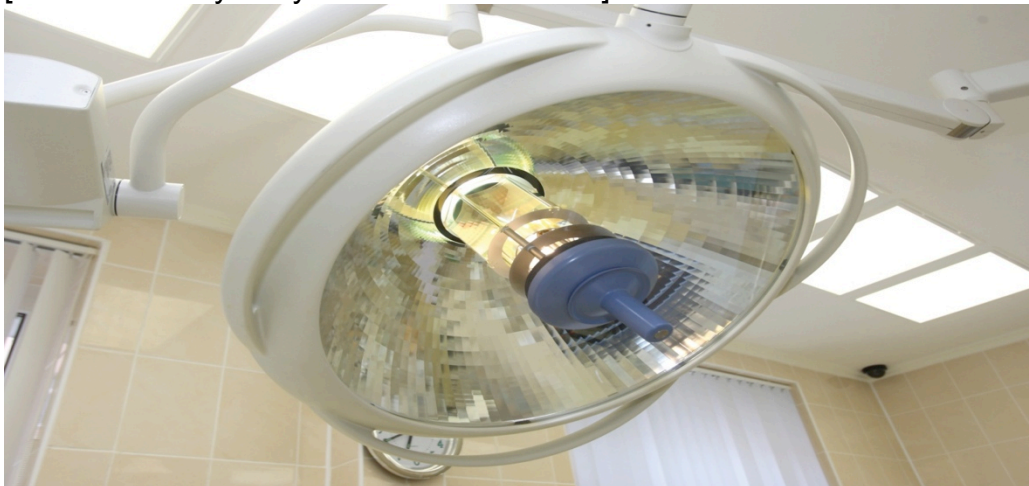


Department of Surgery  
Annual Report

2014

[Mary C. McCarthy, MD, FACS]  
[Elizabeth Berry Gray Chair and Professor]



For the period including  
January 1, 2014 — December 31, 2014

# 1

## Statement from the Chair



The Wright State University Department of Surgery focuses on the key areas of patient care, education, research, and community engagement. Individual faculty members work in each of these areas to a varying degree, but the department supports all four as a function of its role in health care and in the community as a whole.

### **Patient Care**

The faculty of the Department of Surgery provides leadership throughout the health care system in Dayton. Dr. Ouellette is the Cancer Care Liaison for Kettering Hospital and one of the driving forces behind the Cancer Care Service Line for Premier. Dr. Minia Hellan is the general surgery liaison for the robotic surgical group. Dr. Peter Ekeh is a member of the Emergency Care Task Force, evaluating ED and Trauma Care throughout the region, and Dr.

Melissa Whitmill chairs the GDAHA Trauma Committee. These three have also served in leadership roles in the MVH DOS over the last several years. Dr. John Matsuura is the chair of the Vascular Division in the DOS and the leader of the Vascular Service line for Premier. He was instrumental in securing a Magellan vascular robot for the hospital through his work with the generous Brethen family. The Berry Family contributed to an endowed vascular grand rounds lecture.

The Trauma Service provides care to 3000 patients in the Greater Dayton Area, a 17 county area of nearly 1.0 million people. Emergency General Surgery is growing, too, with approximately 1500 patients admitted annually. Advanced care practitioners have been integrated into the Trauma Service to provide care for these patients. Performance improvement is a key feature of the Trauma Program and led to initiatives in deep venous thrombosis and benchmarking through the Trauma Quality Improvement Program of the American College of Surgeons.

### **Education**

The number of general surgery residents was increased to eight in 2010 to help address a nationwide shortage of general surgeons. Those residents are now approaching their fifth year in residency. The training program encourages residents interested in a rural practice; this led to the development of a rural surgical rotation described by one of our residents as “the best rotation of my residency.” This year’s CLER visit prompted resident participation in the Institute for Healthcare Improvement and faculty participation in the Surgical Site Infection Committee and other hospital initiatives.

The DOS currently has four endowed visiting professorships. A fifth, honoring Dr. Richard DeWall, the inventor of the membrane oxygenator, was opened this year.

The job description for an individual with a Master’s Degree in Education was developed to assist with student and resident curricula and educational research. That position is currently posted and we are recruiting for an enthusiastic individual.

We have continued to mentor junior and senior faculty through support of enrollment in American College of Surgeons’, Association of Academic Surgery’s and Association of American Medical Colleges’ leadership and education courses and individual coaching and mentoring.

### **Research**

Under the leadership of Dr. Priti Parikh, we have increased the number of publications, presentations, and most importantly, are striving to develop an “Environment of Inquiry” among our faculty and trainees. An academic incentive plan helps reward those activities not funded by patient care. Through these activities, we strive to obtain national recognition for Wright State University School of Medicine. A position for a nurse clinician researcher has been added to the Division of Trauma.

We have also supported the Clinical Trials Research Association through studies in traumatic brain injury, reduction in perioperative myocardial infarctions, and the treatment of sepsis. Basic science on the role of interleukins in inflammation and renal failure is being conducted by our faculty. There are strong collaborations with Bioengineering in patient outcome research and designs for new surgical tools.

**Community Engagement**

Injury prevention is a core function of the Division of Trauma. A film for teens on the prevention of vehicular injuries was published this year and is being shown throughout the region. Regular school events and secondary prevention activities are a part of the activities of the Injury Prevention Center.

Dr. Roelle is the Director of the High-Risk Breast Center at Miami Valley South and provides genetic counseling to patients and families there.

The DOS has increased its outreach and connections with alumni. A biannual newsletter is sent to alumni, faculty and supporters. We conduct an annual fund drive in July to support education, research, training and innovation in the department. Monthly updates on department activities are emailed to hospital leadership and all staff and faculty members.

# 2 Programs/Divisions

## DIVISION OF ACUTE CARE SURGERY

The Division of Acute Care Surgery is based at Miami Valley Hospital (MVH), the area's sole American College of Surgeons (ACS) verified Level I center. The Division overall had a productive year from both a clinical and academic standpoint.

### Clinical Activities

The surgeons in the division are involved in Trauma, Emergency General Surgery, Surgical Critical Care and Elective General Surgery. Clinical volume continued to be maintained with over 3,000 Trauma Admissions and over 1,600 acute surgical admissions. The faculty engaged in over 1,500 major operations.

### Education

Didactic teaching is a regular part of the Division's activities geared towards medical students, residents, fellows and advanced practitioners. Our flagship educational event – the Annual Trauma Update took place on Friday May 16<sup>th</sup>, 2014. Dr. David V. Feliciano from Indiana University was our keynote speaker. The event was very well attended and featured several speakers discussing various topics.

The Surgical Critical Care Fellowship currently in its seventh year has continued and we are approved as a site for the American Association for the Surgery of Trauma (AAST) Acute Care Surgery fellowship. Dr. T. Dang joined the program in mid-2014 as our Surgical Critical Care Fellow.

### Research

In 2014, scholarly efforts from members of the Division resulted in 9 publications in peer reviewed journals, 19 oral and poster presentations in national and international meetings and the receipt of 2 grants.

**Dr. Melissa Whitmill** was named to both the Graduate and Resident Education Committee and the Item Development Editorial Board Committee of the Society of Critical Care Medicine. She also was the recipient of grant from the Ohio Department of Public Safety.

**Dr. Randy Woods** served as the President of the Ohio Chapter of the American College of Surgeons (ACS) as well as a member of the Board of Governors for the ACS. He also was recipient of grants from Miami Valley Hospital Foundation as well as Ohio Department of Public Safety.

**Dr. Kim Hendershot** was the recipient of an EAST Leadership Development Scholarship, Miami Valley Hospital Foundation Grant and Ohio Department of Public Safety Grant.

**Dr. A. Peter Ekeh** was the recipient of an Ohio Department of Public Safety "Safe Communities" grant. He also was named to the Injury Prevention Committee of the AAST.



Peter Ekeh, MD (Chief)

### Participating Faculty



Kimberly Hendershot, MD



Mary McCarthy, MD



Mbaga Walusimbi, MD



Melissa Whitmill, MD



Randy Woods, MD



## DIVISION OF GENERAL SURGERY

The Division of General Surgery continues to provide quality clinical care and advance our educational mission. We are searching for a general surgeon with special training in Minimally Invasive Surgery to advance our Laparoendoscopic clinical activities and simulation training. We strive to advance our consistent broad-based General Surgical training for our students and residents pursuing both generalist and advanced surgical specialty training. We have added Team Based Learning to our undergraduate education and look to further explore innovations in patient care and learning. Our emphasis for 2014-2015 will continue to focus on educating for quality and optimizing care transitions across the continuum.

### Clinical Activities

The Division provides referral care for General Surgery, Breast and Laparoscopic Surgery and both General and Vascular care for Five Rivers Surgery Clinic.

### Education

Our Annual Post Graduate Educational program was held September 19<sup>th</sup> at Miami Valley Hospital. Innovations in Medical & Surgical Education was a wonderful opportunity to collaborate with Emergency Medicine, Internal Medicine, Family Medicine, Obstetrics and Gynecology and the WSU School of Nursing for a multi-disciplinary collaborative program, featuring nationally recognized speakers. Participants had the opportunity to network with other educators and explore state-of-the-art topics including entrustable professional activities, simulation and robotic training, and interprofessional learning.

We have integrated a practice management series into our grand rounds schedule to better prepare trainees and community surgeons for the challenges of contemporary clinical practice.

### Research

The general surgery division has been productive in research with 5 publications and several local and national presentations. (See scholarly activity for details of all scholarly activity).

**Dr. Barney** provides daily teaching and surgical supervision for students and residents on the Gold General Surgery service at MVH. Her clinical focus is Breast, Thyroid and General Surgery. Her academic interest is Surgical Education and Practice Management-Surgical Coding and Reimbursement. She serves as Vice-Chair of the American College of Surgeons General Surgery Coding and Reimbursement Committee and ACS advisor to the AMA CPT Editorial Panel. Dr. Barney completed 2 terms on the ACS Board of Governors in October 2014 and remains involved in Health Policy and Advocacy. She serves on the Association for Surgical Education Board of Directors and remains actively involved in ACS-ASE Surgical Student Core Curriculum Project. Dr. Barney was a 2014 Champion of Hope honoree.

**Dr. Rundell** continues to provide daily teaching and surgical supervision for residents and students in General and Vascular Surgery. He serves as a preceptor in the Five River's Surgery Clinic and Teaching Surgeon for MVH operative cases. A perennial winner of the resident and student



Linda Barney, MD (Chief)

### Participating Faculty



Melissa Roelle, MD



W. Ken Rundell, MD

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teaching awards, he serves on the Surgical Education Committee and actively manages the resident Mock Oral exam preparation program with Dr. Roelle. He serves as faculty mentor for the WSUBSOM Robert P. Turk Surgery Club. He chairs the MVH Morbidity and Mortality and Endovascular Committees and remains dedicated to Transplant services for the Dayton community as Board Chair for Life Connections.

**Dr. Roelle** has assumed leadership of the undergraduate surgery education program and 3<sup>rd</sup> and 4<sup>th</sup> year clerkships. And has been integrally involved in the M4 surgical prep boot camp and pre-clinical student prep programs. Her clinical focus is Breast Disease and General & Laparoscopic Surgery. She serves as Medical Director of the Miami Valley High Risk Breast Center where she provides counseling and educational activities. She is a member of the MVH Oncology Committee and Breast Cancer Collaboratives. Dr. Roelle attended the AAMC Early Career Women's Faculty Development Seminar and the ACS surgeons' as Educator's course in 2014. Dr. Roelle has continued involvement in community outreach programs for breast cancer and high risk disease.

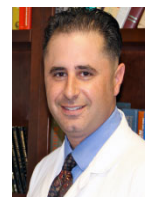
**Kelly Thobe** celebrates her 10<sup>th</sup> anniversary as an integral part of our Gold General Surgery Education and clinical care team. She serves as a supervisor for rotating PA and medical students and a qualified healthcare provider on the Five River's Surgical Clinic faculty. Kelly is our respected senior allied professional in the department and a valued colleague and contributor to the MVH Affiliate Credentials Committee. She provides much appreciated instruction in basic clinical procedural skills for all pre-clerkship students in the summer clinical skills lab. She mentor's students in the UD and Kettering undergraduate programs with interest in careers as a Physician assistant. Kelly is working to advance our collaboration opportunities with regional PA training sites and explore development of an advanced PA surgical training fellowship.

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## DIVISION OF OTOLARYNGOLOGY

### Division of Otolaryngology

The primary mission of the Division of Otolaryngology in the Department of Surgery is to educate both graduates and undergraduates in the management of diseases of the ear, nose and throat, as well as head and neck surgery. Graduate education is coordinated with the various freestanding institutional based residency and postgraduate programs. Undergraduate education is by lecture, seminar and a two- or four-week Year IV elective. All teaching is accomplished by voluntary faculty members, instead of the usual resident level system, because there is no otolaryngology residency program. The efforts of these voluntary faculty members should be acknowledged and appreciated. The secondary mission of our division is to provide support for clinical research, continuing educational programs, and general community support wherever possible for otolaryngology related activities.



Peter Michaelson, MD (Chief)

### Participating Faculty

Robert Goldenberg, MD

## DIVISION OF PEDIATRIC SURGERY

The Pediatric Surgery Department is primarily based out of Dayton Children's Hospital. Along with a thriving practice at Dayton Children's, it has been a goal of the department to extend those services to offsite clinics. Our practice has satellite offices in Springfield and Warren County.

The Pediatric Surgery Department is currently comprised of four full-time and three part-time, board certified surgeons, as well as two nurse practitioners. Two of our part-time surgeons, Dr. Charles Goodwin and Dr. Victor Nanagas, provide care at our off-site offices, allowing our full-time surgeons the ability to be readily available at our main campus location. Dr. Sean Barnett is currently involved in the development of non-traditional off-site programs and will become more clinically active in the summer of 2015.

Three major components that make up our department are Pediatric Surgery, Trauma and Burn/Wound Programs. Pediatric Surgery provides surgical, burn, and trauma care to children ranging in age from newborn through their 21<sup>st</sup> year. We also provide prenatal consultations to expectant parents with fetal abnormalities so they can be better prepared with information such as prognosis, possible outcomes, etc. All of our surgeons are well equipped to handle any situation indicative of our services. They are all involved in our developing clinical research program.

David P. Meagher, Jr., MD, Professor of Surgery at Wright State University, continues as the medical director of Pediatric Surgery, Trauma and Burns. Dr. Meagher specializes in burns, trauma, wounds, surgical oncology, and minimally invasive surgery for children.

Jeffrey Christian, MD, Clinical Associate Professor of Surgery at Wright State University, has been involved with various committees, such as The Professional Staff Executive Committee and the RMHC Board of Trustees. Dr. Christian specializes in minimally invasive pectus repair.

Jeffrey Pence, MD, Associate Professor of Surgery at Wright State University, is our liaison for the ACS verified Children Cancer Care Center. He specializes in surgical oncology. Dr. Pence is also tasked with overseeing surgery residents and medical students rotating in the Pediatric Surgery Department.

Arturo Aranda-Gracia, MD, Assistant Professor of Surgery at Wright State University is a new addition to our team. He comes to us with special interests in both minimally invasive surgical techniques and the improvement and development of surgical instruments. Dr. Aranda-Gracia is taking the lead on our minimally invasive surgery program here at Dayton Children's. Along with this, he brings his knowledge and experience in urologic surgery.

It is through research, minimally invasive procedures, and the dedication to keep moving forward, that we strive to be the region's first choice for children.



David P. Meagher, MD (Chief)

### Participating Faculty



Jeffrey Pence, MD



Arturo Aranda-Gracia, MD

## DIVISION OF RESEARCH AND SURGICAL EDUCATION



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The Department of Surgery (DOS) at the Wright State University (WSU) is committed to excellence in research and education. The research activity is progressively improving in the DOS and lots of exciting things have happened during the last year. Our primary focus is now to perform research in the areas of (1) Improving Healthcare Systems, (2) Translational Research, (3) Acute Care Surgery, and (4) Surgical Oncology. We also participate in clinical trials to improve patient care. In 2014, we published 30 manuscripts in peer-reviewed journals, 6 non peer-reviewed, 8 book, chapters or reviews, gave 93 poster/oral presentations, and received 16 grants. The Scholarly Activity section provides all the details on publications. We have also developed new collaborations with basic science and engineering researchers, and physicians in other clinical departments at WSU.

#### *Grants*

The DOS had a great year in terms of grants received and submitted. Dr. Bini and Dr. Armstrong (R4) received a grant on *“Aerosolized antibiotics in the treatment of ventricular associated pneumonia: A pilot study”* from DAGMEC. Dr. Hendershot and Dr. Woods received a grant on *“Simulation education impacting patient safety”* from the Miami Valley Hospital Foundation. Drs. Parikh, Whitmill, Hendershot, Woods and Pratik Parikh received an Ohio Department of Public Safety grant for *“Spectrum of trauma in the State of Ohio: Improvement and Assessment of Quality Care.”* Dr. Parikh also received a grant for *“VISN 10 simulation-based curricula”* from the Dayton VA Medical Center. Dr. Scott has been very active in grant submissions and received multiple grants related to simulation. Dr. Matsuura is participating as the PI for a sponsored study for the Robotics Vascular and Endovascular Registry (ROVER), an international prospective endovascular robotic registry. He was appointed National Principal Investigator for the ROVER Chronic Total Occlusion study. He also started the first phase III clinical trauma on Grifolis fibrin sealant study. (See scholarly report for details).



Priti Parikh, PhD (Director)

#### **Participating Faculty**



Ronald Markert, PhD

#### *Research Training*

Integral to the mission of the DOS is to provide outstanding scientific training to medical students and surgical residents. Mentoring and guiding medical students requires a significant effort and we are proud that faculty members of the DOS are extensively involved in medical student research and teaching, and helping them achieve the success they desire. We had great presence at the 2014 Medical Student Research Symposium with 16 posters presented by our students. Christina Anderson (MSIII) tied for Best Clinical Research poster on her work on *“Cost efficacy of laparoscopy cholecystectomy using the harmonic scalpel”*. Students also got an opportunity to present their work at the national and/or international conferences. Chris Heid (MSIV), Robert Beaulieu (MSIV), and Zachary Il’Giovine (MSIII) received travel grants to attend national conferences to present their work. Racheal Armstrong (R4) received the medical student research grant awarded by DAGMEC. Congratulations to all the students, residents, and mentors for their great work!

Research experience and significant outcome is now one of the core requirements for surgery residency. The department organizes an annual research symposium for surgery residents where we invite an external

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faculty member and the residents present their work to all other DOS faculty members and their peers. This year's annual symposium was held on April 23, 2014, and we had Dr. Nicholas Zyromski who presented on "*Necrotizing pancreatitis 2014: what is the surgeon's role?*" This year's winners of the Research Symposium were Bob Myers and Sadia Ilyas, MD.

As a part of their research training, several of our residents take a 1-3 year research elective during their residency and work with our collaborators at or outside Wright State University.

Current Residents in the Research Year:

**Dr. Sadia Ilyas:** 2013-2016 National Cancer Institute Surgical Oncology Fellowship, Bethesda, Maryland

**Dr. Avafia Dossa:** 2013-2015 Children's Hospital Los Angeles Clinical Fellow in the Division of Pediatric Surgery, Los Angeles, California.

**Dr. Mirnal Chaudhary:** 2014-2016 NIH T-32 Research Fellowship University of Madison-Wisconsin in Vascular Surgery, Madison, Wisconsin.

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## DIVISION OF SURGICAL ONCOLOGY

Surgeons in the Division of Surgical Oncology remain on the cutting edge of surgical techniques and advancements in the field. Our mission of pursuing a comprehensive, multidisciplinary approach and individualized care for each patient remains at the forefront of daily practice. There is ongoing implementation of the latest technical advances for Breast, Colorectal, Melanoma, Esophageal, Hepatobiliary (HPB) surgery, and ablation. Research is promoted from within the division and patients benefit from the availability of clinical trials offered locally. There has been a significant increase in the number of patients placed on clinical trials.

The robotic program continues to gain ground with over 400 procedures performed to date. Robotic surgical oncology, as part of the division, has continued to advance. We have taken on some of the most complex surgeries including Whipple procedure for selected patients. There is a high volume of rectal cancer surgery in our practice. Patients have been entered into several studies, both internal and international collaborative, including new fluorescence imaging technology. Dr. Hellan has been integral in advancing the teaching portion of the simulator and cadaver training at the Brethen Center Lab located on the campus of Miami Valley Hospital.

Liver Cancer Center of Ohio (collaborative venture with RPI) continues to be a strong multidisciplinary entity for liver, biliary and pancreatic tumors. The weekly HPB conference continues to draw large audiences on a regular basis with excellent interaction to improve patient care. This also allows the implementation of the most up-to-date technology and treatment paradigms for HPB disease. Several research protocols have opened in concert with Interventional Oncology with use of Yttrium 90 liver-directed therapy for hepatocellular carcinoma and liver metastatic disease.

In surgical education, the breast rotation continues to be a strong subspecialty rotation for residents and medical students. There is consistent exposure to the newest thoughts in breast surgery and advancements in real time. Dr. Dunn implemented a more substantive course guide for residents to follow, including time spent in radiology with mammography and stereotactic biopsy techniques as well as radiation oncology, genetic counseling and pathology. Clinical trials have begun with Dr. Weighall collaborating with Nuclear Medicine for modification of sentinel lymph node techniques at Kettering Medical Center.

The Division of Surgical Oncology was active in research with 5 publications and 17 presentations. (See scholarly activity below).



James Ouellette, MD (Chief)

### Participating Faculty



Margaret Dunn, MD



Minia Hellan, MD



Tamer Malik, MD



Roxane Weighall, DO

**DIVISION OF THORACIC SURGERY**

**Division of Thoracic Surgery**



Mark Anstadt, MD (Chief)

**DIVISION OF TRANSPLANTATION**

Due to financial concerns surrounding the MVH transplant program, kidney transplantation program was closed in 2013.

Dr. Stevens has completed his access training in South Carolina. He is planning to develop an Access Center at Bethesda North which would include vascular interventions.

Dr. Lucile Wrenshall's laboratory is focused on the interactions between IL-2, a cytokine important to normal immune function and the extracellular matrix. Recently the lab has identified an isoform of IL-2 that is cytotoxic to cells expressing the IL-2 receptor. This isoform may therefore be important in treating certain forms of cancer. Blocking the effect of this isoform may diminish reperfusion injury, which will help kidneys from deceased donors function better and more quickly. These exciting findings have been made possible by collaborative efforts between the Wrenshall Laboratory and the Life Connection of Ohio, and with the Pharmacology and Toxicology Department at Wright State University. Dr. Wrenshall is also collaborating with Dr. Matsuura on an Interleukin-2 tissue study comparing atherosclerotic plaque from diabetic and non-diabetic patients.



R. Brian Stevens, MD, PhD (Chief)

**Participating Faculty**



Lucile Wrenshall, MD, PhD

## DAYTON VETERANS AFFAIRS MEDICAL CENTER

The Dayton Veterans Affairs Medical Center Surgical Department is a multispecialty group offering all aspects of surgical care. These include general surgery and advanced laparoscopic surgery, otolaryngology, vascular surgery, thoracic surgery, urology, orthopedics, ophthalmology, anesthesia, and podiatry. We provide surgical care to our Veterans with attention to VASQIP measures, risk stratification and appropriate patient preparation.

The Dayton VA received recognition by The Joint Commission for its role as a Top Performer on Key Quality Measure in 2012 for Surgical Care. We continue to acquire state of the art equipment for our Operating rooms and are currently in the design phase for an Operating Room remodel.

The Dayton VA, under the direction of National Leadership at the Veterans Health Administration (VHA), is actively participating in the establishment and delivery of a national simulation training and education program – SimLEARN – “Simulation, Learning, Education and Research Network”. The construction of our new state of the art center is complete and classes and opportunities are ongoing. The Dayton program includes task trainers directed at different skill sets as well as manikin and scenario based simulation activities.

We have added a new vascular surgeon, Dr. Louisa Pecchioni and one new general surgeon – Dr. Bhoompally Reddy and are in the process of recruiting one more General Surgeon.

Dr. Dana Frazer continues as the Chief of the Department of Surgery. Besides maintaining a busy clinical practice, she has been busy with her recent appointment to the Admissions Committee for Wright State University Boonshoft School of Medicine. Dr. Frazer completed the Leadership Dayton Class sponsored by the Dayton Area Chamber of Commerce in 2014.

Dr. Anil Krishnamurthy, Chief of Orthopedic Surgery Section, has been selected by the VA National Surgery Office as the Chair of the Surgical Advisory Board for Orthopedic Surgery. He continues to serve on the Admissions Committee for the Wright State University Boonshoft School of Medicine. Additionally, Dr. Krishnamurthy has applied for a center of excellence in total joint replacement.



Dana Frazer, MD (Chief)

### Participating Faculty



Louisa Pecchioni, MD



Rosalyn Scott, MD



Kathryn Tchorz, MD

## DIVISION OF VASCULAR SURGERY

The Division of Vascular Surgery is committed to providing the best care for our patients. Our Board Certification in Vascular Surgery means we have expertise in both open bypass surgery and minimally invasive endovascular surgery.

On December 28, 2013, our division worked with the Miami Valley Hospital Foundation and Mr. Robert and Carolyn Brethen to purchase the Magellan robotic catheter system. This allows us to provide robotic navigation to treat previously inaccessible arterial occlusions. We remain committed to the detection and treatment of aortic aneurysms and have experience in the current FDA approved endovascular devices. Our Miami Valley South Hospital location is also devoted to the care of our patients with varicose vein disorders and offers endovenous laser therapy, vein ligation and sclerotherapy. We are also working closely with our local dialysis centers to offer services for hemodialysis even in patients with known central vein occlusion.

On January 28, 2014, we became the 3<sup>rd</sup> hospital in the United States to purchase and perform intravascular robotics using the Hansen Medical Magellan system. By years end, we used the robotic catheter system in 37 operations, making us the largest user of catheter robotics in the U.S. We are now a site for the Robotics Vascular and Endovascular Registry (ROVER), an international prospective endovascular robotic registry and with Dr. Matsuura's commitment to intravascular robotics in lower extremity procedures, he was appointed National Principal Investigator for the ROVER Chronic Total Occlusion study. We are also beginning a ROVER radiation exposure study with Dr. Barry Katzen as National PI and will be installing a state of the art "real time" interactive radiation detection system called Raysafe in our endovascular OR suite. Our newly created division also started our first phase III clinical trial on the Grifols fibrin sealant study. We plan to enroll our first patient in March 2015. Dr. Matsuura has also collaborated with Dr. Lucy Wrenshall (WSU Transplant surgeon) on an Interleukin-2 tissue study comparing atherosclerotic plaque from diabetic and non-diabetic patients. Dr. Matsuura is also teaming up with Dr. Caroline Cao (Director Ergonomics in Remote Environments Laboratory (EREL), Professor of Biomedical, Industrial & Human Factors Engineering and Professor of Mechanical & Materials Engineering) on a project evaluating the feasibility of fluoroscopy free endovascular navigation using a 3-dimensional reformatting program and a laser shape tracking system developed by Dr. Cao.

Dr. Falls and Dr. Matsuura remain active helping residents and students with clinical research presentations. In 2014, our division had one oral presentation and one poster presentation at the Midwestern Vascular Surgery Society meeting. We are continuing our training in endovascular technology through quarterly resident Vascular Skills Labs at the Brethen Center.



John Matsuura, MD (Chief)

### Participating Faculty



Garietta Falls, MD

## WRIGHT PATTERSON AIR FORCE BASE

Wright Patterson Medical Center is a referral center for the Department of Defense Tricare Region V and is one of the premier medical training centers in the U.S. Air Force. Dr. Kara Schultz is the associate program director at this site. It serves a large active duty and dependent population as well as the local community of military retirees. Five Wright State University surgical residents are assigned to this hospital rotation

Dr. Bini joined the faculty in December of 2013 and spends 75% of his time on the trauma service. He has been active in research and is working on a clinical trials study involving aerosolized antibiotics.



Kara Schultz, MD (Chief)

### **Participating Faculty**



John Bini, MD

# 3

## Fully Affiliated Faculty (may be the same as #2 above for some depts)

| Name and Academic Position  | Clinical Interests                  | Research Interests   |
|---|-------------------------------------|--|
| [list fully affiliated faculty, including statement of clinical and research interests]   |                                     |  |
| Mark Anstadt, MD, FACS<br>Professor of Surgery<br>Associate Professor Pharmacology and Toxicology<br>Chief, Division of Cardiothoracic Surgery<br>Chief, Cardiovascular/Thoracic Section Upper<br>Valley Medical Center<br>Vice Chairman, Section of Cardiothoracic Surgery,<br>Miami Valley Hospital | Cardiothoracic Surgery              | Artificial Heart   |
| Arturo Aranda-Gracia, MD<br>Assistant Professor   | Pediatric Surgery                   | Minimally Invasive Surgery<br>Clinical Outcomes<br>Neonatal minimally invasive<br>surgery<br>Surgical instruments<br>improvements and<br>development<br>Laparoscopic extravesical<br>ureteral reimplantation<br>Laparoscopic orchidopexy<br>and inguinal hernia repair |
| Linda Barney, MD, FACS<br>Associate Professor<br>Chief, Division of General Surgery<br>Associate Director General Surgery Residency<br>Program Miami Valley Hospital<br>Miami Valley Hospital Surgical Clinic Director  | General Surgery, Breast,<br>Thyroid | Surgical Education,<br>Physician Coding and<br>Reimbursement, Breast<br>Disease, Surgical<br>Ultrasound  |
| John Bini, MD, Lt. Col, MC, USAF<br>Assistant Professor   | Acute Care/Trauma<br>Surgery        | Traumatic injuries   |
| Margaret Dunn, MD, MBA, FACS<br>Professor   | Breast Disease                      | Administration/Education   |
| Peter Ekeh, MD, MPH, FACS<br>Professor<br>Chief, Division of Acute Care Surgery<br>Director, Injury Prevention Center Miami Valley<br>Hospital<br>Medical Director, Trauma Program Miami Valley<br>Hospital<br>Director, Surgical Research, Division of Acute Care<br>Surgery                         | Injury Prevention                   | Injury Prevention/Trauma   |
| Garietta Falls, MD, FACS<br>Assistant Professor   | Vascular Surgery                    | Vascular   |
| Dana Frazer, MD, MPH<br>Assistant Professor<br>Associate Program Director, Dayton Veterans<br>Medical Center<br>Medical Director Transitional Care Unit<br>Chief Surgical Services Dayton Veterans Medical<br>Center  | General Surgery                     | General Surgery  |
| Robert Goldenberg, MD<br>Professor  | Otolaryngology                      | Artificial Cochlea   |



|  |   |                                   |
|--|---|-----------------------------------|
| Minia Hellan, MD, FACS<br>Assistant Professor<br>Medical Director for Robotic Surgical Oncology<br>Skills Curriculum Director, Surgery Residency<br>Program  | Complex Surgical<br>Oncology                        | Robotic Surgical Oncology         |
| Kimberly Hendershot, MD, FACS<br>Assistant Professor<br>Associate Clerkship Director, Medical Student<br>Education<br>Director, Surgical Simulation  | Trauma, EGS   | Surgical Education                |
| Tamer Malik, MD, FACS<br>Assistant Professor   | Kidney/Pancreas/Liver                               | Liver Function                    |
| John Matsuura, MD, RVT, RPVI, FACS<br>Professor<br>Chief, Division of Vascular Surgery   | Vascular Surgery                                    | Vascular                          |
| Mary McCarthy, MD, FACS<br>Elizabeth Berry Gray Chair and Professor  | Trauma/Critical Care                                | Trauma/Performance<br>Improvement |
| David P. Meagher, Jr., MD<br>Professor<br>Medical Director, Pediatric Surgery, Trauma and<br>Burns, Dayton Children's Hospital<br>Chief, Division of Pediatric Surgery<br>Surgical Co-Director of Pediatric Intensive Care<br>Unit, Dayton Children's Hospital | Pediatric Trauma                                    | Pediatric Trauma                  |
| Peter Michaelson, MD, Lt. Col., USAF, MC, FS<br>Assistant Professor<br>Chief, Division of Otolaryngology   | Otolaryngology                                      | Rhinology and Sinuses             |
| James Ouellette, DO<br>Associate Professor<br>Chief, Division of Surgical Oncology<br>Associate Program Director, Surgery Residency<br>Program, Kettering Medical Center   | Complex Surgical<br>Oncology                        | Surgical Oncology                 |
| Priti Parikh, PhD<br>Assistant Professor<br>Director, Division of Research and Education   | Research  | Trauma Research                   |
| Louisa Pecchioni, MD<br>Assistant Professor  | Vascular Surgery                                    | Vascular                          |
| Jeffrey Pence, MD<br>Associate Professor<br>Associate Program Director, Dayton Children's<br>Hospital  | Pediatric Surgery<br>Oncology                       | Pediatric Surgical Oncology       |
| Melissa Roelle, MD, FACS<br>Assistant Professor<br>Medical Director, High Risk Breast Cancer Center,<br>Miami Valley Hospital<br>Clerkship Director  | General and Laparoscopic<br>Surgery, Breast Disease | Surgical Education                |
| W. Ken Rundell, MD, FACS<br>Clinical Professor<br>Associate Program Director Third Year Surgical<br>Clerkship.<br>Emeritus Surgical Director   | General and Vascular<br>Surgery                     | Transplant/Vascular               |
| Kara Schultz, MD, Major USAF<br>Assistant Professor<br>Assistant Associate Program Director , Wright<br>Patterson Medical Center   | Laparoscopy   | General Surgery                   |

|   |                                 |   |
|---|---------------------------------|---|
| Rosalyn Scott, MD, MSHA<br>Professor<br>VISN 10 Simulation Lead<br>Medical Advisor to VA EES Deputy Chief Learning<br>Office<br>Co-Director, VISN 10 Interprofessional Advanced<br>Fellowship Program in Clinical Simulation, VA<br>Healthcare System of Ohio<br>Chief, Thoracic Surgery and Director, Simulation<br>Center, Dayton Veterans Affairs Medical Center | Thoracic Surgery                | Simulation/Virtual Intensive<br>Care Unit |
| R. Brian Stevens, MD, PhD, FACS<br>Professor<br>Chief, Division of Transplantation  | Kidney/Pancreas/Islets          | Transplantation                           |
| Kathryn Tchorz, MD, RDMS, FACS<br>Associate Professor   | American College of<br>Surgeons | Surgical Education                        |
| Lazlo Toth, MD, FACS<br>Associate Clinical Professor<br>Associate Program Director, Good Samaritan<br>Hospital  |                                 |   |
| Mbaga Walusimbi, MD, MS, FACS<br>Associate Professor<br>Director, Acute Care Fellowship<br>Chief, General Surgery Section Miami Valley<br>Hospital  | Acute Care Surgery              | Splenic Injury/Deep Venous<br>Thrombosis  |
| Roxane Weighall, DO<br>Assistant Professor<br>Director of Breast Surgery, Kettering Medical<br>Center   | Breast Disease                  | Breast Disease                            |
| Melissa Whitmill, MD, FACS<br>Assistant Professor<br>Director, Surgical Intensive Care Unit, Miami Valley<br>Hospital<br>Director, Surgical Critical Care Fellowship  | Neurocritical Care              | Neurocritical Care                        |
| Randy Woods, MD, FACS<br>Associate Professor<br>Program Director, General Surgery Residency   | EGS                             | Surgical Education                        |
| Lucile Wrenshall, MD, PhD, FACS<br>Professor<br>Medical Director, Living Donor Program, Miami<br>Valley Hospital  | Living Related Donors           | Interleukins in Rejection                 |

# 4 Teaching

**Baccalaureate** [any course for a bachelor's degree]

**Graduate students, including thesis supervision** [master's, doctor's post-doctoral]

|                           |   |
|---------------------------|---|
| Mark Anstadt, MD          | <ul style="list-style-type: none"> <li>• Advisor and Mentor: Biomedical Sciences PhD Program – Benjamin Schmitt, BS, MBME “Echocardiographic “ <i>Analysis of the Failing Heart during mechanical compression</i>”</li> <li>• Advisor and Mentor: Biomedical Sciences PhD Program – Yirong Zhou, MD “<i>Speckle tracking analysis of silicone mock left ventricle to simulate the mechanically supported fibrillating heart</i>”</li> <li>• Co-Advisor and Mentor: Biomedical Engineering Master's Program – Nathan Wright “<i>Lab View interface and modeling of mock and in-vivo circulatory data</i>”</li> </ul> |
| Mary C. McCarthy, MD      | <ul style="list-style-type: none"> <li>• Thesis Committee, School of Engineering:             <ul style="list-style-type: none"> <li>○ Robert Myers, PhD “<i>Categorization of Interruptions in Healthcare</i>”</li> <li>○ Alanouf Mahmoud, MS “<i>Mobile computing for trauma and surgical care education.</i>”</li> </ul> </li> </ul>   |
| Rosalyn Scott, MD         | <ul style="list-style-type: none"> <li>• Member of Dissertation Committee for April Barnes, PhD candidate</li> </ul>  |
| Lucile Wrenshall, MD, PhD | <ul style="list-style-type: none"> <li>• BMS 9990 – Research Dissertation (Prakash Arumugam, MD)</li> <li>• Biological Sciences Grad Student Mentoring (Salina Daniels)</li> <li>• Master's Thesis Student (Sultan Alhayyani)</li> </ul>  |

**Undergraduate medical education** [medical school]

|                          |   |
|--------------------------|---|
| Mark Anstadt, MD         | <ul style="list-style-type: none"> <li>• Didactic Lectures: Cardiothoracic Surgery: Heart and Great Vessels</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 828 and SUR 853)</li> <li>• Advising and teaching senior designs program in Biomedical Engineering “<i>Design and modifications of mock circulatory system using 3-D printing</i>”</li> </ul> |
| Arturo Aranda-Gracia, MD | <ul style="list-style-type: none"> <li>• MSIII Preceptor (SUR 700)</li> </ul>   |
| Linda Barney, MD         | <ul style="list-style-type: none"> <li>• Didactic Lectures: Team-Based Learning: Breast disease</li> <li>• Abdominal Anatomy Clinical Correlation lectures</li> <li>• Abdomen Clinical Correlation lectures</li> <li>• Reproductive Endocrine Course</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 841)</li> </ul>                                      |
| John Bini, MD            | <ul style="list-style-type: none"> <li>• MSIII TEAM training</li> </ul>   |
| Margaret Dunn, MD        | <ul style="list-style-type: none"> <li>• Participated in bootcamp</li> <li>• Participated in IMC Skills Lab</li> <li>• Participated in <i>Women in Medicine</i>” elective</li> </ul>  |
| Peter Ekeh, MD           | <ul style="list-style-type: none"> <li>• Didactic Lectures: Biliary Tract and Pancreas</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 820 and SUR 842)</li> </ul>  |

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|---------------------------|--|
| Garietta Falls, MD        | <ul style="list-style-type: none"> <li>• Didactic Lectures: Case Presentations. Hernia and Abdominal Wall</li> <li>• Participates in the VA simulation Lab</li> <li>• Participates in TEAM sessions</li> <li>• Participates in bootcamp</li> <li>• Participates in ICM Course</li> <li>• MSIII preceptor (SUR 700)</li> </ul>  |
| Dana Frazer, MD, MPH      | <ul style="list-style-type: none"> <li>• Didactic Lectures: Small Intestines and Appendectomy. Stomach and Duodenum</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 826 and SUR 852)</li> </ul>  |
| Minia Hellan, MD          | <ul style="list-style-type: none"> <li>• Didactic Lectures: Surgical Oncology</li> <li>• MSIII Preceptor at Kettering Medical Center and Miami Valley Hospital ((SUR 700)</li> <li>• Participation in student meeting "Women in Medicine."</li> <li>• Oncology Interest Group: Surgical Oncology</li> </ul>  |
| Kimberly Hendershot, MD   | <ul style="list-style-type: none"> <li>• Team-Based Learning: Fluids, Electrolytes and Acid Base Balance</li> <li>• Orientation for third year medical students</li> <li>• Participated in TEAM (trauma training) third year medical students</li> <li>• Participated in surgery bootcamp MSIV elective</li> <li>• Developed 8 new patient simulations for bootcamp</li> <li>• Developed bootcamp curriculum</li> <li>• Develops skills stations for bootcamp</li> <li>• Wrote 18 test questions for bootcamp</li> <li>• Teaching sign out/hand offs, suturing and knots, documentation 1 &amp; 2, balance work/life, study habits and OR preparation</li> <li>• Teaching in skills stations including chest tubes, altered mentation and fever</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 860)</li> <li>• Preceptor advanced practitioner providers</li> </ul> |
| Tamer Malik, MD           | <ul style="list-style-type: none"> <li>• Didactic Lectures: Pancreas and Liver Disease</li> <li>• MSIII Preceptor (SUR 700)</li> </ul>   |
| John Matsuura, MD         | <ul style="list-style-type: none"> <li>• Didactic Lectures: Vascular Disease and Case Presentations</li> <li>• Participates in ICM skills session</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 844)</li> </ul>  |
| David P. Meagher, Jr., MD | <ul style="list-style-type: none"> <li>• MSIII Preceptor</li> <li>• MSIV Preceptor</li> </ul>  |
| Mary McCarthy, MD         | <ul style="list-style-type: none"> <li>• Didactic Lectures: Case presentations</li> <li>• Participates in TEAM skills lab</li> <li>• MSIII Preceptor (SUR 700)</li> <li>• MSIV Preceptor (SUR 823)</li> </ul>  |
| Peter Michaelson, MD      | <ul style="list-style-type: none"> <li>• Didactic Lectures: Otolaryngology: Diseases of the Head and Neck</li> <li>• MSIV preceptor (SUR 837)</li> </ul>   |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>• Didactic Lecture: Surgical Oncology</li> <li>• MSII and MSIII preceptor at Kettering Medical Center and Miami Valley Hospital (SUR 700 and SUR 840)</li> <li>• Preceptor physician assistant students at Kettering Medical Center</li> </ul>  |

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| Priti Parikh, PhD    | <ul style="list-style-type: none"> <li>Lecture: Research during surgery residency.</li> <li>MSIV Preceptor (SUR 820)</li> <li>Course director (SUR 820rgery 820)</li> <li>MSIV Non-Clinical/Research Preceptor</li> </ul>  |
| Louisa Pecchioni, MD | <ul style="list-style-type: none"> <li>MSIII Preceptor (SUR 700)</li> </ul>  |
| Jeffrey Pence, MD    | <ul style="list-style-type: none"> <li>Clerkship Director (SUR 820 and SUR 826)</li> </ul>   |
| Melissa Roelle, MD   | <ul style="list-style-type: none"> <li>Didactic Lectures: Team-Based Learning: Breast Disease. Stomach and Duodenum. Spleen. Hernia and Abdominal Wall. Case Presentations. Biliary Tract and Spleen. Surgical Bleeding. Infections and Wounds.</li> <li>MSII Introduction to Clinical Medicine</li> <li>MSIII and MSIV Preceptor (SUR 700, 841 and 860)</li> </ul>  |
| W. Ken Rundell, MD   | <ul style="list-style-type: none"> <li>Didactic Lectures: Case Presentations. Transplantation. Diseases of the Vascular System</li> <li>Participates in formative feedback for all surgical clerks</li> <li>Provides student consultation and counselling as needed.</li> <li>Presents suture lab skills at Introduction to Clinical Medicine Course in each surgical clerkship rotation</li> <li>MSIII Preceptor (SUR 700)</li> </ul> |
| Rosalyn Scott, MD    | <ul style="list-style-type: none"> <li>MSIII Preceptor (SUR 700)</li> </ul>  |
| Kathryn Tchorz, MD   | <ul style="list-style-type: none"> <li>Didactic Lectures: OSCE/Palliative Care. Ethics Presentation. Case Presentations. Spleen</li> <li>MSIII Preceptor (SUR 700)</li> <li>MSII Preceptor: Pathology: Transfusion Medicine – Clinical correlation</li> <li>MSI Preceptor: Human Structure Course – Clinical correlation session: Thorax.</li> </ul>   |
| Mbaga Walusimbi, MD  | <ul style="list-style-type: none"> <li>Didactic Lectures: Surgical Endocrinology. Acute Abdomen. Case Presentations. Spleen.</li> <li>MSIII Preceptor (SUR 700)</li> </ul>   |
| Melissa Whitmill, MD | <ul style="list-style-type: none"> <li>Didactic Lectures: Surgical Infection. Esophagus. Team-Based Learning: Fluids, Electrolytes and Acid Based Balance. Shock/SCC.</li> <li>MSIII and MSIV Preceptor (SUR 700 and SUR 823)</li> </ul>   |
| Randy Woods, MD      | <ul style="list-style-type: none"> <li>Didactic Lectures: Case Presentations and Surgical Infections.</li> <li>MSIV Lecture: Sign-out and Hand-off.</li> <li>MSIII and MSIV Preceptor (Sur 700 and 842)</li> </ul>   |

### Graduate medical education [residents, fellows]

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|--------------------------|--|
| Mark Anstadt, MD         | <ul style="list-style-type: none"> <li>Basic science faculty advisor: <i>Esophagus (part 2)</i></li> </ul>   |
| Arturo Aranda-Gracia, MD | <ul style="list-style-type: none"> <li>Resident and Fellow Teaching.</li> <li>Participates in Miami Valley Hospital weekly M&amp;M conferences</li> <li>Participates in weekly resident case conferences</li> <li>Participates in weekly breast conferences</li> <li>Participates in resident basic science</li> <li>Participates in mock orals</li> <li>Participates in surgical intern skills course</li> <li>Physician Assistant Student Preceptor</li> <li>Physician Assistant Preceptor/Supervisor</li> </ul> |
| Linda Barney, MD         | <ul style="list-style-type: none"> <li>Basic science faculty advisor: <i>Adrenal and benign biliary (part 2)</i></li> <li>Grand Rounds faculty advisor: <i>Aeromedical evacuation and surgical considerations</i></li> <li>ATLS Course director and instructor</li> <li>ASSET Instructor</li> </ul>  |
| John Bini, MD            | <ul style="list-style-type: none"> <li>Basic science faculty advisor: <i>Adrenal and benign biliary (part 2)</i></li> <li>Grand Rounds faculty advisor: <i>Aeromedical evacuation and surgical considerations</i></li> <li>ATLS Course director and instructor</li> <li>ASSET Instructor</li> </ul>  |

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|---------------------------|---|
| Margaret Dunn, MD         | <ul style="list-style-type: none"> <li>• Basic science faculty advisor: <i>Soft tissue neoplasms and benign biliary (part 2)</i></li> <li>• Participated in Mock Orals</li> <li>• ACS Resident Roundtable program “<i>Work/Life Balance</i>”</li> </ul>   |
| Peter Ekeh, MD            | <ul style="list-style-type: none"> <li>• Participates in weekly M&amp;M conference</li> <li>• Participates in resident case conferences</li> <li>• ATLS instructor</li> <li>• Participates in basic science session</li> <li>• Advanced practitioner cadaver lab</li> <li>• Advanced practitioner lecture “<i>Acute bowel injury/peritonitis</i>”</li> <li>• Participates in Trauma Conference</li> <li>• Preceptor physician assistant program</li> </ul>                        |
| Garietta Falls, MD        | <ul style="list-style-type: none"> <li>• Participates in resident case conferences</li> <li>• Participates in vascular conferences</li> <li>• Vascular journal club organizer</li> </ul>  |
| Minia Hellan, MD          | <ul style="list-style-type: none"> <li>• Basic science faculty advisor: <i>Liver masses and Anorectal inflammatory conditions/neoplasms</i></li> <li>• Participates in candidate interviews</li> <li>• FLS Skills Curriculum Director</li> <li>• Robotic Skills Curriculum: Development of Robotic Curriculum (voluntary)</li> <li>• Minimally invasive training labs: 3 FLS training labs and 2 cadaver labs at Brethen Center</li> <li>• Participation in Mock Orals</li> </ul> |
| Kimberly Hendershot, MD   | <ul style="list-style-type: none"> <li>• Participates in weekly trauma conference</li> <li>• Participates in monthly GI/EGS conference</li> <li>• Participates in weekly M&amp;M conference</li> <li>• Participates in monthly resident procedure lab</li> <li>• Participates in mock orals</li> <li>• Participates in ACGME beta testing for milestones</li> <li>• ATLS Instructor – refresher course</li> <li>• ASSET course student, instructor candidate</li> </ul>           |
| John Matsuura, MD         | <ul style="list-style-type: none"> <li>• Participates in vascular skills lab</li> <li>• Participates in Magellan skills training</li> <li>• Participates in weekly M&amp;M conference</li> <li>• Participates in resident cases conferences</li> <li>• Participates in trauma conferences</li> <li>• Participates in endovascular conferences</li> </ul>  |
| Mary McCarthy, MD         | <ul style="list-style-type: none"> <li>• Participates in resident surgical skills lab</li> <li>• Participates in trauma education series</li> <li>• Participates in weekly M&amp;M conference</li> <li>• Participates in resident case conferences</li> <li>• Participates in trauma conferences</li> <li>• Participates in mock orals</li> <li>• Participates in basic science sessions</li> <li>• ATLS instructor</li> <li>• ATLS course director</li> </ul>                    |
| David P. Meagher, Jr., MD | <ul style="list-style-type: none"> <li>• Resident and Fellow training from various problems in Orthopedics and general surgery across the US including WSU and Grandview Programs</li> <li>• ABLIS Instructor</li> </ul>  |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>• Basic science faculty advisor: <i>Pancreas</i></li> <li>• Participates in candidate interviews</li> <li>• Participation in Mock Orals</li> <li>• Proctor for robotic surgery</li> </ul>  |

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| Priti Parikh, PhD    | <ul style="list-style-type: none"> <li>• Talk: <i>Surgery Research for Medical Students</i>” Wright State University Boonshoft School of Medicine</li> </ul>  |
| Louisa Pecchioni, MD | <ul style="list-style-type: none"> <li>• FLS/FES Skills Lab – <i>Renal denervation – Alternate treatment for resistant hypertension</i></li> </ul>  |
| Jeffrey Pence, MD    | <ul style="list-style-type: none"> <li>• Rotation director, pediatric surgical education, Henry Ford Hospital System</li> <li>• Rotation Director, Botsford Hospital, Detroit MI</li> <li>• Participates in pediatric M&amp;M weekly conferences</li> <li>• Participates in trauma performance improvement monthly conference</li> </ul>  |
| Melissa Roelle, MD   | <ul style="list-style-type: none"> <li>• WSUBSOM Department of Obstetrics/Gynecology lecture on breast cancer</li> <li>• Participates in weekly M&amp;M conference</li> <li>• Participates in Mock Orals</li> </ul>   |
| W. Ken Rundell, MD   | <ul style="list-style-type: none"> <li>• Daily teaching of residents including non-operative patient care in preoperative and postoperative environments</li> <li>• Participates in weekly surgical case conferences</li> <li>• Attending surgeon at weekly Five Rivers Healthcare Surgery Clinics</li> <li>• Supervises monthly small group topic-oriented sessions for residents/students</li> <li>• Surgical resident advisor</li> <li>• Surgical resident cadaver lab activities</li> </ul> |
| Rosalyn Scott, MD    | <ul style="list-style-type: none"> <li>• Co-Director of VISN 10 Interprofessional Advanced Fellowship Program in Clinical Simulation, VA Healthcare System of Ohio</li> </ul>   |
| Mbaga Walusimbi, MD  | <ul style="list-style-type: none"> <li>• Basic science lecture: Spleen</li> <li>• Participates in Trauma service lectures</li> <li>• Participates in weekly trauma conference</li> <li>• Participates in critical care unit weekly multidisciplinary conference</li> <li>• Participates in monthly general surgery/gastroenterology conference</li> <li>• Participates in weekly surgical M&amp;M conference.</li> <li>• ASSET course director</li> </ul>                                       |
| Roxane Weighall, DO  | <ul style="list-style-type: none"> <li>• Basic science faculty advisor: <i>Benign breast disease</i></li> </ul>   |
| Melissa Whitmill, MD | <ul style="list-style-type: none"> <li>• Participates in weekly trauma conference</li> <li>• Participates in weekly surgical M&amp;M conference</li> <li>• Participates in monthly resident procedure labs</li> <li>• Participates in Mock Orals</li> <li>• ATLS instructor and course director</li> <li>• ASSET instructor</li> </ul>  |
| Randy Woods, MD      | <ul style="list-style-type: none"> <li>• Intern bootcamp</li> <li>• Participates in Mock Orals</li> <li>• Resident Procedure Lab monthly</li> <li>• Participates in weekly trauma conference</li> <li>• Participates in monthly GI/EGS conference</li> <li>• Participates in weekly surgery M&amp;M conference</li> </ul>   |

### Continuing medical education [grand rounds, seminars]

|                          |   |
|--------------------------|---|
| Arturo Aranda-Gracia, MD | <ul style="list-style-type: none"> <li>• Grand Rounds: “<i>Neonatal minimally invasive surgery</i>”</li> </ul>                          |
| Linda Barney, MD         | <ul style="list-style-type: none"> <li>• Grand Rounds: “<i>The practice of surgery: Reimbursement 101 – How we get paid</i>”</li> </ul> |

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| John Bini, MD        | <ul style="list-style-type: none"> <li>Wright State University Trauma and Critical Care Update Conference 2014: <i>"Management of thoracic trauma for the general surgeon"</i></li> <li>Springfield Regional Medical Center Trauma Symposium: <i>"Lessons learned from over a decade of war"</i></li> </ul>   |
| Peter Ekeh, MD       | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Presidential Assassinations"</i></li> <li>ASSET Course for 4<sup>th</sup> and 5<sup>th</sup> year residents</li> <li>Lab Two – <i>"Vascular exposure of the neck"</i></li> </ul>   |
| Garietta Falls, MD   | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Carotid stenosis: A clinical approach"</i></li> <li>Wright State University Human Structures Lecture <i>"Clinical correlation 1: Upper extremity"</i></li> </ul>   |
| Dana Frazer, MD, MPH | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Adventures in surgery: Information, advise and observations"</i></li> </ul>  |
| Minia Hellan, MD     | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Symposium: Innovations in Medical and Surgical Education: <i>"Laparoscopic dry lab and robotic computer surgical simulation"</i></li> <li>Miami Valley South Collaborative Cancer Center Support Group: <i>"Complementary therapies at Miami Valley Hospital South"</i></li> </ul>   |
| John Matsuura, MD    | <ul style="list-style-type: none"> <li>Grandview Medical Center Annual Family Practice Review and Reunion: <i>"What you need to know about aortic aneurysms"</i></li> <li>5<sup>th</sup> Annual University of Dayton/Miami Valley Hospital Healthcare Symposium: <i>"Innovation in Healthcare Delivery"</i></li> <li>Trauma and Critical Care Update and Symposium: <i>"Management of descending thoracic aorta injuries at Miami Valley Hospital"</i></li> <li>Springfield Regional Medical Center Trauma Symposium: <i>"DVT/Trellis and bedside IVC filters"</i></li> <li>Wright State University Department of Surgery Symposium: Innovations in Medical and Surgical Education: <i>"Simulation training on intravascular robots"</i></li> <li>Wright State University Trauma Symposium: <i>Current treatment of blunt aortic injury"</i></li> </ul> |
| James Ouellette, DO  | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Update on gallbladder carcinoma"</i></li> <li>Presentation for Plastic Surgery Residents <i>"Melanoma"</i></li> <li>Presentation to WSU Athletic Training Program</li> <li>STEM lecture – Alter High School</li> <li>Invited discussant at Midwest Surgical Association 57<sup>th</sup> Annual Meeting August 2014</li> <li>Participated in Ohio Surgical Quality Forum, Columbus, OH</li> </ul>   |
| Louisa Pecchioni, MD | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Renal denervation – Alternate treatment for resistant hypertension"</i></li> </ul>   |
| Melissa Roelle, MD   | <ul style="list-style-type: none"> <li>University of Dayton Women's Center Presentation: <i>"Breast Cancer Screening and Prevention"</i></li> </ul>   |
| W. Ken Rundell, MD   | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"The ultimate vascular reconstruction"</i></li> </ul>   |
| Rosalyn Scott, MD    | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Technology, Context, Synthesis"</i>, Albany Medical College, Albany NY</li> </ul>  |
| Kathryn Tchorz, MD   | <ul style="list-style-type: none"> <li>Trauma Update 2014: <i>"Pregnancy in Trauma"</i></li> </ul>  |
| Mbaga Walusimbi, MD  | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Enteric fistulae and incisional hernias – the vexing problems in acute care surgery"</i></li> </ul>  |
| Roxane Weighall, DO  | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Identifying patients with hereditary cancer syndromes"</i></li> </ul>  |
| Melissa Whitmill, MD | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"The next accreditation system: Milestones and beyond"</i></li> </ul>   |
| Randy Woods, MD      | <ul style="list-style-type: none"> <li>Grand Rounds: <i>"Nutrition in the surgical patient"</i></li> </ul>  |

## Other

|                  |   |
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| Linda Barney, MD | <ul style="list-style-type: none"> <li>Director and moderator annual Wright State University</li> </ul> |
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|                    |  |
|--------------------|--|
|                    | <p>Department of Surgery Symposium: <i>"Innovations in Medical and Surgical Education"</i></p> <ul style="list-style-type: none"> <li>• Panel presentation <i>"PQRS physicians quality reporting system"</i> at the American College of Surgeons Clinical Congress</li> <li>• Moderator <i>"Medicare's approach to value-based purchasing: Aligning PQR, E-Rx, PQRS and HER"</i> at the American College of Surgeons Clinical Congress 2014</li> <li>• Moderator <i>"COE, HIE &amp; other HER alphabet soup for the practicing surgeon"</i> at the American College of Surgeons Clinical Congress 2014</li> <li>• <i>"PQRS a surgical perspective"</i> American College of Surgeons Surgical Caucus of the AMA, Chicago AMA</li> </ul> |
| Margaret Dunn, MD  | <ul style="list-style-type: none"> <li>• Regional STEM school 11<sup>th</sup> and 12<sup>th</sup> grade advanced biomedical science course Lecture</li> <li>• Wright State University Boonshoft School of Medicine Plastic Surgery residency site visit</li> </ul>   |
| Peter Ekeh, MD     | <ul style="list-style-type: none"> <li>• CME course presenter: Trauma Update</li> <li>• Simulation lab education day for Horizons in Medical Students</li> <li>• Keynote Address: Opening Doors: Guideposts, Pioneers and Reflections. Presented at Opening Doors: Contemporary African American Academic Surgeons Exhibit, Albany Medical College, Albany, NY</li> </ul>  |
| Rosalyn Scott, MD  |  |
| Kathryn Tchorz, MD | <ul style="list-style-type: none"> <li>• Course Director Ultrasound Course – 1<sup>st</sup> Annual Conference</li> </ul>   |

# 5 Scholarly Activity

**Funded grants** [List PI(s), grant title, funding source, amount of award, and dates of award. Please list each grant only once. Identify student & resident authors, i.e., \*=student author \*\*=resident/fellow]

| FACULTY (PI)/Co-PI  | TITLE OF GRANT   | FUNDING SOURCE   | DATE         |
|---|--|--|--------------|
| <b>John Bini/Rachel Armstrong**</b>   | <ul style="list-style-type: none"> <li>Aerosolized antibiotics in the treatment of ventilator associated pneumonia: A pilot study</li> </ul>   | WSU DAGMEC   | 2014         |
| <b>Peter Ekeh/Chris Heid*</b>   | <ul style="list-style-type: none"> <li>Motorcycles versus All-Terrain Vehicles: A Comparison of Injuries</li> </ul>  | Medical Student Travel Grant   | 2014         |
| <b>Peter Ekeh</b>   | <ul style="list-style-type: none"> <li>A multicenter, randomized, double-blind placebo-controlled, parallel-group study to evaluate the efficacy, safety and pharmacokinetics of SUN 13837 injection in adult subjects with acute spinal cord injury</li> <li>Injury Prevention Program – Hope in the Valley</li> <li>Safe communities grant for Injury Prevention Center</li> </ul> | Miami Valley Hospital<br><br>Lexus Nexus (Reed Elsevier)<br><br>Ohio Department of Public Safety | Ongoing      |
| <b>Minia Hellan/James Ouellette, Mark Wysong</b>                                      | <ul style="list-style-type: none"> <li>The influence of fluorescence imaging on the location of bowel transection during robotic left-sided colorectal surgery. A multi-institutional prospective study.</li> </ul>  | Intuitive Surgical   | 2013-2014    |
| <b>Kimberly Hendershot/Randy Woods/Dan Nolan</b>                                      | <ul style="list-style-type: none"> <li>Simulation Education Impacting Patient Safety</li> </ul>  | Miami Valley Hospital Foundation   | 2014         |
| <b>Kimberly Hendershot</b>  | <ul style="list-style-type: none"> <li>EAST Leadership Development Workshop Scholarship</li> </ul>   | EAST   | 2014         |
| <b>John Matsuura</b>  | <ul style="list-style-type: none"> <li>Grifols FS</li> <li>ROVER study</li> </ul>  | Grifols, Inc.<br>Hansen Medical  | 2014<br>2014 |
| <b>Mary McCarthy/Priti Parikh/Robert Beaulieu*</b>                                    | <ul style="list-style-type: none"> <li>Early Prediction of Trauma Patient Discharge Disposition.</li> </ul>  | Medical Student Travel Grant   | 2014         |
| <b>Melissa Whitmill/Mary McCarthy</b>   | <ul style="list-style-type: none"> <li>Maximize the recovery of our TBI patient improving adherence to the National Brain Trauma Foundation Guidelines and cerebral oxygenation monitoring</li> </ul>  | The Adam Williams TBI Initiative (Mission Innovation Institute)                                  | Ongoing      |
| <b>Mary McCarthy</b>  | <ul style="list-style-type: none"> <li>NeuRx Diaphragm Pacing System, humanitarian device exemption number H070003. Pacing the diaphragm in patients with spinal cord injury and ventilator dependency.</li> </ul>   | Synapse Biomedical Inc.  | Ongoing      |
| <b>Priti Parikh/Melissa Whitmill/ Kimberly Hendershot, Randy Woods, Pratik Parikh</b> | <ul style="list-style-type: none"> <li>Spectrum of Trauma in the State of Ohio: Improvement and Assessment of Quality Care</li> </ul>  | Ohio Department of Public Safety   | 2014         |

|                                   |  |  |           |
|-----------------------------------|--|--|-----------|
| <b>Priti Parikh</b>               | <ul style="list-style-type: none"> <li>VISN 10 Simulation-Based Curricula</li> </ul>   | Dayton Veteran Affairs Medical Center          | 2014      |
| Jonathan Saxe/Zachary Il'Giovine* | <ul style="list-style-type: none"> <li>Platelet Function in Traumatic Brain Injury; Does the Type of Test Matter?</li> </ul>   | Medical Student Travel Grant                   | 2014      |
| <b>Rosalyn Scott</b>              | <ul style="list-style-type: none"> <li>VA Emergency Management Training</li> </ul>   | VA   | 2014      |
|                                   | <ul style="list-style-type: none"> <li>Using novel computer – and simulation-based educational strategies to enhance provider competencies. <ul style="list-style-type: none"> <li>Veteran student reintegration into campus life using 3-D visualization strategies</li> <li>Veterans Health Administration (VHA) simulation reporting and analysis incorporating MedBiquitous and Advanced Distributive Learning (ADL) standards in addition to EES and ADL in-kind support</li> </ul> </li> </ul> | VHA Office of Rural Health Sustainment Funding | 2014      |
|                                   | <ul style="list-style-type: none"> <li>Advancing excellence in palliative care</li> </ul>  | VHA Office of Rural Health                     | 2014      |
|                                   | <ul style="list-style-type: none"> <li>SimLEARN blanket purchase agreement with master limit</li> </ul>  |  |           |
| <b>Brian Stevens</b>              | <ul style="list-style-type: none"> <li>Prospective, randomized, double-blind, double-dummy multicenter trial assessing safety of a large single day vs. traditional administration of thymoglobulin induction therapy for renal transplantation (STAT Trial) (Single dose vs. traditional administration thymoglobulin)</li> </ul>   | Genzyme/Sanofi-Aventis                         | 2009-2015 |
|                                   | <ul style="list-style-type: none"> <li>Prospective, randomized trial of thymoglobulin induction therapy for renal transplantation: single vs. alternate day administration</li> </ul>  | Genzyme  | Ongoing   |
|                                   | <ul style="list-style-type: none"> <li>Prospective, randomized trial of thymoglobulin induction therapy for renal transplantation: single vs. alternate-day-administration</li> </ul>  | Clinical Research Center Grant                 | Ongoing   |
|                                   | <ul style="list-style-type: none"> <li>Grant to establish human allograft pancreatic islet transplantation activity at the Nebraska Medical Center</li> </ul>  | Clinical Research Center Grant                 | Ongoing   |
|                                   | <ul style="list-style-type: none"> <li>A randomized, multi-center comparative trial of tacrolimus with steroids and standard daclizumab induction versus a novel steroid-free tacrolimus based immunosuppression protocol with extended daclizumab induction in pediatric renal transplantation</li> </ul>   | NIAID (subcontract)                            | Ongoing   |
|                                   | <ul style="list-style-type: none"> <li>A 24-month multicenter, randomized, open-label noninferiority study of efficacy</li> </ul>  | Norvatis                                       | Ongoing   |

|                                   |   |  |                          |
|-----------------------------------|---|--|--------------------------|
|                                   | and safety comparing concentration-controlled certican in two doses with reduced neural versus myfortic with standard dose neural in de novo renal transplant recipients. |  |                          |
| <b>Lucile Wrenshall</b>           | <ul style="list-style-type: none"> <li>Analysis of multimeric Forms of IL-2</li> <li>Optimizing prograf therapy in maintenance allografts</li> </ul>                      | Proteomics seed grant program WSU BSoM<br><br>Astellas | 2013-2014<br><br>Ongoing |
| <b>Ronald Markert/Carolyn Cao</b> | <ul style="list-style-type: none"> <li>Development and validation of a virtual airway skills trainer (VAST)</li> </ul>  | National Institutes of Health                          | 2014-2018                |
| <b>Chandra R/Ronald Markert</b>   | <ul style="list-style-type: none"> <li>Efficacy of chlorthalidone versus torsemide in advanced chronic kidney disease</li> </ul>  | Department of Veterans Affairs                         | 2014                     |

\*Student

\*\* Resident

**Publications** [List each publication only once; do not list manuscripts in press. List only publications from the year covered by this report.]

**(Peer Reviewed)**

- Hellan M**, Spinoglio G, Pigazzi A, Lagares-Garcia JA. The influence of fluorescence imaging on the location of bowel transection during robotic left-sided colorectal surgery. *Surg Endosc*. 2014 Jan 3 (Epub ahead of print).
- Tuttle RM, Fox JP, Ouellette JR, Hellan M**. Hospital-based, acute care encounters after radiofrequency ablation of hepatic tumors. *HPB (Oxford)*. 2014 Jan 28. Doi: 10.1111/hpb.12220.
- Burkhardt DD**, Graham JM, Short SS, Frykman PK. Advances in Hirschsprung disease genetics and treatment strategies: an update for the primary care pediatrician. *Clin Pediatr (Phila)*. 2014 Jan;53(1):71-81. Doi: 10.1177/0009922813500846.
- Ekeh AP, Ilyas S, Saxe JM, Whitmill M, Parikh PP, Schweitzer JS, McCarthy MC**. Successful placement of intracranial monitors by trauma surgeons. *J Trauma Acute Care Surg*. 2014 Feb;76(2):286-90; discussion 290-1. Doi: 10.1097/TA.0000000000000092.
- Beaulieu RA, McCarthy MC, Markert RJ, Parikh PJ, Ekeh AP, Parikh PP**. Predictive factors and models for trauma patient disposition. *J Surg Res*. 2014 Feb 22. Pii: S0022-4804(14)00174-7. Doi: 10.1016/j.jss.2014.02.032.
- Miller A, Schwaitzberg S**. Surgical and endoscopic options for benign and malignant gastric outlet obstruction. *Current Surgery Reports*. 2014 Apr 2(4) doi: 10.1007/s40137-014-0048-z.
- Fox, JP, Vashi AA, Ross JS, Gross CP**. Hospital-based, acute care after ambulatory surgery center discharge. *Surgery*. 2014 May;155(5):743-53. Doi: 10.1016/j.surg.2013.12.008.
- Fox, JP**. Hospital Care After Outpatient Surgery More Common Than common than expected. *Medscape*. May 01, 2014. Available from: <http://www.medscape.com/viewarticle/824430>.
- Myers RA, Parikh PJ, Ekeh AP, Denlinger E, McCarthy MC**. Scheduling of advanced practice providers at level 1 trauma centers. *J Trauma Acute Care Surg*. 2014 Jul;77(1):176-81. Doi: 10.1097/TA.0000000000000250.
- Wrenshall LE**, Clabaugh SE, Cool DR, Arumugam P, Grunwald WC, Smith DR, Liu GC, Miller JD. Identification of a cytotoxic form of dimeric interleukin-2 in murine tissues. *PLoS One*. 2014 Jul 14;9(7):e102191. Doi: 10.1371/journal.pone.0102191. eCollection 2014.
- Kalil AC, Florescu MC, Grant W, Miles C, Morris M, Stevens RB, Langnas AN, Florescu DF**. Risk of serious opportunistic infections after solid organ transplantation: interleukin-2 receptor antagonists versus polyclonal antibodies. A meta-analysis. *Expert Rev Anti Infect Ther*. 2014 Jul;12(7):881-896. Doi: 10.1586/14787210.2014.917046. Epub 2014 May 29.
- Hendershot KM, Woods R, Parikh PP, Whitmill M, Runkle M**. Service vs. education: Situational and perceptual differences in surgery residency. *Journal of Surgical Education*. 2014 Jul 16. DOI: 10.1016/j.jsurg.2014.06.006.
- Mufti OI, Quraishi MB, Kabir MA, Markert RJ, Wase A** (2014) Propofol Administration by Electrophysiologist Versus an Anesthesiologist During Cardiac Resynchronization Therapy-

- Defibrillator (Crt-D) Implantation: Is an Anesthesiologist Necessary?. *Int J Cardiovasc Res* 3:4. Doi:10.4172/2324-8602.1000176.
14. **Markert RJ, Ekeh AP.** Re: Nonsuperiority does not imply equivalence. *J Trauma Acute Care Surgery*. 2014 Sep;77(3):522-3. Doi: 10.1097/TA.0000000000000370
  15. **Fox, JP, Tyler JA, Vashi AA, Hsia RY, Saxe JM.** A variation in the value of colectomy for cancer across hospitals: Mortality, readmissions and costs. *Surgery*. 2014 Oct;156(4):849-60. Doi: 10.1016/j.surg.2014.06.011.
  16. **Hansen DG, Abbott LE, Johnson RM, Fox JP.** Variation in hospital based acute care within 30 days of outpatient plastic surgery. *Plast Reconstr Surg*. 2014 May 8 (Epub ahead of print).
  17. **Wimalawansa SM, Fox JP, Johnson RM.** The measureable cost of complications for outpatient cosmetic surgery in patients with mental health diagnosis. *Aesthet Surg J*. 2014 Feb;34(2):306-16. Doi: 10.1177/1090820X13519100.
  18. **Fox JP, Burkhardt DD, Ranasinghe I, Gross CP.** Hospital-based acute care after outpatient colonoscopy: Implications for quality measurements in the ambulatory setting. *Med Care*. 2014 Jun 30. [Epub ahead of print].
  19. **Ekeh AP, Parikh PP, Walusimbi M, Woods RJ, Hawk A, McCarthy MC.** The prevalence of positive drug and alcohol screens in elderly trauma patients. *Subst Abuse*. 2014;35(1):51-5. Doi: 10.1080/08897077.2013.797539.
  20. **Festic E, Bansal V, Gajic O, Lee AS, United States Critical Illness and Injury Trials Group: Lung Injury Prevention Study Investigators (USCITG-LIPS), Tchorz K, McCarthy MC...** et al. Prehospital use of inhaled corticosteroids and point prevalence of pneumonia at the time of hospital admission; secondary analysis of multicenter cohort study. *Mayo Clin Proc*. 2014 Feb;89(2):154-62. Doi: 10.1016/j.mayocp.2013.10.028.
  21. **Mehmood M, Markert RJ, Chandra MS, McCarthy MC, Tchorz KM.** Pulmonary arterial capacitance and pulmonary vascular resistance are inversely related and may predict mortality in critically ill mechanically ventilated surgical patients. *J Card Fail*. 2014 Aug;20(8 Suppl):S71. Doi: 10.1016/j.cardfail.2014.06.203.
  22. **Stevens RB, Foster KW, Miles CD, Lane JT, Kalil AC, Florescu DF, Sandoz JP, Rigley TH, Nielsen KJ, Skorupa JY, Kellogg AM, Malik T, Wrenshall LE.** A randomized 2 x 2 factorial trial, part 1: Single-dose rabbit antihymocyte globulin induction may improve renal transplantation outcomes. *Transplantation*. 2014 Jul 31.
  23. **McConnell PI, Anstadt MP, del Rio CL, Preston T, Ueyama Y, Youngblood B.** Cardiac function after acute support with direct mechanical ventricular actuation in chronic heart failure. *ASAIO J*. 2014 Sep 18.
  24. **Babcock, JA.** Integrated military and civilian surgical residency, a review of one program, its development and future trends. *J Surg Educ*. Sep-Oct;71(5):774-6. Doi: 10.1016/j.jsurg.2013.12.012. Epub 2014 Jan 24.
  25. **Hellan M, Ouellette JM, Lagares-Garcia J, Rauh SM, Kennedy HL, Nicholson JD, Nesbitt D, Johnson CS, Pigazzi A.** Robotic rectal cancer resection: A retrospective multicenter analysis. *Annals of Surgical Oncology*. Nov 2014. Doi: 10.1245/s10434-014-4278-1.
  26. **Warren WA, Markert RJ, Stewart E.** Pulmonary nodule tracking using chest computed tomography in a histoplasmosis endemic area. *Clin Imag*. 2014 Nov 13. doi:10.1016/j.clinimag.2014.11.002.
  27. **Cox JT, Shorten PL, Gould GC, Markert RJ, Barnett MD, Laughlin RT.** Knotted versus knotless suture bridge repair of the Achilles tendon insertion: A biomechanical study. *Am J Sports Med*. 2014 Nov;42(11):2727-2733 doi: 10.1177/0363546514549004.
  28. **McConnell PI, Anstadt MP, del Rio CL, Preston TJ, Ueyama Y, Youngblood BL.** Cardiac function after acute support with direct mechanical ventricular actuation in chronic heart failure. *ASAIO J*. 2014 Nov-Dec;60(6):701-706. doi: 10.1097/MAT.0000000000000147.
  29. **Bourgon AL, Fox JP, Saxe JM, Woods RJ.** Outcomes and charges associated with outpatient inguinal hernia repair according to method of anesthesia and surgical approach. *Am J Surg*. 2014 Dec 11. Pii: S0002-9610(14)00600-X. doi: 10.1016/j.amjsurg.2014.09.021.
  30. **Agrawal S, Patel P, Agrawal A, Makhijani N, Markert RJ, Diedrich W.** Metformin use and the risk of esophageal cancer in Barrett esophagus. *South Med J*. 2014 Dec;107(12):774-779. Doi: 10.14423/SMJ.0000000000000212.

**(Non-Peer Reviewed)**

1. **Edwards J, Markert RJ, Bricker D, Hershberger P.** In response to discharge against medical advise: How often do we intervene? *Journal of Hospital medicine* (online) 2014 Jan 9(1):69. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/jhm.2120/abstract>.

2. **Barney LM**, Gokak SZ, Jackson JJ, Savarise MT, Sage JS, Ollapaly VM. 2014 fee schedule and CPT code changes will affect surgical practice. *Bull Am Coll Surg*. 2014 Feb;99(2):27-33.
3. **Barney LM**, Mabry C, Ollapally V, Savarise M, Senkowski C. Reporting patient safety indicator-15. *Bull Am Coll Surg*. 2014 May;99(5):36-38.
4. **Barney LM**, Nicoletti B, Savarise M. Billing for services performed by nonphysician practitioners. *Bull Am Coll Surg*. 2014 May;99(5):36-38.
5. Cox J, Gayton C, Nyoos M, Gould G, **Markert RJ**, Verweibe E, Prayson M. Biomechanical comparison of hybrid versus non-locking screw fixation for midshaft clavicle fractures. *Journal of Contemporary Orthopaedic Research* (online). 2014 May 171(1):14-25. Available from: <http://paper.uscip.us/JCOR/JCOR.2014.1002.pdf>.
6. **Barney LM**, Savarise MT, Whitacre E. Frequently asked questions about coding for breast surgery. *Bull Am Coll Surg*. 2014 Sep;99(9):52-54.

### Papers in refereed journals

1. Ewelukwa O, Cheema R, Metzger S, **Markert RJ**, Akram S. Socioeconomic differences in the risk of developing Clostridium difficile diarrhea: A case control study. *Gastroenterology*. 2014 May 146(5). S254-255.
2. Ewelukwa O, Cheema R, Metzger S, **Markert RJ**, Akram S. The effect of statins on the risk of developing Clostridium difficile diarrhea: A case control study. *Gastroenterology*. 2014 May 146(5). S-252.

### Books, chapters, reviews

1. *Carratola M*, **Parikh PP**, **Tchorz KM**, Kauffman S. Traumatic axillary artery pseudoaneurysm treated with intravascular balloon occlusion and percutaneous thrombin injection. *Radiology Case Reports*. 2014 Jan 9(1):871. DOI: 10.2484/rcr.v9i1:871.
2. Abbass K, Adnan K, **Markert RJ**, Emig M, Khan N. Mycobacterium fortuitum breast abscess after nipple piercing. *Can Fam Physician*. 2014 Jan; 60(1): 51-52.
3. *Runkle M*, **Parikh PP**, **Falls G**. Management of upper extremity deep venous thrombosis in a hospice patient. *J Palliat Med*. 2014 Mar;17(3):342-345. Doi. 10.1089/jpm.2013.0474.
4. *Robinson DA*, **Whitmill, ML**. Management of severe musculoskeletal trauma following a dog mauling attack in a nonagenarian. *Journal of Clinical Gerontology & Geriatrics*. 2014 Mar 5(1):28-30. DOI: 10.1016/j.jcgg.2013.08.002.
5. *Armstrong RL*, *Heyse PB*. Gastropleural fistula in metastatic ovarian cancer. *J Surg Case Rep*. 2014 May 19;2014(5). Pii: rju033. Doi: 10.1093/jscr/rju033.
6. *Farag A*, **Parikh PP**, **Malik TA**, **Kauffman S**. A novel approach using liquid embolic agent for the treatment of pancreatic-cutaneous fistulas: Report of a case. *International Journal of Surgery Case Reports xxx* (2014) xxx-xxx. DOI: <http://dx.doi.org/10.1016/j.ijscr.2014.10.082>.
7. **Roelle, M**, **McCarthy MC**. Choosing your first job. *Association of Women Surgeons Surgical Career Guide*. Book Chapter.
8. *Stuever M*, **Ekeh AP**. Complications of biliary tract surgery and complications in surgery and trauma. 2<sup>nd</sup> Edition. Stephen M. Cohen & Matthew Dolich, Editors 2014.

**Significant presentations** [e.g., to academic societies, medical schools and national professional societies.]

#### Invited Presentations

1. *Fox, JP*. Hospital care after outpatient surgery more common than expected. Medscape. May 01, 2014. Available from: <http://www.medscape.com/viewarticle/824430>.

#### Oral Presentation

1. **Scott, RP**. The benefits of standards in healthcare training simulation: The MedBiquitous virtual patient standard use case. Oral presentation at: International Meeting on Simulation in Healthcare (IMSH) 2014 Conference; 2014 Jan 25-29; San Francisco, CA.
2. *Heid C*, **Parikh PP**, **Markert RJ**, **Ekeh AP**. Motorcycles versus all-terrain vehicles: A comparison of injuries. Oral presentation at: 9<sup>th</sup> Annual Academic Surgical Congress; 2014 Feb 4-6; San Diego, CA.
3. *Beaulieu R*, **Ekeh AP**, **Markert RJ**, **Parikh PJ**, **McCarthy MC**, **Parikh PP**. Early prediction of trauma patient discharge disposition. Oral presentation at: 9<sup>th</sup> Annual Academic Surgical Congress; 2014 Feb 4-6; San Diego, CA.

4. *Craig PG, Markert RJ, Saxe J, Parikh PP.* Hernia repairs and outcomes: Predictors of infection. Oral presentation at: 9<sup>th</sup> Annual Academic Surgical Congress; 2014 Feb 4-6; San Diego, CA.
5. *Fox, JP, Saxe JM.* Variation in hospital's charges relative to outcomes achieved among patients undergoing colectomy for cancer. Oral presentation at: Central Surgical Association 2014 Annual Meeting; 2014 Mar 6; Indianapolis, IN.
6. *Meagher DP Jr.* Pediatric burn care in not quite a burn center. Oral presentation at: North American Burn Society 32<sup>nd</sup> Annual Meeting; 2014 Jan 18-22; Crested Butte, CO.
7. *Miller A, Rodriguez J, Hellan M.* Laparoscopic-robotic Ivor-Lewis esophagectomy with fluorescence imaging. Video presentation at: 2014 SAGES Annual Meeting; 2014 Apr 2-5; Salt Lake City, UT.
8. *Palumbo A, Hendershot KM, Parikh PP.* Pregnancy during surgical residency: Perceptions and social implications. Oral presentation at: Surgical Education Week 2014 APDS/ARCS/ASE Annual Meeting; 2014 Apr 11; Chicago, IL.
9. *Hendershot KM, Woods, RJ, Parikh PP, Whitmill M.* Service vs. Education: Situational and perceptual differences in surgery residency. Oral presentation at: Surgical Education Week 2014 APDS/ARCS/ASE Annual Meeting; 2014 Apr 9; Chicago, IL.
10. *Palumbo A, Hendershot KM, Parikh PP.* Pregnancy during surgical residency: Perceptions and social implications. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
11. *Sweet E, Ouellette J, Hellan M.* The use of robotic surgery for resection of gastric submucosal tumors. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
12. *Chaudhary M, Matsuura J.* A retrospective review in operative interventions of the Magellan robotic endovascular catheter. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
13. *Bates B, Hellan M, Kauffman S, Ouellette J.* Irreversible electroporation: An institution experience. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
14. *Ilyas S, Rosenberg S.* Preliminary data on randomized trial evaluating adoptive cell therapy with nonmyeloblastic chemotherapy alone or in conjunction with 12Gy total body irradiation. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
15. *Myers R, Parikh PJ, McCarthy MC.* Quality improvement lessons from the US auto industry and interruptions being experienced by care providers at Miami Valley Hospital. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
16. *Pyatka N, Miller A, Cao CG.* Yelling will not make me learn better. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
17. *Gans A, Matsuura J.* Acute decompression for venous hypertension from IVC gunshot injury and ligation with femoral to axillary vein bypass. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
18. *Bonta A, Matsuura J.* Contrast injection facilitates pharmacomechanical thrombectomy using the Trellis device; Bedside placement of IVC filters using intravascular ultrasound: Initial experience of two cases at Miami Valley Hospital. Oral presentation at: Daniel W. Elliott Resident Research Symposium; 2014 Apr 23; Dayton, OH.
19. *Cox J, Shorten P, Gould G, Markert RJ, Barnett MD, Laughlin RL.* Knotted vs. knotless suture bridge repair of the Achilles tendon insertion: A biomechanical study. Oral presentation at: Mid America Orthopaedic Association. 2014 Apr 26. San Antonio, TX.
20. *Cox J, Shorten P, Gould G, Markert RJ, Barnett MD, Laughlin RL.* Knotted vs. knotless suture bridge repair of the Achilles tendon insertion: A biomechanical study. Oral presentation at: Ohio Orthopaedic Society; 2014 May 15-16, Dublin, OH.
21. *Stitgen A, Poludniayk K, Dulaney-Cripe E, Markert RJ, Prayson M.* Adherence to preoperative cardiac clearance guidelines in hip fracture patients. Oral presentation at: Ohio Orthopaedic Society. 2014 May 15-16; Dublin, OH.
22. *King KS, Scott RP, Davidson ME, Bope ET.* Integrating instructional strategies with thick narrative branching simulations. Panel presentation at: MedBiquitous Annual conference 2014; 2014 May 20; Baltimore, MD.
23. *King KS, Scott RP, Davidson ME, Bope ET.* Branching simulation designs for virtual patients. Panel presentation at: MedBiquitous Annual conference 2014; 2014 May 20; Baltimore, MD.
24. *Scott RP, Stogsdill M.* Optimally applying a full range of simulation modalities to experienced healthcare providers across the VHA vertically integrated service network. Panel presentation at: MedBiquitous Annual conference 2014; 2014 May 20; Baltimore, MD.

25. **Scott RP**, Willet T, Smothers V. The competencies working group update: The performance framework. Panel presentation at: MedBiquitous Annual conference 2014; 2014 May 20; Baltimore, MD.
26. **Hutchinson P, Parikh P, Walusimbi M, Whitmill M, Ekeh AP**. The effect of early chemoprophylaxis on deep venous thrombosis and inferior vena cava filter rates in head injured patients. Oral presentation at: 15<sup>th</sup> European Conference of Trauma and Emergency Surgery; 2014 May 25; Frankfurt, Germany.
27. Mufti O, Quarishi B, Patel A, **Markert RJ**, Agarwal A. Long term mortality rates in the high risk US veteran population with atherothrombotic risk factors: A retrospective study. Presentation at: Society for Cardiovascular Angiography and Interventions; 2014 May 28-31; Las Vegas, NV.
28. Abdul JA, Mufti O, Sabol A, **Markert RJ**, Broderick G. Trans-radial access for coronary angiography and the risk of contrast induced nephropathy. Presentation at: Society of Cardiac Angiography and Intervention; 2014 May 28-31; Las Vegas, NV.
29. Patel A, Quarishi B, Mufti O, **Markert RJ**, Agarwal A. Is prior coronary revascularization related to higher mortality rate in a high risk US veteran population? Oral presentation at: World Congress of Heart disease; 2014 Jul 26; Boston, MA.
30. **Stevens RB**, Foster K, Miles C, Rigley T, Kalil A, **Wrenshall LE**. A randomized 2x2 factorial trial: Part 1, single-dose rATG induction improves long-term renal transplant outcomes. Paper presented at: World Transplant Congress; 2014 Jul 29; San Francisco, CA.
31. **Ilyas S, Ouellette JR**. Resection of gastrohepatic fistula after TACE for hepatocellular carcinoma. Oral presentation at: Midwest Surgical Association 2014 Annual Meeting; 2014 Aug 3; Mackinac Island, MI.
32. **Bourgon AL, Saxe JM, Woods RJ, Fox JP**. Outcomes and charges associated with outpatient inguinal hernia repair according to method of anesthesia and surgical approach. Oral presentation at: Midwest Surgical Association 2014 Annual Meeting; 2014 Aug 3; Mackinac Island, MI.
33. **Matsuura J**. Early experience with the Magellan robotic catheter. Oral presentation at: Midwestern Vascular Surgery Society; 2014 Sep 4-6; Iowa City, IA.
34. **Sweet E, Gustafson JG, Malarkey SM, Ouellette J, Hellan M**. The use of robotic surgery for resection of gastric submucosal tumors. Oral presentation at: Minimally Invasive Surgery Week, SLS Annual Meeting; 2014 Sep 10-13; Las Vegas, NV.
35. **Hutchinson P, Parikh PP, Walusimbi M, Whitmill M, Ekeh AP**. The effect of early chemoprophylaxis on deep venous thrombosis and inferior vena cava filter rates in head injured patients. Oral presentation at: 73<sup>rd</sup> Annual Meeting of AAST and Clinical Congress of Acute Care Surgery; 2014 Sep 10; Philadelphia, PA.
36. **Stuever MF, Hendershot KM, Parikh PP, Russeau A, McCarthy MC, Ekeh AP**. The geriatric trauma team: A novel approach to caring for elderly trauma patients. Oral presentation at: Ohio Committee on Trauma, ACS Trauma Paper Competition; 2014 Oct 13; Cleveland, OH.
37. **Hellan M**. The influence of fluorescence imaging on the location of bowel transection during left-sided colorectal surgery. Invited speaker at: Clinical Robotic Surgery Association (CRSA); 2014 Oct 24; San Francisco, CA.
38. **Sweet E, Gustafson JG, Malarkey SM, Ouellette J, Hellan M**. Minimally invasive techniques for resection of gastric submucosal tumors. Oral presentation at: Central Research Forum; 2014 Oct 15; Dayton, OH.
39. **Hellan M**. The use of fluorescence imaging in robotic esophagectomies. Invited speaker at: Clinical Robotic Surgery Association (CRSA); 2014 Oct 25; San Francisco, CA.
40. **Hellan M, Ouellette J, Lagares-Garcia JA, Rauh SM, Kennedy HL, Nicholson JD, Nesbitt D, Johnson CS, Pigazzi A**. A retrospective multicenter analysis of robotic ultra-low rectal cancer resection. Oral presentation at: Clinical Robotic Surgery Association (CRSA); 2014 Oct 24; San Francisco, CA.
41. **Carratola M, Parikh PP, Markert RJ, Saxe JM**. ICU Recidivism: Does respiratory evaluation matter? Oral presentation at: XXVII Panamerican Trauma Congress; 2014 Nov 13; Panama City, Panama.

#### Poster Presentation

1. Myers RA, **Parikh PJ, Ekeh AP**, Denlinger E, **McCarthy, MC**. Scheduling of midlevel providers at level 1 trauma centers. Poster presentation at: Eastern Association for the Surgery of Trauma (EAST) 27<sup>th</sup> Annual Scientific Assembly; 2014 Jan 14-18; Naples, FL.
2. **Craig P, Markert RJ, Parikh PP**, Saxe JM. Hernia repairs and outcomes: does gender matter? Poster presentation at: Southeastern Surgical Congress; 2014 Feb 22-25; Savannah, GA.



3. **Bates B, Ouellette J, Kauffman S, Hellan M.** A single institution experience with irreversible electroporation for pancreatic cancer. Poster presentation at: Society of Surgical Oncology 67<sup>th</sup> Annual Cancer Symposium; 2014 Mar 12-15; Phoenix, AZ.
4. **Il'Giovine Z, Campbell D, Whitmill M, Markert RJ, Saxe JM.** Is repeat CT necessary in mild traumatic brain injury in the elderly? Poster presentation at: International Brain Injury Association Tenth World Congress on Brain Injury; 2014 Mar 20; San Francisco, CA
5. **Il'Giovine Z, Campbell D, Whitmill M, Markert RJ, Saxe JM.** Do all elderly patients with mild traumatic brain injury require admission? Poster presentation at: International Brain Injury Association Tenth World Congress on Brain Injury; 2014 Mar 20; San Francisco, CA
6. **Miller A, Saxe JM, Cao CG.** ICG infrared imaging: A novel alternative to intraoperative cholangiography. Poster presentation at: 2014 SAGES Annual Meeting; 2014 Apr 2-5; Salt Lake City, UT.
7. **Pyatka N, Flinn J, Miller A, Brewer J, Wang J, Lou Y, Cao CG.** Yelling will not make me learn better! Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
8. **Il'Giovine Z, Campbell D, Whitmill M, Markert RJ, Saxe JM.** Is repeat CT necessary in mild traumatic brain injury in the elderly? Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
9. **Il'Giovine Z, Campbell D, Whitmill M, Markert RJ, Saxe JM.** Do all elderly patients with mild traumatic brain injury require admission? Poster presentation at: Poster session presented at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
10. **Anderson C, Walusimbi MS, Ekeh AP, Hendershot KM, Lebamoff D, Williams P, Saxe JM, Tchorz KM, Whitmill ML, Woods RJ, Roelle MP, Barney LM, McCarthy, MC.** Cost-efficacy of laparoscopic cholecystectomy using the harmonic scalpel. Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
11. **Hutchinson P, Parikh PP, Walusimbi M, Whitmill M, Ekeh AP.** The effect of early chemoprophylaxis on deep venous thrombosis and inferior vena cava filter rates in head injured patients. Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
12. **Choudry S, Walusimbi M.** CT scan or physical exam: which is a better diagnostic tool for incarcerated hernia? Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
13. **Bates B, Ouellette J, Kauffman S, Hellan M.** An institution's experience with irreversible electroporation in the pancreas. Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
14. **Bates B, Ouellette J, Kauffman S, Hellan M.** Irreversible electroporation: An institutional experience. Poster presentation at: Wright State University Boonshoft School of Medicine 6<sup>th</sup> Annual Medical Student Research Symposium; 2014 Apr 10; Dayton, OH.
15. **Mehmood M, Markert RJ, Chandra MS, McCarthy MC, Tchorz KM.** Relationship of pulmonary arterial compliance and pulmonary vascular resistance in critically ill mechanically ventilated surgical patients. Poster presentation at: 2014 Combined Annual Meeting of CSCTR and MWAFMR; 2014 Apr 25; Chicago, IL.
16. **Mehmood M, Mukul CS, Markert RJ, McCarthy MC, Tchorz KM.** B-type natriuretic peptide in the surgical intensive care unit: Association with wedge pressure and significance of change. Poster presentation at: 2014 Combined Annual Meeting of CSCTR and MWAFMR; 2014 Apr 25; Chicago, IL.
17. **Matsuura, J, Chaudhary M.** A retrospective review in operative interventions and outcomes of the Magellan ® robotic endovascular catheter. Poster presentation at: Dayton Area Graduate Medical Education Community Virginia C. Wood Resident Research Forum; 2014 Apr 24; Dayton, OH.
18. **Desai K, Burdette S, Carter L, Markert RJ.** Spontaneous spinal epidural abscess: Clinical comparison of Staphylococcus aureus and non-Staphylococcus aureus infections. Poster presentation at: Dayton Area Graduate Medical Education Community Virginia C. Wood Resident Research Forum; 2014 Apr 24; Dayton, OH.
19. **Booher K, Desai K, Pleiman C, Markert RJ, Burdette S, Polenakovic H.** Rapid intravenous antibiotic desensitization: Clinical experience at a single center. Poster presentation at: Dayton Area Graduate Medical Education Community Virginia C. Wood Resident Research Forum; 2014 Apr 24; Dayton, OH.

20. Warren W, **Markert RJ**, Stewart E. Malignant mimicker: Characterization of malignancy in incidentally discovered pulmonary nodules within a histoplasmosis endemic area. Poster presentation at: Dayton Area Graduate Medical Education Community Virginia C. Wood Resident Research Forum; 2014 Apr 24; Dayton, OH.
21. **Bates B, Hellan M, Kauffman S, Ouellette J**. Irreversible electroporation: An institutional experience. Poster presentation at: 54<sup>th</sup> Annual SSAT in conjunction with Digestive Disease Week; 2014 May 3-6, Chicago, IL.
22. **Bates B, Ouellette J, Hellan M, Kauffman S**. Serial imaging after irreversible electroporation. Poster presentation at: World Conference on Interventional Oncology; 2014 May 11-14, New York, NY.
23. Saxe JM, *Campbell D, Il'Giovine Z, Markert RJ, Whitmill M*. Platelet function in traumatic brain injury; does the type of test matter? Poster presentation at: 15<sup>th</sup> European Conference of Trauma and Emergency Surgery; 2014 May 26; Frankfurt, Germany.
24. Abdul JA, Mufti O, Ashan C, **Markert RJ**, White B, Broderick G. High sensitivity troponin and the risk of flow limiting coronary artery disease in NSTEMI-ACS: A single center NCDR study. Presentation at: Society of Cardiac Angiography and Intervention. 2014 May 28-31. Las Vegas, NV.
25. **Scott, R**, Dominguez M. The VA Virtual Medical Center. Setting a vision for a virtual healthcare campus for our veterans. Poster presentation at: 18<sup>th</sup> Annual Meeting of the International Association of Medical Science Educators (IAMSE); 2014 June 7-10; Nashville, TN.
26. **Scott RP**, Davidson M, Kunkel T, King K, VISN 10 Simulation Consortium.. Advancing Excellence in PACT palliative Care using novel simulation-based strategies. Poster presentation at: Patient Drive Care: Does Quality Palliative Care Begin with PACT? Virtual conference; 2014 June 11.
27. **Stevens RB**, Foster K, Miles C, Rigley T, **Wrenshall LE**. A randomized trial of renal transplantation: Steroid and calcineurin-inhibitor withdrawal after rabbit anti-thymocyte globulin induction. Poster presentation at: World Transplant Congress; 2014 Jul 27; San Francisco, CA.
28. **Matsuura J**. Axillofemoral venous bypass for acute decompression of venous hypertension after emergency ligation of the inferior vena cava. Poster presentation at: Midwestern Vascular Surgery Society; 2014 Sep 4-6; Iowa City, IA.
29. Mehmood M, **Markert RJ**, Chandra MS, **McCarthy MC, Tchorz, KM**. Pulmonary Arterial Capacitance and Pulmonary Vascular Resistance are Inversely Related and May Predict Mortality in Critically Ill Mechanically Ventilated Surgical Patients. Poster presentation at: 18<sup>th</sup> Annual Scientific meeting of the Heart Failure Society of America; 2014 Sep 15-16; Las Vegas, NV.
30. **Stuever MF, Hendershot KM, Parikh PP, Russeau A, McCarthy MC, Ekeh AP**. The geriatric trauma team: A novel approach to caring for elderly trauma patients. Poster presentation at: 73<sup>rd</sup> Annual Meeting of AAST and Clinical Congress of Acute Care Surgery; 2014 Sep 10; Philadelphia, PA.
31. Desai K, Burdette S, Carter L, **Markert RJ**. Spontaneous spinal epidural abscess: Clinical comparison of Staphylococcus aureus and non-Staphylococcus aureus infections. Poster presentation at: Infectious Diseases Society of America. 2014 Oct 9; Philadelphia, PA.
32. Booher K, Desai K, Pleiman C, **Markert RJ**, Burdette S, Polenakovic H. Rapid intravenous antibiotic desensitization: Clinical experience at a single center. Poster presentation at: Infectious Diseases Society of America. 2014 Oct 9; Philadelphia, PA.
33. Mehmood M, **Markert RJ**, Chandra M, **McCarthy MC, Tchorz KM**. Relevance of pulmonary arterial capacitance in mechanically ventilated critically ill trauma and surgical patients. Poster presentation at: Ohio-ACC 24<sup>th</sup> Annual Meeting and 3<sup>rd</sup> Annual Richard Lewis Memorial Lecture; 2014 Oct 11; Columbus, OH.
34. Abdul JA, Ali O, **Markert RJ**, Broderick G, White B. Right ventricular outflow to aortic valve velocity ratio: A relative dimensionless index for severe aortic stenosis. Poster presentation at: Ohio American College of Cardiology; 2014 Oct 11; Columbus, OH.
35. Ali O, Haider T, Sayeed A, Wase A, White B, **Markert RJ**, Abdul JA. The left arterial ejection force: A marker of left atrial involvement in patients with severe aortic stenosis. Poster presentation at: Ohio American College of Cardiology; 2014 Oct 11; Columbus, OH.
36. Stitgen A, Poludniayk K, Dulaney-Cripe E, **Markert RJ**, Prayson M. Adherence to preoperative cardiac clearance guidelines in hip fracture patients. Poster presentation at: Mid-America Orthopaedic Association. 2014 Oct 16-18; Tampa, FL.

37. *Stuever M, Hendershot KM, Russeau A, Parikh PP, McCarthy MC, Ekeh AP.* The geriatric trauma team: A novel approach to caring for elderly trauma patients. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
38. *Joseph K, Parikh PP, Ekeh AP, Falls, G.* A system analysis for follow up in traumatic blunt aortic injury patients who undergo TEVAR: 8-year experience of a level 1 trauma center. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
39. *Tayim R, Ekeh AP, McCarthy MC.* Prevention of unplanned invasive device removal in trauma patients: A detailed analysis of trends surrounding removal events. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
40. *Warren W, Markert RJ, Stewart E.* Malignant mimicker: Characterization of malignancy in incidentally discovered pulmonary nodules within a histoplasmosis endemic area. Poster presentation at: Ohio American College of Physicians; 2014 Oct; Columbus, OH.
41. *Scott R, Randall G, Smith C, Buchannan E, Pera M, Burgard J.* Optimally applying a full range of simulation modalities to teach psychomotor, cognitive and communication skills across a vertically integrated service network. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
42. *Hehr J, Markert RJ, Saxe JM.* Substance abuse and perioperative pain management in trauma patients. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
43. *Shorten P, Markert RJ, Lee J, Laughlin R.* The impact of the 80-hour work week on orthopaedic in-training examination and the American Board of Orthopaedic Surgery Part 1 examination scores. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
44. *Bales A, Siska RC, Schneider MA, VanderWal E, VanderWal H, McCarthy MC.* HIV prevention in Swaziland: Rate of adverse events from voluntary medical male circumcisions in relation to age, weight and seasonal temperature differences. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
45. *Dennis J, VanderWal H, VanderWal E, McCarthy MC.* Pain assessment in circumcision patients in Swaziland. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
46. *Sweet E, Hellan M, Ouellette J.* Minimally invasive techniques for resection of gastric submucosal tumors. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
47. *Ruffin A, Tozzi F, Hellan M, Parikh PP.* Robotic surgery training during residency: Knowledge and perception of residents. Poster presentation at: Central Research Forum; 2014 Oct 16; Dayton, OH.
48. *Kumar G, Hinkle L, Okoye N, Kahlon D, Markert RJ.* Incorporating palliative care in cancer management. Presentation at: Center for Advanced Palliative Care; 2014 Nov; Orlando, FL.

**Other recognition** [e.g. editorships, reviewer awards]

|                          |  |
|--------------------------|--|
| Arturo Aranda-Gracia, MD | <ul style="list-style-type: none"> <li>• Pacific Association of Pediatric Surgeons               <ul style="list-style-type: none"> <li>○ Editorial Committee</li> <li>○ Board member scientific and publications committee</li> </ul> </li> </ul> |
| Linda Barney, MD         | <ul style="list-style-type: none"> <li>• Reviewer: American Journal of Surgery ASE submissions</li> </ul>  |
| Margaret Dunn, MD        | <ul style="list-style-type: none"> <li>• Reviewer: Academic Medicine</li> <li>• Reviewer: MedED Portal</li> </ul>  |

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|---------------------------|---|
| Peter Ekeh, MD            | <ul style="list-style-type: none"> <li>• Reviewer: American Journal of Surgery</li> <li>• Reviewer: Journal of Surgical Research</li> <li>• Reviewer: Journal of Trauma</li> <li>• Reviewer: Surgery</li> <li>• Reviewer: World Journal of Surgery</li> <li>• Reviewer: Injury Prevention Journal</li> <li>• Reviewer: African Journal of Trauma</li> </ul>   |
| Minia Hellan, MD          | <ul style="list-style-type: none"> <li>• Ad Hoc Reviewer: European Journal of Surgical Oncology</li> <li>• Add Hoc Reviewer: International Journal of Medical Robotic and Computer Assisted Surgery</li> <li>• Proctor: Robotic Surgery</li> </ul>  |
| Mary C. McCarthy, MD      | <ul style="list-style-type: none"> <li>• Reviewer: Journal of Trauma</li> <li>• Reviewer: Journal of Surgical Research</li> <li>• Reviewer: Surgery</li> <li>• Reviewer: American Journal of Surgery</li> <li>• Reviewer: Injury</li> <li>• Editor: American College of Surgeons Web Portal</li> <li>• Reviewer – ACS Verification and Consultation Program for Trauma Centers: Kings County Hospital Center, Brooklyn NY, Indiana University Health Ball Memorial Hospital, Muncie IN, LeBonheur Children’s Hospital, Memphis, TN, University of Kentucky Chandler Hospital and Kentucky Children’s Hospital, Lexington, KY</li> </ul> |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>• Ad Hoc Reviewer: American Journal of Surgery</li> </ul>  |
| Priti Parikh, PhD         | <ul style="list-style-type: none"> <li>• Editorial Board Member : Journal of Surgery</li> </ul>   |
| Brian Stevens, MD, PhD    | <ul style="list-style-type: none"> <li>• Editorial Board Member: Clinical Transplantation</li> <li>• Ad Hoc Reviewer: American Journal of Transplantation</li> <li>• Ad Hoc Reviewer: Transplantation</li> <li>• Ad Hoc Reviewer: Cell Transplantation</li> <li>• Ad Hoc Reviewer: International Journal of Transplantation</li> </ul>  |
| Lucile Wrenshall, MD, PhD | <ul style="list-style-type: none"> <li>• Ad Hoc Reviewer: Proceedings of the National Academy of Sciences</li> <li>• Ad Hoc Reviewer: American Journal of Transplantation</li> <li>• Ad Hoc Reviewer : The Journal of Immunology</li> <li>• Ad Hoc Reviewer: The Journal of Histochemistry and Cytochemistry</li> </ul>   |

## 6 Summary of Service Activities

## Student advising

|                         |   |
|-------------------------|---|
| Linda Barney, MD        | <ul style="list-style-type: none"> <li>• Rachel Liou (2014)</li> <li>• Claire Dolan (2014)</li> </ul>   |
| John Bini, MD           | <ul style="list-style-type: none"> <li>• Academic advisor to military PGY4 and PGY5 residents</li> </ul>  |
| Peter Ekeh, MD          | <ul style="list-style-type: none"> <li>• Chadwick Garner (2014)</li> </ul>  |
| Garietta Falls, MD      | <ul style="list-style-type: none"> <li>• Steve Holfinger (2014)</li> <li>• Riyadh Tayim (2014)</li> </ul>   |
| Minia Hellan, MD        | <ul style="list-style-type: none"> <li>• Matt Huang (2013-2015)</li> <li>• Deanna Jacobs (2013-2014)</li> <li>• Abbie Goodman (2014-2015)</li> </ul>      |
| Kimberly Hendershot, MD | <ul style="list-style-type: none"> <li>• Kara Joseph (2014)</li> <li>• Christina Anderson (2014)</li> <li>• Ronnie Brown (2013-2014)</li> </ul>           |
| John Matsuura, MD       | <ul style="list-style-type: none"> <li>• Jayne Miely (2014)</li> </ul>  |
| James Ouellette, DO     | <ul style="list-style-type: none"> <li>• Udit Singhal (2013-2015)</li> <li>• Benjamin Bates (2013-2014)</li> <li>• Michael Finucan (2014-2015)</li> </ul> |

### Research Advisor

|                      |   |
|----------------------|---|
| Priti Parikh, PhD    | <ul style="list-style-type: none"> <li>• Paul Craig</li> <li>• Amye Farag</li> <li>• Andrew Russeau</li> <li>• Ronnie Brown</li> <li>• Jordan Jacobsen</li> <li>• Robert Beaulieu</li> <li>• Chris Heid</li> <li>• Kara Joseph</li> <li>• April Ruffin</li> <li>• Mary Rundkle</li> <li>• Maria Carratola</li> <li>• Ronnie Erdelyi</li> <li>• Andrew Martin</li> </ul> |
| Melissa Roelle, MD   | <ul style="list-style-type: none"> <li>• Caria Caratolla (2014)</li> <li>• Katherine Babbitt (2014-2016)</li> <li>• Nicole Cranker (2014-2016)</li> <li>• Amye Farag (2014-2016)</li> </ul>   |
| William Rundell, MD  | <ul style="list-style-type: none"> <li>• Sarita Metzger (2014-2015)</li> <li>• Brian Patterson (2014-2016)</li> <li>• Graham Pallante (2014)</li> </ul>   |
| Rosalyn Scott, MD    | <ul style="list-style-type: none"> <li>• Anthony Jackson (2014)</li> <li>• Christen Johnson (2014)</li> </ul>   |
| Melissa Whitmill, MD | <ul style="list-style-type: none"> <li>• Christopher Heid (2014-2015)</li> <li>• Safoora Choudry (2014-2015)</li> </ul>   |
| Randy Woods, MD      | <ul style="list-style-type: none"> <li>• Andrew Russeau (2014)</li> <li>• Kevin Magone (2014)</li> <li>• April Ruffin (2014-2015)</li> <li>• Jordan Jacobsen (2014-2016)</li> </ul>   |

## Committee membership/officer [indicate if committee chair]

### Wright State University Boonshoft School of Medicine [or college name]

|                  |   |
|------------------|---|
| Linda Barney, MD | <ul style="list-style-type: none"> <li>• Wright State University Boonshoft School of Medicine Academy of Medicine <ul style="list-style-type: none"> <li>○ Board of Trustees</li> <li>○ Awards Committee</li> <li>○ Membership Committee</li> </ul> </li> <li>• Wright State University Boonshoft School of Medicine</li> </ul> |
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|---------------------------|---|
|                           | University Physicians Compliance Committee  |
| Margaret Dunn, MD         | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Executive Committee</li> <li>Wright State University Boonshoft School of Medicine Strategic Planning Resource Committee</li> </ul>  |
| Peter Ekeh, MD            | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Promotions Committee</li> </ul>   |
| Kimberly Hendershot, MD   | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Biennium II subcommittee</li> <li>Wright State University Boonshoft School of Medicine Surgery Club faculty advisor</li> <li>Wright State University Boonshoft School of Medicine Patient Safety and Quality Improvement Council/Committee</li> </ul>   |
| Mary C. McCarthy, MD      | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Psychiatry Chair search committee</li> <li>Wright State University Boonshoft School of Medicine Assistant Vice President for Advancement search committee</li> </ul>  |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Neurology Chair search committee</li> </ul>   |
| Priti Parikh, PhD         | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Researchers in Clinical Departments Committee</li> <li>Wright State University Boonshoft School of Medicine Medical Student Research Task Force Committee</li> <li>Wright State University Boonshoft School of Medicine Medical Student (B1) elective course curriculum subcommittee</li> </ul> |
| Melissa Roelle, MD        | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Faculty Curriculum Committee</li> <li>Wright State University Boonshoft School of Medicine Biennium II Committee</li> </ul>   |
| William Rundell, MD       | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Surgery Club <ul style="list-style-type: none"> <li>Faculty advisor</li> </ul> </li> </ul>  |
| Kathryn Tchorz, MD        | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Research Committee</li> </ul>   |
| Melissa Whitmill, MD      | <ul style="list-style-type: none"> <li>Wright State University Boonshoft School of Medicine Doctoring Phase Subcommittee</li> </ul>   |
| Randy Woods, MD           | <ul style="list-style-type: none"> <li>Graduate Medical Education Consortium <ul style="list-style-type: none"> <li>Executive Committee</li> </ul> </li> </ul>  |
| Lucile Wrenshall, MD, PhD | <ul style="list-style-type: none"> <li>Living Donor Kidney Program <ul style="list-style-type: none"> <li>Director</li> </ul> </li> </ul>   |

## Wright State University

|                   |   |
|-------------------|---|
| Linda Barney, MD  | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Executive Committee</li> <li>Wright State University Department of Surgery Residency Committee</li> <li>Wright State University Department of Surgery Curriculum Development and Implementation Committee</li> </ul> |
| Margaret Dunn, MD | <ul style="list-style-type: none"> <li>Senior Advisor to the Dean</li> </ul>  |

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|---------------------------|---|
| Peter Ekeh, MD            | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Faculty Actions Committee</li> </ul>   |
| Minia Hellan, MD          | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Medical Director, Robotic Surgical Oncology</li> </ul>   |
| Mary C. McCarthy, MD      | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Executive Committee <ul style="list-style-type: none"> <li>Chair</li> </ul> </li> <li>Wright State University Department of Surgery Residency Committee</li> <li>Wright State University Department of Surgery Resident Selection Committee</li> <li>Wright State University Department of Surgery Trauma Research Committee</li> <li>Wright State University Department of Surgery Faculty Committee</li> </ul> |
| David P. Meagher, Jr., MD | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Executive Committee</li> </ul>   |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>Wright State University, Department of Surgery Surgical Oncology Division Chief</li> <li>Wright State University Associate Program Director – Kettering Medical Center</li> </ul>  |
| Louisa Pecchioni, MD      | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Milestone Committee</li> <li>Wright State University Department of Surgery Residency Committee</li> </ul>  |
| Jeffrey Pence, MD         | <ul style="list-style-type: none"> <li>Wright State University Department of Surgery Committee on Residency Dayton Children's Hospital</li> </ul>   |
| Melissa Roelle, MD        | <ul style="list-style-type: none"> <li>Wright State University, Department of Surgery Clinical Competency Committee</li> <li>Wright State University, Department of Surgery Student Education Committee</li> </ul>  |
| Melissa Whitmill, MD      | <ul style="list-style-type: none"> <li>Wright State University Graduate Medical Education Committee (GMEC)</li> <li>Wright State University Strategic Planning Committee</li> </ul>   |

### Wright State Physicians

|                   |   |
|-------------------|---|
| Linda Barney, MD  | <ul style="list-style-type: none"> <li>Wright State Physicians Department of Surgery Residency Committee</li> <li>Wright State Physicians Department of Surgery Milestone Committee (senior residents)</li> </ul> |
| Margaret Dunn, MD | <ul style="list-style-type: none"> <li>Wright State Physicians Department of Surgery Promotion Committee</li> </ul>   |

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| Garietta Falls, MD      | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Student Education Committee</li> <li>• Wright State Physicians Department of Surgery Morbidity and Mortality Committee</li> <li>• Wright State Physicians Department of Surgery Committee on Residency</li> </ul>   |
| Minia Hellan, MD        | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Milestones Committee</li> <li>• Wright State Physicians Department of Surgery Clinical Competency Committee</li> </ul>  |
| Kimberly Hendershot, MD | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Trauma Research Committee</li> <li>• Wright State Physicians Department of Surgery Medical Education Committee</li> <li>• Wright State Physicians Department of Surgery Clerkship Committee</li> <li>• Wright State Physicians Department of Surgery Committee on Residency</li> <li>• Wright State Physicians Department of Surgery Resident Selection subcommittee</li> <li>• Wright State Physicians Department of Surgery ICU Fellowship Committee</li> </ul> |
| John Matsuura, MD       | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Committee on Residency</li> </ul>   |
| Mary C. McCarthy, MD    | <ul style="list-style-type: none"> <li>• Wright State Physicians Executive Committee</li> <li>• Wright State Physicians Management Committee</li> <li>• Wright State Physicians Board of Directors</li> <li>• Wright State Physicians CEO Search Committee</li> </ul>  |
| James Ouellette, DO     | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Milestones Committee</li> <li>• Wright State Physicians Department of Surgery Clinical Competency Committee</li> <li>• Wright State Physicians Department of Surgery Executive Committee</li> <li>• Wright State Physicians Finance Committee</li> <li>• Wright State Physicians Board of Directors</li> </ul>  |
| Priti Parikh, PhD       | <ul style="list-style-type: none"> <li>• Department of Surgery Research Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> </ul>  |
| Melissa Roelle, MD      | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Executive Committee</li> </ul>  |
| William Rundell, MD     | <ul style="list-style-type: none"> <li>• Wright State Physicians Department of Surgery Executive Committee</li> </ul>  |
| Melissa Whitmill, MD    | <ul style="list-style-type: none"> <li>• Wright State Physicians, Department of Surgery Trauma Multidisciplinary Research Committee</li> <li>• Wright State Physicians, Department of Surgery Clinical Competency Committee</li> <li>• Wright State Physicians, Department of Surgery Milestones Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Wright State Physicians, Department of Surgery Executive Committee</li> <li>• Wright State Physicians Department of Surgery Strategic Planning Committee</li> </ul>     |

**Hospital or affiliated institution** [name]



|                           |  |
|---------------------------|--|
| Mark Anstadt, MD          | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Endovascular Committee</li> <li>• Miami Valley Hospital Trauma Committee</li> <li>• Miami Valley Hospital Department of Surgery M&amp;M Committee</li> <li>• Miami Valley Hospital Organization Performance Committee</li> </ul>  |
| Linda Barney, MD          | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Endoscopy Committee</li> <li>• Miami Valley Hospital Directors of Education Committee</li> </ul>  |
| Margaret Dunn, MD         | <ul style="list-style-type: none"> <li>• Veterans Affairs Medical Center Healthcare System of Ohio (VISN 10) Academic Leadership Council</li> </ul>  |
| Peter Ekeh, MD            | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Trauma Committee</li> <li>• Miami Valley Hospital Operating Room Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Miami Valley Hospital Medical Staff Executive Council</li> </ul>   |
| Garietta Falls, MD        | <ul style="list-style-type: none"> <li>• Good Samaritan Hospital Resident and Student Education Committee</li> <li>• Miami Valley Hospital CQVA Peripheral Vascular Core Team</li> <li>• Miami Valley Hospital Endovascular Committee</li> </ul>   |
| Minia Hellan, MD          | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Complimentary Medicine Committee</li> <li>• Miami Valley Hospital Oncology Committee</li> <li>• Miami Valley Hospital Robotic Surgery Committee</li> <li>• Kettering Medical Center Robotic Surgery Committee</li> </ul>  |
| Kimberly Hendershot, MD   | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Trauma Committee</li> <li>• Miami Valley Hospital Trauma Joint Practice Committee</li> <li>• Miami Valley Hospital Emergency Operations Committee</li> </ul>  |
| Tamer Malik, MD           | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Pharmacy and Therapeutics Committee</li> </ul>  |
| John Matsuura, MD         | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Vascular Advisory Board</li> <li>• Miami Valley Hospital Care Discovery Quality Benchmarks Committee</li> <li>• Miami Valley Hospital Optimization of Resources in Miami Valley Hospital</li> <li>• Miami Valley Hospital CQVA Peripheral Vascular Core Team</li> <li>• Upper Valley Medical Center Dialysis Access Committee</li> </ul>  |
| Mary C. McCarthy, MD      | <ul style="list-style-type: none"> <li>• Miami Valley Hospital SSI Committee</li> <li>• Veterans Affairs Medical Center Affiliations Partnership Council</li> </ul>  |
| David P. Meagher, Jr., JD | <ul style="list-style-type: none"> <li>• Dayton Children's Hospital Quality and Steering Committee <ul style="list-style-type: none"> <li>◦ Board of Trustees</li> </ul> </li> <li>• Dayton Children's Hospital Trauma Planning Committee</li> <li>• Dayton Children's Hospital Trauma Performance Improvement Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Dayton Children's Hospital Trauma Record Review Group</li> <li>• Dayton Children's Hospital Pediatric Intensive Care Unit PI Committee</li> <li>• Dayton Children's Hospital PICU Surgical Co-Director</li> <li>• Dayton Children's Hospital Surgery Advisory Group</li> <li>• Dayton Children's Hospital Pharmacy and Therapeutics Committee</li> <li>• Dayton Children's Hospital Emergency Management Committee</li> <li>• Dayton Children's Hospital Children's Cancer Care Committee</li> <li>• Dayton Children's Hospital CCG Compensation Committee</li> <li>• Dayton Children's Hospital CCG Investment Committee</li> <li>• Dayton Children's Hospital Medical Directors Group</li> <li>• Dayton Children's Hospital Children's Physicians Council</li> <li>• Dayton Children's Hospital OR Block Scheduling Work Group</li> </ul> |

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| James Ouellette, DO  | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Department of Surgery <ul style="list-style-type: none"> <li>◦ Chief</li> </ul> </li> <li>• Miami Valley Hospital Hepato-Pancreato-Biliary Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Miami Valley Hospital Oncology Committee</li> <li>• Miami Valley Hospital Cancer Institute</li> <li>• Miami Valley Hospital Biorepository Committee</li> <li>• Miami Valley Hospital Department of Surgical Services Committee</li> <li>• Miami Valley Hospital Advanced Minimally Invasive Surgery Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Miami Valley Hospital Cancer Center Operations Committee</li> <li>• Miami Valley Hospital GI Cancer Implementation Team</li> <li>• Kettering Medical Center Cancer Committee (physician liaison)</li> <li>• Kettering Medical Center Clinical Quality Review Committee</li> <li>• Kettering Medical Center Continuing Medical Education Committee</li> <li>• Kettering Medical Center American College of Surgery Committee on Cancer <ul style="list-style-type: none"> <li>◦ Physician Liaison</li> </ul> </li> </ul> |
| Jeffrey Pence, MD    | <ul style="list-style-type: none"> <li>• Dayton Children's Hospital Comprehensive Cancer Care Committee <ul style="list-style-type: none"> <li>◦ Vice Chairman</li> </ul> </li> <li>• Dayton Children's Hospital Public Policy Board of Trustees Committee</li> <li>• Dayton Children's Hospital Subject Matter Expert, Electronic Medical Record (EPIC) Development, Pediatric Surgery</li> <li>• Dayton Children's Hospital Pharmacy and Therapeutics Committee</li> <li>• Dayton Children's Hospital Credential's and Nominating Committee <ul style="list-style-type: none"> <li>◦ Professional Staff Member</li> </ul> </li> <li>• Dayton Children's Hospital Committee on Public Policy</li> <li>• Dayton Children's Hospital Children's Oncology Group <ul style="list-style-type: none"> <li>◦ Institutional Representative for Pediatric Surgery</li> </ul> </li> </ul>  |
| Melissa Roelle, MD   | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Oncology Committee</li> <li>• Miami Valley Hospital Breast Care Collaborative</li> <li>• Premier Health Partners Breast Cancer Implementation Team</li> </ul>  |
| Rosalyn Scott, MD    | <ul style="list-style-type: none"> <li>• Dayton Veterans Medical Center Ethics Advisory Committee</li> </ul>  |
| William Rundell, MD  | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Department of Surgery Morbidity/Mortality Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Miami Valley Hospital Endovascular Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> </ul>   |
| Mbagwa Walusimbi, MD | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Trauma Committee</li> <li>• Miami Valley Hospital Infection Control Committee</li> </ul>   |
| Roxane Weighall, DO  | <ul style="list-style-type: none"> <li>• Kettering Medical Center Credential Committee</li> <li>• Grandview Medical Center Quality Committee</li> </ul>   |

|                           |  |
|---------------------------|--|
| Melissa Whitmill, MD      | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Trauma Committee</li> <li>• Miami Valley Hospital Joint Practice Committee</li> <li>• Miami Valley Hospital Trauma Performance Improvement Committee</li> <li>• Miami Valley Hospital ICU Joint Practice Committee</li> <li>• Miami Valley Hospital Infections Meetings</li> <li>• Miami Valley Hospital Directors of Education Meetings</li> <li>• Miami Valley Hospital Infection Control Committee</li> <li>• Miami Valley Hospital Pharmacy and Therapeutics Committee</li> <li>• Miami Valley Hospital Emergency Trauma Institute Council</li> <li>• Miami Valley Hospital Sepsis Committee</li> <li>• Miami Valley Hospital Clinical Alarms Workgroup</li> <li>• Miami Valley Hospital Brain Death Committee</li> <li>• Miami Valley Hospital Organ Donation Council</li> </ul> |
| Randy Woods, MD           | <ul style="list-style-type: none"> <li>• Miami Valley Hospital Innovative Team Concerning ICD-10 implementation</li> <li>• Miami Valley Hospital Directors of Education</li> <li>• Miami Valley Hospital Nutrition Committee <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Miami Valley Hospital Trauma Committee</li> <li>• Miami Valley Hospital Organizational Performance Improvement Committee</li> </ul>   |
| <b>State</b>              |  |
| Linda Barney, MD          | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter <ul style="list-style-type: none"> <li>◦ Governor</li> <li>◦ BOG Socioeconomic Committee</li> <li>◦ OCACS Executive Council</li> <li>◦ Development Committee <ul style="list-style-type: none"> <li>▪ Chair</li> </ul> </li> <li>◦ District 6 OCACS Committee on Applicants</li> <li>◦ Ad hoc Committee on Membership</li> </ul> </li> <li>• Ohio State Medical Association</li> </ul>   |
| Margaret Dunn, MD         | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter <ul style="list-style-type: none"> <li>◦ Council</li> </ul> </li> <li>• Ohio State Medical Association <ul style="list-style-type: none"> <li>◦ House of Delegates Alternate</li> <li>◦ Committee on Nominations</li> </ul> </li> </ul>  |
| Peter Ekeh, MD            | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter <ul style="list-style-type: none"> <li>◦ District Councilor</li> <li>◦ Executive Council</li> <li>◦ Ohio Committee on Trauma</li> </ul> </li> <li>• Ohio State Medical Association</li> </ul>  |
| Dana Frazer, MD           | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter</li> <li>• Columbus Surgical Society</li> </ul>  |
| Minia Hellan, MD          | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter</li> </ul>   |
| Kimberly Hendershot, MD   | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter</li> </ul>   |
| Mary C. McCarthy          | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter <ul style="list-style-type: none"> <li>◦ Committee on Trauma</li> </ul> </li> <li>• Ohio State Medical Association</li> </ul>  |
| David P. Meagher, Jr., MD | <ul style="list-style-type: none"> <li>• Ohio Pediatric Trauma Center Leadership Group</li> <li>• Southwest Ohio Regional trauma System (SORTS) <ul style="list-style-type: none"> <li>◦ Board Member</li> <li>◦ PI Committee</li> </ul> </li> </ul>   |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter Commission on Cancer <ul style="list-style-type: none"> <li>◦ Co-chair</li> </ul> </li> </ul>  |
| Melissa Roelle, MD        | <ul style="list-style-type: none"> <li>• Ohio State Medical Association</li> </ul>   |

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|---------------------------|---|
| Rosalyn Scott, MD         | <ul style="list-style-type: none"> <li>• VISN 10 Trainee Sub-council <ul style="list-style-type: none"> <li>○ Co-Chair</li> </ul> </li> <li>• VISN 10 Simulation Steering Committee <ul style="list-style-type: none"> <li>○ Chair</li> </ul> </li> </ul>   |
| Kathryn Tchorz, MD        | <ul style="list-style-type: none"> <li>• Ohio Chapter of Society of Critical Care Medicine <ul style="list-style-type: none"> <li>○ Board of Directors</li> </ul> </li> </ul>   |
| Mbaga Walusimbi, MD       | <ul style="list-style-type: none"> <li>• American College of Surgeons, Ohio Chapter</li> <li>• Ohio State Medical Association</li> </ul>  |
| Roxane Weighall, DO       | <ul style="list-style-type: none"> <li>• Ohio Osteopathic Association</li> </ul>  |
| Melissa Whitmill, MD      | <ul style="list-style-type: none"> <li>• Southwest Ohio Regional Trauma System (SORTS) Committee <ul style="list-style-type: none"> <li>○ Chair</li> </ul> </li> <li>• American College of Surgeons Ohio Committee on Trauma <ul style="list-style-type: none"> <li>○ Associate Member</li> </ul> </li> </ul>   |
| Randy Woods, MD           | <ul style="list-style-type: none"> <li>• Ohio Chapter of the American College of Surgeons <ul style="list-style-type: none"> <li>○ Past President (2014-2015)</li> <li>○ President 2013-2014</li> </ul> </li> <li>• American College of Surgeons Ohio Committee on Trauma State Faculty</li> <li>• Ohio Chapter of the American College of Surgeons Medical Education Programs Committee <ul style="list-style-type: none"> <li>○ Chair</li> </ul> </li> <li>• American Heart Association</li> <li>• Eastern Association for the Surgery of Trauma</li> </ul> |
| Lucile Wrenshall, MD, PhD | <ul style="list-style-type: none"> <li>• Metro Omaha Medical Society</li> </ul>   |

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| Arturo Aranda-Gracia, MD | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• IPEG International Pediatric Endosurgical Group</li> <li>• PAPS Pacific Association of Pediatric Surgeons</li> <li>• American Medical Association</li> <li>• Mexican Association of Surgeons</li> </ul>  |
| Linda Barney, MD         | <ul style="list-style-type: none"> <li>• American College of Surgeons <ul style="list-style-type: none"> <li>○ General Surgery Reimbursement and Coding Committee <ul style="list-style-type: none"> <li>▪ Vice Chair</li> </ul> </li> <li>○ Governor</li> <li>○ BOG Socioeconomic Committee</li> <li>○ Health Policy and Advocacy Committee</li> </ul> </li> <li>• American Medical Association <ul style="list-style-type: none"> <li>○ CPT Advisory Panel</li> <li>○ ACS Advisor</li> <li>○ National US Faculty</li> </ul> </li> <li>• Association for Surgical Education <ul style="list-style-type: none"> <li>○ Curriculum Committee</li> <li>○ Board/Executive Committee</li> <li>○ Nominating Committee <ul style="list-style-type: none"> <li>▪ Chair</li> </ul> </li> <li>○ MERG – Multi-institutional Educational Research Group</li> </ul> </li> <li>• Society of Critical Care Medicine</li> <li>• Association of Women Surgeons</li> <li>• Central Surgical Association</li> <li>• Association of Program Directors in Surgery</li> <li>• Midwest Surgical Society</li> </ul> |
| John Bini, MD            | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> </ul>  |

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|-------------------------|--|
| Margaret Dunn, MD       | <ul style="list-style-type: none"> <li>• Association of Women Surgeons</li> <li>• Association of Women Surgeons Foundation <ul style="list-style-type: none"> <li>○ Treasurer</li> </ul> </li> <li>• American College of Physician Executives</li> <li>• American College of Surgeons <ul style="list-style-type: none"> <li>○ Board of Regents</li> <li>○ Central Judiciary Committee <ul style="list-style-type: none"> <li>▪ Chair</li> </ul> </li> <li>○ Nominating Committee <ul style="list-style-type: none"> <li>▪ Chair</li> </ul> </li> <li>○ Committee on Optimal Access</li> </ul> </li> <li>• American Medical Women’s Association</li> <li>• American Society of Breast Surgeons</li> <li>• Association for Surgical Education</li> <li>• Central Surgical Association</li> <li>• Midwest Surgical Association</li> <li>• Society for Executive Leadership in Academic Medicine</li> <li>• Society for Surgery of the Alimentary Tract</li> <li>• Association for Surgical Education</li> </ul>        |
| Peter Ekeh, MD          | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• American Association for the Surgery of Trauma <ul style="list-style-type: none"> <li>○ Injury Prevention Committee</li> </ul> </li> <li>• Association for Academic Surgery <ul style="list-style-type: none"> <li>○ Chair, West African Task Force</li> <li>○ Executive Council Member</li> </ul> </li> <li>• Eastern Association for the Surgery of Trauma <ul style="list-style-type: none"> <li>○ Mentorship Committee</li> <li>○ Publications Committee</li> </ul> </li> <li>• Midwest Surgical Association <ul style="list-style-type: none"> <li>○ Councilor</li> <li>○ Executive Council Member</li> </ul> </li> <li>• American Medical Association</li> <li>• American Trauma Society</li> <li>• Central Surgical Association</li> <li>• Society for Critical Care Medicine</li> <li>• Society of Black Academic Surgeons</li> <li>• Society of University Surgeons</li> <li>• West African College of Surgeons</li> </ul> |
| Dana Frazer, MD         | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> </ul>   |
| Minia Hellan, MD        | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• Clinical Robotic Surgery Association</li> <li>• American Society of Clinical Oncology</li> <li>• Society of Robotic Surgery</li> <li>• Society of Laparoendoscopic Surgeons</li> <li>• Society of Surgical Oncology</li> <li>• Society of American Gastrointestinal Endoscopic surgeons</li> <li>• American Medical Association</li> </ul>  |
| Kimberly Hendershot, MD | <ul style="list-style-type: none"> <li>• Eastern Association for the Surgery of Trauma <ul style="list-style-type: none"> <li>○ EAST Practice Management Guidelines Committee</li> <li>○ Acute Care Surgery Committee</li> </ul> </li> <li>• Association of Surgical Education <ul style="list-style-type: none"> <li>○ Clerkship Directors Committee</li> </ul> </li> <li>• American College of Surgeons</li> <li>• Society of Critical Care Medicine</li> <li>• Association of Women Surgeons</li> </ul>   |

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| John Matsuura, MD         | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• Society for Vascular Surgery</li> <li>• Society for Clinical Vascular Surgery</li> <li>• Peripheral Vascular Surgery Society</li> <li>• Society for Vascular Ultrasonography</li> <li>• The Society of Diagnostic Medical Sonography</li> <li>• Midwestern Vascular Surgery Society</li> </ul>   |
| Mary C. McCarthy, MD      | <ul style="list-style-type: none"> <li>• American Association for the Surgery of Trauma</li> <li>• American College of Surgeons <ul style="list-style-type: none"> <li>◦ Committee on Trauma</li> </ul> </li> <li>• American Trauma Society</li> <li>• Association for Surgical Education</li> <li>• Association of Women Surgeons</li> <li>• Central Surgical Association</li> <li>• Halsted Society <ul style="list-style-type: none"> <li>◦ Membership Committee</li> </ul> </li> <li>• Midwest Surgical Association</li> <li>• Parkland Surgical Society</li> <li>• Society of Critical Care Medicine <ul style="list-style-type: none"> <li>◦ Society of Surgical Chairs</li> </ul> </li> </ul>  |
| David P. Meagher, Jr., MD | <ul style="list-style-type: none"> <li>• American College of Surgeons <ul style="list-style-type: none"> <li>◦ Trauma Quality Improvement Program <ul style="list-style-type: none"> <li>▪ Site Medical Director</li> </ul> </li> </ul> </li> <li>• American Pediatric Surgical Association</li> <li>• American Academy of Pediatrics, Surgical Section</li> <li>• American Burn Association</li> <li>• North American Burn Society</li> <li>• International Society for Burn Injuries</li> <li>• Pediatric Trauma Society <ul style="list-style-type: none"> <li>◦ Education Committee</li> </ul> </li> <li>• Pacific Association of Pediatric Surgeons</li> <li>• Michael E. DeBakey International Surgical Society <ul style="list-style-type: none"> <li>◦ Board of Directors</li> </ul> </li> <li>• International Pediatric Endosurgical Group</li> <li>• Society of Laparoendoscopic Surgeons</li> <li>• Trauma Center Association of America <ul style="list-style-type: none"> <li>◦ Pediatric Committee</li> </ul> </li> </ul> |
| James Ouellette, DO       | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• American Hepato-Pancreato-Biliary Association</li> <li>• Society of Surgical Oncology</li> <li>• Association of Academic Surgeons</li> <li>• Society for Surgery of the Alimentary Tract</li> <li>• Society of American Gastrointestinal Endoscopic Surgeons</li> <li>• American College of Osteopathic Surgeons</li> <li>• American Medical Association</li> <li>• American Osteopathic Association</li> </ul>  |
| Priti Parikh, PhD         | <ul style="list-style-type: none"> <li>• Association of Academic Surgery</li> </ul>   |
| Jeffrey Pence, MD         | <ul style="list-style-type: none"> <li>• American College of Surgeons <ul style="list-style-type: none"> <li>◦ Cancer Liaison Physician, Dayton Children’s Hospital</li> <li>◦ Commission on Cancer Pediatric Oncology Measures Work Group</li> </ul> </li> <li>• Sabiston Surgical Society</li> <li>• American Academy of Pediatrics</li> </ul>  |

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| Melissa Roelle, MD     | <ul style="list-style-type: none"> <li>• Association for Surgical Education <ul style="list-style-type: none"> <li>◦ Medical Curriculum Committee</li> </ul> </li> <li>• American College of Surgeons</li> <li>• Midwest Surgical Association</li> <li>• Association of Women Surgeons</li> </ul>  |
| Rosalyn Scott, MD      | <ul style="list-style-type: none"> <li>• USMLE Step 3 Interdisciplinary Review Committee</li> <li>• USMLE Step 3 Computer-based Case Simulation Test Material Development Committee</li> <li>• Technology and Standards Committee, Society for Simulation in Healthcare</li> <li>• MedBiquitous Consortium <ul style="list-style-type: none"> <li>◦ Board of Directors</li> <li>◦ Curriculum Inventory Working Group</li> <li>◦ xAPI Interest Group</li> <li>◦ Competencies Working Group <ul style="list-style-type: none"> <li>▪ Co-Chair</li> </ul> </li> </ul> </li> <li>• Society for Simulation in Healthcare</li> <li>• The Claude H. Organ, Jr. Surgical Society <ul style="list-style-type: none"> <li>◦ Charter member</li> </ul> </li> <li>• Association of Black Cardiovascular and Thoracic Surgeons</li> <li>• American College of Physician Executives</li> <li>• American College of Surgeons</li> <li>• Society of University Surgeons</li> <li>• Association of Women Surgeons</li> <li>• Association for Academic Surgery</li> <li>• Women in Thoracic Surgery</li> <li>• Society of Black Academic Surgeons</li> </ul> |
| William Rundell, MD    | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• International Society for Cardiovascular Surgery</li> <li>• Midwestern Vascular Surgical Society</li> <li>• Society for Vascular Surgery</li> <li>• American Medical Association</li> </ul>   |
| Brian Stevens, MD, PhD | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• American Medical Association</li> <li>• American Diabetes Association</li> <li>• The International Society of Pediatric Surgery</li> <li>• American Association of Immunologists</li> <li>• The International Transplant Society</li> <li>• The International Society of Xenotransplantation</li> <li>• American Society of Transplant Surgeons</li> <li>• Cell Transplant Society</li> <li>• Juvenile Diabetes Foundation, International</li> <li>• American Society of Transplantation</li> </ul>   |
| Kathryn Tchorz, MD     | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• Central Surgical Association</li> <li>• American Association for the Surgery of Trauma</li> <li>• Association of Surgical Education <ul style="list-style-type: none"> <li>◦ Curriculum Committee</li> </ul> </li> <li>• Association for Academic Surgery</li> <li>• Eastern Association for the Surgery of Trauma</li> <li>• Society of Diagnostic Medical Sonography</li> <li>• Southwestern Surgical Association</li> <li>• Society of Critical Care Medicine</li> <li>• Association of Women Surgeons</li> </ul>  |

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|---------------------------|---|
| Mbaga Walusimbi, MD       | <ul style="list-style-type: none"> <li>• Society of Critical Care Medicine</li> <li>• American College of Surgeons</li> <li>• Eastern Association of Trauma Surgeons</li> <li>• College of Surgeons of East, Central and Southern Africa</li> <li>• International College of Surgeons</li> <li>• Society for Surgery of Alimentary Tract (SSAT)</li> <li>• American Association for the Surgery of Trauma (AAST)</li> <li>• American Medical Association</li> <li>• Uganda North America Medical Society</li> <li>• Society of Black Academic Surgeons (SBAS)</li> <li>• Society of American GI and Endoscopic Surgeons (SAGES)</li> </ul>  |
| Roxane Weighall, DO       | <ul style="list-style-type: none"> <li>• American College of Osteopathic Surgeons</li> <li>• American Society of Breast Surgeons</li> <li>• American Osteopathic Association</li> </ul>   |
| Melissa Whitmill, MD      | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• Society of Critical Care Medicine <ul style="list-style-type: none"> <li>◦ Graduate and Education Committee</li> <li>◦ Item Development Editorial Board Committee</li> </ul> </li> <li>• Association of Women Surgeons</li> <li>• Eastern Association of Trauma Surgeons</li> <li>• Neurocritical Care Society</li> <li>• Midwest Surgical Society</li> <li>• Surgical Infection Society</li> </ul>  |
| Randy Woods, MD           | <ul style="list-style-type: none"> <li>• American College of Surgeons <ul style="list-style-type: none"> <li>◦ Governor</li> </ul> </li> <li>• Society of American Gastrointestinal Endoscopic Surgeons</li> <li>• Society of Critical Care Medicine</li> <li>• American Heart Association</li> <li>• Eastern Association for the Surgery of Trauma</li> </ul>  |
| Lucile Wrenshall, MD, PhD | <ul style="list-style-type: none"> <li>• American College of Surgeons</li> <li>• American Association of Immunologist</li> <li>• American Society of Transplant Surgeons <ul style="list-style-type: none"> <li>◦ Awards Committee</li> </ul> </li> <li>• American Society of Transplantation</li> </ul>  |
| <b>Other</b>              |   |
| Linda Barney, MD          | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> <li>• Wright State University Academy of Medicine</li> <li>• Academy of Medicine <ul style="list-style-type: none"> <li>◦ Board of Trustees</li> <li>◦ Awards Committee</li> </ul> </li> </ul>  |
| Margaret Dunn, MD         | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> <li>• Dayton Area Graduate Medical Education Consortium (DAGMEC) <ul style="list-style-type: none"> <li>◦ GMEC Council</li> </ul> </li> <li>• Dayton Clinical Oncology Program (DCOP) <ul style="list-style-type: none"> <li>◦ Board of Trustees</li> </ul> </li> <li>• Cystic Fibrosis Family and Friends Board of Directors <ul style="list-style-type: none"> <li>◦ Treasurer</li> </ul> </li> <li>• Dayton Performing Arts Alliance Board of Directors <ul style="list-style-type: none"> <li>◦ Finance Committee</li> </ul> </li> <li>• Five Rivers Health Center Board of Directors <ul style="list-style-type: none"> <li>◦ Chair</li> </ul> </li> <li>• Friends Care Community Board of Directors <ul style="list-style-type: none"> <li>◦ Executive Committee</li> </ul> </li> </ul> |

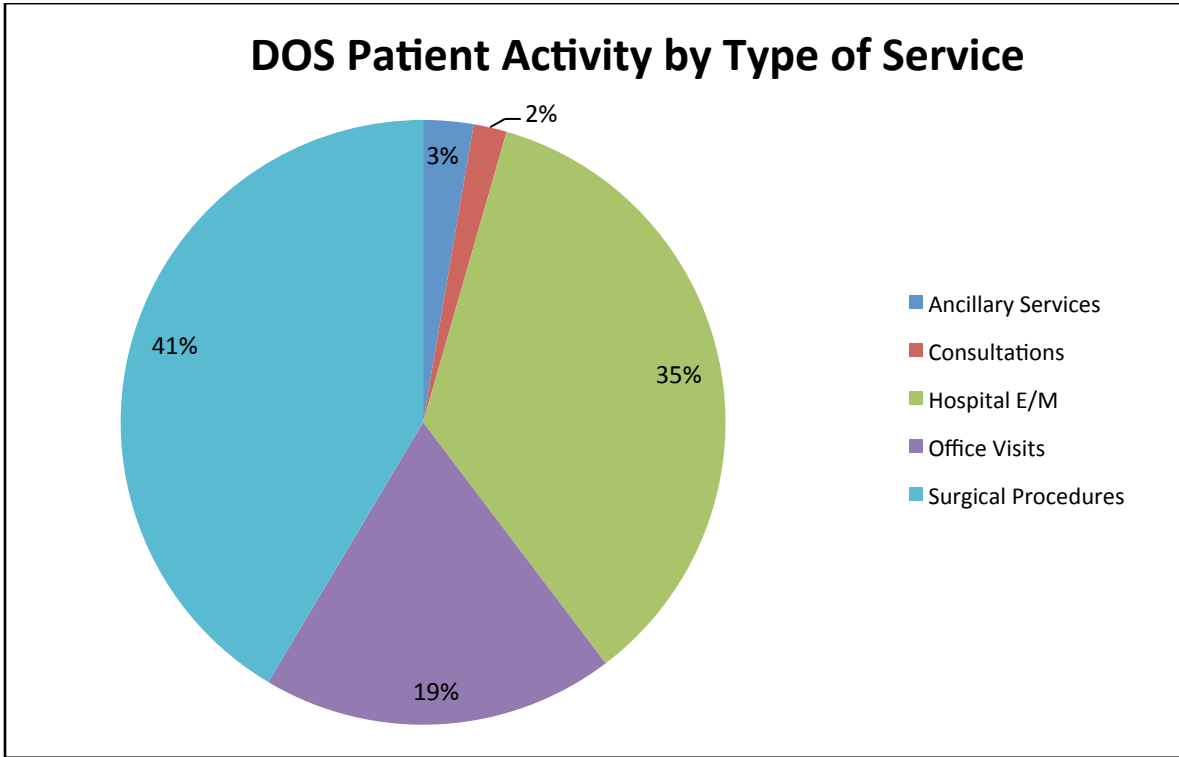


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|-------------------------|---|
| Peter Ekeh, MD          | <ul style="list-style-type: none"> <li>• Dayton Academy of Medicine</li> <li>• Gem City Medical and Dental Society</li> <li>• Montgomery County Medical Society</li> <li>• Montgomery County DUI Task Force</li> </ul>  |
| Minia Hellan, MD        | <ul style="list-style-type: none"> <li>• Montgomery County American Cancer Society</li> <li>• Dayton Clinical Oncology Program</li> </ul>   |
| Kimberly Hendershot, MD | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> </ul>   |
| John Matsuura, MD       | <ul style="list-style-type: none"> <li>• Greater Cincinnati Vascular Club</li> </ul>  |
| Mary C. McCarthy, MD    | <ul style="list-style-type: none"> <li>• Greater Miami Valley EMS Council</li> <li>• Injury Prevention Center of Greater Dayton Area <ul style="list-style-type: none"> <li>◦ Executive Committee</li> </ul> </li> <li>• Hospital Resources subcommittee</li> <li>• Montgomery County Medical Society</li> <li>• Greater Dayton Area Hospital Association (GDHA)</li> </ul> |
| James Ouellette, DO     | <ul style="list-style-type: none"> <li>• Dayton Clinical Oncology Program</li> <li>• Student Interest Group for Oncology (SIGOnc) <ul style="list-style-type: none"> <li>◦ Faculty Advisor</li> </ul> </li> <li>• Montgomery County American Cancer Society Board</li> </ul>  |
| Melissa Roelle, MD      | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> </ul>   |
| William Rundell, MD     | <ul style="list-style-type: none"> <li>• Life Connections of Ohio <ul style="list-style-type: none"> <li>◦ Board chair</li> <li>◦ Medical Director for Dayton regional office</li> </ul> </li> <li>• Care Source <ul style="list-style-type: none"> <li>◦ Medical Director</li> <li>◦ Credentials Committee</li> </ul> </li> </ul>  |
| Rosalyn Scott, MD       | <ul style="list-style-type: none"> <li>• Dayton Contemporary Dance Company <ul style="list-style-type: none"> <li>◦ Board of Directors</li> </ul> </li> </ul>   |
| Brian Stevens, MD, PhD  | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> </ul>   |
| Mbaga Walusimbi, MD     | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> </ul>   |
| Roxane Weighall, DO     | <ul style="list-style-type: none"> <li>• Dayton District Academy of Osteopathic Physicians</li> </ul>   |
| Randy Woods, MD         | <ul style="list-style-type: none"> <li>• Montgomery County Medical Society</li> </ul>   |

# 7

## Patient Care Summary

[If applicable. Include number of ambulatory visits, hospitalizations, surgeries, new techniques or programs developed; new collaborations.]



The Wright State Physicians Department of Surgery provided approximately \$12.2 million in surgical and related care in 2014, including over half a million dollars in indigent care. This work represents total work RVUs of 91,361, with an average charge per work RVU of \$134.27. This represents a slight decrease (about 2%) from the previous year.



## Honors and awards [Faculty or staff]

### Faculty Awards

|   |  |
|---|--|
| Linda Barney, MD                            | • 2014 Champions of Hope Honoree   |
| Garietta Falls, MD                          | • Inducted as fellow in the American College of Surgeons                     |
| Paul Koles, MD, Associate Professor         | • Faculty Mentor Award   |
| Louisa Pecchioni, MD, Assistant Professor   | • Voluntary Faculty Clinical Teacher of the Year Award                       |
| Ron Markert, PhD                            | • University Professor Award   |
| William Rundell, MD                         | • Albert B. Huffer Award   |
| Kara Schultz, MD                            | • Inducted as Fellow in the American College of Surgeons                     |
| Amol Soin, MD, Clinical Assistant Professor | • Outstanding Clinical Faculty Support to Junior and Senior Medical Students |
| Subhashini Ganapathy, PhD                   | • Presidential Award for Faculty Excellence: Early Career Achievement Award  |

### Resident Awards

|                      |   |
|----------------------|---|
| Ali Abtahi, DO       | • The Arnold P. Gold Foundation Humanism and Excellence in Teaching Award |
| Jaime Aburto, MD     | • Dayton Veteran's Hospital Resident (R5) of the Year                     |
| Cole Budinsky, MD    | • Dayton Veteran's Hospital Intern of the Year                            |
| Kyra Dawson, DO      | • Dayton Veteran's Hospital Resident (R2) of the Year                     |
| Joshua Gustafson, MD | • Outstanding Resident Teaching Award                                     |
| Dallas Hansen, MD    | • Kettering Medical Center Outstanding Chief Resident Award               |
| Sadia Ilyas, MD      | • Second Place in the Daniel W. Elliott, MD, Resident Research Symposium  |
| Mary Stuever, DO     | • Children's Medical Center Resident of the Year Award                    |
| Emily Sweet, MD      | • Highest ABSITE Award  |
| Ashley Thorborn, MD  | • Dayton Veteran's Hospital Resident (R3) of the Year                     |

### Student Awards

|                           |  |
|---------------------------|--|
| Robert Beaulieu, MSIV     | • Distinguished Scholar Award<br>• The Reach Out of Montgomery County Student Volunteer Appreciation Award |
| Christina Anderson, MSIII | • Best Clinical Research Poster Award (Dr. Walusimbi faculty advisor)                                      |
| Benjamin Bates, MSIV      | • Daniel W. Elliott, MD Award<br>• The Reach Out of Montgomery County Student Volunteer Appreciate Award   |
| Joseph Capichioni, MSIII  | • Best Case Study Poster award (Dr. Soin faculty advisor)  |
| Zachary Il'Giovine, MSIII | • Nominated for Best Poster Award (Dr. Saxe faculty mentor)  |

# 9

## Hosted events [CME, etc.]

### 2014 Visiting Professor Lectures



#### **Helen and David Bernie Visiting Professor**

Scott Shikora, MD, FACS presented the March 12, 2014, Helen and David Bernie Visiting Professorship on “And Just Why do We do Bariatric Surgery?” at the citywide Grand Rounds at Kettering Medical Center. He also presented “Bariatric Surgery: Then, Now and Into the Future” at Good Samaritan Hospital. Dr. Shikora is an associate professor of Surgery at Harvard Medical School and is the director of the Center for Metabolic and Bariatric Surgery at Brigham and Women’s Hospital in Boston. Dr. Shikora has been involved in bariatric surgery for over 20 years.



#### **Daniel W. Elliott Visiting Professor**

Nicholas Zyromski, MD, FACS, presented the April 23, 2014, Daniel W. Elliott, MD Visiting Professorship on “Necrotizing pancreatitis 2014 – What is the Surgeon’s Role?” at the citywide Grand Rounds at Kettering Medical Center. Dr. Zyromski is an associate professor of surgery at Indiana University School of Medicine and is the program director for the HPB fellowship.

The Daniel W. Elliott Resident Research Symposium was also held on April 23, 2014.

Presentations were as follows:

|                      |  |
|----------------------|--|
| Dr. Allison Palumbo  | Pregnancy during surgical residency: Perceptions and social implications   |
| Dr. Emily Sweet      | The use of robotic surgery for resection of gastric submucosal tumors  |
| Dr. Mirnal Chaudhary | A retrospective review in operative interventions of the Magellan robotic endovascular catheter  |
| Ben Bates            | Irreversible electroporation: An institutional experience  |
| Dr. Sadia Ilyas      | Preliminary data on randomized trial evaluating adoptive cell therapy with nonmyeloblastic chemotherapy alone or in conjunction with 12 Gy total body irradiation  |
| Bob Myers            | Quality improvement lessons from the US auto industry and interruptions being experienced by care providers at Miami Valley Hospital   |
| Natalie Pyatka       | Yelling will not make me learn better  |
| Dr. Alyssa Gans      | Acute decompression for venous hypertension from IVC gunshot injury and ligation with femoral to axillary vein bypass  |
| Dr. Alyssa Bonta     | Contrast injection facilitates pharmacomechanical thrombectomy using the Trellis device; Bedside placement of IVC filters using intravascular ultrasound: Initial experience of two cases at Miami Valley Hospital |



L-R: Dr. Ken Rundell, Bob Myers, Dr. Emily Sweet, Natalie Pyatka, Ben Bates, Dr. Allison Palumbo, Dr. Mirnal Chaudhary, Dr. Alyssa Bonta, Elizabeth Elliott and her daughter Lisa, Dr. Mary McCarthy, Dr. Priti Parikh, Dr. Nicholas Zyromski. (Not pictured: Dr. Alyssa Gans and Dr. Melissa Roelle)

Dr. Zyromski, the visiting professor, participate as a judge for the competition along with Drs. McCarthy, Roelle and Rundell.

Winners were Bob Myers (1<sup>st</sup> place) and Sadia Ilyas (2<sup>nd</sup> place). Thank you, Dr. Parikh and all who participated in this symposium



**John W. Berry Jr. Visiting Professor**

Alan Lumsden, MB, ChB, RVT, FACS, presented the September 3, 2014, John W. Berry Jr. Visiting Professorship on “À CT in the OR: Really?” In 1991, Dr. Lumsden accepted a position as an assistant professor in surgery in the Department of Surgery at Emory University School of Medicine. In 1998, Dr. Lumsden became director of the Emory Endovascular Training Center and the Emory Venous Clinic in Atlanta. He was appointed head of general vascular surgery at Emory University School of Medicine in March 1999, where he served until November 2001. Dr. Lumsden was named professor and chief, Division of Vascular Surgery and Endovascular Therapy, Baylor College of Medicine. In January 2008, Dr. Lumsden was named professor and chairman, Department of Cardiovascular Surgery, Methodist DeBakey Heart and Vascular Center. The Methodist

Hospital, and in January 2009, Dr. Lumsden was named medical director of the Methodist DeBakey Heart and Vascular Center.



**Mary C. McCarthy, MD, Endowed Lectureship in Trauma Surgery**

Todd Rasmussen, MD, FACS, Colonel USAF MC, presented the November 12, 2014, Mary M. McCarthy, MD, Endowed Lectureship in Trauma Surgery on “The US Combat Casualty Care Research Program and Implications for Civilian Care.” Colonel Rasmussen served as Deputy Commander of the Institute of Surgical Research in San Antonio from 2010 to 2013. In 2013, Colonel Rasmussen reached 20 years of service and accepted assignment as Deputy Director of the US Combat Casualty Care Research Program in the National Capital Area. He is the Harris B. Shumacker Jr, Professor of Surgery at the Uniformed Service University of the Health Sciences in Bethesda and holds credentials as a surgeon at the Baltimore Veterans Administration Medical Center and the University of Maryland Shock

Trauma Center in Baltimore. Colonel Rasmussen serves as Chairman of the Military Liaison Committee of the American Association for the Surgery of Trauma and his awards include the *Gold Headed Cane* (2008) for outstanding clinical and academic practice and the *Baron Dominique Jean Larrey* (2011) for Excellence in Military Surgery. Colonel Rasmussen has been awarded the Air Force’s Achievement and Meritorious Service Medals and the Army’s Commendation Medal.

## **Postgraduate Symposium – Innovations in Medical and Surgical Education**

Wright State Department of Surgery hosted a medical education symposium on Friday, September 19, 2014: Innovations in Medical and Surgical Education at the Miami Valley Hospital, Berry Women's Center Beiser Auditorium. Local and regional speakers provided training for this event. WSU designated this live activity for a maximum of 5.5 AMA PRA Category 1 credit. Thank you Dr. Barney and all who helped organize this successful event.



**Megan Baker Ruppel, M.D., FACS** - "Integrating Quality at MUSC" and "Professionalism: How Deep is Your Toolbox?"

**Caroline GL Cao, Ph.D.** - "Smart Phone APP for Surgical Evaluation and Feedback"

**Roberto J. Colon, M.D.** - "Patient Centered Rounding at the Bedside"

**Denise A. Griffith, M.D.** - "Feedback Friday"

**Colleen M. Hayden, M.S.** - "Active Learning: What Is It?"

**Melissa W. Keller** - "Designing Transitional training Experience: Bootcamp 101"

**Jillian K. Lowe** - "RMS Milestones Mapping to Competencies"

**Rosalie O. Mainous, Ph.D.** - "Designated Educational Unit: A Pilot Program"

**John D. Mellinger, M.D.** - "Building a Quality Experience for Residents: SIU" and "Operationalizing the Competencies"

**Daniel J. Nolan**- "Mock Codes/ACT Team"

**Kelly Rabah, M.S. W., B.A.** - "Getting Residents Involved in Quality and Safety"

**Gurjit Sandhu, Ph.D.** - "Milestones and EPAs: A Framework for Progression to Independence"

**Raymond P. Ten Eyck, M.D., M.P.H.** - "Interprofessional Education: Lessons Learned" and "Building an Interprofessional Learning Module"

**Randy J. Woods, M.D.** - "Teaching for Quality: How We Do It" and "Documenting Trainee Experience and HIPAA Challenges"

**Simulation Breakout Session**

**Michael L. Galloway, D.O.** - Laparoscopic OR Team Training Simulation

**Minia Hellan, M.D.** - Laparoscopic Dry Lab and Robotic Computer Surgical Simulation

**Tammy King, R.N.C.-O.B., C-E.F.M., B.S.N.** - Mannequin Simulation for Nurses, Students, and Physicians

**John H. Matsuura, M.D., FACS** - Robotic Assisted Vascular Simulation Training

# 10 Other information

[Other information that represents your department’s contribution to the academic mission of the Boonshoft School of Medicine.]

|                          |  |
|--------------------------|--|
| Peter Ekeh, MD           | <ul style="list-style-type: none"><li>• Creator, The “Drive Alive” program for juveniles convicted of drunk driving</li><li>• Featured speaker at the MVH Injury Prevention Center “<i>It can wait</i>” campaign.</li><li>• Medical mission trips to Guinea, Gabon, Ghana, Liberia and Nigeria annually</li><li>• Attended the SUS Mid-career Academic Surgeon Professional Development Course</li></ul> |
| Arturo Aranda-Gracia, MD | <ul style="list-style-type: none"><li>• Miracles for Children – Pediatric Surgical short missions to Ecuador</li></ul>   |
| Kimberly Hendershot, MD  | <ul style="list-style-type: none"><li>• Attended the EAST Leadership Development Workshop</li></ul>  |
| John Matsuura, MD        | <ul style="list-style-type: none"><li>• Miami Valley Hospital marketing video shoot</li><li>• Interview for Premier Health Partners magazine</li><li>• Magellan presentation to Miami Valley Hospital endovascular committee</li><li>• Introduction and open house to public</li><li>• Dayton Daily News interview</li><li>• WDNT interview</li></ul>  |
| Mary C. McCarthy, MD     | <ul style="list-style-type: none"><li>• Swaziland Mission Trip with medical students</li></ul>   |
| Melissa Roelle, MD       | <ul style="list-style-type: none"><li>• Attended AAMC Early Career Women Faculty Development Seminar</li><li>• Attended the AAMC Leadership Education and Development</li></ul>  |

|                   |  |
|-------------------|--|
|                   | (LEAD) certificate program   |
|                   | <ul style="list-style-type: none"> <li>• Attended ACS Surgeons as Educators Course</li> </ul>  |
| Rosalyn Scott, MD | <ul style="list-style-type: none"> <li>• AFRL-funded Discovery Lab Tele-ICU project has been adopted by VA to be upgraded and developed as the VA's first multiplayer, multi-outcome serious medical game</li> </ul> |
| Randy Woods, MD   | <ul style="list-style-type: none"> <li>• Attended the SUS Mid-career Academic Surgeon Professional Development Course</li> <li>• Attended the ACS Leadership Advocacy Summit</li> </ul>                              |

# 11 Stewardship

The Wright State University Department of Surgery maintains contact with its alumni through biannual newsletters. This connection has resulted in department development and a source of new partners for the alumni. If you have any updates on your contact information, please email [linda.roock@wright.edu](mailto:linda.roock@wright.edu).

Annually, at the American College of Surgeons Clinical Congress, on Monday evening from 6:00-8:00, there is a reception held at the lead hotel. We would love to see all alumni, family and friends.

## Funds

- **Dr. James B. and Kathleen Peoples Surgical Resident Fund**  
This fund is to ensure a lasting legacy of support for residents of the surgery department.
- **Ken Rundell, M.D. Vascular Surgery Trainee Fund**  
This fund supports medical students and residents travel to vascular surgery meetings.
- **Mary C. McCarthy, M.D., Chair in Trauma Surgery Fund**  
This endowment fund supports activities in trauma research, education, and injury prevention.
- **Resident Research Support Fund**  
A grant mechanism will be used to augment financial resources for those residents who need project support. A scholarly project is now required of all our graduating residents.
- **Robert P. Turk, M.D. Medical Student Scholarship Fund**  
This fund supports medical student scholarships for students entering surgery.
- **Surgery Development Fund**  
This fund provides support for ad hoc departmental activities.



- **Surgical Oncology Research Fund**  
This fund supports cutting-edge research in surgical oncology
- **Surgical Simulation Resident Training Fund**  
This endowment fund was established to augment the Surgical Simulation Resident Education and Training Center.
- **Vascular Surgery Fund**  
This fund supports the needs of the Division of Vascular Surgery for education and research.
- **Walter A. Reiling, Jr., MD Resident Education Fund**  
This fund supports unique residency educational experiences, e.g. rural, international, etc.

Contributions to the Department of Surgery may be mailed to:  
Kimberly Paul, MHA, Department of Surgery  
Weber Center for Health Education Building  
128 E. Apple Street, Suite 7817  
Dayton, OH 45409-2793

Please indicate the fund you wish to support. Please contact Kim at 937.208.2464 or [Kimberly.Paul@wright.edu](mailto:Kimberly.Paul@wright.edu) should have any questions. Thank you!

Visit the department Wikispace at [www.wsudos.wikispaces.com](http://www.wsudos.wikispaces.com). There is also a link to the resident education site at [www.flying-scalpel.wikispaces.com](http://www.flying-scalpel.wikispaces.com). These sites will post a variety of information and links to keep you informed throughout the year. This is a community-everyone is welcome to post. On the department site, there is an alumni section. Select your year, and give us an update of your activities or post a picture of your family. Please visit: <http://corescholar.libraries.wright.edu> for updates on scholarly activity.



**Robert P. Turk, MD FACS:  
COLONEL, USAF, MC (RET.)  
Clinical Professor**

The department, University and Dayton medical education community celebrated the extraordinary life of Clinical Professor Robert P. Turk in a special Memorial celebration last spring. In honor of his years of dedication to medical student education, the WSUBSOM Surgery Interest Group has been renamed the Robert P. Turk Student Surgical Society. A scholarship fund has been created in his name and can be accessed at the SOM development page on the Web Site [www.med.wright.edu/surg/giving](http://www.med.wright.edu/surg/giving).