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**Faculty Bios**

**Daniel E. Abbott, MD**

Daniel Abbott is a Surgical Oncologist at the University of Wisconsin, with a clinical focus on hepatobiliary, pancreas and peritoneal-based malignancies. His research interest revolves around cost and resource utilization in cancer and surgical care. Specifically, he is interested in demonstrating opportunities to minimize the cost of care while maintaining or enhancing the quality of care provided to our cancer patients. His current research activities involve more cost-effective surveillance for patients with GI cancers, and the introduction of tele-health into the pre and post-operative care of the Surgical Oncology patient.

**Stephanie Bonne, MD**

Dr. Stephanie Bonne graduated from Rosalind Franklin University, completed residency at University of Illinois Metropolitan Group and fellowship at Washington University in St. Louis. She is an assistant professor of surgery in the division of Trauma and Critical Care at Rutgers New Jersey Medical School. She sits on the Clinical and Health Sciences Research Committee of the Association for Academic Surgery council of the Association for Women Surgeons, the governing council for the American College of Surgeons Young Fellows Association, the Injury Prevention and Mentoring Committees of the Eastern Association for the Surgery of Trauma, and the Future Trauma Leaders program of the American College of Surgeons Committee on Trauma. Her nonclinical interests are in Hospital Based Violence Prevention and Risk assessments for violence injury from a public health perspective.

**Kimberly M. Brown, MD, FACS**

Dr. Brown currently serves as the inaugural Associate Chair of Education in the Department of Surgery and Perioperative Care at the Dell Medical School at UT Austin. She moved to Austin from the University of Texas Medical Branch in Galveston, where she served as Director of the Laboratory for Surgical Training, Assessment and Research (LSTAR), Clerkship Director and Associate Program Director for General Surgery. Dr. Brown's research interests include simulation-based training and healthcare education innovation.

**William R. Burns, MD**

Dr. Burns' clinical focus is in the field of surgical oncology. He is currently an Assistant Professor within the Division of Surgical Oncology at the University of Michigan, where he specializes in treating patients with tumors of the pancreas and gastrointestinal tract, sarcoma, and melanoma. He works closely with colleagues in medical and radiation oncology to provide multidisciplinary care to patients with these challenging malignancies. As for Dr. Burns' research, he studies interactions between the immune system and cancer. His current areas of focus are inflammation within the tumor microenvironment and cancer immunotherapy. In addition to his clinical and research efforts, he also enjoys training surgical residents and mentoring medical students.

**Justin B. Dimick, MD, MPH**

Justin B. Dimick, M.D., M.P.H. is the George D. Zuidema Professor of Surgery, Chief of the Division of Minimally Invasive Surgery, and Associate Chair for Strategy & Finance at the University of Michigan. Dr. Dimick is a graduate of Cornell University and Johns Hopkins Medical School. He completed his surgical training at the University of Michigan and a health services research fellowship at the Dartmouth Institute for Health Policy & Clinical Practice.

Dr. Dimick's clinical practice is primarily devoted to advanced laparoscopy, including treatment of morbid obesity, gastroesophageal reflux (GERD), paraesophageal hernias, abdominal wall hernias, and other benign and neoplastic diseases of the stomach, spleen, and foregut. He is the editor of the widely read surgical textbook, *Clinical Scenarios in Surgery: Decision Making and Operative Technique*, published by Lippincott (2012).

Dr. Dimick is Director of the Center for Healthcare Outcomes & Policy at the University of Michigan, which includes 100+ faculty and staff focused on improving the quality and efficiency of acute and specialty care. With R01 funding from the Agency for Healthcare Research and Quality (AHRQ) and National Institutes of Health (NIH), his own research focuses on quality measurement, policy evaluation, and large-scale, innovative quality improvement interventions. He is also the PI on a NIH T32 grant focused on training the next generation of surgeon-scientists. He has more than 200 peer-reviewed publications, including papers in *NEJM*, *JAMA*, *Health Affairs*, and the leading surgical journals.

Dr. Dimick has served in several national leadership positions, including President of the Association for Academic Surgery (AAS) and a Member of the Board of Directors for the Surgical Outcomes Club (SOC). He is currently Chair of the Health Services Organization and Delivery (HSOD) Study Section at the NIH, an Associate Editor at *Annals of Surgery*, and the Surgical Innovation Editor at *JAMA Surgery*. He has served as an advisor on quality and health policy for several organizations, including the BlueCross BlueShield

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Association (BCBSA), the American College of Surgeons-National Surgical Quality Improvement Program (ACS-NSQIP), US News and World Reports "Best Hospital" Rankings, and the Medicare Payment Advisory Commission (MedPAC).

**Lesly A. Dossett, MD, MPH**

Dr. Lesly Dossett MD, MPH is Assistant Professor of Surgery in the Division of Surgical Oncology at the University of Michigan. Dr. Dossett's academic focus is on the interface between primary care providers and cancer specialists. She uses qualitative and mixed methods research as well as methods in implementation science. She was a 2015 Michael Zinner Health Services Research Fellow through the Surgical Outcomes Club and a 2017 Fellow of the NCI-sponsored program Mentored Training in Dissemination and Implementation in Cancer (MT-DIRC). She is an active member of multiple professional societies including AAS and currently serves on the AAS Health Services Research Committee.

**E. Christopher Ellison, MD**

E. Christopher Ellison MD is Emeritus Professor of Surgery at the Ohio State University and the President Elect of the American Surgical Association. His previous leadership positions have included: Chair of Surgery 2000-2013, the Vice Dean of Clinical Affairs 2000-2017 and President and CEO of the Ohio State University Physicians Practice Plan. He also served as Interim Dean of the OSU College of Medicine and has been recognized as a College of Medicine Distinguished Professor. He implemented a College of Medicine Mentoring Program for faculty. His research interests include gastrointestinal physiology, pancreatic disease, and Zollinger-Ellison Syndrome. He has published over 150 peer reviewed articles. He is the principal author with Robert M. Zollinger Jr of the 10<sup>th</sup> Edition of Zollinger's Atlas of Surgical Operations published in April 2016 and also an Associate Editor of Fischer's Mastery of Surgery 7<sup>th</sup> Edition, currently in preparation.

**Zhi Ven Fong, MD, MPH**

Zhi Ven Fong, MD, MPH is a general surgery resident at Massachusetts General Hospital and is the MGPO E.A. Codman Research Fellow in Clinical Effectiveness at the Codman Center. Dr. Fong graduated Alpha Omega Alpha from Jefferson Medical College, Thomas Jefferson University with an M.D. degree. Funded by a NIH/NCI Ruth L. Kirschstein NRSA F32 Award, he is currently pursuing a PhD in Public Health at the Johns Hopkins Bloomberg School of Public Health. His clinical interest centers around health service and patient-centered outcomes research for hepatobiliary and pancreatic cancer.

**Timothy L. Frankel, MD**

Timothy L. Frankel, MD is a Surgical Oncologist and an Assistant Professor of Surgery at the University of Michigan and Ann Arbor Veterans Hospitals. He graduated Magna Cum Laude from Connecticut College in 2000 with a B.A. in Physics and was elected into Phi Beta Kappa. He earned his medical degree from George Washington University in 2004 and was inducted into the Alpha Omega Alpha Honor Medical Society. He completed a residency in General Surgery at the University of Michigan in 2011 during which time he spent two years at the National Cancer Institute studying tumor immunology and genetic engineering under Steven A. Rosenberg, MD, PhD. After completion of residency, he completed a two-year surgical oncology fellowship at Memorial Sloan-Kettering Cancer Center in New York. His clinical interests are in the treatment of gastrointestinal malignancies including cancers of the liver, pancreas and stomach. He has published multiple clinical papers on techniques in liver resection for colorectal metastases. He serves as the Cancer Liaison Physician for the AAVA's Commission on Cancer certified Cancer Program. His NIH/NCI funded laboratory studies mechanisms that link inflammation to pancreas tumor formation and metastasis.

**Amir A. Ghaferi, MD, MS**

Dr. Ghaferi is an Associate Professor of Surgery and Business at the University of Michigan. He is currently the Chief of General Surgery and Founding Director of the Bariatric Surgery Program at the Ann Arbor VA Healthcare System. He is also the Director of the Michigan Bariatric Surgery Collaborative, a consortium of 40 hospitals and 80 surgeons focused on improving the safety and quality of bariatric surgery. He received his bachelors degree from UCLA, his medical degree from the Johns Hopkins University School of Medicine, and completed his surgical training at the University of Michigan. Dr. Ghaferi also completed advanced training in health services research and obtained a Masters degree in Health and Healthcare Research from the University of Michigan.

Dr. Ghaferi's clinical practice is devoted to advanced laparoscopy, including bariatric surgery, gastroesophageal reflux surgery, and abdominal wall and groin hernias. His research focuses on understanding the relationship of organizational systems and human factors to quality and efficiency, with the ultimate goal of designing interventions to improve care locally, regionally, nationally, and internationally. He has received grants from several federal agencies—National Institutes of Health (NIH), Agency for Healthcare Research and Quality (AHRQ), and the Patient Centered Outcomes Research Institute (PCORI).

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His research has been published in prominent journals such as *The New England Journal of Medicine*, *JAMA*, and *Annals of Surgery*. He is recognized as a global leader in bariatric surgery and health services research.

**Evan S. Glazer, MD, PhD**

Evan S. Glazer, MD, PhD is an Assistant Professor in the Division of Surgical Oncology at the University of Tennessee Health Science Center and West Cancer Center. An academic leader and clinical expert in the surgical treatment of pancreatic and liver malignancies, Dr. Glazer has a dual focus on both his clinical practice and research initiatives. He completed a Complex Surgical Oncology Fellowship at the H. Lee Moffitt Cancer Center in Tampa, Florida, and a research fellowship at the M.D. Anderson Cancer Center in Houston, Texas. He is board certified in both General Surgery and Complex General Surgical Oncology. He is studying the role of TGF- $\beta$  in pancreatic cancer and is principal investigator of a clinical trial for metastatic ocular melanoma to the liver. Outside of work, he enjoys Memphis BBQ with his wife and two daughters.

**Ankush Gosain, MD, PhD, FACS, FAAP**

Dr. Gosain directs Pediatric Surgery Research at the Children's Foundation Research Institute of Le Bonheur Children's Hospital. His NIH-funded laboratory focuses on the development of the enteric nervous system and gastrointestinal mucosal immune system. The long-term goal of his research is to gain an understanding of the interactions between the enteric nervous and gastrointestinal immune systems in both development and disease to permit the generation of novel neuro-immunomodulatory therapies that may potentially target a broad range of congenital and acquired pediatric gastrointestinal tract diseases (Hirschsprung's disease, necrotizing enterocolitis, intestinal atresia, motility disorders, inflammatory bowel disease, etc.). Dr. Gosain's clinical research focuses on optimizing modes of communication in pediatric surgery to ensure patient safety. This includes development of clinical pathways for common pediatric surgical conditions and pediatric trauma patients. Another area of active work is the utilization of a health information technology leveraged approach to improving provider communications during transitions of care for pediatric trauma patients in the hospital setting. Finally, Dr. Gosain is studying methods to optimize informed consent discussions in pediatric general surgery.

**Elizabeth G. Grubbs, MD**

Dr. Elizabeth Grubbs is the Program Director for the fellowship in Complex General Surgical Oncology at UTMDACC Department of Surgical Oncology. Her clinical practice is dedicated to the treatment of benign and malignant thyroid, adrenal, and parathyroid disease. Her clinical and research interests focus on the treatment of hereditary endocrine neoplasias. She serves as director of MDACC's multi-disciplinary Multiple Endocrine Neoplasia Specialty Clinic. She's particularly interested in the genotype-phenotype correlation within and among different germline RET mutations. She also studies non-RET mediated mechanisms of medullary thyroid cancer (MTC) with the goal of identifying potential pathways for new MTC therapeutics. Grant funding has led her to create independent research program in cancer-related health services research that incorporates emerging knowledge from molecular epidemiology and genetics. Her grant from American Cancer Society identifies key clinical and molecular factors affecting the clinical course of MTC.

**Alex B. Haynes, MD, MPH**

Alex Haynes, M.D., M.P.H. is Assistant Professor of Surgery at Harvard Medical School, Associate Program Director of Safe Surgery at Ariadne Labs, and a Research Associate at the Harvard T. H. Chan School of Public Health. Dr. Haynes' clinic practice is in general surgical oncology at the Massachusetts General Hospital, with a focus on soft tissue sarcoma and malignant melanoma. His academic work focuses on development and implementation of systems improvements in surgical care, including teamwork, communication, and integration of surgical quality improvement into healthcare systems. Dr. Haynes received his B.A. from Tulane University, his M.P.H. from Columbia University Mailman School of Public Health, and his M.D. from Wayne State University School of Medicine. His clinical training includes residency in surgery at the Massachusetts General Hospital and fellowship in surgical oncology at the University of Texas M.D. Anderson Cancer Center.

**Daniel N. Holena, MD**

Dr. Holena is an Assistant Professor of Surgery at the University of Pennsylvania where he serves as the associate section chief of Emergency General Surgery. His career is devoted to clinical research in the adult trauma population as well as clinical practice in the field of traumatology and surgical critical care. He has worked as a trauma surgeon at the Hospital of the University of Pennsylvania since 2009. After completing a Master's of Science in Clinical Epidemiology through the Center for Clinical Epidemiology and Biostatistics in 2015 while on a K12 training grant, in 2016 he was awarded K08 training grant through the National Heart Lung and

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Blood institute (K08 HL131995) to gain further expertise epidemiologic methods and experience in the conduct of clinical research the in the trauma population. His primary research focus has been on understanding 'failure to rescue' as it pertains to injured patients. Failure to Rescue (FTR) is defined as the conditional probability of death after a complication and is associated with center-level mortality rates and structures of care. The FTR metric has been widely applied to surgical populations but its performance in the injured population had not been rigorously studied. This area of inquiry has led to multiple research projects examining specific aspects of the care of trauma patients and specifically complications. He also has a broad interest in interhospital transfer, outcomes after emergency general surgery, and the application of causal inference methodologies large databases.

#### **Andrew M. Ibrahim, MD, MSc**

Andrew M. Ibrahim MD, MSc completed his undergraduate and medical degrees education both with Honors at Case Western Reserve University with a year of coursework at University College London and The Bartlett School of Architecture. He also completed additional post-graduate policy training as a Crile Fellow at Princeton University, a Doris Duke Fellow at John Hopkins Hospital and a Robert Wood Johnson Clinical Scholar at the University of Michigan. He currently serves of the founding Creative Director at the Annals of Surgery and is a House Officer in the Department of Surgery at the University of Michigan. More information about his work can be found here: [www.SurgeryRedesign.com](http://www.SurgeryRedesign.com)

#### **Rachel R. Kelz, MD, MSCE**

Rachel R. Kelz, MD MSCE FACS is an Associate Professor of Surgery at the Perelman School of Medicine at the University of Pennsylvania. She is a board certified general surgeon (2005, 2015) with an active endocrine surgery practice and formal training in health services research. She serves as an Associate Program Director of the General Surgery Residency Program and the Director of the Center for Surgery and Health Economics in the Department of Surgery. Dr. Kelz works as the surgeon champion for the ACS NSQIP at the Hospital of the University of Pennsylvania. Dr. Kelz is the recipient of the Gordon P. Buzby Award for leadership and the Mentorship Award from the Department of Surgery. She was awarded the Christian R. and the Mary F. Lindback Award for distinguished teaching from the Provost's office at the University of Pennsylvania. The Lindback is the most prominent educational award given by the University. Dr. Kelz leads the Quality In-Training Initiative (QITI) of the American College of Surgeons National Surgical Quality Improvement Program. The QITI is a national collaborative of teaching hospitals designed to integrate outcomes and quality improvement into surgical education. Dr. Kelz has focused her research interests on the improvement of surgical outcomes through the use of innovative investigation and the development of novel education techniques. She has received private and public grant support for her research and has authored numerous chapters and more than 140 peer-reviewed manuscripts. She is currently funded by the National Institute on Aging, The Leonard Davis Institute and several private foundations. Dr. Kelz received a BS in Mathematics from Union College in Schenectady, NY, her MD from Yale University in New Haven, CT and an MS in Clinical Epidemiology and Statistics from the University of Pennsylvania. She is currently an executive MBA candidate (2018) at The Wharton School at the University of Pennsylvania.

#### **Melina R. Kibbe, MD, FACS, FAHA**

Melina R. Kibbe, MD, is Professor of Surgery with tenure, and the Zack D. Owens Distinguished Professor and Chair of the Department of Surgery at the University of North Carolina (UNC). She also is an Adjunct Professor in the Department of Biomedical Engineering. She began her tenure at UNC on July 1, 2016. Prior to UNC, Dr. Kibbe was faculty at Northwestern University for 13 years where she also served as the Vice Chair of Research in the Department of Surgery and as Deputy Director of the Simpson Querrey Institute for BioNanotechnology. Clinically, Dr. Kibbe has significant experience with both open and endovascular surgery, including the treatment of carotid stenosis, peripheral vascular disease, and abdominal aortic aneurysms. Dr. Kibbe's research interests focus on nitric oxide vascular biology and developing novel and innovative nitric oxide-based therapies for patients with vascular disease. For her research, she has received funds from the National Institutes of Health, Department of Defense, American Heart Association, Department of Veterans Affairs, American Medical Association, and various society, foundation, and intramural sources. She holds 12 patents or provisional patents. Her research was recognized by President Obama with the Presidential Early Career Award for Scientists and Engineers in 2009. Her bibliography includes over 200 peer-reviewed manuscripts, review articles, and book chapters, with an emphasis on vascular biology and nitric oxide-based therapies. She is board certified in general and vascular surgery and is RVT and RPVI certified by ARDMS. Dr. Kibbe is the Editor-in-Chief for JAMA Surgery. She is past-president of the Association for Academic Surgery, the Midwestern Vascular Surgical Society, and the Association of VA Surgeons. She is also an active member in the American College of Surgeons, the American Surgical Association, the Society for Vascular Surgery, and the American Heart Association, among others. Most recently, she was elected into the American Society for Clinical Investigation and the National Academy of Medicine.

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**Eugene S. Kim, MD**

Dr. Eugene Kim is Associate Professor of Surgery, Clinical Scholar, in the Division of Pediatric Surgery, Department of Surgery at the University of Southern California Keck School of Medicine in Los Angeles, California. He is an Attending Pediatric Surgeon at Children's Hospital Los Angeles with expertise in pediatric surgical oncology and the resection of complex solid tumors in children. Dr. Kim is also principal investigator of a basic science laboratory that is focused on the study of novel preclinical therapies for the aggressive pediatric malignancy neuroblastoma. Specifically, utilizing a novel surgical mouse model of minimal residual disease, Dr. Kim is investigating the mechanisms and pathways responsible for metastatic disease in neuroblastoma and how targeting cancer stem cells may improve outcomes in patients. Dr. Kim is passionate about surgical education and the development of the next generation of surgical scientists.

**Brenessa M. Lindeman, MD, MEHP**

Brenessa Lindeman, MD, MEHP, is an Assistant Professor of Surgery and Associate Designated Institutional Official for the Clinical Learning Environment at the University of Alabama at Birmingham. A native of eastern Kentucky, she completed her undergraduate training *summa cum laude* at the University of Louisville and was the Founder's Medalist at the Vanderbilt University School of Medicine. She completed residency training in General Surgery at the Johns Hopkins University School of Medicine, where she served as an Administrative Chief Resident, and completed a fellowship in Endocrine Surgery at Brigham and Women's Hospital/Harvard Medical School. Brenessa earned a Masters of Education in the Health Professions from Johns Hopkins University and completed Surgical Education Research Fellowships with the Association for Surgical Education and Massachusetts General Hospital. She served as a member of the Association of American Medical Colleges (AAMC) Core EPAs for Entering Residency Drafting Panel as well as the Resident Member of the AAMC Board of Directors from 2012-2016 and is currently working with the American Board of Surgery to define EPAs for General Surgery. Her research interests are in development and assessment of competency in surgical trainees, resident supervision and autonomy, and evaluation of the learning climate/physician wellness as an academic surgeon.

**Carrie C. Lubitz, MD, MPH**

Carrie C. Lubitz, MD, MPH, received her undergraduate and medical degrees at the University of Michigan. She completed general surgery training at New York Presbyterian Hospital/Weill-Cornell Medical College. She then completed her clinical endocrine surgery fellowship in 2010 at the Massachusetts General Hospital, obtained a Master of Public Health through the Harvard School of Public Health and completed a two-research fellowship in the Dana-Farber/Harvard Cancer Center Program in Cancer Outcomes Research Training. She is now an Assistant Professor of Surgery at the Harvard Medical School and a senior scientist at the MGH Institute for Technology Assessment. In addition to her clinical practice, Dr. Lubitz is a current recipient of a K07 NIH award to support her clinical and translational research interests including translational and comparative-effectiveness research aimed to improve the quality of care of patients with endocrine-related disorders.

**Rebecca M. Minter, MD**

Rebecca M. Minter, M.D., is the Vice Chair of Clinical Operations and Finance, Chief of the Hepatopancreatobiliary Surgery Section in the Division of Surgical Oncology, and the Alvin Baldwin Jr Distinguished Professor of Surgery at the University of Texas Southwestern Medical Center. Dr. Minter received her M.D. degree from the University of Texas Southwestern Medical School, and went on to general surgery residency training at the University of Florida College of Medicine. Upon completion of training, Dr. Minter joined the faculty at the University of Michigan in July of 2003 and remained until 2015. While at the University of Michigan, Dr. Minter served as the Chief of the Advanced GI and Hepatopancreatobiliary Surgery Division, the Associate Chair of Education for the Department of Surgery, and the Associate Program Director for the General Surgery Residency program.

Dr. Minter's clinical practice is focused in the areas of pancreatobiliary and gastrointestinal surgery. She has a particular interest in the management and treatment of benign and neoplastic diseases of the pancreas. Dr. Minter is recognized as a clinical leader in her field and presently serves as the President of the Americas Hepatopancreatobiliary Association and as an Associate Editor of the journal, HPB.

Dr. Minter's research efforts are primarily focused within the domain of surgical education. This work is focused on the development of training frameworks which explicitly define progressive entrustment and the development of autonomy. Dr. Minter holds national leadership positions in multiple societies in recognition of her work in the field of surgical education and academic surgery, and is the immediate past President of the Society of University Surgeons.

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**Ali A. Mokdad, MD, MS**

Ali A. Mokdad is a PGY-6 (4th clinical year) general surgery resident at the University of Texas Southwestern. He is also a 3rd year PhD student of biostatistics at the Department of Statistics at Southern Methodist University. After earning his medical degree at the American University of Beirut, Ali worked on the Global Burden of Disease study at the Institute for Health Metrics and Evaluation at the University of Washington in Seattle. His work on numerous diseases, including hepatitis, liver cirrhosis, and liver cancer has appeared in leading journals such as JAMA and Lancet. At the University of Washington, Ali also earned a master's of science degree in epidemiology. Ali's research and clinical interests are in oncology. He recently completed a research fellowship at the Division of Surgical Oncology at the University of Texas Southwestern. He has worked on clinical outcomes in gastrointestinal malignancy and authored several peer-reviewed journal articles in JAMA Oncology and the Journal of Clinical Oncology. He serves on the clinical outcomes and health services research committee of the Association for Academic Surgery and is currently working towards applying for further training in surgical oncology. His current research focus, and PhD dissertation, involve exploring novel designs and methods for conducting clinical trials in cancer. Specifically, he is working on designs for dose expansion cohorts following phase I dose-finding trials. Ali is also a husband and a father. He enjoys family time and reading a wide array of book genres.

**Melanie S. Morris, MD**

Dr. Melanie Morris is an Associate Professor of Surgery at the University of Alabama at Birmingham who joined our faculty in 2010. In 2016, she was named the Chief of General Surgery for the Birmingham VA hospital. A native of Tennessee, she completed her undergraduate degree at Vanderbilt University and her medical degree at the University of Tennessee Health Science Center. She completed her surgical residency in general surgery at Oregon Health and Science University and a colon and rectal surgery fellowship at the University of Texas Health Science Center at Houston. Dr. Morris is a specialist in colon and rectal surgery who is dedicated to improving surgical outcomes and surgical education. She is the National Surgical Quality Improvement Project surgeon champion for UAB Hospital and actively improved in quality improvement projects to ensure the safest surgical care possible is delivered to our patients. She served as an associate program director for our General Surgery Residency Program and mentors many residents and students.

**Sareh Parangi, MD**

Dr. Parangi is a busy endocrine surgeon at Massachusetts General Hospital, Harvard Medical School in Boston. She focuses her clinical efforts on endocrine surgery and applies her basic science knowledge and expertise to tumor progression in thyroid cancer. She has been a council member for the most prestigious organization of endocrine surgeons in the US, The American Association of Endocrine Surgeons, and a member of American Association of Clinical Endocrinologist and The American Thyroid Association. She has won numerous awards for her research on understanding why some patients with thyroid cancer do worse than others and how to help them.

**Timothy M. Pawlik, MD, MPH, PhD**

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 was the recipient of a Clinical and Translational Science Award (CTSA) KL2 Research Scholar Award and 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 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 350 invited talks both nationally and internationally in 25 different countries. Dr. Pawlik has published over 750 articles and 50 book chapters, in addition to editing five surgical textbooks. Dr. Pawlik serves on multiple editorial boards and is Editor-in-Chief of Journal of Gastrointestinal Surgery, Deputy Editor of JAMA Surgery, as well as an Associate Editor for Annals of Surgical Oncology. 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 Americas 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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**Susan C. Pitt, MD, MPHS**

Susan Pitt, MD, MPHS, is an Assistant Professor of Surgery in the Division of Endocrine Surgery at the University of Wisconsin. She is also an investigator in WiSOR, the Wisconsin Surgical Outcomes Research program. Her research focuses on overtreatment of patients with thyroid cancer and the role of treatment decision-making. Dr. Pitt received her medical degree from the Medical College of Wisconsin. She also has a Masters degree in Population Health Science from Washington University in St. Louis School of Medicine where she completed her general surgery residency. After residency, Dr. Pitt completed a one year fellowship in Abdominal Organ Transplantation and Hepatopancreatobiliary surgery while at Washington University in St. Louis, and then an Endocrine Surgery fellowship at Brigham and Women's Hospital.

**Rebecca M. Rentea, MD**

Rebecca M. Rentea, MD is the currently the Pediatric Surgery Colorectal Fellow at Children's Nationwide Hospital- Ohio State University. She completed her undergraduate studies at the University of Wisconsin-Madison and her general surgery residency at the Medical College of Wisconsin in Milwaukee, Wisconsin. Most recently she completed her pediatric surgery fellowship at Children's Mercy Hospital in Kansas City, Missouri where she will be returning as pediatric surgical staff in July 2018. Basic science research has been an interest since her undergraduate years, and in addition to spending two years during residency studying necrotizing enterocolitis at the Children's Hospital of Wisconsin she continues to be involved in clinical and translational research projects in pediatric surgery.

**Joseph V. Sakran, MD, MPH**

Dr. Joseph V. Sakran is currently an Assistant Professor of Surgery and Associate Chief, Division of Acute Care Surgery at The Johns Hopkins University. As an Acute Care Surgeon, Joe spends most of his time caring for critically ill and injured patients. His research interests are in healthcare innovation, trauma system development, public policy specifically gun violence prevention, and the advancement of surgery in poor resource settings. Joe has delivered care and sustainable solutions throughout numerous countries in India, the Middle East, and Africa. He has responded to a number of international disasters including the Asian Tsunami in 2004, and the Haitian Earthquake in 2010. The American College of Surgeons (ACS) recently recognized Dr. Sakran for his work in resource poor settings when he received the 2014 Surgical Volunteerism Award. He has been actively involved in the ACS, and is the past Chair of the Resident and Associate Society (RAS) and currently serves on the Young Fellows Association governing council. Dr. Sakran recently completed a year at the Harvard Kennedy School (HKS) of Government where he is developed a unique skill-set focused on economics, public policy, and leadership development.

**Virginia O. Shaffer, MD**

Dr. Virginia Shaffer is an Assistant Professor of Surgery at Emory University in Atlanta, GA and specializes in minimally invasive and open surgical treatment of diseases of the colon and rectum. She received her M.D. at the University of Texas Health Sciences Center San Antonio, and completed general surgery residency at Emory University. Dr. Shaffer did a research fellowship in Transplant Immunology and subsequently did a fellowship in Colon and Rectal Surgery at Cleveland Clinic Florida. She is board certified in both General Surgery and Colon and Rectal Surgery. She is a fellow in the American College of Surgeons and the American Society of Colon and Rectal Surgeons. Her research interests include health services research, quality improvement, and translational clinical research.

**Lawrence A. Shirley, MD, MS**

Lawrence Andrew "Drew" Shirley MD, MS is an Assistant Professor in the Division of Surgical Oncology at The Ohio State University Wexner Medical Center. Dr. Shirley received his BA in English/Molecular Biology at Vanderbilt University and MD from the University of Kentucky College of Medicine. He went on to complete his General Surgery Residency at Thomas Jefferson University Hospital, and a Surgical Oncology Fellowship at The Ohio State University. His clinical practice focuses on the surgical management of endocrine disease, including thyroid, parathyroid, and adrenal diseases. His laboratory investigates novel biomarkers and treatment targets in the microenvironment of non-medullary thyroid cancers.

**Douglas S. Smink, MD, MPH**

Douglas S. Smink, MD, MPH is an Associate Professor in Surgery at Harvard Medical School and a minimally invasive general surgeon at Brigham and Women's Hospital. Dr. Smink trained in general surgery at Brigham and Women's Hospital in Boston and in minimally invasive surgery at Dartmouth Hitchcock Medical Center in Lebanon, New Hampshire. At Brigham and Women's, Dr. Smink is the Program Director of the General Surgery Residency and the Associate Chair of Education in the Department of Surgery.

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He is the editor-in-chief of the *Journal of Surgical Education* and serves as a member of the editorial board of SCORE (Surgical Council on Resident Education). Dr. Smink is the co-leader of the Surgical Culture research program at the Center for Surgery and Public Health, where he studies how to teach communication, leadership, and decision-making to surgeons and surgical teams.

#### **J. Josh Smith, MD, PhD**

Dr. Smith is an Assistant Member and Attending Surgeon on the Colorectal Service at Memorial Sloan Kettering Cancer Center (MSKCC). He is a board-certified surgeon directing his efforts entirely toward the treatment of colon and rectal cancer (CRC) patients while working to understand the molecular underpinnings leading to the progression of disease as a physician-scientist. Dr. Smith completed his General Surgery training at Vanderbilt University Medical Center with Drs. Dan Beauchamp and John Tarpley. He also completed a Ph.D. in Cell and Developmental Biology at Vanderbilt University in the midst of his residency. He then completed a fellowship in Surgical Oncology with an PRIMARY emphasis in colon and rectal cancer under the guidance of Dr. Julio Garcia-Aguilar at MSKCC. He also served as Chief Administrative Fellow for the Department of Surgery at Memorial Hospital from 2014 to 2015.

He is an active physician scientist treating patients with colon, rectal and anal cancer. He is involved in clinical trials based at MSKCC studying new paradigms of treatment for patients with locally advanced rectal cancer and metastatic colorectal cancer. He has an active translational science laboratory and is embedded in the laboratory of Dr. Charles sawyers where he has developed novel in vivo and ex vivo tools to study rectal cancer.

#### **Allison L. Speer, MD**

Dr. Allison Speer is an Assistant Professor Pediatric Surgery at the McGovern Medical School at The University of Texas Health Science Center at Houston (UTHealth). She completed her general surgery residency training at Los Angeles County + USC Medical Center in Los Angeles, CA. During residency, she completed a 3 year research fellowship investigating tissue-engineered intestine as a solution for short bowel syndrome at Children's Hospital Los Angeles in the laboratory of Dr. Tracy Grikscheit. Dr. Speer has received several research awards including Best Manuscript by a New Association for Academic Surgery (AAS) Member and Best Quick Shot Presentation by a New AAS member. Additionally, she received grant funding from the Ethicon-Society of University Surgeons (SUS) Surgical Research Fellowship Award. After residency, she completed fellowship training in Pediatric Surgery at Children's National Medical Center/George Washington University in Washington, D.C. Dr. Speer is a basic-translational surgeon-scientist focused on developing novel regenerative medicine strategies for intestinal failure such as tissue-engineered intestine and cell-based therapies. She is currently funded with a Pilot/Feasibility Award from the Texas Medical Center Digestive Diseases Center.

#### **Jonah J. Stulberg, MD, PhD, MPH**

Dr. Stulberg is an Assistant Professor of Surgery in the Department of Surgery at Northwestern University, with a clinical focus on abdominal wall reconstruction. He has a masters of public health (MPH) and a doctorate in epidemiology and biostatistics (PhD), and he has over 16 years of experience leading large collaborative projects. He has published in numerous high impact journals, including the *New England Journal of Medicine* (NEJM), the *Journal of the American Medical Association* (JAMA), and *Cancer*. His current research focuses on the use of video to improve technical skills, reducing over-prescribing of opioid analgesics for surgical patients, and optimizing patients for surgery through frailty screening and interventions related interventions.

#### **Sam C. Wang, MD**

Sam Wang, MD is an Assistant Professor in the Department of Surgery at UT Southwestern Medical Center in Dallas, TX. His clinical focus is HPB oncology. He conducts basic and translation research using genetically engineered mouse models of liver and pancreas cancers to try to better understand the mechanisms that drive initiation and progression of these cancers as to identify novel therapeutic targets. He received his medical degree from Duke University and then completed his general surgery residency at the University of California San Francisco and his complex general surgical oncology fellowship at Memorial Sloan Kettering Cancer Center.

#### **Nabil Wasif, MD**

Dr. Nabil Wasif completed a Surgical Oncology Fellowship from the John Wayne Cancer Institute in Los Angeles from 2007-2009 and then joined the Department of Surgery at Mayo Clinic in Arizona as an Assistant Professor. His residency training was at the New York Presbyterian Hospital- Cornell. He has an established GI oncology surgical practice, including pioneering the use of HIPEC at his institution, which is now a three state referral center for patients with advanced malignancies. In 2015, he was promoted to Associate Professor of Surgery and also took over as Program Director for the general surgery residency program. Dr. Wasif has a

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***Faculty Bios***

Masters of Public Health in quantitative methods from the Harvard School of Public Health and his research focuses on cancer health care delivery and comparative effectiveness of therapies. To date he has over 90 publications, several book chapters, and is actively involved in multi-center trials.

**Heather L. Yeo, MD, MHS**

Heather Yeo, MD, MHS, is Assistant Professor of Surgery and Assistant Professor of Public Health at Weill Cornell Medical College and Assistant Attending Surgeon at NewYork-Presbyterian/Weill Cornell Medical Center. She is board-certified in general surgery, colon and rectal surgery and complex general surgical oncology. Dr. Yeo has a Master's in Health Services Research and is focused on surgical outcomes and quality improvement in Gastrointestinal Cancer Surgery. Dr. Yeo has recently focused her research on cancer surgery in aging populations, looking at outcomes, predictors of poor outcomes and possible ways to improve them. She is particularly interested in the psychosocial factors that go into surgical decision making and how they influence outcomes in an aging population. In addition she has been working with Cornell Tech to develop mobile apps to track patients in the perioperative period.

**Steven Yule, PhD**

Dr. Yule is a leading academic psychologist and internationally recognized for his research on non-technical skills and patient safety in surgery. Most notably, he was one of the pioneers of the 'Non-Technical Skills for Surgeons' (NOTSS) behavior observation system, which is now being implemented for surgical education and research in North America, Europe, Australia, Africa and Asia. Dr. Yule has authored several seminal manuscripts on non-technical skills, edited the first surgical textbook on the topic, and leads a research laboratory dedicated to advancing the field. His current research focuses on the relationship between clinicians' behavior and patient outcomes, use of technology to automate surgical team assessment, and developing simulation-based support for astronauts to manage medical events on deep space missions. He is vice chair of the American College of Surgeons (ACS) committee on non-technical skills and education chair of Association for Academic Surgery (AAS).

**S. Nabeel Zafar, MD, MPH**

Dr. Zafar is a current MIS fellow at the University of Maryland and will be going on to surgical oncology fellowship at the MD Anderson Cancer Center. He completed his medical degree from the Aga Khan University, a Master's in Public Health from the Harvard School of Public Health and then a general surgery residency from Howard University. Dr. Zafar has been a member of many professional societies and has been actively engaged in health services research for several years. Dr. Zafar has published over 60 peer reviewed articles, with over 35 national and international presentations, and five book chapters. His research has focused on improving surgical outcomes with particular attention to national and international disparities in surgical care. After completing his residency training. His clinical interests lie in oncologic surgery of the alimentary tract. His research has involved the use of large datasets to identify modifiable factors that could improve surgical outcomes. He is passionate about improving global access to essential surgical care.