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Above, surgical oncologist Dr. Carl Schmidt starts his 2014 Pelotonia ride, August 9th.
**BURN RESEARCH**

**Department of Surgery leads collaboration to improve burn scars**

**J. Kevin Bailey, MD,** associate professor of surgery, Division of Trauma, Critical Care and Burn, is investigating the effectiveness of lasers as treatment for scars, such as those resulting from devastating injuries like burns.

Dr. Bailey began investigating laser therapy while he was a faculty member at the University of Cincinnati. “I originally set out to prove that it didn’t work,” explained Bailey. “The challenge is that we think we are seeing improvements in patients, but it has not been proven. And, we don’t know how it works.” He and his team at UC studied the effect of laser use with compression therapy (tight fitting clothing that squeezes the scar flat) versus no laser use and compression therapy, as a treatment for hyperemic and hypertrophic scarring that occurs in skin grafts during burn reconstruction. The two groups were evaluated using highly controlled measurements taken at six-week intervals to measure color, scar height, biomechanical properties and clinical features using the Vancouver Scar Scale. The laser group showed improvements in all measured parameters compared to the non-laser group. The results were published in 2012 in the *Journal of Dermatologic Surgery*.

Shortly after his arrival September 2013, Bailey quickly realized how rich the academic environment is at The Ohio State University. He considers himself fortunate to have teamed up with **Stephen P. Smith, Jr., MD,** assistant professor and director of Facial Plastic and Reconstructive Surgery, Department of Otolaryngology, and **Heather M. Powell, PhD,** associate professor, Materials Science Engineering and Biomedical Engineering, OSU College of Engineering.

Dr. Powell, who is also a faculty member of the Center for Regenerative Medicine and Cell-Based Therapies, is investigating the biological mechanisms behind compression therapy to potentially determine the optimal magnitude and duration for burn wound repair. Because current compression garments are uncomfortable, burn patient compliance can be low. “Our long term goal is to develop a new therapy for scar prevention that is both effective and promotes high compliance,” Powell said. Her study uses a porcine animal model, which is biologically very similar to human skin.

Dr. Smith has extensive clinical expertise with both fractionated CO₂ and pulse dye laser in the management of scarring, vascular birthmarks and a variety of skin conditions. He is also in another collaborative study with head and neck oncology at the James which is evaluating the benefits of fractionated CO₂

*See Burn scars continued on page 3*
on skin grafted free flap donor sites. This study has received a research grant from the American Academy of Facial Plastic and Reconstructive Surgery. “We have already changed the care of our burn patients,” Bailey said referring to how the collaboration has resulted in the ability of the Burn Program to offer laser treatment as an option for burn scars.

Burn scars (continued from page 2)

“Dr. Kevin Bailey (left) and Dr. Heather Powell conducting a laser experiment.”

Dr. Bailey is also focused on the future. “We have a collaboration with some real firepower and a diverse experience, and now we have the startup funds to make a difference for patients, and the potential to set a standard of care at a national level.” Bailey is referring to his recent pilot award from the Center for Clinical and Translational Science for forty-seven thousand dollars and the announcement that he and Dr. Powell have been awarded a 1.3 million dollar grant from Shriners Hospitals for Children for the group’s laser research. 

“Our long term goal is to develop a new therapy for scar prevention...”
INTERNATIONAL OUTREACH

Extending our mission: Training colorectal surgeons in Africa

By Marc Levitt, MD, professor of surgery, Division of Pediatric Surgery

The Nationwide Children’s Hospital Center for Colorectal and Pelvic Reconstruction (CCPR) team organized a one-week trip to Cape Town, South Africa. The trip was devoted to caring for children with complex colorectal and pelvic abnormalities who otherwise have only limited access to surgical services. The surgical mission was organized with the collaboration of Mending Kids International, a wonderful organization that helps children throughout the world. They have not previously done a colorectal-based mission trip, and we are proud to partner with them. The goal of these missions is not to simply treat children but also to train local physicians and nurses to care for their own patients in the future.

It is a fundamental principle of these missions that children get the same standard of care in Cape Town as they would if they were being cared for at Nationwide Children’s.

Why Surgical Training Missions?

Why do we spend over 10 hours performing difficult anesthesia and surgical care, only to repeat the exercise for four more days? Why do we travel halfway around the world to work? It’s not exactly a relaxing way to spend our time. But those of us who volunteer for these missions do so because we love what we do.

We love doing surgery in Central Ohio, and we take that passion and that commitment to child health on the road. We understand that these children cannot possibly come to Columbus for their care, so we go to them. When we make this effort, we are helping hundreds of children we would not otherwise be able to serve. It is a special reward for us to not only make a difference in the life of a child in Central Ohio but also in the life of a child across the globe.

Over several years of volunteering in Cape Town, we have helped develop a Colorectal Center for the entire continent of Africa. Joining us in Cape Town this year will be more than 50 surgeons and nurses from around Africa to learn about colorectal problems. They will be participating in clinic visits, observing operations and joining in an interactive educational program. By spending the week observing and learning about the complex colorectal surgeries, doctors from around Africa can get the training they need to better treat their patients.

See Mission continued on page 5
Mission (continued from page 4)

throughout the continent. In the past, we have done 30-35 operations in one week, which is about the number of patients most of those doctors operate on over the course of six months.

What Do We Really Do on a Mission?
On the first day of the mission, the surgeons evaluate over 50 children that have been asked to come from all over the country. The evaluation not only helps us decide who needs surgery the most, but also helps educate the other surgeons through discussions about the subtleties of complex problems. We review case histories, X-rays and laboratory studies to come up with a specific plan for each specific child. While we are there, we work with a wonderful institution called Red Cross War Memorial Children’s Hospital. Their excellent physicians and staff work with our own anesthetists to make sure these children are healthy enough for surgery by performing an anesthesia assessment. This clinic thus becomes an in-depth, intensive training session on the management of complex problems for the participating surgeons from throughout Africa. And since we like to bring a little fun to our mission trips, a team of volunteers will also be handing out 20 duffel bags’ worth of toys and stuffed animals that were collected here over the past year to children throughout the hospital.

See Mission continued on page 6
This year, the Nationwide Children’s team travelling to Cape Town included me and my good friends and colleagues Rama Jayanthi, Chief of Urology; Kate Deans and Pete Minneeci, pediatric surgeons; Raj Thakkar, Richard Wood, and Victoria Lane, pediatric surgery/colorectal fellows; and Olamide Dairo, pediatric anesthesiologist. Surgeons and nurses from collaborating teams in the Netherlands, Germany, Italy, Israel and Seattle will be joining us for the surgical training mission.

As a result of the operations we will perform this week, many of these children will be continent and will be able to go to school. They will no longer need stoma bags and will be able to participate in all fun aspects of a normal child’s life — that’s why we are passionate about these trips and are happy to exchange a week of vacation for a week performing surgery and training other doctors from around the world.

(With permission: Behind the Scenes, Our staff: Nationwide Children’s Hospital, September 3, 2014)
LEADERSHIP

Dr. Crestanello leads Division of Cardiac Surgery

Juan Crestanello, MD, has been appointed director of the Division of Cardiac Surgery effective August 2014. Dr. Crestanello served as interim director of the division since Dr. Robert Higgins assumed responsibilities as chair of the Department of Surgery. Dr. Crestanello has distinguished himself as an outstanding clinical leader, a dedicated surgical investigator and a committed teacher during his time at Ohio State, and we are fortunate to have him lead our cardiac surgery program.

Dr. Crestanello has been a member of the faculty since 2004. He completed his medical degree at the University of the Republic Medical School in Uruguay and surgical residency at Hahnemann University in Philadelphia and at the University of Maryland. After receiving his cardiothoracic surgery training at Mayo Clinic, he joined the faculty at Ohio State as an assistant professor. Over the past 10 years, he has developed an extraordinary reputation as an adult cardiac surgeon and surgical investigator.

Co-director of the Valve and Structural Heart Disease Program, Dr. Crestanello is responsible for the introduction of percutaneous valve replacement procedures (TAVI), which put Ohio State among the highest-enrolling programs in the United States.

He will also hold The Gerard S. Kakos, MD, and Thomas E. Williams Jr., MD, PhD, Professorship.

Join us in congratulating Dr. Crestanello on this milestone accomplishment.
Controversies in Vascular Diseases
FRIDAY, NOVEMBER 7, 2014

7th Annual Vascular Non-Invasive Testing Symposium
SATURDAY, NOVEMBER 8, 2014

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

Target Audience:

To register, visit ccme.osu.edu If you have any questions, please call Dawn Sagle at 614-293-8536 or email dawn.sagle@osumc.edu.
ONE GOAL

Pelotonia 2014: Surgery rides for a cure

Many Department of Surgery faculty, fellows, residents and staff took part in Pelotonia 2014 to raise donations for cancer research. Most joined the peloton “Team Buckeye - OSU Surgical Oncology and Friends”, led by Dr. Doreen Agnese, associate professor of surgery, Division of Surgical Oncology. Several riders shared their stories and photos.

Dr. Sara Mansfield, general surgery resident: “I rode in my 2nd Pelotonia this year, 100 miles this time, which is by far my longest ride ever. My full circle story: I’m in my 2nd year of basic science research, and I’m working on clinical projects in my spare time. I’m finishing up a breast cancer project with Dr. Agnese, who is the leader of my peloton. I ride for my mother who beat breast cancer 12+ years ago. She was treated at the James by, then surgical oncology fellow, Dr. Agnese who continued care for her as an attending. My mom is still cancer free.”

Dr. Carl Schmidt, associate professor of surgery, Division of Surgical Oncology: “This was my fifth Pelotonia and third time riding the 180 miles. I ride in honor and memory of my own cancer patients, and I am more amazed each year how many people show their support by donating, volunteering, cheering and riding.”

Kate Charlesworth-Miller, office associate, Division of Surgical Oncology: “I have so many reasons to ride - and more reasons every year. I’m riding for all the wonderful people I know and have known who were and are and will be touched and moved and changed and taken from me and from us by this disease.”

Kevon Murray, Dr. Lawrence Shirley, Dr. Doreen Agnese and Kate Charlesworth-Miller

See Pelotonia continued on page 10
Dr. Peter Muscarella, associate professor of surgery, Division of General and Gastrointestinal Surgery: “We all rode 50 miles together. Everyone raised at least $1250 but the exact figures are posted on each rider’s Pelotonia page. My favorite moment was eating peanut butter and jelly sandwiches at the first stop.

Dr. Doreen Agnese: “So far, our team has raised over $74,000. Everyone did a great job this year! The OSU Surgical Oncology and Friends peloton took over BD’s Mongolian Grill as a fundraiser again this year. We raised about $800 by volunteering as ‘guest grillers. We sold tickets for an all you can eat dinner and then actually got behind the grill to cook. We had a great turnout with at least 75 of our friends, colleagues and family having us prepare their dinner. Working the grill was HOT!!”

Marci Meadows, office associate, Division of Trauma, Critical care and Burn: “This year I was not able to ride. I did however volunteer at the event and it was once again inspiring to see how many riders, volunteers, cheerleaders, survivors that come out for this good cause. I worked at the 50 mile finish and saw many of the riders that I have ridden with in past years and new faces that decided to try it out for the first time this year. I encourage everyone to get involved in some way. There are so many ways that people can help a little or a lot. My contribution was small but no help is turned away. One way I tried to help this year was in mentoring some new riders and doing some last minute training with them the week before the ride. This is the first year I haven’t ridden since the inaugural event, but I plan on riding again next year.”

See Pelotonia continued on page 11
Pelotonia (continued from page 10)

OSU Wexner Medical Center CEO Dr. Steven Gabbe, Dr. Susan Moffatt-Bruce, Dr. Patricia Gabbe, and OSU President Dr. Michael Drake

Natalie Wehn, Dr. Peter Muscarella, Dr. Mary Dillhoff, Dr. Mark Bloomston, and Dr. Mark Arnold
Eighth Annual Burn Camp

The 8th Annual OSU Burn Center Family Burn Camp was held on August 2-3, 2014 at Recreation Unlimited in Ashley, Ohio. Burn camp brings together former burn patients and their families with an opportunity to connect with fellow burn survivors. The camp has the goals of team building, personal challenges and strengthening family relations after a traumatic event. It is one of just a few ‘family’ burn camps in the United States. The camp is available to any burn survivor treated at the Ohio State University and their immediate family, and is organized by the OSU Burn Center under the direction of Dr. Larry Jones, Division of Trauma, Critical Care and Burn. Patients of all ages are invited to attend, from infants to elderly. The number of attendees increases each year with some survivors returning annually. Local network news affiliates provide additional coverage, please see the following links.

http://www.10tv.com/content/stories/2014/08/02/ashley-osu-burn-center-hosts-annual-burn-survivor-family-camp.html

NEW FACULTY

The Department of Surgery welcomes new faculty

**Renzhi Han, PhD**, has been appointed as associate professor of surgery in the Division of Cardiac Surgery. Dr. Han earned his PhD from the University of Western Australia and completed postdoctoral training at the Howard Hughes Medical Institute and the University of Iowa. Dr. Han was previously assistant professor in the Department of Cell and Molecular Physiology at Loyola University. His research focus is the molecular mechanisms of muscular dystrophies and associated cardiomyopathy using the latest molecular, biochemical and cell biological approaches in cell culture and animal models. Dr. Han receives funding from two NIH RO1 grants; “Molecular and cellular functions of Ano5 in the heart” and “Mechanisms of muscle inflammation in muscular dystrophy.”

**Lawrence A. Shirley, MD, MS**, has been appointed as assistant professor of surgery in the Division of Surgical Oncology. He earned his medical degree from the University of Kentucky College of Medicine. Dr. Shirley completed a general surgery residency at Thomas Jefferson University Hospital in Philadelphia. He completed the surgical oncology fellowship and earned a master of medical science degree at The Ohio State University. His specialty interests include endocrine surgery and his research interests include the development of novel therapies for pancreatic cancer and neuroendocrine tumors.

New clinical staff

**Rachel Penny, MS, PA-C**, has joined the Division of Trauma, Critical Care and Burn as a physician assistant. Rachel earned a BS in biology, pre-physician assistant studies, from Ohio Northern University and a MS in physician assistant studies from the University of Saint Francis. She is certified by the National Commission on Certification of Physician Assistants (NCCPA). Her current responsibilities include assisting the burn surgeons in the operating room, seeing patients in the outpatient burn clinic, and conducting research. Her specialty training included elective rotations in a burn intensive care unit and in plastic surgery. Rachel’s previous medical experience came from working as an emergency medicine physician assistant. Her specialty interests include burn care, wound care, reconstructive surgery, and medical missions. Her prior research includes investigating the antibacterial activity of thymus vulgaris extracts.
Dr. Bumgardner awarded training grant

Ginny Bumgardner, MD, PhD, professor of surgery and director of the Master of Medical Science Program, has been awarded funding for the NIH T32 training grant entitled “Advanced Training in Immunology for Surgical Trainees” (ARTIST). This is a new training program to support research training in immunology for selected residents in the Department of Surgery. The Ohio State University’s supportive academic environment and the successful track record of prior residents who pursued research training in part through the College of Medicine Masters of Medical Science Program contributed to the favorable review. Many DOS faculty and staff including Angela Butler, Beth Hanson, Anna Patterson, and Lynnsay Sinclair, helped support the preparation of the 980 page application. The award of this grant is in large part due to the outstanding quality of surgery residents recruited to the program and their research accomplishments over the past 10 years. This data provided a compelling factor to merit NIH support of this new T32 in an environment of limited NIH funds.

ARTIST T32 Synopsis
Program Purpose: The goal of the program is to train and inspire a unique cadre of surgeon-scientists to translate astute observations at the bedside, in the operating room, and in the clinic into novel hypotheses that can be interrogated through immunology-focused translational research. Ultimately these surgeon-scientist research programs will accelerate the movement of discoveries in immunology for development of immune-based diagnostics, prognostics and/or therapeutics.

Thematic Research Areas: 1) Immune mechanisms of tissue injury, 2) Immune mechanisms of tissue repair & regeneration, and 3) Applied immunology: diagnostic/prognostic biomarkers or immunotherapeutics

Program Benefits: NIH Postdoctoral Fellow Stipend & Benefits; training expenses, tuition/course fees, travel funds.

Trainee Appointment Process: On-line application in progress, trainee selection by ARTIST Executive Committee application review and interview

Grant Period and Trainee Slots: The T32 will support 2 trainees each year for five years of the grant period

A call for applications is forthcoming for mentors and residents interested in ARTIST T32 support for residents starting research training in July 2015. ✩

See MMSP continued on page 15
As part of her Master of Medical Science Program, Shaylyn Bennett, MD, general surgery resident, assists her mentor Bryan Whitson, MD, PhD, assistant professor of surgery and co-director of the COPPER Laboratory, with an ex-vivo organ perfusion system model in the COPPER lab. Dr. Bennett’s research interests include lung injury and lung preservation.

Winning essay published

Each year the Resident and Associate Society of the American College of Surgeons selects a topic for an essay contest from RAS-ACS members. In 2012, the topic was “Treating the Difficult Patient”, and Mika (Matthews) Reschke, MD, MS, general surgery resident and 2013 MMSP graduate, won first place. The title of her essay was “Familial Ties in Treating the Difficult Patient”, in which she used the struggles of a close family member to help her empathize with a difficult patient. In winning the essay contest, she received a $500 prize and her essay has been published in the ACS Bulletin. June 2014, Vol 99, No. 15. 
In the News

Mounir Haurani, MD, assistant professor of surgery, Division of Vascular Diseases and Surgery, implanted the first Aorfix endograft in Columbus. This new device is designed to repair highly angulated aortic aneurysms. This will further expand the indications for and potentially the number of patients that can be treated with this minimally invasive technique.

Chandan Sen, PhD, professor of surgery and vice chair for surgical research was featured in the September 3rd issue of the Deccan Herald of Delhi, India. The article describes talks between the All India Institute of Medical Science (AIIMS) in Delhi and The Ohio State University for the purpose of establishing India’s first comprehensive regenerative medicine center. Dr. Sen, who directs the OSU Center for Regenerative Medicine and Cell-Based Therapies, is leading OSU’s initiative to provide expertise and advice for this project, thus enhancing Ohio State’s reputation abroad.

Recognitions

J. Kevin Bailey, MD, associate professor of surgery, Division of Trauma, Critical Care and Burn, has been appointed to the Ad Hoc Coding Committee of the American Burn Association.

Ginny Bumgardner, MD, PhD, professor of surgery, Division of Transplantation, was elected as councilor-at-large of the American Society of Transplant Surgeons.

Burn Center Re-Verification

Ohio State’s ABA/ACS Burn Center re-verification visit was performed on Sept. 9 & 10. The reviewers were Dr. Linwood Haith, Co-Director of the Nathan Speare Burn Center, Crozier-Chester Medical Center, Upland, Pennsylvania and currently Treasurer of the American Burn Association and Dr. Palmer Bessey from the Weil Medical Center Burn Center, Cornell University, New York City, New York and immediate Past-President of the American Burn Association. Their recommendation is for a full 3-year re-verification of The Ohio State University Burn Center.

Cancer specialists from the Wexner Medical Center, including members of the Hepato-Pancreato-Biliary Service, volunteered to work the phone banks at WBNS 10TV for HealthSource10 program, held in September. The program
Elmahdi Elkhammas, MD, professor of clinical surgery, Division of Transplantation, completed a fellowship in medical bioethics.

David Evans, MD, assistant professor of surgery, Division of Trauma, Critical Care and Burn, was named to American Society for Parenteral and Enteral Nutrition (ASPEN) Clinical Practice Committee.

Michael Go, MD, assistant professor of surgery, Division of Vascular Diseases and Surgery, participated in the Ross Heart Hospital community outreach effort, OSU hosted first Call4 special on NBC TV4, July 24, 2014 from 4:30-6:00 pm. Physicians will be featured in short segments designed to drive viewers to call in with heart health questions. Segments include: Heart Disease 101 with Dr. Laxmi Mehta, Vascular Disease with Dr. Michael Go, Heart Failure with Dr. Ayesha Hasan and 5 Numbers to Know with Dr. Martha Gulati. After each clip airs, viewers will be prompted to call in to speak with a panel of Ross Heart Hospital nurses who will be answering questions regarding cardiovascular health and assisting callers in finding appropriate care.
Robert S.D. Higgins, MD, MSHA, professor and chairman, Department of Surgery has been included in the 12th edition of *Who’s Who in Black Columbus*.

Larry Jones, MD, professor of surgery and director of the Burn Center, has been appointed as the American Electric Power Foundation Chair in Burn Care.

Larry Jones, MD, has also been appointed as a Reviewer for the *Journal of Diabetes & Metabolism*.

David E Lindsey, MD, associate professor of surgery, Division of Trauma, Critical Care and Burn, has been appointed to the Governors Cabinet Opiate Action Team (GCOAT) subgroup Opiates and Other Controlled substances Reform Practices (OOCs) to provide answers to Ohio’s opiate epidemic.

**Surgeons featured in 2014 Women’s Book**

Susan Moffatt-Bruce, MD, PhD, associate professor of surgery, chief quality and patient safety office, and associate dean of clinical affairs, quality and patient safety, and Jean Starr, MD, associate professor of surgery, Division of Vascular Diseases and Surgery are profiled in the 2014 *Women's Book - Women of Ohio State*. Laura Stillion, director of transplant services, Comprehensive Transplant Center is also profiled. The *Women's Book* supports and celebrates women in leadership and mentoring roles. To view the *Women of Ohio State* please visit the following link. https://osuwmcigital.osu.edu/sitetool/sites/surgery2public/documents/womensbook.pdf

Dawn Sagle, administrator, Division of Vascular Diseases and Surgery, has been selected to receive a 2014 Staff Manager Development Grant in the amount of $1000 to be used toward Management Workshops at The Ohio State University. Dawn’s desire to enhance her professional development through continued education and training is commendable, we congratulate her on this achievement and hope this financial support reaps great benefits for her, the department and the university.

Bhagwan Satiani, MD, MBA, professor of clinical surgery, Division of Vascular Diseases and Surgery, was selected to receive the “Highly Commended” award from the British Medical Association for his book *Color Atlas and Synopsis of Vascular Disease*, co-authored with Steven M. Dean, MD, associate professor of internal medicine, Division of Cardiovascular Medicine.
Richard Schlanger, MD, PhD, associate professor of clinical surgery and clinical director, Center for Advanced Wound Management and chief, Surgical Services at University Hospital East, was presented with the Mikhail Novikov OSUWMC Faculty of the Year Award for the 2013-2014 academic year.

Jean Starr, MD, associate professor of clinical surgery, Division of Vascular Diseases and Surgery, has been appointed as secretary of the Midwestern Vascular Surgical (MVSS) Society. The Society has the mission of the advancement of the art and science of vascular disease and the maintenance of high standards for open surgery, endovascular interventions, and medical therapy of vascular disease. Dr. Starr, who also serves as director of Endovascular Services and associate director of the Vascular Surgery Fellowship Program, had a significant presence at the September 4-6 MVSS national meeting. Additionally, general surgery chief resident Jon Henry, MD and vascular fellow Loren Masterson, MD both spoke at the meeting, making the Division of Vascular Diseases and Surgery prominent in the Society.

University Hospital’s SICU recognized
The University Hospital SICU team recently received its first Beacon Award for Critical Care Excellence, recognizing it as one of the best critical care units in the nation. The honor, sponsored by the American Association of Critical-Care Nurses, is awarded to units that achieve high-quality outcomes and provide exceptional care to patients and their families.

Dr. Whitson guest editor of special issue
Bryan Whitson, MD, PhD, assistant professor of surgery in the Division of Cardiac Surgery was the guest editor of a special heart-lung transplantation issue of the Journal of Thoracic Disease, August 2014. Don Hayes, Jr., MD, MS, MEd, associate professor of pediatrics and internal medicine and medical director of the Lung and Heart-Lung Transplant Programs at Ohio State was the co-guest editor. Drs. Whitson and Hayes are collaborators in the OSU Collaboration for Organ Perfusion, Protection, Engineering and Regeneration (COPPER) laboratory. As co-guest editors they authored the review article “Indications and outcomes in adult lung transplantation.” Other Surgery faculty contributors include Dr. Sylvester Black, Dr. Ahmet Kilic, Dr. Robert Higgins, and Dr. Chittoor Sai-Sudhakar.
Grants

Bailey JK. Combinational Effects of laser Treatment and Pirfenidone on Hypertrophic Burn Scar Reduction. Ohio State University Center for Clinical & Translational Science grant, $47,322.

Chlan, L, Coffey, R, Murphy, C, Bailey, JK, Jones, LM. Safety, Feasibility, and Acceptability of Patient –Controlled Sedation for Anxiolytics with Dexmedetomidine (PCS-DEX) for Burn care Dressing Changes. Ohio State University Center for Clinical & Translational Science grant, $ 25,000.

Sabrina F. Noria’s, MD, PhD, assistant professor of surgery, clinical in the Division of General and Gastrointestinal Surgery, research study entitled “Determinants of Diabetes Remission after Bariatric Surgery and the Role of Gut Hormones and Aging” has been chosen as the winner of the 2014 American Society for Metabolic and Bariatric Surgery (ASMBS) Research Grant Award Program. The grant was reviewed according to NIH quality review process by at least three reviewers from the ASMBS Research Committee. The award is for $50,000 pending confirmation of IRB approval. The award will be presented to Dr. Noria at the 30th Annual Meeting of ASMBS at Obesity Week Foundation L.E.A.D Luncheon held on Monday, November 3, 2014. Upon study completion, Dr. Noria will submit a manuscript reporting results of the completed project, as an abstract to the ASMBS for presentation at the Annual Meeting, and to the journal Surgery for Obesity and Related Diseases (SOARD) for publication.

COPPER Lab collaborators Sylvester Black, MD, PhD, Bryan Whitson, MD, PhD, and Don Hayes, Jr., MD have received finding for the study “Development of a Perfusate to Support Extended Duration Normothermic Ex-Vivo Organ Perfusion.” This research initiative is intended to identify and establish new or novel projects that focus on supporting multi-institution collaborative research projects focusing on heart, lung, heart-lung, liver, pancreas, pancreas/kidney or small bowel transplantation in Ohio with the ultimate goal of improving public health. The Ohio State University Medical Center and Nationwide Children’s Hospital, $25,000.

Publications


Abstracts

Bible JR, Evans DC, Payne B, Mostafavifar L. Impact of drug shortages on bowel recovery in patients receiving total parenteral nutrition after exploratory laparotomy. Great Lakes Pharmacy Resident Conference. Purdue University, West Lafayette, IN, April 23-25, 2014
National Presentations

**Go MR.** Acute Limb Ischemia: Diagnosis and Limb Salvation. OSU 6th Annual Contemporary Multidisciplinary Cardiovascular Conference, Orlando, FL, September 26-28, 2014

**Go MR.** Peripheral Revascularization: Percutaneous vs Surgical. OSU 6th Annual Contemporary Multidisciplinary Cardiovascular Conference, Orlando, FL, September 26-28, 2014

**Go MR.** Endovascular Treatment of AAA, shift from surgery. OSU 6th Annual Contemporary Multidisciplinary Cardiovascular Conference, Orlando, FL, September 26-28, 2014


Starr JE. Overview of Atherectomy Devices and When Should We Use Them? Midwestern Vascular Surgical Society Meeting, Peripheral Disease Session Moderator, Coralville, IA, September 4-6, 2014
Starr JE. Moderator - Medtronic Fellow Tech Exchange Meeting, Milwaukee, WI, October 17-19, 2014


2014 World Transplant Congress
Division of Transplantation faculty and Comprehensive Transplant Center members were well represented at the July 26-31, 2014 World Transplant Congress, held in San Francisco, California. Listed in the following are the abstracts presented:

Novel NKT Cell-Mediated Help for Alloantibody Production (Abstract #659)
Jason Zimmerer, Prashanth Swamy, Pooja Sanghavi, Christina Wright, Steven Elzein, Randy Brutkiewicz, Ginny Bumgardner.

Pediatric Donors for Simultaneous Pancreas-Kidney Transplant (SPKT) (Abstract #748)
Ashraf El-Hinnawi, Elmahdi Elkhammas, Ronald Pelletier, Amer Rajab, Uday Nori, Jon Von Visger, Ginny Bumgardner, Elizabeth Davies, Sylvester Black, Ahmad Zaaroura, Mitchell Henry.

Incidence of Cytomegalovirus and Acute Rejection in D+/R-Kidney Transplant Patients on Valganciclovir Prophylaxis after Medication Dose Adjustments (Abstract #1473)
Carly D’Agostino, April Delahunty, Mitchell Henry, Nicole Theodoropoulos, Mahmoud Abdel-Rasoul, Holli Winters.

Incompatible Kidney Transplantation Risk and Its Relationship to CMS Regulation: A Multi-Center Study (Abstract #1510)

Influence of Post Transplant De Novo Anti-MHC Antibody on the Outcomes after Simultaneous Kidney and Pancreas Transplantation (Abstract #2176)
Amer Rajab, Mitchell Henry, Elmahdi Elkhammas, Ronald Pelletier.
Calcineurin Inhibitor (CI) Use Reduces the Risk of Donor-Specific Antibody (DSA) Development after Kidney and Kidney/Pancreas Transplant (Abstract #2215)

**Ronald Pelletier, Amer Rajab, Mitchell Henry.**

Some Insights into the Decline in Living Kidney Donation (Abstract #A2791)
Uday S. Nori, Salem Almaani, Todd E. Pesavento, **Ronald P. Pelletier, Mitchell L. Henry**, Alejandro Diez, Jon Von Visger.

Donor-Specific Transfusions vs. Cyclosporine in Living Donor Kidney Transplantation: 30 Year outcomes (Abstract #C1811)
Alejandro Diez, Jon Von Visger, Uday Nori, **Ronald Pelletier, Mitchell Henry**, Todd Pesavento.

The Impact of Donor Age on Early and Long Term Outcomes after Living Donor Kidney Transplantation (Abstract #C1915)
**Amer Rajab, Ronald Pelletier, Todd Pesavento, Mitchell Henry.**

**Local Presentations**

**Bailey JK.** Things That Go Boom. Annual Union County Emergency Services Association and OSU Center for EMS EMS Conference, Marysville, OH, September 20, 2014

**Bailey JK.** Splinting Skills Session, Clinical Skills Lab for third year medical students. The Ohio State University Department of Surgery, Columbus, OH, August 26, 2014

**Coffey R.** Initial Management of the Burn Patient. Trauma Tactics. The Ohio State University Wexner Medical Center, Columbus, OH, July 16, 2014, August 19, 2014, September 16, 2014

**Coffey R.** Initial Management of the Burn Patient. Trauma Tactics. Doctors Hospital, Columbus, OH, July 25, 2014

**Coffey R.** Basic Trauma and Burn Support. (FCCS Course) Presentation to pulmonary, allergy, critical care and sleep residents, The Ohio State University Wexner Medical Center, Columbus, OH, July 22, 2014, August 14, 2014

**Coffey R.** Burn Prevention for People with Disabilities. Ohio Department of Developmental Disabilities, Columbus OH, August 12, 2014


Evans D. Stop the Bleeding! TXA and Trauma. Malta & McConnelsville Fire Department. McConnelsville, OH, August 11, 2014


Go MR. Moderator - Visiting Professor Conference Michael Makaroun, MD. The Ohio State University, Department of Surgery, Columbus, OH, September 18, 2014

Haurani MJ. Extremity Amputation. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus, OH, August 8, 2014

Haurani MJ. Ekos vs Thrombectomy. The Ohio State University Wexner Medical Center, Ross Heart Hospital 5th Floor In-Service, Columbus, OH, September 3, 2014

Haurani MJ. Prophylaxis of Venous Thromboembolism. Mary Rutan Hospital, Grand Rounds, Bellefontaine, OH, September 15, 2014

Haurani MJ. Vascular Disease. The Ohio State University Wexner Medical Center, Department of Surgery, Medical Student Lead Serve Inspire Small Group, Columbus, OH, September 16, 2014

Jones LM. Course Director, Advanced Trauma Life Support Course, Central Ohio Trauma Systems, Columbus, OH, August 30, 2014

Jones LM. Cricothyroidotomy/Insertion of Chest Tube Practical Skills Lab for third year medical students. The Ohio State University College of Medicine, Columbus, OH, August 12, 2014

Jones LM. Burns – Physiology, Resuscitation and Acute Management. Lecture presented to Plastic Surgery Training Program. The Ohio State University, Columbus, OH, August 8, 2014
**Jones LM.** Course Instructor, Advanced Trauma Life Support Course, Central Ohio Trauma Systems, Columbus, OH, August 7, 2014

**Jones LM.** Course Instructor, Advanced Trauma Life Support Course, Central Ohio Trauma Systems, Columbus, OH, July 24-25, 2014

**Oriowo B.** Macrophages. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus OH September 29, 2014

**Rink C.** Prosthesis Design and Residual Limb Health. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus, OH, August 18, 2014

**Satiani B.** Carotid Artery Duplex Scanning Part Two: Correlations; Quality Assurance and Cases. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus, OH, July 14, 2014

**Starr JE.** Carotid Artery Disease. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Vascular Grand Rounds, Columbus, OH, July 7, 2014

**Starr JE.** Vascular Disease. The Ohio State University Wexner Medical Center, Department of Surgery, Medical Student Lead Serve Inspire Small Group, Columbus, OH, September 16, 2014

**Starr JE.** Incision site infections and the vascular trial. The Ohio State University Wexner Medical Center, Ross Heart Hospital 5th Floor In-Service, Columbus, OH, October 15, 2014

**Starr JE.** Renal Artery Disease and the basic science of R-V HTN. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus, OH, October 27, 2014

**Vaccaro PS.** Healthcare 2014. The Ohio State University Wexner Medical Center, Fisher College of Business, Working Professionals MBA Program. Columbus, OH, September 29, 2014

**Vaccaro PS.** Arteriovenous Malformations and Arteriovenous Fistula. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus, OH, October 13, 2014
Visiting Professors

Dungan, K. Peri-Operative Diabetic Management. The Ohio State University Wexner Medical Center, Division of Vascular Disease & Surgery, Vascular Grand Rounds, Columbus, OH, September 15, 2014

Makaroun, M. Two decades of EVAR in the U.S. The Ohio State University Wexner Medical Center, Division of Vascular Diseases & Surgery, Mid Ohio Endo Club Meeting, Columbus, OH, September 17, 2014

Miscellaneous

On August 9, 2014 a burn survivor hosted the first annual car show which benefitted the burn development fund. The event was well attended with 32 car entries. The three judges were also burn survivors. The event planner is looking forward to this becoming an annual event.

In closing . . .

Among the hardest working surgeons in central Ohio, the attending surgical staff of OSU Hospital East, left to right, Dr. Richard Schlanger, Dr. David Renton, Dr. Michael Meara, Dr. Andrei Manilchuk and Dr. Benjamin Sigmond. (Not pictured: Dr. Mary Dillhoff)