MR. Discharge teaching and expectations. The Ohio State University Wexner Medical Center, Ross 5th Floor In-Service, Columbus, OH, September 23, 2015

Haurani MJ. Vascular access and basic science of hemodialysis access. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, July 20, 2015

Jones LM. Course Director, Advanced Trauma Life Support Refresher Course, Central Ohio Trauma Systems, Columbus, OH, July 09, 2015

Jones LM. Course Director, Advanced Trauma Life Support Provider Course, Central Ohio Trauma Systems, Columbus, OH, September 16 and 17, 2015

Kool S. Drugs in Vascular Disease. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, September 21, 2015

Michalsky M. Cromeens B, Besner G. Intestinal Enteroids as a Potential Tissue Source for the Production of Tissue Engineered Intestine. Summer Student Poster Competition, Research Institute at Nationwide Children’s Hospital, Columbus, OH, August 7, 2015 Presented by M. Michalsky.

Starr JE. Acute arterial occlusion. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, August 17, 2015

Satiani B. Healthcare changes in 2015. The Ohio State University Wexner Medical Center, Department of Surgery, Seminar in Practice Management, Columbus, OH, July 9, 2015

Satiani B. Upper extremity venous duplex scanning. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, August 10, 2015

Satiani B. Medicare and Medicaid. The Ohio State University Wexner Medical Center, Department of Surgery, Seminars in Practice Management, Columbus, OH, August 13, 2015

Satiani B. “Diversity & Inclusion: A Leadership Imperative.” Nationwide Children’s Hospital, Medical Leadership Program, Columbus, OH, August 24, 2015

Vaccaro PS. Diagnosis & management of miscellaneous vasculogenic problems. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, July 6, 2015

Vaccaro PS. Compartment Syndrome. The Ross Heart Hospital, 5th Floor InService, Columbus, OH, July 29, 2015

Vaccaro PS. Moderator: Vascular Small Group. The Ohio State University Wexner Medical Center, Department of Surgery, Med III Students, Columbus, OH, August 4, 2015

**Miscellaneous**

The Society of Fire Protection Engineers held its 26th annual golf outing to benefit the OSU Comprehensive Burn Center on September 21 at the Scioto Reserve Country Club in Powell, Ohio. This year’s event raised $30,000 for the burn development fund.

A car show to benefit the Ohio State University Comprehensive Burn Center’s development fund was held on August 29, 2015 in Pickerington, Ohio. This event was organized by a former patient of the Burn Center.