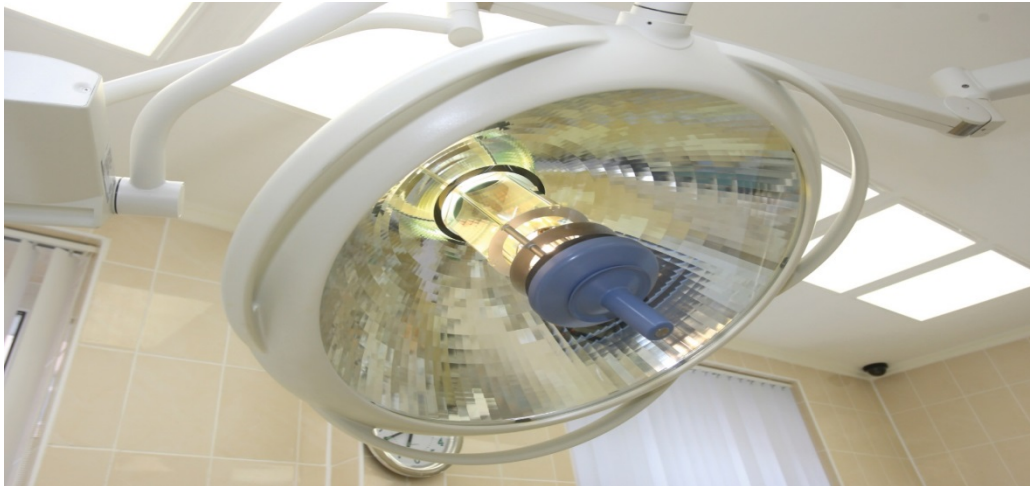


Department of Surgery

Annual Report

January 1, 2017-June 30, 2018

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



For the period including
January 1, 2017 — June 30, 2018

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Statement from the Chair

The Wright State University Department of Surgery continued to provide leadership in the community in Surgical Oncology and Breast Surgery, Acute Care Surgery, Vascular Surgery and Surgical Education and Research.

Acute Care Surgery

Dr. Peter Ekeh provided the leadership of the Division and the Program, the Southwest Ohio Regional Trauma System, the Injury Prevention Center and the Trauma Service at MVH. Trauma volumes continue to increase by 5% annually. Trauma Research increased, including participation in multi-institutional trials, and incorporating the activities of the CTRA.

The first Acute Care Surgery Fellow completed the second year of his fellowship. Dr. John Bruun, an Air Force Candidate. A weekly Acute Care Surgery Conference was continued, covering critical care and EGS topics. Weekly trauma conference provided the foundation of the PI plan and resident education in trauma.

General and Minimally Invasive Surgery

Dr. Joon Shim, who joined us in September 2016, expanding opportunities for residents to participate in advanced minimally invasive surgery. The MVH Genetic Counseling Center provides consultation for breast patients under the direction of Dr. Melissa Roelle. Dr. Linda Barney provides consultation for the American College of Surgeons in CPT coding and RVU evaluation.

Pediatric Surgery

Dr. Arturo Aranda assumed responsibility for medical students and residents. Dr. Sean Barnett is the newly appointed chair of the pediatric division. Dr. Pence, who is critical care certified, assumed responsibilities for the trauma program, which is aspiring to become a Level 1 center.

Otolaryngology

Dr. Goldenberg collaborates with the Department of Engineering in the development of an artificial cochlea. Dr. Sameep Kadakia joined the UVMC ENT surgeons, and is collaborating with Surgical Oncology in the development of a head and neck cancer center.

Surgical Oncology

Dr. Rebecca Tuttle, Dr. Ouellette and Dr. Hellan are surgical leaders of the MVH and Kettering Cancer Centers and the MD Anderson affiliation.

Vascular

Four vascular surgeons. Dr. Kamran Jafree, Dr. Garietta Falls, Dr. Laura Peterson and Dr. John Matsuura provide vascular and vascular trauma call at MVH. They provide 50% of the readings in the vascular lab as well. A new office was opened at Needmore in the Cardiology group offices, but was closed along with GSH, and 2 new midlevel providers have been hired.

VAMC

There are four surgeons at the VAMC—Dr. Frazer, Dr. Tchorz, Dr. Galloway and Dr. Reddy.

Research and Education

The Surgical Residency Program graduated 9 chief surgical residents. They also developed a new committee structure—PEC, CCC, and milestones committees in accord with the recommendations of the ACGME. They recruited 7 new categorical and 1 non-categorical residents.

The Medical Student Clerkship implemented new team-based learning sessions that were well-received by the medical students. The percentile satisfaction continues to improve annually.

The Research Program continues to be highly productive, with an increase in presentations and an increase in posters. The Research Committee meets monthly with a presentation of projects in process and feedback to researchers on ways to improve the research. There are several collaborative projects with the Schools of Engineering and Bioengineering, and a recent NSF award of \$400,000. Dr. Pratik Parikh has also worked with us

on large volume statistical analyses for databases, including a study with the Ohio Department of Safety evaluating “over and under triage in the state trauma system.” Dr. Caroline Cao is collaborating with Dr. Matsuura on fiberoptic navigation. CTRA has coordinated studies for the DOS in the specialties of Surgical Oncology, Vascular Surgery, and Trauma Surgery. The Department provides support for student and resident scholarly projects and travel. Dr. Wrenshall continues basic science research on interleukin and inflammatory processes in renal failure and aortic disease.

A new Educational Program is implementing many different activities, including a Resident Research Symposium, a Pilot Site for Faculty Development activities, monthly educational sessions “Just-in-Time” Faculty Development after faculty meetings, a new faculty orientation program, and a new Departmental Education Committee.

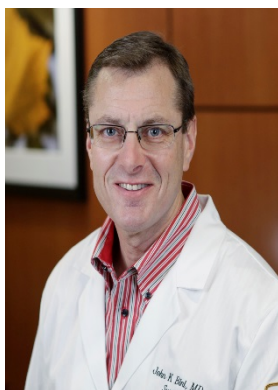
2 Programs/Divisions

Name of Division or Program	Members	Dates
Acute Care Surgery	A Peter Ekeh, MD (Dir)	2005-present
	Mary C. McCarthy, MD	1994-present
	Gregory Semon, DO	2015-present
	Mbaga Walusimbi, MD	2005-present
	Randy Woods, MD	2002-present
Cardiothoracic Surgery	Mark Anstadt, MD	2004-present
General Surgery	Linda Barney, MD (Dir)	2003-present
	Melissa Roelle, MD	2010-present
	William K. Rundell, MD	1997-present
	Joon Shim, MD	2016-present
Otolaryngology	Ravindhra Elluru, MD	2015-present
	Robert Goldenberg, MD	1987-2017
	Sameep Kadakia, MD	2018-present
Pediatric Surgery	Sean Barnett, MD (Dir)	2014-present
	Arturo Aranda, MD	2014-present
	David Meagher, MD	2008-present
	Jeffrey Pence, MD	2008-present
Research and Education	Priti Parikh, PhD (Dir)	2012-present
	Ronald Markert, PhD	2010-2018
	Trista Smith, MS	2017-present
Surgical Oncology	James Ouellette, DO (Dir)	2012-present
	Margaret Dunn, MD	1997-present
	Minia Hellan, MD	2008-present
	Rebecca Tuttle, MD	2015-present
Transplant	Lucile Wrenshall, MD, PhD	2011-present
Veterans Affairs Medical Center	Dana Frazer, MD (Dir)	2008-present
	Paula Galloway, MD	2017-present
	Louisa Pecchioni, MD	2009-present
	Bhoompally Reddy, MD	2015-present
	Kathryn Tchorz, MD	2006-present
Vascular Surgery	John Matsuura, MD (Dir)	2013-present
	Garietta Falls, MD	2012 present
	Kamran Jafree, MBBS	2015-present
	Laura Peterson, MD	2016-present
Wright Patterson Air Force Base	Andrew Galusha, MD (Dir)	2016-present
	John Bini, MD	2013-present

DIVISION OF ACUTE CARE SURGERY



Dr. Peter Ekeh, Chief



Dr. John Bini



Dr. Mary McCarthy



Dr. Gregory Semon



Dr. Mbaga Walusimbi



Dr. Randy Woods

DIVISION OF CARDIOTHORACIC SURGERY



Dr. Mark Anstadt

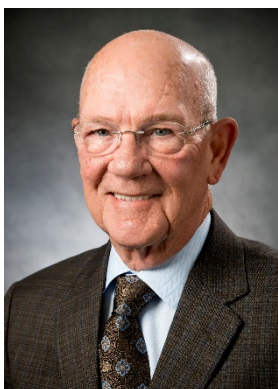
DIVISION OF GENERAL SURGERY



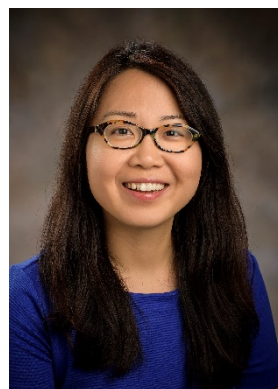
Dr. Linda Barney, Chief



Dr. Melissa Roelle



Dr. Ken Rundell



Dr. Joon Shim

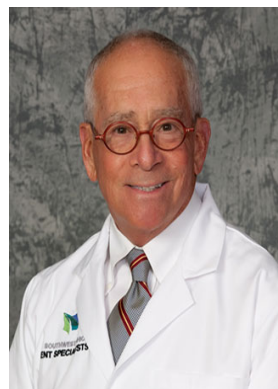
DIVISION OF OTOLARYNGOLOGY



Dr. Ravindhra Elluru



Dr. Sameep Kadakia



Dr. Robert Goldenberg

DIVISION OF PEDIATRIC SURGERY



Dr. Sean Barnett, Chief



Dr. Arturo Aranda



Dr. David Meagher



Dr. Jeffrey Pence

DIVISION OF RESEARCH AND EDUCATION



Dr. Priti Parikh, Director



Dr. Ronald Markert

DIVISION OF SURGICAL ONCOLOGY



Dr. James Ouellette, Chief



Dr. Margaret Dunn



Dr. Minia Hellan



Dr. Rebecca Tuttle

VETERANS AFFAIRS MEDICAL CENTER



Dr. Dana Frazer, Chief



Dr. Louisa Pecchioni



Dr. Bhoompally Reddy



Dr. Kathryn Tchorz

Not pictured: Dr. Paula Galloway

DIVISION OF VASCULAR SURGERY



Dr. John Matsuura, Chief



Dr. Garietta Falls



Dr. Kamran Jafree



Dr. Laura Peterson

3 Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
Mark Anstadt, MD, FACS Professor Adjunct Professor Pharmacology & Toxicology Affiliate Department of Biomedical, Industrial and Human Factoring Engineering Vice Chairman Department of Surgery Miami Valley Hospital Chief Cardiovascular and Thoracic Section, Upper Valley Medical Center	Cardiothoracic Surgery	Artificial Heart
Arturo Aranda, MD, FACS Assistant Professor Associate Program Director Dayton Children's Hospital Director, Division of Research Dayton Children's Hospital	Pediatric Surgery	Minimally Invasive Surgery Clinical Outcomes Neonatal Minimally Invasive Surgery Surgical Instruments Improvement and Development Laparoscopic Extravesical Ureteral Re-implantation Laparoscopic Orchidopexy and Inguinal Hernia Repair
Sean Barnett, MD, MS, FACS, FAAP Associate Professor Director, Division of Pediatric Surgery Surgical Director, Ambulatory Surgery Center Dayton Children's Hospital	Minimally Invasive Surgery, Neonatal Surgery, Colorectal Malformations, Chest Wall Abnormalities	Unique Clinical Experiences, Innovative Surgical Product Design, Clinical Outcomes
Linda Barney, MD, FACS Associate Professor Chief, Division of General Surgery Miami Valley Hospital Surgical Clinical Director	Breast Disease/ Surgical Ultrasound	Surgical Education, Physician Coding and Reimbursement
John Bini, MD Assistant Professor	Acute Care/Trauma Surgery	Traumatic Injuries
Timothy Broderick, MD Chief Scientist Professor Associate Dean for Research Affairs		
Margaret Dunn, MD, MBA, FACS Dean and Professor	Breast Disease	Administration/Education
A Peter Ekeh, MD, MPH, FACS Professor Chief, Division of Acute Care Surgery Medical Director of Trauma	Injury Prevention	Injury Prevention Trauma
Ravindhra Elluru, MD, PhD Professor of Surgery and Pediatrics Chief, Division of Otolaryngology Medical Director, Dayton Children's Hospital Advanced Practice Otolaryngology Chief, Surgical Quality Improvement Officer, Dayton Children's Hospital	Pediatric ENT Airway Reconstruction Vascular anomalies	Sleep Apnea
Garietta Falls, MD Assistant Professor Assistant Clerkship Director	Vascular Surgery	Vascular Education

Dana Frazer, MD, MPH Assistant Professor Associate Program Director, Dayton Veterans Affairs Medical Center Medical Director Transitional Care Unit Chief Surgical Services Dayton Veterans Affairs Medical Center	General Surgery	
Andrew Galusha, MD Assistant Professor Associate Program Director Wright Patterson Air Force Base	Minimally Invasive Surgery	
Minia Hellan, MD, FACS Associate Professor Medical Director Robotic Surgical Oncology Skills Curriculum Director	Surgical Oncology	Robotic Surgical Oncology
Kamran Jafree, MBBS Assistant Professor Assistant Program Director Miami Valley Hospital	Vascular Surgery	Vascular
John Matsuura, MD, RVT, RPVI, FACS Professor Chief, Division of Vascular Surgery	Vascular Surgery	Vascular
Mary McCarthy, MD, FACS Elizabeth Berry Gray Chair and Professor	Trauma/Critical Care	Trauma Performance Improvement
David Meagher, Jr., MD, FACS Professor Medical Director, Pediatric Surgery, Trauma and Burns Dayton Children's Hospital Surgical Co-Director of Pediatric Intensive Care Unit Dayton Children's Hospital	Pediatric Trauma	Pediatric Trauma
James Ouellette, DO Associate Professor Chief, Division of Surgical Oncology Assistant Program Director, Kettering Health Network Premier Health Physician Institute Vice Chairperson Chief of Surgery, Miami Valley Hospital Miami Valley Hospital Hepatobiliary and Pancreatic Surgery Program Director	Complex Surgical Oncology	Surgical Oncology
Priti Parikh, PhD Associate Professor Director of Research	Research	Health Services Research, Trauma Systems and Surgical Education
Louisa Pecchioni, MD Assistant Professor	Vascular Surgery	Vascular
Laura Peterson, MD Assistant Professor	Vascular Surgery Wound Care	Education/Surgical Curriculum Development
Jeffrey Pence, MD Associate Professor Associate Program Director Dayton Children's Hospital Trauma Director/PICU Trauma Director Dayton Children's Hospital	Pediatric Surgery Oncology	Pediatric Surgical Oncology
Bhoompally Reddy, MBBS Assistant Professor	General Surgery	
Melissa Roelle, MD, FACS Assistant Professor General Surgery Clerkship Director Medical Director High Risk Breast Cancer Center Miami Valley Hospital	General Surgery/Breast	Surgical Education Breast Disease

William K. Rundell, MD, FACS Clinical Professor Associate Program Director Miami Valley Hospital	General and Vascular Surgery	
Gregory Semon, DO Assistant Professor Director Injury Prevention Center of Greater Dayton Miami Valley Hospital	Acute Care Surgery	Trauma Surgery
Joon Shim, MD, MPH Assistant Professor Director Heartburn Center Miami Valley Hospital	Minimally Invasive Surgery Bariatric Surgery	Bariatric
Kathryn Tchorz, MD, RDMS, FACS Associate Professor	Acute Care Surgery	Surgical Education
Rebecca Tuttle, MD Assistant Professor Associate Program Director Kettering Health Network Assistant Program Director General Surgery Residency Kettering Health Network Cancer Liaison Physician	Surgical Oncology	Surgical Oncology
Mbaga Walusimbi, MD, MS, FACS Associate Professor Director, Acute Care Surgery/Surgical Critical Care Fellowships	Acute Care Surgery	Splenic Immune Function
Randy Woods, MD, FACS Associate Professor Director, General Surgery Residency Program	Acute Care Surgery	Surgical Education
Lucile Wrenshall, MD, PhD, FACS Professor of Surgery and Department of Neuroscience, Cell Biology and Physiology	Transplant Surgery	Immunology

Name and Academic Position (Secondary Appointment)	Primary Department
Caroline Cao, PhD	Biomedical, Industrial and Human Factors
Jennie Gallimore, PhD	Biomedical, Industrial and Human Factors
Subhashini Ganapathy, PhD	Biomedical, Industrial and Human Factors
R. Michael Johnson, MD	Orthopaedic Surgery, Plastic Surgery
Paul Koles, MD	Pathology
Catherine Marco, MD	Emergency Medicine
Ronald Markert, PhD	Internal Medicine
Pratik Parikh, PhD	Biomedical, Industrial and Human Factors

4 Teaching

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

Dr. Elluru

"Modeling and Analysis of Human Airway Dynamic – Utilizing Data Obtained from a Cine MRI" Candidate for Masters in Engineering Milwaukee School of Engineering (Wesley Zloza)

Dr. McCarthy

"Engineering Inpatient Discharges: Disposition Prediction and Day-of-Discharge Planning" – Dissertation - WSU School of Engineering (Nick Ballester, PhD)

"Evaluating Mobile Information Display System in Transfer of Care" PhD - Thesis - WSU Industrial and Human Factors Engineering (Katelyn Berberich)

"Matrix Model for Mechanical Ventilation" PhD - Thesis - University of Dayton, Nonlinear Control Laboratory, Electrical and Computer Engineering Department (Jason Cahill)

Undergraduate medical education [medical school]

Dr. Aranda

Preceptor third and fourth year students

Dr. Barnett

Weekly lectures of pertinent pediatric surgery topics for rotating medical students

Dr. Barney

Abdominal anatomy clinical correlations 1st year medical students

Abdomen clinical correlation first year medical students

Reproductive endocrine course first year medical students

Breast TBL endocrine course first year medical students

Preceptor third year students

Preceptor fourth year medical students

Case conference instructor breast TBL

Dr. Bini

Preceptor third and fourth year students

TEAM course director/instructor

Dr. Ekeh

Clinical preceptor WSU acute care nurse practitioner program

Clinical preceptor physician assistance program, Kettering College of Allied Health

Multidisciplinary trauma conference: Case presentations, direct discussion by faculty, residents, staff and allied health personnel

Morbidity and Mortality conference

Preceptor third and fourth year students during surgery clerkship and critical care elective

Trauma service and critical care rounds

Third year students' patient case conference

Dr. Elluru

Pediatric head and neck masses didactic lecture

Dr. Falls

Journal club

Professionalism lecture
Student case presentations
Surgical reflective writing course
Suture Lab
Vascular TBLs

Dr. Hellan

Preceptor third and fourth year students
Bootcamp – Laparoscopy

Dr. Galusha

Preceptor to USHDS and HPSP medical students

Dr. Matsuura

Suture lab
Vascular cadaver lab

Dr. McCarthy

Case presentations
FCCS instructor
Letters of recommendations for surgical, anesthesia and specialty surgical applicants
Reflective writing
Surgical anatomy review for bootcamp
TEAM simulation lab

Dr. Ouellette

Preceptor: Third and fourth year medical students

Dr. Parikh

Fourth year elective course director (Surgery 840)
Research opportunities for medical students lecture at Surgery Club

Dr. Pence

Clerkship Director SUR 820, Pediatric Surgery
Clerkship Director SUR 826, Introduction to Pediatric Surgery

Dr. Peterson

Cadaver suture lab
Clerkship skills lab
Medical student personal essays
Reflective writing
Ultrasound for medical students
VA clinical skills lab
VA simulation lab with medical students

Dr. Roelle

Applying for surgical residency information session
Case presentations
Fourth year medical student bootcamp
Introduction to Clinical Medicine (ICM) bootcamp
Medical student orientation lecture
Participated in LCME site visit
Pig foot suture lab
Personal statement review
Preceptor: Third and fourth year medical students
TBL: Perioperative, hepatobiliary and stomach
TEAM: Patient scenarios
Ultrasound lab
VA Skills lab

Dr. Rundell

Cadaver suture lab

Case presentations in vascular disease
Gowning, gloving, infection control and surgical scrubbing
Introduction to the OR
Introduction to Clinical Medicine – Course director
Laparoscopic Lab
Morbidity and Mortality Conference
Pig's foot suture lab
TEAM simulation sessions
Student orientation with each block
Suture Lab

Dr. Semon

ATLS course instructor
Bootcamp
FCCS course instructor
TBL: Shock and critical care
Preceptor: Third and fourth year medical students on acute care surgery and surgical ICU

Dr. Shim

Applying for surgery residency (3rd year students)
Cadaver suture lab
Case presentations
FLS cadaver lab
Laparoscopic lab
Interview medical students
Medical student video project
Oral exam questions
Preceptor third year medical students and PA students
Reflective writing
Student shadowing
Surgery club
TBL: Case presentations
Ultrasound lab
VA and 3D Med for Sim Center
Developed laparoscopic skill labs for third year medical students

Dr. Tuttle

Preceptor third and fourth year medical students

Dr. Walusimbi

Bootcamp
Case discussions: Esophagus
Suture lab
TEAM lectures
TEAM simulations
Ultrasound lab

Dr. Woods

Boot camp lecture: Professionalism, sign out/hand off
Boot camp skills lab facilitator
Esophagus case discussion
Nutrition case discussion
TBL: Perioperative considerations
Fourth year student personal statement review session
Fourth year student schedule advising sessions
Third and fourth year student surgery application preparation meetings

Graduate medical education [residents, fellows]

Dr. Aranda

Faculty mentor WSU, Grandview and 4 Michigan program residents

Dr. Barnett

ATLS instructor – thoracic trauma
Mentor for multiple Henry Ford rotating residents including research projects
Morbidity and Mortality Conference

Dr. Barney

Mock orals
Mortality and Morbidity conference

Dr. Bini

ASSET course director
ATLS course director
Resident clinical skills laboratory exercises

Dr. Ekeh

ASSET course instructor
ATLS course instructor: Mediator for trauma case review
FCCS course instructor

Dr. Falls

ASSET course instructor
Resident interviews
Resident advisor
Vascular case conference

Dr. Galusha

After hours robotic training sessions
Mock orals
Resident advisor
Rotation director WPAFB

Dr. Hellan

ABSITE review facilitator
Cadaver labs
FLS instructor/course director
Mock orals
Robotic curriculum revisions and updates

Dr. Jafree

ABSITE review sessions
Acute Care Surgery Conference presenter – Upper extremity vascular injury
FLS cadaver lab
Professionalism in the resident program lecture
Resident advisor

Dr. Matsuura

Acute Care Surgery conference speaker – Blunt traumatic aortic injuries
Morbidity and Mortality Conference
Vascular lab

Dr. McCarthy

ABSITE review
ACS conference speaker
Mock orals
Interview all surgical residency candidates
Rank order list committee
Ultrasound lab

Dr. Ouellette

ABSITE review facilitator
DocOlympics
Morbidity and Mortality Conference

Dr. Pence

Rotation director, pediatric surgical education, Henry Ford Hospital System, Detroit, MI

Dr. Peterson

Acute Care Surgery Conference presenter - Vascular interventions for VTE prophylaxis and treatment
Resident advisor

Dr. Roelle

Breast conference presentations
DocOlympics judge
Mock orals
Morbidity and Mortality Conference

Dr. Rundell

ASSET course instructor
Department of Surgery faculty mentor
Oral board preparation course
Proctor, direct and instruct R5 and R1 residents
Small group seminars with residents and students

Dr. Semon

Acute Care Surgery Conference presenter: CNS trauma
ATLS surgical skills lab
Basic science 2nd year medical students in hematology module
ASSET course instructor
DocOlympics judge
FCCS course director/instructor
Intern orientation, disaster response
Mock orals prep
Trauma procedure labs

Dr. Shim

ABSITE review sessions
DAGMEC judge for resident research
Elliott Symposium judge
FLS resident skills lab
Hernia teaching at basic science
Laparoscopy teaching
Mock orals
Oral exam questions
Pig's lab with residents at Ethicon
Professionalism in the residency program
Resident case conference teaching
Resident teaching (high yield ABSITE questions)

Dr. Tuttle

Breast conference
Development and coordinator of ABSITE review
Journal club (melanoma management, aneurysmal disease, hepatocellular carcinoma, hormone replacement in menopausal women, necrotizing pancreatitis, paraesophageal hernia: mesh or no mesh?)
Mock orals
Mortality and Morbidity Conference
Oral board prep 3rd and 4th year residents
Resident mentoring
Resident application reviewer

Dr. Walusimbi

Acute Care Surgery conference facilitator
Critical care lectures
ASSET course director
Mock orals

Morbidity and Mortality Conference
Trauma service lectures

Dr. Woods

Acute Care Surgery Conference presenter – Nutrition
ATLS course director/instructor
ABSITE review facilitator
Basic Science Presentations: OR safety, AIDET training, resident fatigue
DocOlympics judge
Faculty advisor
FCCS instructor: Mechanical ventilation
Intern bootcamp skills lab facilitator: Suture/knot tying and chest tubes
Mock orals examiner
Morbidity and Mortality conference
Trauma conference
Trauma procedure lab facilitator

Continuing medical education [grand rounds, seminars]

Henry Ford Wyandotte Hospital Department of Surgery Grand Rounds – “*Update on pediatric and neonatal MIS*”
(Dr. Aranda)

AMA CPT RBRVS Symposium – General Surgery **(Dr. Barney)**

ACS Advanced Coding Workshop – Moderator for Clinical Congress **(Dr. Barney)**

Update on Literature Requirements for CPT – Editorial Panel Meeting **(Dr. Barney)**

ACS Webinar on Global Payment **(Dr. Barney)**

OCACS Global Payment Update **(Dr. Barney)**

Trauma and Critical Care Update speaker – “*Damage control surgery*” **(Dr. Bini)**

Kettering Medical Center, Department of Surgery Grand Rounds – “*One to one ATLS, whole blood – What’s a surgeon to do? Massive transfusions: risks, benefits, applications and problems*” **(Dr. Bini)**

Grandview Hospital, Department of Surgery Grand Rounds - “*One to one ATLS, whole blood – What’s a surgeon to do? Massive transfusions: Risks, benefits, applications and problems*” **(Dr. Bini)**

Kettering Medical Center, Department of Surgery Grand Rounds – “*Surgical management of colonic emergencies: An update*” **(Dr. Ekeh)**

Kettering Medical Center, Department of Surgery Grand Rounds - “*Vascular complications access*” **(Dr. Falls)**

Kettering Medical Center, Department of Surgery Grand Rounds – “*ERAS: Enhanced recovery after surgery*” **(Dr. Hellan)**

Kettering Medical Center Cancer Conference/Tumor Board speaker **(Dr. Hellan)**

Piqua County Club – “*Update in colorectal cancer management*” **(Dr. Hellan)**

Kettering Medical Center, Department of Surgery Grand Rounds - “*Type B dissection, changing in paradigm*” **(Dr. Jafree)**

Kettering Medical Center, Department of Surgery Grand Rounds - “*Interactive session on vascular surgical exposures*” **(Dr. Jafree)**

Kettering Medical Center, Department of Surgery Grand Rounds – “*Intravascular robotics past, present, and future*” **(Dr. Matsuura)**

Kettering Medical Center, Department of Surgery Grand Rounds – *Vascular case conference – Sleepy artery*” **(Dr. Matsuura)**

Kettering Medical Center, Department of Surgery Grand Rounds – “*Surgical management of liver tumors*” **(Dr. Ouellette)**

Piqua Country Club – “*Update in surgical approach to colorectal liver metastasis*” **(Dr. Ouellette)**

Wright State University Physician Wellness: “*Innovations in Medicine: Robotics*” **(Dr. Ouellette)**

Midwest Surgical Association Meeting moderator– *Hepatopancreatobiliary*” **(Dr. Ouellette)**

Pediatric Surgery Performance Improvement Conference, director **(Dr. Pence)**

Trauma Performance Improvement Conference, Director **(Dr. Pence)**

Kettering Medical Center, Department of Surgery Grand Rounds – “*Trauma systems: From princess diana to pulse.*” **(Dr. Semon)**

Premier Health Trauma and Critical Care Update – “*Lessons learned from Orlando mass shooting.*” **(Dr. Semon)**

2018 Fifteenth Annual International Medical Health Organization: “*Evolution of minimally invasive surgery and training surgeons in developing countries*” **(Dr. Shim)**

2018 Fifth Annual Wellness Weekend for Boonshoft School of Medicine: “*Robotic surgical education: The good and the bad.*” **(Dr. Shim)**

Bariatric Symposium: “*Comprehensive approach to weight Loss*” **(Dr. Shim)**

Wright State University OB/GYN Grand Rounds - “*Women’s health and obesity*” **(Dr. Shim)**

2017 Regional sessions of College of Surgeons of Sri Lanka Jaffna – “*Maximally invasive surgery by a minimally invasive surgeon: Lessons from Afghanistan*” (**Dr. Shim**)

2017 Regional sessions of College of Surgeons of Sri Lanka Jaffna: “*Laparoscopic surgery in abdominal trauma*” (**Dr. Shim**)

American College of Surgeons Conference presentation “*Management of chronic recurrent periareolar breast abscesses*” (**Dr. Tuttle**)

American College of Surgeons Panel Discussion – “*Inflammatory conditions of the breast*” (**Dr. Tuttle**)

Kettering Medical Center, Department of Surgery Grand Rounds – “*ABSITE review*” (**Dr. Tuttle**)

Piqua Country Club – “*Oncology Update: Advances in the treatment of lung, breast, liver, and GI cancers*” (**Dr. Tuttle**)

Kettering Medical Center, Department of Surgery Grand Rounds – “*Notable medical achievements impacting surgical care*” (**Dr. Walusimbi**)

Kettering Medical Center, Department of Surgery Grand Rounds – “*Small bowel obstruction*” (**Dr. Woods**)

Other

Regional EMT Summit – “*Thoracic trauma and arrival to the trauma bay*” (**Dr. Barnett**)

Centerville Fire Department – “*Thoracic trauma*” (**Dr. Barnett**)

Physician Assistant student preceptor/supervisor (**Dr. Barney**)

Radio Interview – Lymphedema Spring 2017 (**Dr. Barney**)

Breast Cancer Outreach October 2017 (**Dr. Barney**)

Discussant for Paper “*Improving the mortality index by capturing patient acuity through interprofessional real time documentation improvement*” at 75th Annual Meeting of the Central Surgical Association, Columbus, OH (**Dr. Ekeh**)

Discussant for paper “*Utility of sequential organ failure assessment score in predicting bacteremia in critical ill burn patients*” at Central Surgical Association/Midwest Surgical Association Combined Meeting (**Dr. Ekeh**)

University of Dayton Physician Assistant Program speaker November 2017 (**Dr. Elluru**)

SNMA Leadership Conference September 30, 2017 (**Dr. Falls**)

Women in Surgery Panel – Wright State University (**Dr. Hellan**)

Dayton Ostomy Support Group presenter (**Dr. Hellan**)

ERAS Presentation to MVH OR Nursing Staff (**Dr. Hellan**)

ERAS Presentation to Wright State University Department of Surgery Faculty (**Dr. Hellan**)

ERAS (Enhanced Recovery after Surgery) presentation to Premier Health (**Dr. Hellan**)

Invited speaker “*How do you address gender salary equity in your department?*” ASA Meeting April 21, 2017 (**Dr. McCarthy**)

Invited speaker “*Management of retroperitoneal hematoma of abdomen and pelvis*” and skills lab and TEAM training: ACS Meeting, Sri Lanka May 31-June 3, 2017 (**Dr. McCarthy**)

Invited speaker ACS Chapter Meetings: Kentucky, Kansas City and Delaware 2017

Moderator “*Current military/civilian sustainment collaborative*” at Military-Civilian Partnerships in Trauma Meeting December 14, 2017 (**Dr. McCarthy**)

Keynote speaker at West African ACS Conference February 27, 2018 (**Dr. McCarthy**)

Dayton Regional STEM School “*Cancer talk*” (**Dr. Ouellette**)

Alter High School STEM Lecture “*Cancer talk*” (**Dr. Ouellette**)

Alter High School “*Foundations in medicine*” (**Dr. Ouellette**)

Incarnation School Career Day (**Dr. Ouellette**)

Dayton Regional STEM School “*Cancer talk*” (**Dr. Ouellette**)

Incarnation School Judge for Science Fair (**Dr. Ouellette**)

Wright State University “*Breast wellness*” presentation (**Dr. Roelle**)

Breast Cancer Radio Interview (**Dr. Roelle**)

Break for Breast Cancer presentation (**Dr. Roelle**)

American College of Surgeons General Coding Workshop (**Dr. Semon**)

BBCON train the trainer at Cedarville College (**Dr. Semon**)

Hernia awareness seminar (**Dr. Semon, Dr. Shim, Dr. Ekeh**)

Grandview Journal Club (**Dr. Semon**)

Presentation to Dayton Physicians “*HIPEC*” (**Dr. Tuttle**)

Presentation at Wright State University Boonshoft School of Medicine – “*Breast health*” (**Dr. Tuttle**)

Speaker and Panel – Women in Surgery (**Dr. Tuttle**)

Presentation to Kettering Physicians – “*Billing and coding for breast HIPEC*” (**Dr. Tuttle**)

Interview with Lucas Gonzalez, report for WSU Guardian – “*Breast cancer and research*”

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]

Dr. Barney

Community Grant “*Regional expansion of living with lymphedema care communities*” (\$11,000.00)

Dr. Ekeh

Lexus Nexus (Reed Elsevier) grant for Injury Prevention Program “*Hope in the valley (juvenile intervention program)*” (\$12,000.00)

Ohio Department of Public Safety “*Safe communities*” grant for Injury Prevention Center (\$100,000.00).

Dr. Falls

Dayton Area Graduate Medical Education Community Resident Research Grant: “*Stressful situations in the operating room using a simulation based method*” (\$2,500.00) (**Dr. Savannah Jones**/Dr. Falls PI**, Co-I Priti Parikh and Paul Hershberger)

Dr. Hellan

Quantagene “*Circulating tumor DNA exposure in peripheral blood using a novel process: A feasibility study.*” (\$4,000.00). (Co-I: Drs. Ouellette, Tuttle)

Dr. McCarthy

Wright State University Boonshoft School of Medicine Medical Student Research Grant: “*Application of medical student research objectives in an international medical elective: Voluntary medical male circumcision in Swaziland.*” (\$2,100.00) (**Alison Bales*/Dr. McCarthy PI**)

Wright State University Boonshoft School of Medicine Medical Student Research Grant: “*Should extraperitoneal bladder injuries be repaired at the time of pelvic fixation?*” (\$1,600.00) (**Kevin Purcell*/Dr. McCarthy PI**)

Neuren Pharmaceuticals Limited & DoD) INTREPID TBI Trial. Proposal: 15-191-1 (669769) “*A randomized, double-blind, placebo-controlled, dose-escalation study of NNZ-2566 in patients with traumatic brain injury (TBI).*” 2014–2018

BIPI RE-VERSE-AD. WSU Grant/Fund Number – 669823/669823. “*A phase III case series clinical study of the reversal of the anticoagulants effects of dabigatran by intravenous administration of 5.0g idarucizumab (BI 655075) in patients treated with dabigatran etexilate who have uncontrolled bleeding or require emergency surgery or procedures.*” 2015-2017.

INTREPID. WSU Grant/Fund Number – 669769/669769. “*An open label, randomized study to determine the rate of cardiovascular events at 1 year for patients with elevated troponins post major non-cardiac surgery and the impact of ticagrelor versus aspirin on the occurrence of cardiovascular events.*” 2015-2018

InVention Health Clinical - Proposal: 18-0336. “*A Phase III, randomized, double-blind, multicenter study to assess the efficacy and safety of OCTAPLEX, a four-factor prothrombin complex concentrate (4F-PCC), compared to the 4FPCC Beriplex® P/N (Kcentra), for the reversal of vitamin K antagonist induced anticoagulation in patients needing urgent surgery with significant bleeding risk.*” 2018-

Dr. Parikh

EMS Division, Ohio Department of Public Safety “*Refining the definitions of under- and over-triage: A data analysis and consensus based approach.*” (\$75,000.00) (Dr. Parikh Co-I)

Dr. Semon

Abbott “*PIVOT - randomized control trial of PIVOT tube feeds in TBI patients vs standard tube feed - immune enhancement study.*” (\$2,000.00)

Dr. Shim

Wright State University Boonshoft School of Medicine Medical Student Research Grant: "Improvement of laparoscopic instruments for small hands." (\$1,000.00) (**Elizabeth Spanos*/Dr. Shim PI**).

Wright State University Boonshoft School of Medicine Medical Student Research Grant: "kHealth Bariatrics: A multisensory approach to monitoring patients' postsurgical behavior". (\$2500.00) (**Sarah Sohail*/Dr. Shim PI**)

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

Peer Reviewed

Marco CA, Cook A, Whitis J, Xidas J, Marmora B, Mann D, Olson JE. Pain scores for venipuncture among emergency department patients. *Am J Emerg Med*. 2017 Jan;35(1):183-184

Jazayeri-Moghaddas OP, Tse W, Herzing KA, **Markert RJ**, Gans AJ, **McCarthy MC**. Is nasotracheal intubation safe in facial trauma patients? *Am J Surg*. 2017 Mar;213(3):572-574. doi: 10.1016/j.amjsurg.2016.11.003. Epub 2016 Nov 8

Craker NC, Myers RA, Eid J, **Parikh PP**, **McCarthy MC**, Zink K, **Parikh PJ**. Nursing interruptions in a trauma intensive care unit: A prospective observational study. *J Nurs Adm*. 2017 Apr;47(4):205-211. doi: 10.1097/NNA.0000000000000466

Parikh PP, White MT, Buckingham L, **Tchorz KM**. Evaluation of palliative care training and skills retention by medical students. *J Surg Res*. 2017 May 1;211:172-177. doi: 10.1016/j.jss.2016.11.006. Epub 2016 Nov 11

Marco CA, Nelson LS, Baren JM, Beeson MS, Carius ML, Chudnofsky CR, Gaushe-Hill M, Goyal DG, Keim SM, Kowalenko T, Muelleman RL; Research Committee, American Board of Emergency Medicine, Joldersma KB; American Board of Emergency Medicine. American Board of Emergency Medicine report on residency and fellowship training information (2016-2017). *Ann Emerg Med*. 2017 May;69(5):640-652. Doi: 10.1016/j.annemergmed.2017.03.025

Madni TD, **Ekeh AP**, Brakenridge SC, Brasel KJ, Joseph B, Inaba K, et. Al: A comparison of prognosis calculates for geriatric trauma: A prognostic assessment of life and limitations after trauma in the elderly consortium study. *J Trauma Acute Care Surg*. 2017 Jul;83(1):90-96. doi: 10.1097/TA.0000000000001506

Zakrisson TL, Polk TM, Dixon R, **Ekeh AP**, Gross KR, Davis KA, Kurek SJ Jr., Stassen NA, Patel MB. Paying it forward: Four-year analysis of the Eastern Association for the Surgery of Trauma Mentoring Program. *J Trauma Acute Care Surg*. 2017 Jul;83(1):165-169. doi: 10.1097/TA.0000000000001493

Droz NM, **Bini JK**, **Jafree KA**, **Matsuura JH**. Staged reconstruction of the inferior vena cava after gunshot injury. *J Vasc Surg Cases Innov Tech*. 2017 Jul 18;3(3):136-138. doi: 10.1016/j.jvscit.2017.03.005. eCollection 2017 Sep

Parikh PJ, Ballester N, Ramsey K, Long N, Pool N. The n-by-T target discharge strategy for inpatient units. *Med Decis Making*. 2017 Jul;37(5):534-543. doi: 10.1177/0272989X17691735. Epub 2017 Feb 13

Tucker B, Aston J, Dines M, Caraman E, Yacyshyn M, **McCarthy MC**, Olson JE. Early brain edema is a predictor of in-hospital mortality in traumatic brain injury. *J Emerg Med*. 2017 Jul;53(1):18-29. doi: 10.1016/j.jemermed.2017.02.010. Epub 2017 Mar 23

Liu J, Law RA, **Koles PG**, Saxe JC, Bottomley M, Sulentic CEW. Allelic frequencies of the hs1.2 enhancer within the immunoglobulin heavy chain region in Dayton, Ohio patients screened for celiac disease with duodenal biopsy. *Dig Liver Dis*. 2017 Aug;49(8):887-892. doi: 10.1016/j.dld.2017.03.023. Epub 2017 Apr 9

Sieffert M, **Ouellette J**, **Johnson M**, Hicks T, **Hellan J**. Novel technique of robotic extralevator abdominoperineal resection with gracilis flap closure. *Int J Med Robot*. 2017 Sep;13(3). doi: 10.1002/rcs.1764. Epub 2016 Jul 20

Wall EJ, Reynolds JE, Jain W, Bylski-Austrow DI, Thompson GH, Samuels PJ, **Barnett SJ**, Crawford AH. Spine growth modulation in early adolescent idiopathic scoliosis: Two –year results of prospective US FDA IDE pilot clinical safety study of titanium clip-screw implant. *Spine Deform*. 2017 Sep;5(5):314-324. doi: 10.1016/j.jspd.2017.02.004

Bales AM, Oddo AR, Dennis DJ, Siska RC, VanderWal E, VanderWal H, Dlamini N, **Markert RJ, McCarthy MC**. Global health education for medical students: When learning objective include research. *J Surg Educ*. 2017 Oct 5. pii: S1931-7204(17)30329-X. doi: 10.1016/j.jsurg.2017.09.015. [Epub ahead of print]

Cook AC, Joseph B, Mohler MJ, Inaba K, Bruuns BR, Nakonezny PA, Kerby JD, Brasel KJ, Wolf SE, Cuschieri J, Paulk ME, Rhodes RL, Brakenridge SC, **Ekeh AP**, Phelan HA. Validation of a geriatric prognosis calculator: A P.A.L.L.I.A. T.E. consortium study. *J Am Geriatr Soc*. 2017 Oct;65(10):2302-2307. doi: 10.1111/jgs.15009. Epub 2017 Aug 14

Ali J, Rice RD, David EA, Spicer JD, Dubose JJ, Bonavina L, Siboni S, O'Callaghan TA, Lou-Owen X, Harrison S, Ball C, Bini JK, Vercruysse GA, Skarupa D, Miller CC, Estrera AL, Khalil KG. Perforated esophageal intervention focus (PERF) study: A multi-center examination of contemporary treatment. *Disease of the esophagus*. 2017 Nov 1;30(11):1-8

Marco CA, Brenner JM, Kraus CK, McGrath NA, Derse AR, ACEP Ethics Committee. Refusal of emergency medical treatment: Case studies and ethical foundations. *Ann Emerg Med*. 2017 Nov;70(5):696-703. Doi: 10.1016/j.annemergmed.2017.04.015. Epub 2017 May 27

Chang SL, Patel V, Giltner J, Lee R, **Marco CA**. The relationship between ocular trauma and substance abuse in the emergency department patients. *Am J Emerg Med*. 2017 Nov;35(11):1734-1737. doi: 10.1016/j.ajem.2017.07.015. Epub 2017 Jul 8

Parikh PP, Parikh PJ, Guthrie B, Mamer L, Whitmill M, Erskine T, **Woods RJ**, Sax J. Impact of triage guidelines on prehospital triage: comparison of guidelines with a statistical model. *J Surg Res*. 2017 Dec;220:255-260. doi: 10.1016/j.jss.2017.06.084. Epub 2017 Aug 5

Parikh PP, Parikh PJ, Guthrie B, Mamer L, Whitmill M, Erskine T, **Woods RJ**, Saxe J. Impact of triage guidelines on prehospital triage: comparison of guidelines with statistical model. *J Surg Res*. 2017 Dec;220:255-260. Doi: doi: 10.1016/j.jss.2017.06.084. Epub 2017 Aug 5

Geiderman JM, Iserson KV, **Marco CA**, Jesus J, Venkat A. Conflicts of interest in emergency medicine. *Acad Emerg Med*. 2017 Dec;24(12):1517-1526. doi: 10.1111/acem.13253. Epub 2017 Oct 16

Coverdill JE, Shelton JS, Alseidi A, Borgstrom DC, Dent DL, Dumire R, Fryer J, Hartranft TH, Holsten SB, Nelson MT, Shabahang MM, Sherman SR, Termuhlen PM, **Woods RJ**, Mellinger JD. The promise and problems of non-physician practitioners in general surgery education: Results of a multi-center, mixed-methods study of faculty. *Am J Surg*. 2018 Feb;215(2):222-226. Doi: 10.1016/j.amjsurg.2017.10.040. Epub 2017 Nov 5

Coverdill JE, Alseidi A, Borgstrom DC, Dent DL, Dumire R, Fryer J, Hartranft TH, Holsten SB, Nelson MT, Shabahang MM, Sherman SR, Termuhlen PM, **Woods RJ**, Mellinger JD. Assessing the 16 hour intern shift limit: Results of a multi-center, mixed-methods study of residents and faculty in general surgery. *Am J Surg*. 2018 Feb;215(2):326-330. doi: 10.1016/j.amjsurg.2017.08.053. Epub 2017 Nov 4

Kuhn GJ, **Marco CA**, Mallory MNS, Blanda M, Kaplan JA, Schneider SM, Joldersma KB, Martin SI, Choo EK. Financial planning and satisfaction across life domains among retired emergency physicians in the United States. *Am J Emerg Med*. 2018 Mar;36(3):508-510. doi: 10.1016/j.ajem.2017.06.059. Epub 2017 Jul 28

Marco CA, Mozeleski E, Mann D, Holbrook MB, Serpico MR, Holyoke A, Ginting K, Ahmed A. Advance directives in emergency medicine: Patient perspectives and application to clinical scenarios. *Am J Emerg Med*. 2018 Mar;36(3):516-518. doi: 10.1016/j.ajem.2017.08.002. Epub 2017 Aug 2

Ackerman SJ, Daniel S, Baik R, Liu E, Mehendale S, Tackett S, **Hellan M**. Comparison of complication and conversion rates between robotic-assisted and laparoscopic rectal resection for rectal cancer: which patients and providers could benefit most from robotic-assisted surgery? *J Med Econ*. 2018 Mar;21(3):254-261. doi: 10.1080/13696998.2017.1396994. Epub 2017 Nov 14

Klimczak J, Helman S, **Kadakia S**, Sawhney R, Abraham M, Vest AK, Ducic Y. Prosthetics in facial reconstruction. *Craniomaxillofac Trauma Reconstr*. 2018 Mar;11(1):6-14. doi: 10.1055/s-0037-1603459. Epub 2017 May 22

Kadakia S, Jatagaonkar A, Roche A, Chai RL. Tonsillectomy sparing transoral robot assisted styloidectomy. *Am J Otolaryngol*. 2018 Mar – Apr;39(2):238-241. doi: 10.1016/j.amjoto.2018.01.007. Epub 2018 Jan 31

Brenner M, Inaba K, Aiolfi A, DuBose J, FGabian T, Bee T, Holcomb JB, Moore L, Skarupa D, Scalea TM, AAST AORTA Study Group (**Matsuura JH**). Resuscitative endovascular balloon occlusion of the aorta and resuscitative thoracotomy in select patients with hemorrhagic shock: Early results from the American Association for the Surgery of Trauma's Aortic Occlusion in Resuscitation for Trauma and Acute Care Surgery Registry. *J Am Coll Surg*. 2018 May;226(5):730-740. doi: 10.1016/j.jamcollsurg.2018.01.044. Epub 2018 Feb 6

Marco CA, Mann D, Rasp J, Ballester M, Perkins O, Holbrook MB, Rako K. Effects of opioid medications on cognitive skills among Emergency Department patients. *Am J Emerg Med*. 2018 Jun;36(6):1009-1013. doi: 10.1016/j.ajem.2017.11.017. Epub 2017 Nov 8

Non-Peer Reviewed

Marco CA, Lall MD, Wong ML, Schears RM: Physician wellness. *ACEP Now* 2017; 36(5):13-14

Sullivan W, **Marco CA**, Solomon RC. Admit or not? Treatment of patients with pending blood cultures in the emergency department. *ACEP Now* 2017; 36(5):1, 10.

Papers in refereed journals

Case Reports

Droz N, **Bini JK**, **Jafree KA**, **Matsuura JH**. Staged reconstruction of the inferior vena cava after gunshot injury. *J Vasc Surg Cases Innov Tech*. 2017 Jul 18;3(3):136-138. doi: 10.1016/j.jvscit.2017.03.005. eCollection 2017 Sep

Dieters AM, **Hellan M**, **Tuttle RM**, **Ouellette JR**. Irreversible electroporation of recurrent pancreatic cancer with 5-year survival. Case Report *OAT Liver and Pancreatic Sciences*. 2017 2(2): 1-4. Doi: 10.15761/LPS.1000113
Thorburn A, **Moore N**, **Heid C**, **Hendershot K**. Management of Ogilvie's syndrome following Cesarean delivery: A case report. *Journal of Reproductive Medicine*. 2018 Jan 63(2):171-174

Books, chapters, reviews

Barnett S. Section on Surgery; Committee on Bioethics; American Pediatric Surgical Association New Technology Committee. Responsible innovation in Children's Surgical Care. *Pediatrics*. 2017 Jan 139(1).

Mazhar K, **Elluru RG**. In Paparella's Otolaryngology: Head and Neck Surgery. Airway management (Includes tracheotomy and intubation). Paparella, Selaimen Da Costa, and Singh editors. JP Medical Publishers, Inc., 2018. London, UK. Chapter 66.

Peterson L, Corriere MA. "Vascular Surgery" Pocket Journal Club: Essential Articles in General Surgery (2017. ISSN: 9781259587580. Available at: http://works.bepress.com/laura_peterson/180.

Prunty SL, **Elluru RG**, Vijayasekeran S. In Rhinology and Facial Plastic Surgery, Congenital Abnormalities of the Nose. Fred J Stucker et. Al. editors. Springer-Verlag, Berlin, 2018.

Tuttle R, Nurkin S. Palliation of incurable esophageal cancer. In: *The Textbook of Complex Surgical Oncology*. Chapter 91. McGraw Hill Publishing

Marco CA. Dermatologic Emergencies. In: Rosen et al: eds: Emergency Medicine Current Concepts and Clinical Practice, 9th edition 2017

Shim JK, **Tayim RJ**, Lehmann RK. (2018). Esophageal reflux disease before and after bariatric surgery. In: Reavis K, Barrett A, Kroh M. (eds) The SAGES Manual of Bariatric Surgery. Springer, Cham. Chapter 47, pp:647-665.

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

Oral Presentations

Madni T, **Ekeh AP**, Brakenridge SC, Brasel K, Joseph B, Inaba K, Bruns B, Kerby JD, Cushcieri J, Mohler J, Nakonezny P, Imran J, Wolf SE, Paulk E, Rhodes R, Phelan HA. A comparison of prognosis calculators for geriatric trauma: A P.A.L.L.i.A.T.E. consortium study. Oral presentation at: The 30th Eastern Association for the Surgery of Trauma (EAST) Scientific Assembly; 2017 Jan 11; Hollywood, FL.

Schmitt BA, Wright NV, Zhou Y, Reynolds DB, **Anstadt MP**. Pulsatile characteristics of the mechanically actuated fibrillating heart are similar to the native beating heart. Oral presentation at: The Society of Thoracic Surgeons 53rd Annual Meeting; 2017 Jan 23; Houston, TX

Parikh PP, Parikh PJ, Guthrie L, Mamer L, Whitmill ML, Erskine T, **Woods RJ**, Saxe J. Impact of triage guidelines on pre-hospital triage errors. Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 7; Las Vegas, NV

Parikh PJ, Guthrie B, Erskine T, **McCarthy MC, Parikh PP**. Maldistribution of trauma centers: impact on patient care and resource utilization. Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 7; Las Vegas, NV

Tayim R, Szymanski E, Gans A, Ekeh AP. Detection of blunt bowel and mesenteric injury using multidetector CT - Are we getting better? Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 8; Las Vegas, NV

Sweet E, Seabold E, Herzing K, Markert R, Gans A, Ekeh AP. Laparoscopic cholecystectomy in the acute care surgery model: Risk factors and complications. Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 9; Las Vegas, NV.

Gayed M, Ekeh AP. Is there still a role for "selective management" in penetrating neck trauma? Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 9; Las Vegas, NV.

Pringle JL, Bourgon AL, Chaudhary MA, Speranza F, Tisherman S, Ekeh AP. Are ICU's being over-utilized for mild traumatic brain injury? Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 9; Las Vegas, NV

Droz N, Parikh PP, Whitmill ML, Hendershot KM. Current practice patterns and burnout of trauma and acute care surgeons. Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 9; Las Vegas, NV

Oddo AR, Bales A, Siska R, Dennis DJ, Vanderwal E, Vanderwal H, Markert RJ, McCarthy MC. Application of student research objectives in an international elective: Circumcision in Swaziland. Oral presentation at: 12th Annual Academic Surgical Congress; 2017 Feb 9; Las Vegas, NV

Myers RA, **Parikh PJ**. Nurses' work with interruptions. Wright State University CoNH Lunch and Learn; 2017 Feb 15; Dayton, OH

Semon G, Herzing KA, *Lichter A, Speranza F, Woods RJ*. Morbidly obese patients with rib fractures are at increased risk for requiring mechanical ventilation. Oral presentation at: Chest Wall Injury Society 2017 Summit; 2017 Mar 1; Park City, UT

Krunker L, Hellan M. Fluorescence-guided ureter identification during robotic sigmoid resection. Video presentation at: SAGES 2017 Annual Meeting; 2017 Mar 23-24; Houston, TX

Perry TL, Johnson RM, Krunker LM, Mobley EE, Curry EC. Improving outcomes using skin and soft tissue sparing flap preservation surgery: An alternative approach to wide radical debridement in Fournier's gangrene? Oral presentation at: 30th Annual symposium on Advanced Wound Care and Wound Healing Society Meeting; 2017 Apr 8; Charlotte, NC.

Hendershot KM, Whitmill ML, **Woods RJ**, Ricker E, **Parikh PP**. Health bariatrics: A multi-sensory approach to monitoring patient's post-surgical behavior. Oral presentation at: Wright State University 2017 Celebration of Research, Scholarship and Creative Activities; 2017 Apr 21; Dayton, OH

Venkataramanan RC, Sheth AP, Shim JK, Berman D, **Parikh PP**. Health bariatrics: A multi-sensory approach to monitoring patient's post-surgical behavior. Oral presentation at: Wright State University 2017 Celebration of Research, Scholarship and Creative Activities; 2017 Apr 21; Dayton, OH

Weigand L, Christ C, Ouellette J, Hellan M, Tuttle R. Sentinel lymph node biopsy and surgical margin management of thin melanomas at a community based cancer program. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Kranker L, Hellan M. Robotic right hemicolectomy with intracorporeal anastomosis via suprapubic port placement. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH
Kaminski A, Falls G, Parikh PP. Medical school clerkship experience: Influence on specialty choice. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Pringle J, Chaudhary M, Bourgon AL, Speranza F, Tisherman S, Ekeh AP. Are ICUs being over-utilized for mild traumatic brain injury? A retrospective review of mild TBI patients with intracranial hemorrhage admitted to the Intensive Care Unit. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Bentley BT, Bruun JS, McCarthy MC, Bini JK. Military surgeons in a civilian setting: A collaborative educational model. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Hennigan J, Ferencz SA, DuBose JJ, Nolan K, Sampson JB, Rasmussen TE, Galante J, Bee T, Fabian T, Menaker J, Scalea TM, Holcomb JB, Skarupa D, Inaba K, Bini JK. Contemporary tourniquet use in extremity vascular trauma: The AAST prospective observational vascular injury treatment (PROOVIT) registry. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Lichter A, Speranza F, Woods RJ, Semon GR, Herzing K. Obese patients with rib fractures are at increased risk for requiring mechanical ventilation. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Cheslik T, Ancus K, Miller J, Bukkapatnam C, Markert RJ, Dabbs C, Ekeh AP, McCarthy MC. A follow-up to the initial impact of the Affordable Care Act on an Ohio level 1 trauma center. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Pinette A, Duggan M, Stiff A, Normann R, Courtney N, McMichael E. Use of novel interleukin-15 construct (ALT-803) to enhance natural killer cell activity against Cetuximab-treated head and neck cancer cells. Oral presentation at: Daniel Elliott Research Symposium; 2017 May 3; Dayton, OH

Barnhill S, Arumugam P, Matsuura JH, Berceli S, Carroll K, Wrenshall L. Interleukin 2 promotes proliferation and migration in vascular smooth muscle cells. Oral presentation at: Society for Vascular Surgery 2017 Research Initiatives Conference; 2017 May 3; Minneapolis, MN

Tayim RJ, Smith MT, Markert RJ, Ekeh AP, McCarthy MC. Unplanned removal of invasive devices in trauma patients: Identifying risk factors and opportunities for prevention. Oral presentation at: Ohio Chapter Committee on Trauma; 2017 May 13; Cleveland, OH

Lichter A, Speranza F, Woods RJ, Semon G, Herzing K. Obese patients with rib fractures are at increased risk for requiring mechanical ventilation. Oral presentation at: Ohio Chapter Committee on Trauma; 2017 May 13; Cleveland, OH

Bentley B, Bruun J, McCarthy MC, Bini JK. Military surgeons in a civilian setting: A collaborative educational model. Oral presentation at: Ohio Chapter Committee on Trauma; 2017 May 13; Cleveland, OH

Chan A, McKinley H, Matsuura JH, Bee FK, Fabian TC, Menaker J, Scalea TM, Holcomb JB, Skarupa DJ, Inaba K, Catalano RD, Poulin NR, Sampson JB, Rasmussen TE, Bini JK. PROSpective observational vascular injury treatment (PROOVIT) registry: Evaluation of temporary intravascular shunt use in civilian vascular trauma. Oral presentation at: Ohio Chapter Committee on Trauma; 2017 May 13; Cleveland, OH

Ferencz SAE, DuBose JJ, J, Nolan K, Sampson JB, Rasmussen TE, Galante JM, Bee T, Fabian TC, Menaker JA, Scalea TM, Holcomb JB, Skarupa DJ, Inaba K, Bini JK. Contemporary tourniquet use in extremity vascular trauma: The AAST prospective observational vascular injury treatment (PROOVIT) registry. Oral presentation at: Ohio Chapter Committee on Trauma; 2017 May 13; Cleveland, OH

Myers R, McCarthy MC, Whitlach A, Parikh PJ. A patient-centered framework for understanding interruptions. Oral presentation at: IISE Annual Conference; 2017 May 21; Pittsburgh, PA

Ballester N, Parikh PJ, Kong N. The n-by-y inpatient discharge policy under various occupancy rates. Oral presentation at: IISE Annual Conference; 2017 May 22; Pittsburgh, PA

Acus I, Miller JL, McCarthy MC, Herzing K. The patient protection and affordable care act: Impacts on an Ohio level 1 trauma center three years after implementation. Oral presentation at: CSA and MSA 2017 Combined Annual Meeting; 2017 Jul 30; Chicago, IL

Ferencz SA, DuBose JJ, Hennigan J, Nolan K, Sampson JB, Rasmussen TE, Galante J, Bee T, Fabian T, Menaker J, Scalea TM, Holcomb JB, Skarupa D, Inaba K, Bini JK, and the AAST PROOVIT Study Group. Contemporary tourniquet use in extremity vascular trauma: The AAST prospective observational vascular injury treatment (PROOVIT) registry. Oral presentation: Quick Shot at: 76th Annual Meeting of American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery; 2017 Sep 13; Baltimore, MD

Faulconer ER, Brando BC, Loja M, Grayson K, Sampson J, Bee T, Cabian TC, Brenner M, Scalea TM, Holcomb JB, Skarupa D, Poulin N, Inaba K, Rasmussen TE, Dubose JJ on behalf of the AAST PROOVIT study Group Collaborators (Bini JK). Use of open and endovascular surgical techniques to manage vascular injuries in the trauma setting: A review of the AAST PROOVIT registry. Oral presentation at: 76th Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery; 2017 Sep 13; Baltimore, MD

Krunker L, Hellan M. Robotic right hemicolectomy with intracorporeal anastomosis via suprapubic port placement. Video presentation at: Clinical Robotic Surgery Association Worldwide Congress (CRSA); 2017 Sep 22; Chicago, IL

Thobe K. Bariatric Surgery: Power point presentation at: 2017 OAPA Annual Conference; 2017 Oct 13; Columbus, OH

Markert RJ, Lichter A, Parikh PP, Semon G. Outcomes for chest wall trauma patients with obesity and diabetes. Oral presentation at: Dubai International Healthcare Summit; 2017 Dec 18; Dubai, UAE

Parikh PP, Parikh PJ, Pestana JA, Sakran JV. Factors associated with secondary over-triage in trauma patients. Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Jan 30; Jacksonville, FL

Kang R, Ingersol C, Herzing K, Ekeh AP. Is cervical magnetic resonance imaging for cervical spine clearance justified after negative CT? Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Jan 31; Jacksonville, FL

Lichter A, Speranza F, Woods RJ, Parikh PP, Markert RJ, Semon GR. Management of rib fracture patients: Does obesity matter? Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Jan 31; Jacksonville, FL

Ganapathy S, Raju S, McCarthy MC. Use of google glass for patient information presentation for emergency response and training. Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Jan 31; Jacksonville, FL

Cha D, Yohannes N, Herzing K, Ekeh AP. Prevalence of marijuana use in injured drivers admitted to a Level 1 Trauma Center. Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Feb 1; Jacksonville, FL

Ganapathy S, Berberich KA, Kreiner AN, McCarthy MC. Evaluating mobile information display system in transfer of care scenarios. Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Feb 1; Jacksonville, FL

Kaminski AD, Falls GN, Parikh PP. Medical student clerkship experience: Influence on specialty choice. Oral presentation at: Academic Surgical Congress 13th Annual meeting; 2018 Feb 1; Jacksonville, FL

Walk C, Sharma M, Osterhage M, Pringle J, Aranda A, Meagher D, Barnett S, Pence J. BMI percentile effects on cholelithiasis and biliary dysfunction in the pediatric population. Quick Shot Oral Presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Feb 1; Jacksonville, FL

Deiters A, Drozd A, Parikh PP, Markert RJ, Shim JK. Use of the Alvarado Score in elderly patients with complicated and uncomplicated appendicitis. Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Feb 1; Jacksonville, FL

Babbitt C, Kaminski A, McCarthy MC, Roelle M, Markert RJ, Parikh PP. Team-based learning in surgery clerkship: Perception and impact on NBME subject examination scores. Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Feb 1; Jacksonville, FL.

Bales AM, Purcell KF, Ferraiola J, Markert RJ, Ekeh AP, Semon G, Kimpel D, Prayson MJ, McCarthy MC. Should extraperitoneal bladder injuries be repaired at the time of pelvic fixation? Oral presentation at: Academic Surgical Congress 13th Annual Meeting; 2018 Feb 1; Jacksonville, FL

Lynde JM, Jafree K, Peterson L, Matsuura J. Use of continuous external tissue expanders for fasciotomy closure. Oral presentation at: Vascular and Endovascular Surgery Society 42nd Annual Meeting; 2018 Feb 2; Vail CO

Merle E, Kranker LM, Hellan M, Ouellette JR. Robotic resection of choledochal cyst, portal lymph node dissection, and Roux-en-Y hepaticojejunostomy. Video presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Babbitt CM, Kaminski M, McCarthy MC, Roelle MR, Markert RJ, Parikh PP. Team-based learning in surgery clerkship: Perception and impact on MBME subject examination scores. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Best NM, Nouri PK, Duckworth LA, Senko K, Reta-Impey R, Parikh PP, McCarthy MC, Shim JK, Falls G. Analysis of surgical student reflective writing reveals emotional intelligence and guides curriculum development. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Frohne N, Sarap M, Alseidi A, Parikh PP. Growing need of rural surgeons: What can we do? Rural surgery training factors that influence choice of practice location. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Harrison LM, Woods RJ, McCarthy MC, Parikh PP. Research curriculum for general surgery residents: Development, implementation and sustainability. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Ilyas S, Rosenberg SA, et. al. Harnessing the personalized immunogenic response for metastatic epithelial cancers. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Lynde J, Bauer N, Tuttle B. Atypical breast lesion upgrade rate to carcinoma at a community center. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Pinette A, Carson WE, Mace T, Duggan M, Benner B, Normann R, Courtney N, McMichael E. Novel interleukin-15 construct (ALT-803) enhances natural killer cell activity against Cetuximab-treated head and neck cancer cells. Oral presentation at: Daniel W. Elliott Research Symposium; 2018 Apr 4; Dayton, OH

Perry TL, Kranker LM, Curry EE, Mobley EE, Johnson RM. Improving outcomes in Fournier's gangrene using skin and soft tissue sparing surgery: An alternative approach to wide radical debridement. Oral presentation at: American Burn Association 50th Annual Meeting; 2018 Apr 11; Chicago, IL

Harrison LM, Woods RJ, Parikh PP. Research curriculum for general surgery residents: Development, implementation and sustainability. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Kaminski A, Falls G, Parikh PP. Medical school clerkship experience: Influence on specialty choice. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Best NM, Nouri PK, Duckworth L, Senko K, Reta-Impey P, Parikh PP, McCarthy MC, Shim JK, Falls G. Analysis of surgical student reflective writing reveals emotional intelligence and guides curriculum development. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Babbitt C, Kaminski A, McCarthy MC, Roelle M, Markert RJ, Parikh PP. Team-based learning in surgery clerkship: Perception and impact on NBME subject examination scores. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Graham M, Parikh PJ, McCarthy MC, Parikh PP. Predicting discharge disposition in trauma patients using National Trauma Databank. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Flanigan T, Rogozinski J, Wolsefer N, Johnson T, Johnson M, Coughlin J. Anatomic study of the superficial sural arteries and other vessels originating in popliteal fossa and their implication in proximally-based neurocutaneous vascularized flaps. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Kang RS, Ingersol CA, Koppoe NA, Herzing KA, Ekeh AP. The role of magnetic resonance imaging in cervical spine clearance of trauma patients. Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Sohail S, Venkataramanan R, Jaimini U, Berman D, Parikh PP, Sheth A, Shim JK. A multisensory approach to monitor bariatric patients' postsurgical behavior and lessen weight recidivism (case report). Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Jasty U, Frangopolous C, Budinsky C, Sooin A. A case series of thermal radiofrequency ablation of the sacroiliac joint using a single probe (case report). Research Talk at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Best N, Nouri PK, Duckworth LA, Senko K, Reta-Impey P, Parikh PP, McCarthy MC, Shim JK, Falls G. Analysis of surgical student reflective writing reveals emotional intelligence and guides curriculum development. Podium presentation at: 38th Annual Meeting of the Association for Surgical Education; 2018 May 1; Austin, TX

Walk C, Pence J, Meagher D, Aranda A. An unusual case of upper esophageal duplication. Quick shot video presentation at: Pacific Association of Pediatric Surgeons Conference; 2018 May 14; Sapporo, Japan

Poster Presentations

Zakrisson TL, Polk TM, Dixon R, Ekeh AP, Gross KR, Davis KA, Kurek SJ, Stassen NA, Patel MB. Four-year analysis of the Eastern Association for the Surgery of Trauma (EAST) mentoring program. Poster presentation at: The 30th Eastern Association for the Surgery of Trauma (EAST) Scientific Assembly; 2017 Jan 11; Hollywood, FL

Cooper S, Bethea K, Skrobot T, Herzing K, Ekeh AP. Management of traumatic subarachnoid hemorrhage (SAH) by the trauma service: Are repeat CT scanning & routine neurosurgical consultation necessary? Poster presentation at: The 30th Eastern Association for the Surgery of Trauma (EAST) Scientific Assembly; 2017 Jan 12; Hollywood, FL

Christ C, Weigand L, Ouellette J, Hellan M, Tuttle R. Management of thin melanomas in the community hospital setting. Poster presentation at: Society of Surgical Oncology Symposium; 2017 Mar 16-18; Seattle WA

Perry T, Johnson RM, Kranker LM, Mobley EE, Curry EC. Fournier's gangrene: Is wide radical debridement still necessary? An alternative approach to improving outcomes using skin and soft tissue sparing flap preservation surgery. Poster presentation at: American Burn 49th Annual Meeting; 2017 Mar 21-24; Boston, MA

Santos N, Carter J, He F, Linsk A, Lungarini A, Nemani A, Sankaranarayanan G, Jones DB, De S, Schwaitzberg S, Cao C. A learning curve study using the virtual transluminal endoscopic surgery trainer (VTEST). Poster presentation at: SAGES 2017 Annual Meeting; 2017 Mar 22-25; Houston, TX

Dombeck M, Lopez C, Han Z, Jones DB, Olasky J, Schwaitzberg S, Cao C, De S. The virtual electrosurgical skill trainer (VEST) – face validation of a dispersive electrode placement module. Poster presentation at: SAGES 2017 Annual Meeting; 2017 Mar 22-25; Houston, TX

Seider S, Miller J, Budinsky C, Sooin A, Naqvi J. Treatment of chronic post herpetic neuralgia using topical supraconcentrated capsaicin. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Smith M, Shah S, **Soin A**. Pilot study on high-frequency nerve block for post amputation pain: Long-term outcomes. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Smith M, *Tayim R*, **Markert RJ**, **Ekeh AP**, **McCarthy MC**. Unplanned removal of invasive devices in trauma patients: Identifying risk factors and opportunities for prevention. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Walk CT, *Sharma M*, Osterhage M, Hardisky D, *Pringle JL*, Storey A, **Aranda A**, **Pence J**, **Barnett S**, **Meagher D**. Pediatric jejunal intussusception without lead point. A class report: Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Jackson K, **Rundell WK**. The changing faces of femoropopliteal occlusive disease: Chart review by year 2010-2016. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Chang S, Patel V, Giltner J, Lee R, **Marco CA**. The relationship between ocular trauma and substance abuse in emergency department patients. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Coberdt J, Kelly D, Buchek G, Polenakovic H, Zegarski K, **Markert RJ**. Surgical site infection prevention – Is it time to change antibiotic prophylaxis in spinal surgical procedures? Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Serpico M, Holbrook MB, Mozeleski E, Ahmed A, Ginting K, Holyoke a Bjerke J, **Marco CA** Application of advance directives to clinical scenarios: A survey of emergency department patients. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Burtoft M, **Soin A**. Occipital nerve radiofrequency denervation as a possible modality to treat chronic cervicogenic headaches. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Lichter A, Herzing K, **Woods RJ**, *Speranza F*, **Semon GR**. Obese patients with rib fractures are at increased risk for requiring mechanical ventilation. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Northern N, Excoffon K, **Johnson M**, *Sharma P*, Niyogi U, Gould G, Northern I, Walawamsa S. Creation of a novel human wound model to test novel wound healing approaches. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Wood D, Opp A, **Ganapathy S**, Cheatham M, Gallagher J, Gruenberg J, Smith J. Using model-based simulation for augmenting incident command system for disaster response. Poster presentation at: Wright State University Boonshoft School of Medicine 9th Annual Medical Student Research Symposium; 2017 Apr 12; Dayton, OH

Hendershot KM, Whitmill M, **Woods RJ**, Ricker E, **Parikh PP**, Keller M. The increasing workload of surgical educators: Perception on job satisfaction and quality of education. Poster presentation at: Association of Surgical Education Annual Meeting at Surgical Education Week; 2017 Apr 20; San Diego, CA

Mensah A, **Shim JK**. Fundamentals of laparoscopic surgery skills after proficiency training in medical students. Poster presentation at: Wright State University 2017 Celebration of Research, Scholarship and Creative Activities; 2017 Apr 21; Dayton, OH

Burkhardt JN, Oertly MS, **McCarthy MC**, Olson JE. The effect of hypoxia and hypotension on functional outcomes in traumatic brain injury. Poster presentation at: DAGMEC 18th Annual Virginia C. Wood Resident Research Forum; 2017 Apr 27; Dayton, OH

Barnhill S, Arumugam P, **Matsuura JH**, Berceli S, Carroll K, **Wrenshall L**. Interleukin 2 promotes proliferation and migration in vascular smooth muscle cells. Poster presentation at: Arteriosclerosis, Thrombosis and Vascular Biology/Peripheral Vascular Disease (ATVB/PVD) Scientific Sessions; 2017 May 5; Minneapolis, MN

Moore NA, Beaulieu R, **Parikh PP, McCarthy MC**, Warwar RE. Prevalence of ocular injuries in the setting of trauma: A 6-year retrospective analysis from a level 1 trauma center. Poster presentation at AVRO 2017; May 7-11; Baltimore, MD

Aranda A, Walk C, Pence J, Christian J, Barnett S, Meagher D. Neonatal intestinal anastomosis using a 5-mm laparoscopic stapler. Poster presentation at: Pacific Association of Pediatric Surgeons Conference 2017; 2017 May 30; Seattle, WA

Smith M, **Markert RJ, Ekeh AP, Tayim R, McCarthy MC**. Unplanned removal of invasive devices in trauma patients: Identifying risk factors and opportunities for prevention. Poster presentation at: CSA and MSA 2017 Combined Annual meeting 2017; 2017 Jul 31; Chicago, IL

Agbim U, Anderson C, **Markert RJ, Walusimbi M**. Does technique matter in laparoscopic cholecystectomy, electrocautery dissection and clipping compared with ultrasonic dissection? Poster presentation at: Minimally Invasive Surgery Week; 2017 Sep 6-9; San Francisco, CA

Walk CS, Sharma BS, Osterhage BS, Hardisky D, *Pringle J*, **Meagher , Aranda A, Barnett S, Christian J, Pence J**. Is routine repeat head Imaging Necessary in Pediatric Traumatic Brain Injuries? 2017 Sept 13-16; Baltimore, MD

Chan A, McKinley H, **Matsuura JH**, Bee FK, Fabian TC, Menaker J, Scalea TM, Holcomb JB, Skarupa DJ, Inaba K, Catalano RD, Poulin NR, Sampson JB, Rasmussen TE, **Bini JK**. The American Association for the Surgery of Trauma PROspective Observational Vascular Injury Treatment (PROOVIT) registry: Evaluation of temporary intravascular shunt use in civilian vascular trauma. Poster presentation at: 76th Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery; 2017 Sep 13; Baltimore, MD
Loja MN, Dubose J, Stephenson J, Kessek B, Bee T, Fabian T, Menaker J, Scalea TM, Holcomb JB, Skarupa D, Inaba K, Catalano R, Poulin N, **Bini JK**, Rasmussen TE, and the AAST PROOVIT study Group. Pediatric vascular trauma: Current management and early outcomes. Poster presentation at: 76th Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery; 2017 Sep 13; Baltimore, MD
Russo RM, Dubose JJ, Galante JM, Bee T, Menaker J, Scalea TM, Holcomb JB, Podbieszki J, Skarupa D, Inaba K, Catalano R, Poulin N, **Bini JK**, Rasmussen TE, Fabian T. Contemporary management of cerebrovascular trauma and early outcomes from the PROOVIT registry. Poster presentation at: 76th Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery; 2017 Sep 13; Baltimore, MD

Bentley BT, Bruun JS, **McCarthy MC, Bini JK**. Military surgeons in a civilian setting: A collaborative educational model. Poster presentation at: 76th Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery; 2017 Sep 13; Baltimore, MD

Lee M, Falls GN, Peterson L, Rodriguez J. Atypical presentation of acute aortic dissection in pregnancy. Digital poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Hennigan J, Ferencz SA, DuBose JJ, Nolan K, Sampson JB, Rasmussen TE, Galante JM, Bee F, Fabian TC, Menaker JA, Scalea TM, Holcomb JB, Skarupa DJ, Inaba K, **Bini JK**. Contemporary tourniquet use in extremity vascular trauma: The AAST prospective observational vascular injury treatment (PROOVIT) registry. Digital poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Koppoe NA, Kang RS, Ingersol CA, Herzing K, **Ekeh AP**. Is magnetic resonance imaging for cervical spine clearance after negative cervical CT scan imaging justified? Poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Walk C, Sharma M, Osterhage M, Hardisky D, *Pringle J*, **Meagher D, Aranda A, Barnett S, Pence J**. Is routine repeat head imaging necessary for pediatric traumatic brain injury? Poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Harrison L, Parikh PP. Outcomes of the implementation of a research curriculum for general surgery residents. Poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Drozdz A, Dieters AM, Parikh PP, Markert R, Shim JK. Use of the Alvarado score in elderly patients with complicated and uncomplicated appendicitis. Poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Sohail S, Venkataramanan R, Utkarshani J, Berman D, Parikh PP, Sheth A, Shim JK. A multisensory approach to monitor bariatric patients' postsurgical behavior and lessen weight recidivism. Poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Spanos E, Srinivas M, Shim JK. Fundamentals of laparoscopic surgery metrics to assess third year medical students. Poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Dieters A, Hellan M, Tuttle R, Ouellette J. Irreversible electroporation of recurrent pancreatic cancer with 5-year survival: Case report. Digital poster presentation at: Wright State University Central Research Forum; 2017 Oct 5; Dayton, OH

Sohail S, Venkataramanan R, Jaimini U, Berman D, Parikh PP, Sheth A, Shim JK. A multisensory approach to monitor bariatric patients' postsurgical behavior and lessen weight recidivism. Poster presentation at: American Society for Metabolic and Bariatric Surgery Obesity Week 2017; 2017 Oct 29-Nov 3; Washington, DC

Droz NM, Peterson LA, Matsuura JH, Falls GN, Jafree KA. Endovascular management of traumatic subclavian/axillary artery injuries. Poster presentation at: The Society for Clinical Vascular Surgery 46th Annual Symposium; 2018 Mar 17-21; Las Vegas, NV

Osterhage M, Hardisky D, Burt J, Ey E, Meagher D. CT scan generated radiation exposure in Pediatric Trauma patients; preliminary results of a Quality Improvement project. Poster presentation at: Wright State University Boonshoft School of Medicine Medical Student Symposium; 2018 Apr 11; Dayton, OH

Rako K, Jazayeri-Moghaddas O, Herzing K, Aranda A. Effect of BMI on outcomes of cholecystectomy for biliary dyskinesia in pediatric patients. Poster presentation at: Wright State University Boonshoft School of Medicine Medical Student Symposium; 2018 Apr 11; Dayton, OH

Walk CT, Sharma M, Osterhage M, Hardisky D, Pringle J, Aranda A, Meagher D, Barnett S, Pence J. Pediatric traumatic brain injury - who should receive routine repeat head imaging? Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Naqvi J, Anderson J, McMurray M, Seitz N, Lovell M, Marco CA. Prevalence of anxiety disorder among emergency department patients. Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Shaffer J, Cha D, Harrington W, Sooin A. Ultrasound mapping for placement of a long term neurostimulation and postoperative nerve healing: Pilot study update. Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Droz A, Deiters A, Parikh PP, Markert R, Shim JK. Use of the Alvarado score in elderly patients with complicated and uncomplicated appendicitis. Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Harris D, Sooin A. Fluoroscopically guided MILD to treat spinal stenosis - A case series. Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Hirschbeck M, Chinnappan S, Ortiz T, Choi S, Budinsky C, Sooin A. A case series using the observational mechanical gateway to compare spinal cord stimulation sensations. Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Merle EJ, Kranker LM, Hellan M, Ouellette JR. Robotic resection of choledochal cyst, portal lymph node dissection, and Roux-en-Y hepaticojejunostomy (case report). Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Rogozinski J, Schach B, Johnson M. Vascularized flexor tendon graft to the extensor central slip using a finger fillet flap following severe burn (case report). Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Tretter J, **Soin A**. A randomized, double-blind study of the effects of a sustained release formulation of sodium nitrite (SR-nitrite) on patients with diabetic neuropathy. Poster presentation at: Wright State University Boonshoft School of Medicine 10th Annual Medical Student Research Symposium; 2018 Apr 11; Dayton, OH

Santos N, Lamien A, Findley A, Galloway M, **Hellan M, McCarthy M**, Simon T, Linsk A, Derevianko A, Olasky J, Fitzpatrick E, Nguyen S, Schwaitzberg S, Jones D, Suvranu De, **Cao CG**. Measuring transfer of skill from the virtual transluminal endoscopic surgery trainer (VTEST) to EASIE-R model. Poster presentation at: The 16th World Congress of Endoscopic Surgery; 2018 Apr 12-13; Seattle, WA

Morse M, Srinivas M, Shim JK. Case report: Ulcerative roux limb jejunitis after gastric bypass. Poster presentation at: The 16th World Congress of Endoscopic Surgery; 2018 Apr 12-13; Seattle, WA

Lopez CA, Misra A, Milef NB, Santos N, Lamien A, **Cao CG**, Schwaitzberg S, Jones DB, De S, Olasky J. Design of the electrosurgery skill trainer (VEST) direct and capacitive coupling effects module. Poster presentation at: The 16th World Congress of Endoscopic Surgery; 2018 Apr 12-13; Seattle, WA

Lynde J, Jafree K, Peterson L, Matsuura JH. The use of continuous external tissue expanders in fasciotomy closure. Poster presentation at: Virginia C. Wood Resident Research Forum; 2018 Apr 26; Dayton, OH

Lynde J, Tuttle R, Jones S, Thoma M, Bauer N, Bierly J. Atypical breast lesion upgrade rate to carcinoma at a community center. Poster presentation at: The American Society of Breast Surgeons 19th Annual Meeting; 2018 May 4-5; Orlando, FL

Harrison L, Woods RJ, Parikh PP. Research curriculum for general surgery residents: Development, implementation and sustainability. Poster presentation at: 38th Annual Meeting of the Association for Surgical Education; 2018 May 1; Austin, TX

Consultantships [sponsor activity]

CareSource Clinical Appeals, and Quality of Care Reviews (**Dr. Rundell**)

Clinical Advisory Board Member – EndoGuidance Technologies LLC, Xact Medical LLC (**Dr. Barnett**)

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

Invited Reviewer: “*Journal of Pediatric Surgery*” (**Dr. Barnett**)

Invited Reviewer: *Nucleus Medical Media, Inc.* (**Dr. Barnett**)

Invited Reviewer: *Journal of Hypo and Hyperglycemia* (**Dr. Barnett**)

Invited Reviewer: *Minerva Chirurgica* (**Dr. Barnett**)

Invited Reviewer: *Advances in Wound Care* (**Dr. Barnett**)

CPT Editorial Panel Member (**Dr. Barney**)

Reviewer: *Injury Prevention* journal (**Dr. Ekeh**)

Reviewer: *Journal of Trauma* (**Dr. Ekeh**)

Reviewer: *World Journal of Surgery* (**Dr. Ekeh**)

Reviewer: *Journal of Surgical Research* (**Dr. Ekeh**)

Reviewer: *Surgery* (**Dr. Ekeh**)

ENT Today Article Reviewer (**Dr. Elluru**)

Medscape Section Editor *Pediatric Otolaryngology* (**Dr. Elluru**)

American Board of Otolaryngology Guest Board Reviewer (**Dr. Elluru**)

Reviewer: *Clinical Case Reports* (**Dr. Hellan**)

Invited Re-Review: Robotic proctectomy for rectal cancer: Analysis of 71 patients from a single institution. (**Dr. Hellan**)

International Journal of Medical Robotics and Computer Assisted Surgery, RCS-16-0154.R1., 2/27/17(**Dr. Hellan**)

Invited Review: Robotic-assisted TME with the single docking technique for patients with rectal cancer with or without preoperative concurrent chemotherapy. *International Journal of Medical Robotics and Computer Assisted Surgery*, RCS-17-0068, 4/2017. (**Dr. Hellan**)

Invited Review: Robotic simultaneous resection of rectal cancer and liver metastasis. *Clinical Case Reports* CCR3-2017-03-0121, 04/2017. (**Dr. Hellan**)

Invited Review: Robotic-assisted total mesorectal excision with the single docking technique for patients with rectal cancer with or without preoperative concurrent chemotherapy. *International Journal of Medical Robotics and Computer Assisted Surgery*. RCS-17-0068, 6/2017. (**Dr. Hellan**)

Invited Review: The da Vinci system in robotic gastric surgery: A comparison with the S system. *International Journal of Medical Robotics and Computer Assisted Surgery*, RCS-17-0163, 11/2017. (**Dr. Hellan**)

Invited Reviewer: Evaluation of Y90 in unresectable intrahepatic cholangiocarcinoma. *American Journal of Surgery* (**Dr. Hellan**)
 Editorial Board: *Journal of Surgery* (**Dr. Parikh**)
 Reviewer: *Journal of Trauma* (**Dr. McCarthy**)
 Reviewer: *Journal of Surgical Research* (**Dr. McCarthy**)
 Reviewer: *Surgery* (**Dr. McCarthy**)
 Reviewer: *American Journal of Surgery* (**Dr. McCarthy**)
 Reviewer: *Injury* (**Dr. McCarthy**)
 Review of Manuscript: *Core vs specialty rotations do not affect students' surgical development*. MS No. 18-SUS-35. (**Dr. McCarthy**)
 Reviewer: ACS Verification and Consultation Program for Trauma Centers (**Dr. McCarthy**):
 Indiana University Health Arnett – Lafayette (IN) March 20-21, 2017
 Regional Medical Center – San Jose (CA) April 11-12, 2017
 Reid Health - Richmond (IN) June 13-14, 2017
 Union Hospital – Terre Haute (IN) June 29-30, 2017
 Indiana University Health Bloomington, Bloomington (IN) January 12, 2018
 Indiana University Health Arnett – Lafayette (IN) January 12, 2018
 Henry Ford Hospital – Detroit, (MI) January 18-19, 2018
 Indiana University, Methodist Hospital– Indianapolis, (IN) February 8-9, 2018
 Union Hospital – Terre Haute (IN) May 25, 2018
 Ad-hoc reviewer – *Journal of the American College of Surgeons* (**Dr. Tuttle**)
 Examiner: *Cosecsa* (**Dr. Walusimbi**)
 Content Reviewer - *ACS Fundamentals of Surgery Curriculum*® (**Dr. Woods**)

6

Summary of Service Activities

Student advising

Student Advisor Second Year Students (**Drs. Shim**)

Student Advisor Third Year Students (**Drs. McCarthy, Roelle, Rundell, Shim, Tuttle**)

Student Advisor Fourth Year Students (**Drs. Ekeh, Roelle, Rundell, Semon, Shim, Woods**)

Committee membership/officer

Wright State University Boonshoft School of Medicine

Academy of Medicine Board of Trustees (**Dr. Barney, chair**)

Advisory Board Member, Global Health for Undergraduate Medical Education (**Dr. Shim**)

Admissions Committee (**Dr. Aranda, Barnett**)

Biennium I Medical Student Elective Course Curriculum Subcommittee (**Dr. Parikh** co-chair)

Biennium II Committee/Doctoring Committee (**Dr. Roelle**)

Bylaws Committee (**Dr. Parikh**)

Department of Surgery Executive Committee (**Dr. McCarthy, chair**)

Department of Surgery Residency Committee (**Dr. McCarthy**)

Department of Surgery Resident Selection Committee (**Dr. McCarthy**)

Faculty Curriculum Committee (**Dr. Roelle**)

Graduate Medical Education Consortium (**Dr. Woods**)

Medical Student Research Task Force Committee (**Dr. Parikh**)

Nominating Committee (**Dr. Roelle, Woods**)

Researchers in Clinical Departments Committee (**Dr. Parikh**)

Scholarly Project Task Force Committee **Dr. Parikh**)

Third Year Clerkship Committee (**Dr. Rundell**)

Wright State Physicians

Board of Directors (**Drs. Ekeh, Ouellette, Tuttle**)

Board of Directors Strategic Planning Committee (**Dr. McCarthy, Tuttle**)

Management Committee (**Dr. McCarthy, Ouellette**)

Department of Surgery AIP Committee (**Dr. Tuttle**)

Department of Surgery Clinical Competency Committee (**Drs. Barney, Falls, Hellan, Matsuura, McCarthy, Ouellette, Roelle, Rundell, Tuttle, Woods**)

Department of Surgery Curriculum Development and Implementation Committee (**Dr. Barney**)

Department of Surgery Executive Committee (**Dr. Barney, McCarthy, Roelle**)

Department of Surgery Faculty Actions Committee (**Drs. Ekeh, Matsuura, Woods**)

Department of Surgery Finance Committee (**Drs. Barney, Ekeh, Ouellette, Tuttle**)

Department of Surgery Medical Student Education Committee (**Dr. Roelle, chair**)

Department of Surgery Milestones Committee – senior residents (**Dr. Barney, Roelle**)

Department of Surgery Promotions Committee (**Dr. Ekeh, Matsuura, Woods**)

Department of Surgery Research Committee (**Dr. Parikh, chair**)

Department of Surgery Residency Recruitment Committee (**Dr. Roelle**)

Department of Surgery Resident Council (**Dr. Tuttle**)

Department of Surgery Resident Selection Committee (**Dr. McCarthy**)

Department of Surgery Resident Wellness Committee (**Drs. Falls, Tuttle**)

Department of Surgery, Surgery Club (**Drs. Rundell, chair, and Dr. Parikh** co-chair)

Department of Surgery Surgical Education Committee (**Dr. Roelle**)

Hospital or affiliated institution [name]

Dayton Children's Hospital Public Policy Board of Trustees Member (**Drs. Pence**)

Dayton Children's Hospital Subject Matter Expert, Electronic Medical Record (EPIC) Development, Pediatric Surgery, Dayton Children's Hospital (**Drs. Pence**)
Pharmacy and Therapeutics Committee Member (**Drs. Pence**)
Dayton Children's Hospital Ambulatory Oversight Committee (**Dr. Elluru**)
Dayton Children's Hospital Credentials and nominating committee (**Dr. Pence**)
Dayton Children's Hospital Executive Committee (**Dr. Elluru**)
Dayton Children's Hospital Quality and Safety Steering Committee (**Dr. Elluru**)
Dayton Children's Hospital Transformation Committee (**Dr. Elluru**)

Kettering Health Network ACS Commission on Cancer (**Dr. Ouellette**, liaison)
Kettering Health Network Cancer Committee (**Drs. Hellan, Ouellette, Tuttle** - cancer Liaison Physician)
Kettering Health Network Continuing Medical Education Committee (**Dr. Ouellette**)
Kettering Health Network GYN/Surgical Oncology Committee (**Dr. Tuttle**)
Kettering Health Network Joint Oncology Committee (**Dr. Tuttle**)
Kettering Health Network QCRC, Perioperative Service Governance (**Dr. Ouellette**)
Kettering Health Network Robotic Surgery Committee (**Dr. Hellan**)

Miami Valley Hospital Advanced Minimally Invasive Surgery Committee (**Dr. Ouellette**, chair)
Miami Valley Hospital Board of Trustees (**Dr. Ekeh**)
Miami Valley Hospital Breast Cancer Collaborative (**Dr. Roelle**)
Miami Valley Hospital Cancer Center Operations Committee (**Dr. Ouellette**)
Miami Valley Hospital Complimentary Medicine Committee (**Dr. Hellan**)
Miami Valley Hospital Comprehensive Cancer Center Operational Committee (**Dr. Hellan**)
Miami Valley Hospital CQVA Peripheral Vascular Core Team (**Drs. Falls, Jafree, Matsuura**)
Miami Valley Hospital CQVA for Device and Equipment (**Dr. Shim**)
Miami Valley Hospital Directors of Education Committee (**Drs. Barney, Woods**)
Miami Valley Hospital Emergency Management Committee (**Dr. Semon**)
Miami Valley Hospital Emergency and Trauma Institute (**Dr. Semon**)
Miami Valley Hospital Endoscopy Committee (**Dr. Barney**)
Miami Valley Hospital Endovascular Committee (**Drs. Falls, Rundell**)
Miami Valley Enhanced Recovery after Surgery (ERAS) Committee (**Drs. Barney, Hellan**)
Miami Valley Hospital/Good Samaritan Hospital Surgery Clinical Integration Committee (**Dr. Woods**)
Miami Valley Hospital Infection Control Committee (**Dr. Walusimbi**)
Miami Valley Hospital Limb Salvage Program (**Dr. Matsuura**)
Miami Valley Hospital Optimization of Resources in Miami Valley Hospital OR (**Dr. Matsuura**)
Miami Valley Hospital Massive Transfusion Protocol (MTP) Committee (**Dr. Semon**)
Miami Valley Hospital Medical Staff Quality Committee (**Dr. Semon**)
Miami Valley Hospital Multi-Disciplinary Breast (**Dr. Roelle**, lead physician)
Miami Valley Hospital Multi-Disciplinary Trauma Committee (**Drs. Bin**),
Miami Valley Hospital NSQIP Surgeon Champion (**Dr. Barney**)
Miami Valley Hospital Nutrition Committee (**Drs. Hellan, Woods** – chair)
Miami Valley Hospital Oncology Committee (**Drs. Hellan, Roelle**)
Miami Valley Hospital Operating Room Scheduling Committee (**Dr. Barney, Ekeh**)
Miami Valley Hospital OR/SPD Safety Steering Committee (**Dr. Tuttle**)
Miami Valley Hospital Robotics Committee (**Dr. Hellan, Ouellette**)
Miami Valley Hospital Surgical Services Committee (**Dr. Ouellette**, chair)
Miami Valley Hospital Surgical Site Infection Committee (**Dr. McCarthy**)
Miami Valley Hospital Trauma Committee (**Drs. Ekeh, McCarthy, Semon, Walusimbi, Woods**)
Miami Valley Hospital Utilization Committee (**Drs. Falls**)
Miami Valley Hospital Vascular Advisory Board (**Dr. Matsuura**)

Premier Health Partners Breast Cancer Implementation Team (**Dr. Roelle**)
Premier Health Partners Cancer Institute Coordinator Program Meeting (**Dr. Ouellette**)
Premier Health Quality Committee (**Dr. Barney**)
Premier Health Specialty Surgery Committee (**Dr. Barney**)

Veterans Administration Medical Center Affiliations Partnership Council (**Dr. McCarthy**)

State

American College of Surgeons
• Commission on Cancer (**Dr. Ouellette**, co-chair)

- Ohio Committee on Trauma (**Dr. Ekeh**, vice chair, **McCarthy**)
 - Resident Papers Committee (**Dr. McCarthy**)
 - State Faculty (**Drs. Woods**)
 - TQIP Committee (**Dr. McCarthy**)
 - Verification Committee (**Dr. McCarthy**)
- Governor's Office of Health Transformation Clinical Advisory Group for Cholecystectomy and Appendectomy (CAG B) (**Dr. Woods**)
- Second Vice Present (**Dr. McCarthy**)
 - Global Health Education Work Group (**Dr. McCarthy**)
 - Member Services Liaison Committee (**Dr. McCarthy**)

National

American Academy of Pediatrics

- Nominating Committee (**Dr. Barnett**)

American Association for the Surgery of Trauma

- International Committee (**Dr. Ekeh**)

American College of Surgeons

- Commission on Cancer Pediatric Oncology Measures Work Group (**Dr. Pence**)
- Continuing Education Workgroup (**Dr. Woods**, vice chair)
- District Councilor, Southwest Ohio Region (**Dr. Ekeh**)
- Fundamentals of Surgery Curriculum Content Review (**Dr. Jafree, Shim**)
- General Surgery Coding and Reimbursement Committee (**Dr. Barney, chair**)
- Governor (**Dr. Woods**)
- Health Policy and Advocacy Group (**Dr. Barney**)
- MACRA Episode based cost Measures – Clinical Committees / Acumen (**Dr. Barney**)
- Operation Giving Back Committee (**Dr. Ekeh**)
- Optimal Pediatric Surgical Care Committee (**Dr. Aranda**)
- Verification Review Committee (**Dr. Ekeh**)

American Medical Association

- Ad Hoc RUC-CPT Committee on Patient Relationship Codes (**Dr. Barney**)

American Pediatric Surgical Association

- Chair (**Dr. Barnett**)
- New Technology Committee (**Dr. Barnett**)

American Society for Pediatric Otolaryngology

- Finance Committee (**Dr. Elluru**, chair)

American Surgical Association

- Audit Committee (**Dr. McCarthy**)

Americas Hepato-Pancreato-Biliary Association

- Program Committee (Professional Development) (**Dr. Ouellette**)

Association for Academic Surgery

- Institutional Representative Committee (**Dr. Parikh**)
- Leadership Committee (**Dr. Parikh**)
- Technology and Communication Committee (**Dr. Parikh**)
- West African Task Force (**Dr. Ekeh**)

Association for Surgical Education

- Curriculum Committee (**Dr. Barney, Roelle**)
- Surgical Education Clerkship Director Committee (**Dr. Roelle**)
- Multi-Institutional Educational Research Group (MERG) (**Dr. Barney**)
- American College of Surgeons-Association for Surgical Education Curriculum for Surgery (**Dr. Barney**)

Eastern Association for the Surgery of Trauma

- Development Committee (**Dr. Semon**)
- Mentorship Committee (**Dr. Ekeh**)

Halsted Society

- Membership Committee (**Dr. McCarthy**)

Living with Lymphedema Foundation (**Dr. Barney, chair**)

Midwest Surgical Association

- Executive Council Member (**Dr. Ekeh**)
- Planning Committee (**Dr. Ouellette**)
- Surgical Audit Committee (**Dr. McCarthy**)

Pacific Association of Pediatric Surgeons

- Editorial Committee (**Dr. Aranda**)
- Publication Committee Member (**Dr. Aranda**)

Pan African Association of Christian Surgeons

- Commission Member (**Dr. Ekeh**)

Society of American Gastrointestinal and Endoscopic Surgeons

- Bariatric and Metabolic Surgery Committee (**Dr. Shim**)
- Bylaws Committee (**Dr. Shim**)
- Champion for Wright State University Boonshoft School of Medicine (**Dr. Shim**)
- Committee for WRS Task Force (**Dr. Shim**)

Society of University Surgeons

- Education Committee (**Dr. Ekeh**)

Triology Society

- Intellectual Property Committee (**Dr. Elluru**)

West African College of Surgeons

- Coordinator for North America (**Dr. Ekeh**)
- Council Member (**Dr. Ekeh**)

Other

Breast Cancer Task Force of the Miami Valley (**Roelle**, medical director)

CareSource Credentialing Committee and Clinical Appeals Committee (**Dr. Rundell**)

Dayton Clinical Oncology (**Drs. Hellan** – physician with highest accrual to clinical trials, **Ouellette, Tuttle**)

“Drive Alive” Program for Juveniles Convicted of Drunk Driving (**Dr. Ekeh creator**)

Injury Prevention Center of Greater Dayton Area Executive Committee (**Dr. McCarthy**)

International Pediatric Endoscopy Group Emerging Technologies Committee (**Dr. Barnett**)

Life Connections of Ohio (**Dr. Rundell** medical director and board of directors)

Miami Valley Hospital Foundation Board Member (**Dr. Rundell**)

Montgomery County American Cancer Society (**Dr. Ouellette**, board member)

Montgomery County DUI Task Force (**Dr. Ekeh**)

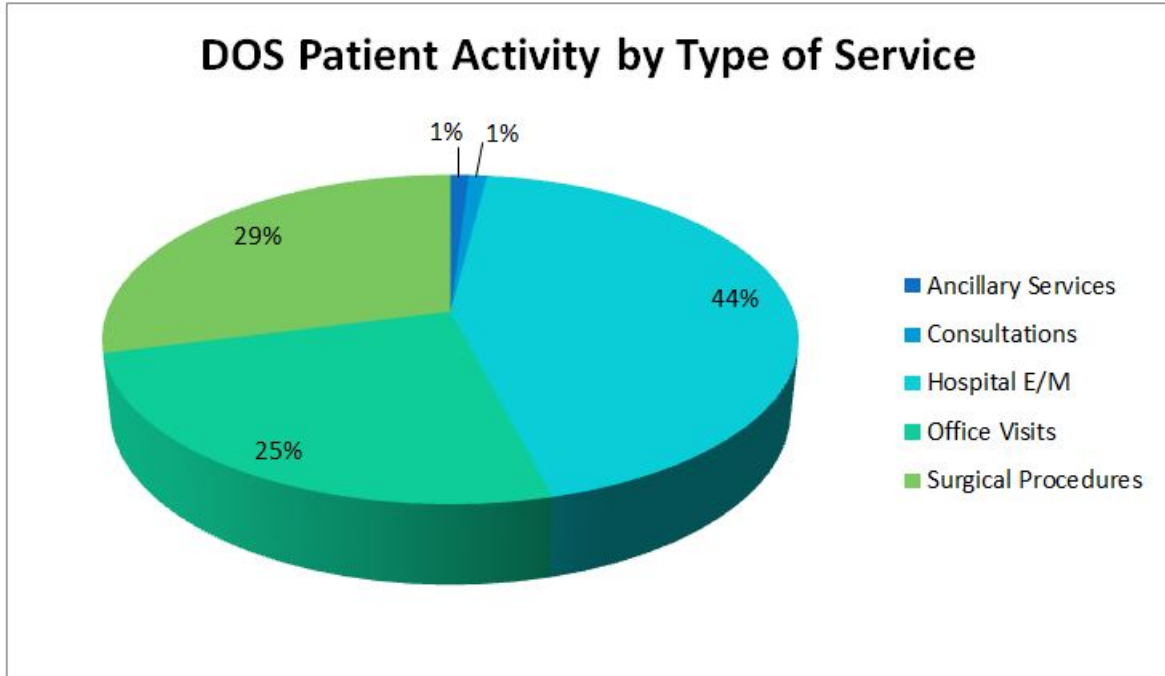
Perioperative Executive Committee (**Dr. Barnett**)

US News and World Report Committee, Surgery Representative (**Dr. Barnett**)

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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 \$15.6 million in surgical and related care in FY2018, including over \$300 thousand in indigent care. This work represents total work RVUs of 124,573, with an average charge per work RVU of \$125.50.

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Honors and awards [Faculty or staff]

Linda Barney, MD

Wright State Physicians Patient Satisfaction Award

John K. Bini, MD

Albert B. Huffer, MD, Outstanding Teaching by a clinical faculty member award

Subhashini Ganapathy, PhD

Class of Forty Under 40 Award

Zaiba Malik, MD

Women Leads Award

Jeffrey Pence, MD

Alison Clarey Resident Teaching Award – Grandview Medical Center

Melissa Roelle, MD

Medical Student Education Award 2017

Miami Valley Hospital Wall of Excellence Award

Rebecca Tuttle, MD

Wright State Physicians Patient Satisfaction Award

The Residents Award for Outstanding Teaching by a Faculty Member

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Hosted events [CME, etc.]

2017 Daniel Elliott MD Visiting Professorship

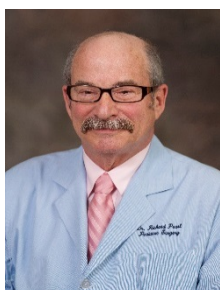


Dr. Carla Pugh presented the May 3, 2017, Daniel Elliott, MD Visiting Professorship on *"Signatures: What can sensors and motion tracking tell us about surgical performance"* at the City-Wide Grand Rounds at Kettering Medical Center. Dr. Pugh is a professor of Surgery and vice-chair of Education and Patient Safety at the University of Wisconsin School of Medicine and Public Health (UWSMPH). Her clinical specialty is acute care surgery. Prior to joining the faculty at UWSMPH, Dr. Pugh held the titles of associate professor of Surgery and associate professor of Education at Northwestern University in Chicago.

During her surgery residency at Howard University in Washington, DC, Dr. Pugh recognized that there was a need for new and innovative modes for assessing hands-on clinical skills. While obtaining a PhD in education at Stanford University, Dr. Pugh was awarded a method patent on the use of haptic sensors and data acquisition technology to measure and characterize the sense of touch.

Dr. Pugh is nationally recognized for her research on the use of simulation technology to address and quantitatively define hands-on clinical skills. Currently, more than 200 medical and nursing schools use one of Dr. Pugh's sensory-enabled training tools for their students and trainees. In addition, in 2011 Dr. Pugh received the Presidential Early Career Award for Scientists and Engineers from President Obama. Most recently, Dr. Pugh delivered a TEDMED presentation at TEDMED2014 in San Francisco.

Dr. Richard Pearl Visiting Professorship



Dr. Richard Pearl presented City-Wide Grand Rounds at Kettering Medical Center on *"Jump: How it happened, how we built it and how you can replicate it"*.

Dr. Pearl is professor of Surgery and Pediatrics at the University Of Illinois College Of Medicine at Peoria. He is currently director of pediatric trauma and surgeon-in-chief at the Children's Hospital of Illinois and director of surgical simulation at the Jump Simulation and Education Center at OSF Healthcare.

He was in the first class at Wright State University School of Medicine, receiving his medical degree in 1980, and completed his surgical internship at Madigan Army Medical Center one year later. He completed his surgical residency at Harvard Surgical Service at

the New England Deaconess Hospital (now the Beth Israel-Deaconess Program), in Boston, MA. During his time in Boston, he did a one-year research fellowship in the surgical physiology lab of Dr. George Clowes. His general surgery training was followed by a pediatric surgery residency at the Hospital for Sick Children in Toronto, Canada.

In conjunction with his medical training, Dr. Pearl is a retired colonel in the US Army with a distinguished career spanning from 1966-1994. He served his country first as an infantry officer and helicopter pilot, commanding a helicopter company in the First Cavalry Division in Vietnam. After medical school, he transferred into the Army Medical Corps and served as the chief of pediatric surgery at Walter Reed Army Medical Center from 1988-1994, interrupted by serving in Operation Desert Storm as deputy commander of a combat support hospital (200 beds) and commander of a forward surgical team in Saudi Arabia and Iraq (1990-91). He has received numerous military honors and awards, including three Bronze Stars, the Legion of Merit, and the Air Medal for Valor. From 1994-1998, Dr. Pearl was the chief of general surgery at the Hospital for Sick Children in Toronto prior to accepting his current position in Peoria.

John W. Berry Jr., M.D. Visiting Professorship



Dr. Mel Sharafuddin presented the October 18, 2017, Grand Rounds on “CO2 Angiography and CO2 Guided Interventions” at Kettering Medical Center Dean Amphitheater.

Dr. Sharafuddin is a busy vascular surgeon in Iowa City, IA, with University of Iowa Hospitals and Clinics. Dr. Sharafuddin received his degree from the American University of Beirut in Lebanon in 1988. He completed his residency from St. Louis University Health Sciences Center in General Surgery in 2006. He also completed his vascular fellowship there in 2008. He is currently an Associate Professor of Vascular Surgery and Director of Endovascular Surgery Services at Carver College of Medicine at the University of Iowa.

Mary M. McCarthy Endowed Lectureship in Trauma Surgery



Deborah Stein, MD, MPH, R. Adams Cowley Professor in Shock and Trauma at University of Maryland School of Medicine, presented the November 8, Mary C. McCarthy, MD, Endowed Lectureship in Trauma Surgery on “*Liver Injuries: Prometheus had it easy*” at the City Wide Grand Rounds at Kettering Medical Center. She also presented *EBOA: Extending the Golden Hour* at Trauma Conference on November 9.

Dr. Stein earned her Medical Degree from Albert Einstein College of Medicine and her Master of Public Health from Johns Hopkins University Bloomberg School of Public Health with certificates in both injury control and health policy. She completed her general surgery residency at Long Island Jewish Medical Center, Albert Einstein College of Medicine and a Fellowship in Trauma/Surgical Critical Care at the R. Adams Cowley Shock Trauma Center at the University Of Maryland School Of Medicine. She is Board certified in General Surgery and Surgical Critical Care and has subspecialty certification from the United Council for Neurologic Subspecialties in Neurocritical Care. Dr. Stein has authored over 130 peer-reviewed articles and 13 book chapters. Her national service includes active participation in major trauma, critical care, and surgical societies including serving as the Director for Professional Development and Director-at-Large on the Board of Directors for the Eastern Association for the Surgery of Trauma as well as serving on committees for the American College of Surgeons, the Association for Surgery of Trauma, and the Neurocritical Care Society. She also serves on the Editorial Board for the Journal of Trauma and Acute Care Surgery and is an Examination Consultant for the American Board of Surgery. Dr. Stein's research interests are in the fields of traumatic brain injury, hemorrhagic shock, biomechanics of injury, and functional outcomes following traumatic injury. She is currently principal investigator for five federally funded grants and serves as co-investigator for an additional four federally funded projects.

2018 Daniel Elliott MD Visiting Professorship



Timothy Pawlik, MD, MPH, PhD presented the April 4, 2018 Daniel Elliott Visiting Professor Lecture on “*Framing Expectations around Cancer Treatment: Cure, Care and Prognosis*” at the City-Wide Grand Rounds at Kettering Medical Center. He also served as a judge for the Daniel Elliott Research Symposium.

Dr. Pawlik received his undergraduate degree from Georgetown University and his medical degree from Tufts University School of Medicine. Dr. Pawlik completed surgical training at the University of Michigan Hospital and spent two years at the Massachusetts General Hospital as a surgical oncology research fellow. He then went on for advanced training in surgical oncology at The University of Texas M. D. Anderson Cancer Center in Houston. Dr. Pawlik's main clinical interests include alimentary tract surgery, with a special interest in hepatic, pancreatic and biliary diseases. Dr. Pawlik also has an interest in medical ethics and completed a fellowship in medical ethics at the Harvard School of Public Health as well as a Masters in Theology from Harvard Divinity School in Boston. In addition, Dr. Pawlik has received a PhD from the Johns Hopkins Bloomberg School of Public Health in Clinical Investigations.

Dr. Pawlik took his first faculty appointment at Johns Hopkins in 2005, where he was Professor of Surgery and Oncology, as well as the Director of the Johns Hopkins Liver Tumor Clinic, as well as the John L. Cameron Chair of Alimentary Tract Diseases and the Chief of the Division of Surgical Oncology until 2016. Dr. Pawlik currently is

the Chair of Surgery at The Ohio State University Wexner Medical Center where he holds The Urban Meyer III and Shelley Meyer Chair for Cancer Research. Dr. Pawlik has given over 300 invited talks both nationally and internationally in 25 different countries. Dr. Pawlik has published over 450 articles and 50 book chapters, in addition to editing five surgical textbooks. Dr. Pawlik serves on multiple editorial boards and is an Associate Editor for *Annals of Surgical Oncology*, *Journal of Gastrointestinal Surgery*, as well as *JAMA Surgery*. Dr. Pawlik has served on the executive council of several of the premier surgical associations in the United States. Dr. Pawlik is a member of a number of professional societies including the Society of Surgical Oncology, the American Hepato-Pancreato-Biliary Association, American Surgical Association, Society of Clinical Surgery, as well as being a past-President of the Association for Academic Surgery. Dr. Pawlik's main clinical and research interests include liver, pancreatic, and biliary tumors, as well as patient communication/engagement, ethics, and determinants of prognosis.

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Other information

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

Medical Mission Trips annual to Guinea, Gabon, Ghana and Liberia (**Dr. Ekeh**)

Medical Mission Trips to Nakeseke Hospital in Uganda (**Dr. Walusimbi**)

Interview for Premier Magazine (**Dr. Ouellette**)

Faculty advisor surgery club (**Dr. Rundell**)