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Advantages include a decreased risk of infection and less pain.

MINIMALLY INVASIVE SURGERY

OSU Surgeon first to perform procedure

A surgical team at the Ohio State University Medical Center became one of the first in the nation to remove a patient’s gall bladder transvaginally. The advanced surgery technique decreases pain, reduces the risk of infection or a subsequent hernia, and leaves no scar.

The procedure was performed on a 42-year-old Columbus woman and is part of a pilot study leading up to the first human multi-center trial in the world comparing laparoscopic and transvaginal natural orifice surgery.

In 2006, Ohio State surgeons were among the first in the country to use the incisionless technology for diagnosing abdominal malignancies and cancer staging through the mouth. The technique allowed a flexible endoscopy tube encasing a fiber-optic camera and remote-controlled surgical cutting tool to pierce the stomach wall for performing delicate surgical procedures. This particular procedure has been performed in more than 120 patients at Ohio State.

Dr. Vimal Narula, the surgeon who performed the first transvaginal gallbladder removal at Ohio State, says the successful procedure shows the potential of natural orifice transluminal endoscopic surgery (NOTES). “OSU Medical Center is one of the few programs in the country with a leading role in a novel study to examine the use of natural orifice surgery as another emerging technology within the field of minimally invasive therapy,” said Narula. The trial is sponsored by the Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR).

Advantages to natural orifice surgery include a decreased risk of infection and less pain, according to Narula. “Because the incision used to extract the gallbladder is located inside the body where there are no nerve endings, there is no sensation of pain,” said Narula. “The only discomfort may come from a small incision at the naval where a small endoscopic camera is inserted to provide visibility to the surgeon while he uses the laparoscopic instruments.”

Other advantages to the surgery are that it reduces the risk of a hernia later and patients have no visible scarring. Most patients can go home the same day or the following morning.

Patients selected for the pilot procedure are carefully chosen and must be otherwise healthy and height-weight proportionate.

(OSU Medical Center Department of Strategic Communications & Marketing)
Higgins shares vision at town meeting

Dr. Robert S. D. Higgins, the John H. and Mildred C. Lumley Medical Research Chair, professor of surgery; director, Comprehensive Transplant Center; and chief, Division of Cardiac Surgery, shared his vision for the future of Ohio State’s Comprehensive Transplant Center at a recent town meeting held at the OSU Medical Center. He was introduced by Dr. Steven G. Gabbe, senior vice president for health sciences and CEO of the OSU Medical Center. During his introduction Dr. Gabbe stressed the importance of the transplant center by mentioning a patient who has survived more than 19 years post transplant and the impact that type of success has on the families of our community.

Dr. Higgins explained that the many steps of his career led him to this position at OSU. Prior to his current appointment he was chair of the Department of Cardiovascular-Thoracic Surgery at Rush University Medical Center in Chicago, Illinois. Although happy at Rush, Dr. Higgins said that he was aware of the national reputation of OSU’s transplant program and of the Ross Heart Hospital. “The position at OSU seems like a good fit.” He sees an opportunity for growth and development, saying that OSU’s transplant program has the potential to go from a nationally recognized program to a “top 10” program. Quoting OSU president Dr. E. Gordon Gee, Higgins’ goal is to take the transplant program “from excellence to eminence.”

Dr. Higgins listed his priorities as: 1.) reactivating the lung transplant program at OSU, and 2.) achieving critical success factors in multi-organ transplantations. Other goals include raising donor awareness and registration, and promoting the huge impact and life-saving potential the program holds for the Midwest region.

The OSU Comprehensive Transplant Center is the only program of its kind in the central Ohio area and 1 of only 254 transplant programs nationally. Over 7,000 life-saving transplantations have been performed at Ohio State since the program’s inception in 1967. ✤
RESEARCH

Microsurgery in the Laboratory: Cutting Cells out of Tissue

Researchers can save time and money while capturing very relevant data by taking advantage of the laser capture microdissection (LCM) technology available at the Laser Capture Molecular Analysis Core. The core is directed by Dr. Sashwati Roy and managed by Dr. Sabyasachi Biswas. The core is a part of the Novel Clinical & Translational Methodologies Program, directed Dr. Chandan Sen, professor of surgery.

This exciting technology was developed at the National Institute of Health to overcome the heterogeneity of tissue to isolate specific and pure populations of cells. The LCM core utilizes a state-of-the-art PALM Microbeam system that features laser microdissection and pressure catapulting (LMPC). In LMPC the biological material is placed on a polyethylene naphthalate (PEN) membrane covered glass slide. The microscope-based technique locates and marks the specific tissue to be sampled and a tightly focused laser beam is used to cut the PEN membrane and the material. A defocused laser beam is then used to “pressure catapult” the cut membrane with cells into a sample collector. The system allows for samples to be taken at the cellular level. The huge advantage of this technology is that a very specific tissue sample is obtained, without contamination. The speed of the process also allows for the preservation RNA for analysis.

Researchers may obtain a $100 credit for future core use by citing “Laser capture microdissection and subsequent analysis was performed at the Laser Capture Molecular Core of The Ohio State University Medical Center” in the METHODS section of their manuscript. Details regarding the credit, core policies and fees, and for equipment training and scheduling can be found at https://lcm.osu.edu/index.cfm. The core is located in the Biomedical Research Tower.
SPOTLIGHT ON STAFF

Heidi Pieper

Surgery housestaff at Ohio State have a great resource and strong advocate in Heidi Pieper. Heidi is the general surgery residency coordinator for the Department of Surgery and her job is to help residents and fellows smoothly navigate the Department’s programs.

At the suggestion of a friend, Heidi began working part-time in the Department of Surgery while an undergraduate at OSU. After graduating in 2004 with a Bachelor’s Degree in English education, Heidi left Ohio State briefly, returning in 2005 to accept her current full-time position.

Heidi coordinates many activities of the general surgery residency program, including program accreditation, housestaff credentialing, resident compliance with requirements, didactic conferences, and managing the resident website and on-line curricula. She also works closely with Dr. Ginny Bumgardner, professor of surgery in the Division of Transplantation, and associate dean, Research Education & Graduate Studies, managing the Master’s of Medical Science Program (MMSP) for the university. The majority of general surgery residents complete the MMSP. Heidi helps all candidates with grant applications, manages their program requirements, advises on course selection and acts as a program liaison with the College of Medicine.

Dr. Jon Henry, a general surgery resident currently in the MMSP, stated, “Heidi is truly integral to our success throughout the residency program and MMS degree. Her dedication to our careers allows us to concentrate on our research, education, and patient care. We are truly thankful that she is here.” Dr. Tom Pham, another resident currently in the MMSP added, “Heidi is extremely vital in helping me schedule classes and fulfill all my requirements.” Dr. Laura Peterson, general surgery resident, agreed, “Heidi is very much the heart of the MMSP. She is always available to help out, not only with any organizational issue that may arise, but also with making sure that the students get the most out of their experience. We are very lucky to have her involvement with the program.”

Heidi said it is extremely rewarding for her to see residents graduate from their residencies after having worked with them so closely for the entire duration of their surgical training. The class of 2011 will be the first class that she has worked with for their entire residency, from the match process through graduation. “I still keep in touch with many of our graduates,” she explained.

Away from work, the Brookville, Ohio native stays busy raising her 2-year-old daughter, Isabel, with husband, Mark. She enjoys spending time with family and friends, taking in a movie, and of course, attending OSU Buckeye football games.
**MASTER OF MEDICAL SCIENCE PROGRAM**

**Master of Medical Science Program Student Updates**

**Dr. Jon Henry** received notice that his application to the National Institutes of Health (NIH) Clinical Loan Repayment Program (LRP) was approved for funding by National Cancer Institute (NCI). His research advisors are Dr. Thomas Schmittgen, associate professor in the College of Pharmacy, Dr. Carl Schmidt, assistant professor in the Division of Surgical Oncology, and Dr. Mark Bloomston, assistant professor of surgery in the Division of Surgical Oncology.

**Dr. Eric Luedke** has been awarded a training position on the CCC T32 Oncology Training Grant for the 2010-2011 year on his project titled “Cetuximab Therapy of Pancreatic Cancer: Immune modulation with IL-21”. His research advisor is Dr. William Carson III, professor of surgery in the Division of Surgical Oncology.

**Dr. Laura Peterson** presented a poster on October 12, 2010 at the 10th Annual Davis Heart & Lung Research Institute’s Research Day on “Effects of Natural Vitamin E, Alpha-Tocotrienol, on Pial Collateral Circulation during Acute Ischemic Stroke”. Her research advisor is Dr. Cameron Rink, assistant professor in the Division of Vascular Diseases and Surgery.

**Dr. Thomas Pham** presented a poster on October 5, 2010 at the 96th Annual Clinical Congress of American College of Surgeons, Washington D.C. on “IL-4-Dependent, IgG1-Dominant Allogeneic Antibody Production Is Regulated by CD8+ T Cells in a Transplant Model”. His research advisor is Dr. Ginny L. Bumgardner, professor of surgery in the Division of Transplantation and Comprehensive Transplant Center.

**Dr. Ricardo Quarrie** presented a poster on October 5, 2010 at the 96th Annual Clinical Congress of American College of Surgeons, Washington D.C. on “The Paradoxical Effect of Mitochondrial Uncoupling on Membrane Potential and Reactive Oxygen Species Production.” He also presented a poster on October 12, 2010 at the 10th Annual Davis Heart & Lung Research Institute’s Research Day on “Ischemia-Reperfusion Decreases Mitochondrial Sensitivity to Proton Leak.” Dr. Quarrie has recently received notification that 2 manuscripts reporting his research results have been accepted for publications. His research advisor is Dr. Juan Crestanello, associate professor of surgery in the Division of Cardiothoracic Surgery.
PLASTIC SURGERY

Second Ruberg Symposium Bigger, Better than First

by Anne Taylor, MD

The Second Annual Ruberg Symposium was held on September 9-11, 2010, at the new home of the Division of Plastic Surgery, the Gowdy Field building. This was the second annual event to honor Dr. Robert L. Ruberg, our “not-yet-retired-ex-chief” of Plastic Surgery, and begin a new tradition for the alumni of the plastic surgery program to gather, and share their own expertise, while making and renewing friendships. It also commemorated the one year anniversary of the opening of our new facility at Gowdy, and continued momentum for the OSU Division of Plastic Surgery.

The Ruberg Symposium weekend began with a reception and “State of the Division” report from division chief, Dr. Michael J. Miller. He traced the roots of the program, presenting a pictorial chronological history of our OSU Program Alumni, and then gave us a glimpse of the future of plastic surgery at OSU, which includes our transition to Department status. This was followed by a short research update by our residents presenting some of their ongoing projects.

The keynote address was delivered by Dr. Milton Armstrong, past faculty member from 1990-2000, and his remarks focused on the challenges of providing excellent and comprehensive hand surgery delivery in the current health care environment. He noted that many plastic surgeons are stepping back from hand surgery, specifically complicated trauma cases, but that in his experience, a “two thumbs up” from a patient after their amputation, is reward enough. He concluded his remarks with a recap of his medical missionary trips to Haiti, and the personal fulfillment this has brought him.

Surgical education is on the cutting edge at the Ruberg Symposium, with the first live telecast of a case in the new OSU Outpatient Surgery Center on the first floor of our new Gowdy office building. The case was a complex secondary bilateral breast reconstruction case. The patient had previously undergone radiation, and bilateral free TRAMs. Our expert breast reconstruction team, headed by Dr. Pankaj Tiwari and assisted by Dr. Ergun Kocak, determined that to improve volume and symmetry, bilateral gel implants would provide the best outcome. They demonstrated their technique at achieving their goals, and educated the audience with their surgical pearls for pocket creation, pedicle protection, implant size selection and infection mitigation. Dr. Raphael Villalobos and Dr. Michael Miller fielded the attendees questions. Another live surgery will definitely be a part of next year’s symposium.
The intent for the educational portion of the Ruberg Symposium is to highlight our own alumni “rock-stars” and bring them back to our institution to give presentations and share their expertise. And by all accounts, this second event was hugely successful in this regard. The didactic clinical education began with a panel centered on current trends in breast reconstruction. Our alumni experts who gave presentations were Dr. Ed Gronka, ’92, and Dr. Micheal Vennemeyer, ’07. This panel was moderated by Dr. Raphael Villalobos, ’97. The current uses of a cellular dermal matrix and the SPY operative camera were highlighted. The aesthetic considerations of breast reconstruction and many case examples were utilized to provide the attendees excellent continuing medical education.

Headed by Dr. Gayle Gordillo, ’99, the research effort at OSU plastic surgery is reaching new levels of excellence. Her work with the Hemangioma Clinic and Comprehensive Wound Care Clinic have brought these programs new recognition and funding. The exciting work by Alok Sutradhar, PhD on topology design of segmental bone replacement was presented. This work has gained worldwide recognition and was recently cited in “The Economist” and other prestigious web sites. Dr. Ergun Kocak, ’08, presented his work on “Gene Modified Flaps for the Targeted Delivery of Genes and Prodrugs”. This promises to be an ongoing project with huge clinical significance. The addition of dedicated researchers has rounded out our division, and has been instrumental in our transformation into a Department.

The second panel’s focus was the area that plastic surgery overlaps with ophthalmology and otolaryngology. Our guest speaker from ophthalmology, Dr. Tom Mauger, educated us on the dry eye. While he thought this would be “too dry”, it was exactly the opposite, quenching the thirst for knowledge on one of the problems that presents to us the most. Dr. Steve Smith, from Otolaryngology likewise did the same for the topic of the turbinates. Finally our own Dr. Yongsook Suh, ’98, presented her extensive experience with the Asian eyelid. Her own series rivals that of the most published authors, and we look forward to seeing her work published soon. This excellent collaboration of the disciplines was moderated by Dr. Arthur Bing, who has been a presence with our division for many decades. He has generously donated many hours, and medical textbooks to our library, which we have formally named the Bing Education Resource Center.

The new Federal law was the topic of the Health Care Reform Point/Counterpoint and both sides of the aisle were represented by Dr. Anne Taylor, ’96, and Dr. Greg Pearson, ’06. Our guest speaker, Mr. Tim Maglione, senior director of advocacy, the Ohio State Medical Association, rounded out the panel and provided details. The process by which the law passed, and specific details regarding the independent payment advisory board,
sustainable growth rate, physician quality reporting initiative, and mid-level providers, were debated and spurred lively discussion from all. We all agreed that the roll-out of this law will be a topic of panels for many years to come.

The body contouring panelists, Dr. Steve Robinson, ’95, Dr. Susan Vasko, ’92, and Dr. Bivik Shah, ’00, alumni practicing in Columbus, have vast experience in body contouring using traditional and new modalities. Abdominal contouring using aggressive liposuctioning is one of the newer combinations of treatments presented by Dr. Robinson. His upper abdominal liposuctioning, and tight closures gave us all some things to consider. Dr. Vasko presented her ongoing research on arm contouring with Smart Lipo. Her findings are intriguing and we all await her results, applauding her for doing a study on a controversial subject. The treatment of breast ptosis, and volume depletion, after massive weight loss, were addressed by Dr. Shah, who has successfully combined the mastopexy/augmentation and has achieved excellent results. This panel showcased the innovative surgeons and quality results of our own alumni.

Our final panel on hand controversies, moderated by Dr. Armstrong, spanned the age spectrum in our community from our newest hand surgeons, to the more experienced ones, including Dr. Brian Janz, Dr. Maya Spaeth, ’07, Dr. Michael Ruff and Dr. Jim Nappi, ’82. The topics also spanned the entire spectrum from pediatric hand issues, to more mature hand issues of carpel
tunnel release, thumb arthodesis, and Henry Clines disease a.k.a. Dupytren’s. This panel concluded our weekend of outstanding education.

The social event for our second year was a casual, fun evening of comedy. The improvisational troupe of performers from The Shadowbox had all of us “in stitches” with their hilarious skits. We all enjoyed the chance to kick back and laugh together.

We are in the planning stages for next year’s Third Annual Ruberg Symposium, and hope that everyone will mark their calendars and plan to attend. The tentative dates are September 8-10. We are continuing to have the opening reception on Thursday evening, a full Friday educational component, with live surgery demonstrations, and half day Saturday, followed by the OSU football game. More details will be coming soon.

**INFORMATION SYSTEMS**

**Email forwarding service changes**

The Ohio State University is changing the way it administers OSU lastname.# user accounts. These changes affect all university affiliates with an active OSU internet username, faculty, staff, and students, sponsored guests, and alumni and retirees who use the lifetime email forwarding service. Users will be required to change their password to continue the email forwarding.

Users will be required to meet the new password requirements by their birthdate during the 2011 calendar year. For example, if a user’s birthday is February 23, he/she has until 2/23/2011 to change their password. Once the password is changed a 90-day reset cycle begins.

Additional materials for users, helpful guides, and a list of frequently asked questions can be found at http://buckeyesecure.osu.edu/Passwords/Passwords. For support, users should contact the IT Service Desk at (614) 688-HELP (4357) or by email at 8help@osu.edu.
IN BRIEF

Dr. Ruberg presented with teaching award

Dr. Robert L. Ruberg, professor of surgery and executive vice chair, Department of Surgery was presented with the Humanism in Medicine Award on September 16. An ambassador from the Dean’s office, Dr. Linda Stone, met with Dr. Ruberg to thank him for his dedication to teaching, his passion for education and his humanistic teaching style. Dr. Ruberg received a copy of Parker J. Palmer’s book, the “Courage to Teach”, and a personal message from the Dean’s office. He also receive a gold apple lapel pin to wear on his white coat.

As part of the Humanism in Medicine initiative, the College of Medicine is working to identify and recognize faculty members that are devoted to humanism and excellence in teaching. The College honors those outstanding teachers through ‘Courage to Teach” recognition. The program began in late 2009 and honorees are being selected on a regular basis. Other faculty members of the Department of Surgery that have been honored to date are Dr. Mark Arnold, Dr. Alan Harzman, and Dr. Susan Moffatt-Bruce.

Dr. Robert Ruberg and Dr. Linda Stone.
Former resident returns for re-certification

Former resident Khaled H. Mutabagani, MD, PhD, returned to The Ohio State University and Nationwide Children’s Hospital (NCH) in September to be re-certified in pediatric surgery. Dr. Mutabagani completed a residency in general surgery in 1996 at The Ohio State University, and a residency in pediatric surgery at Ohio State and Nationwide Children’s Hospital in 1998. Dr. Mutabagani is currently a pediatric surgeon at the New Jeddah Clinic Hospital in Jeddah, Kingdom of Saudi Arabia. The Jeddah Clinic Hospital was established in 1969 by his father Dr. Hamed Mutabagani. Dr. Mutabagani, senior, expanded the business with The New Jeddah Clinic Hospital in 1979, and another hospital in Medina, in 1985.

When asked of his impressions of Columbus in 2010, Dr. Mutabagani said that although most of his visit was spent at either the OSU Medical Center or Nationwide Children’s Hospital, he is very impressed by the amount of development since the time of his residencies. He specifically mentioned that Rhodes Hall Auditorium, Means Hall, and Upham Hall are no longer standing, being replaced with the Ross Heart Hospital, the Davis Heart & Lung Research Institute, and the Biomedical Research Tower. He is impressed by the new construction taking place at Nationwide Children’s Hospital. Dr. Mutabagani also stated that the level of technology in use at Ohio State has increased significantly. Still, he misses the many green fields that were around the university hospital in the 90s.

Dr. Mutabagani said the City of Columbus has also grown. A soccer fan, he said the Columbus Crew soccer team was just beginning when he lived here, and made Columbus life much more interesting for him. He likes the multicultural aspects of Columbus as well, and the warm friendly behavior of its residents toward foreigners, especially students. “Columbus maintains a nice, welcoming culture to foreign people.” Dr. Mutabagani said the OSU Football Team’s recent seasons are much better than when he lived in Columbus.

While in Columbus Dr. Mutabagani was able to catch-up with peers from his time as a resident, Dr. Gayle Gordillo, associate professor of surgery, Plastic Surgery, and Dr. Peter Muscarella, II, associate professor of surgery, General and Gastrointestinal Surgery. He also had time to visit with his former professors, Dr. Mitchell Henry, professor of surgery and chief, Dr. Elmahdi Elkhammas, professor of clinical surgery, and Dr. Elizabeth Ann Davies, assistant professor of surgery, Division of Transplantation; Dr. W. Scott Melvin, professor and chief, and Dr. Mark Arnold, professor of clinical surgery, Division of General and Gastrointestinal Surgery; and Dr. William Smead, professor of surgery, Division of Vascular Diseases and Surgery. Dr.
Mutabagani also mentioned that the late Dr. Michael Walker was a talented surgeon, a wise mentor and good friend.

Dr. Mutabagani also spent some time at NCH with his pediatric surgery teachers, Drs. Denis King, Steven Teich, Gail Besner and Jonathan Groner. He also congratulated Dr. Donna Caniano on her retirement, saying, “She will be missed.” Dr. Mutabagani also saw Dr. Thomas Boles, who was his first pediatric surgery teacher when he started his general surgery residency, in 1989, on the Children’s pediatric surgery service. “My first day I operated with Dr. Boles on a child with an inguinal hernia.” Dr. Mutabagani also remembered Dr. Ann Kosloske who taught him many things during his pediatric surgery fellowship and the late Dr. Donald Cooney, former pediatric surgery chief at Children’s Hospital, who helped him and supported him during his residency.

Upon completion of his re-certification, Dr. Mutabagani returned to Jeddah.
Grants


Sen C. PI: U.S. Department of Health and Human Services grant in the amount of $305,000 for his study “MicroRNA Control of Wound Healing.” The award was announced in a letter from Mary Jo Kilroy, U.S. Representative, Ohio’s 15th Congressional District.

Publications


Rink C, Khanna S. Significance of brain tissue oxygenation and the arachidonic acid cascade in stroke. Antioxid Redox Signal. 2010 Aug 2. [Epub ahead of print]


Stawicki SP, Lindsey DE. ABSITE Corner: Aortic dissection. OPUS 12 Scientist 2009, 3(2):30-34.


### Abstracts


Evans DC, Cook CH, Christy JM, Murphy CV, Gerlach AT, Lindsey DE, Whitmill ML, Beery PR, Steinberg SM, Stawicki SP, Comorbidity-polypharmacy scoring may improve outcome prediction in older trauma patients. *JACS*, September 2010, 211(3S):S59.


**Presentations**


Besner G. HB-EGF as a Novel Therapeutic Strategy for NEC. International NEC Webcast, hosted by Rainbow Babies Hospital and Nationwide Children’s Hospital, Columbus, OH, June 17, 2010.

Besner G. HB-EGF: From Bench to Bedside, Donna A. Caniano Symposium, Columbus, OH, August 28, 2010


Cook CH. Transfusion for trauma and critical care, 31st Annual Adult and Pediatric Trauma Symposium, St. Francis Trauma Institute, Tulsa, OK, September 17, 2010

Cook CH. Glycemic control in trauma and critical care, 31st Annual Adult and Pediatric Trauma Symposium, St. Francis Trauma Institute, Tulsa, OK, September 17, 2010


Das A, Sen C, Roy S. Lipid mediators in resolution of wound inflammation, 10th Annual Dorothy M. Davis Heart & Lung Research Institute Research Day, Columbus, OH, October 12, 2010.


Elkhammas EA. Liver Transplantation Update. Visiting Professor, Central Tripoli Hospital, Tripoli, Libya, August 4, 2010.

Evans DC, **Cook CH**, Christy JM, Murphy CV, Gerlach AT, **Lindsey DE**, Whitmill ML, Beery PR, Steinberg SM, Stawicki SP, Comorbidity-polypharmacy scoring may improve outcome prediction in older trauma patients. American College of Surgeons Clinical Congress, Washington, DC, October 4, 2010.


Hazey J, Faculty instructor, Flexible Endoscopy for Surgeons, hands-on laboratory postgraduate course, Endoscopic Dilation, American College of Surgeons 96th Annual Clinical Congress, Washington, DC, October 3-7, 2010.


Itani K & Satiani B. The International Medical Graduate General Surgeon and how best to encourage their contribution to answering the public need for General Surgeons, presented at the General Surgery Think Tank meeting sponsored by the American Surgical Association Foundation, Chicago, IL, October 12-13, 2010.


Khanna, S. Natural Vitamin E Tocotrienol against Stroke, OSUN spring seminar series, Columbus, OH, May 14, 2010

Lee D, Quarrie R, Pfeiffer D, Zweier J, Crestanello J. Mitochondrial depolarization does not lead to cardioprotection during ischemic preconditioning, 10th Annual Dorothy M. Davis Heart & Lung Research Institute Research Day, Columbus, OH, October 12, 2010.


Miller SF. Advanced trauma life support course, Columbus, OH, July 31, 2009.

Miller SF. Crash and burn, EMS outreach, Adena Regional Medical Center, Chillicothe, OH, November 19, 2009.

Miller SF. Things That Go Boom, Local Heroes EMS Conference, Columbus, OH, April 23, 2010.


Miller SF, Wisler JR, Murphy C, Coffey R. Evaluation of Acute and Chronic Hyperglycemia in Burn Injured Patients. 38th Annual Eastern Great Lakes Burn Study Group, Cincinnati, OH, September 16-17, 2010.


Porshinsky B. Care of the burn patient, Surgical Grand Rounds, Ohio State University, Columbus, OH, April 2010.


Quarrie R, Lee D, Erdahl W, Pfeiffer D, Zweier J, Crestanello J. Ischemic preconditioning increases mitochondrial sensitivity to proton leak leading to decreased reactive oxygen species production, 10th Annual Dorothy M. Davis Heart & Lung Research Institute Research Day, Columbus, OH, October 12, 2010.


Satiani B. Special issues for International Medical Graduates, presented at the General Surgery Think Tank meeting sponsored by the American Surgical Association Foundation, Chicago, IL, October 12-13, 2010.

Satiani B. Locum and itinerant General Surgery, presented at the General Surgery Think Tank meeting sponsored by the American Association Surgical Foundation, Chicago, IL, October 12-13, 2010.

Stawicki SP. The use of momentum and stochastic indicators to correlate acute glucose spikes with clinical events: A novel method of examining glycemic variability in chronic ICU patients. Poster presentation at the Southern Medical Association Annual Scientific Assembly, Dallas, TX, Dec 3-5, 2009.

Steinberg SM. Geriatric Trauma, EMS outreach, Fairfield Medical Center, Lancaster, OH, February 17, 2010.

Steinberg SM. Trauma 101, EMS outreach, Berger Hospital, Circleville, OH, February 22, 2010.


Whitmill, ML. The acute abdomen, Mednet 21, The Ohio State University Medical Center, Columbus, OH, October 2009.

Outreach

The OSU Burn Center held its 4th Annual Burn Survivor Family Camp August 13-15, 2010 at Camp Joy in Clarksville, Ohio.

Members of the OSU Burn Team participated in the Society of Fire Prevention Engineers’ 21st Annual Burn Center Golf Outing in Columbus, Ohio, October 4, 2010. Proceeds of this annual outing are used to provide medical supplies and services for burn patients.

Recognitions

Dr. Yuk Cheung Chan, post-doctoral researcher, Department of Surgery, was selected as 1st place during the Post-Doctoral Researcher poster competition, and awarded a certificate in recognition of outstanding achievement for his presentation “Hypoxia-Sensitive Mir-200b Regulates Angiogenic Response of Endothelial Cells by Targeting Ets-1”, at the 10th Annual Dorothy M. Davis Heart & Lung Research Institute Research Day, Columbus, OH, October 12, 2010.

Dr. Daniel S. Eiferman, assistant professor of surgery, Division of Critical Care, Trauma, and Burn, has successfully passed the surgical critical care board examinations, October 2010.

Dr. Alan Harzman, assistant professor of surgery-clinical, Division of General and Gastrointestinal Surgery, was initiated as a Fellow of the American College of Surgeons at the American College of Surgeons 96th Annual Clinical Congress, Washington, DC, October 3-7, 2010.

Abdulfatah Issak, second year medical student, was awarded a Medical Student Research Initiation Grant by the Research Foundation of the American Society of Colon and Rectal Surgeons for his summer project entitled Working Against the Camera. The study evaluates trainee and attending performance of laparoscopic tasks when the camera is looking sideways or backwards with respect to the surgeon. This trial builds on principal investigator Dr. Alan Harzman’s previous work on learning laparoscopic tasks.
Dr. Pratibha Kamble, post-doctoral researcher, Department of Surgery, was awarded for her presentation “Aspirin Regulates Sirtuin Gene Expression; Potential Role in ATP Conservation and Cellular Energy Status” at the Post-Doctoral Researcher Poster Competition, at the 10th Annual Dorothy M. Davis Heart & Lung Research Institute Research Day, Columbus, OH, October 12, 2010.

Dr. W. Scott Melvin, professor of surgery and chief, Division of General and Gastrointestinal Surgery, has been named editor-in-chief of *Surgical Laparoscopy & Percutaneous Techniques*.

Dr. Brian Porshinsky, assistant professor of surgery, completed a proof of concept study on his Novel Carpal Tunnel Release Device; November, 2009.

Dr. Brian Porshinsky, assistant professor of surgery, has filed a provisional patent regarding his Novel Carpal Tunnel Release Device; May, 2010.

Dr. Alok Sutradhar, post-doctoral researcher, Division of Plastic Surgery was recognized in the July 15, 2010 issue of *The Economist*, in the article “The new face of surgery – A high-tech engineering technique offers promise to reconstructive surgery.” The article was a review of Dr. Sutradhar’s study, “Topological optimization for designing patient-specific large craniofacial segmental bone replacements.” The study explores the use of 3D computer modeling and aerospace technology to design patient-specific structures for facial reconstruction.

Dr. Melissa Whitmill, assistant professor of clinical surgery, has been awarded the Outstanding Teaching Contributions Award, Department of Emergency Medicine, The Ohio State University Medical Center, 2009. ✶