Department of Surgery
The Ohio State University

2014 Surgery Awards Banquet

Wedgewood Country Club
Saturday, June 14, 2014
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Program

Welcome
Robert S. D. Higgins, MD, MSHA, Professor and Chair, Department of Surgery; John H. and Mildred C. Lumley Medical Research Chair; Surgeon-in-Chief, Wexner Medical Center; Director, Comprehensive Transplant Center

General Surgery Internship
July 1, 2013 – June 30, 2014
Presented by Mark W. Arnold, MD, Professor of Clinical Surgery; Chief, Division of Colon and Rectal Surgery; Vice Chairman for Surgical Education; Program Director, General Surgery Training Program

Oluwafunmilayo B. Adebayo, MD
Corey T. Beals, MD
Eliza Wright Beal, MD
Brittany N. Burn, MD
Chad M. Gridley, MD
Melissa A. Horner, MD
Sade O. Imeokparia, MD
Tariq A. Khemees, MD
Katelyn A. Levene, MD
Christopher W. McQuinn, MD
Michelle C. Nguyen, MD
Andrew M. Todd, MD

Master of Medical Science Program
Presented by Ginny L. Bumgardner, MD, PhD, Professor of Surgery, Division of Transplantation; Associate Dean for Research Education, College of Medicine; Director, Master of Medical Science Program, Department of Surgery

Joseph M. Drosdeck, MD, MS
Michelle M. Fillion, MD, MS
Justin T. Huntington, MD, MS
Shawnn D. Nichols, MD, MS
Robert L. Plews, MD, MS
Lawrence A. Shirley, MD, MS
Rachael C. Sullivan, MD, MS

Advanced Therapeutic Endoscopy and Gastrointestinal Surgery Fellowship
Presented by Jeffrey W. Hazey, MD, Associate Professor of Surgery, Interim Chief, Division of General and Gastrointestinal Surgery

Michael P. Meara, MD, MBA
Minimally Invasive Surgery Fellowship  
Presented by Bradley Needleman, MD, Associate Professor of Surgery; Medical Director, Comprehensive Weight Management & Bariatric Surgery Center; Program Director, Minimally Invasive Surgery Fellowship

Umer I. Chaudhry, MD  
James A. Rydlewicz, MD

Cardiothoracic Surgery Fellowship  
Presented by Robert S. D. Higgins, MD, MSHA, Professor and Chairman, Department of Surgery; John H. and Mildred C. Lumley Medical Research Chair; Surgeon-in-Chief, Wexner Medical Center; Director, Comprehensive Transplant Center

Nikhil P. Jaik, MBBS  
Kathryn L. O’Keefe, MD

General Surgery Residency  
Presented by Mark W. Arnold, MD, Professor of Clinical Surgery; Chief, Division of Colon and Rectal Surgery; Vice Chairman for Surgical Education; Program Director, General Surgery Training Program

Amy L. Collins, MD, MS  
Eric A. Luedke, MD, MS  
Laura A. Peterson, MD, MS  
Thomas A. Pham, MD, MS  
Ricardo O. Quarrie, MD, MS  
Jennifer S. Schwartz, MD

Pediatric Surgery Residency  
Presented by Gail E. Besner, MD, Professor of Surgery and Pediatrics; Chief, Division of Pediatric Surgery; Program Director, Pediatric Surgery Training Program

Mehul V. Raval, MD, MS

Pediatric Surgery Intern of the Year Award, bestowed by the pediatric faculty and fellows in recognition of an intern who has demonstrated outstanding ability in clinical care

Pediatric Surgery Resident of the Year Award, bestowed by the pediatric faculty and fellows in recognition of a PGY3 resident for the OSU College of Medicine who has demonstrated outstanding ability in clinical care

Golden Apple Teaching Award, bestowed by the medical students in recognition of a pediatric surgery faculty for excellence in teaching and dedication to surgical education and mentoring

Denis R. King Teaching Award, bestowed by the general surgery residents rotating in pediatric surgery in recognition of excellence in teaching and dedication to surgical education and mentoring
Surgical Critical Care Fellowship
Presented by Steven M. Steinberg, MD, Professor of Surgery and Chief, Division of Trauma, Critical Care and Burn; Program Director, Surgical Critical Care Fellowship
Daniel W. Benson, MD
Cyrus C. Chan, MD
Ramy H. Fouad, MD
Daniel E. Vázquez-Torres, MD, MS

Surgical Oncology Fellowship
Presented by Mark Bloomston, MD, Associate Professor of Surgery, Division of Surgical Oncology; Program Director, Surgical Oncology Fellowship
Michelle M. Fillion, MD, MS
Shawnn D. Nichols, MD, MS
Lawrence A. Shirley, MD, MS

Transplantation Fellowship
Presented by Mitchell L. Henry, MD, Professor of Surgery; Chief, Division of Transplantation; Program Director, Transplantation Fellowship
Ashraf El-Hinnawi, MD

Vascular Surgery Fellowship
Presented by Patrick S. Vaccaro, MD, MBA, Luther M. Keith Professor of Surgery and Chief, Division of Vascular Surgery and Diseases; Program Director, Vascular Surgery Fellowship
Nicolas J. Mouawad, MD, MPH, MBA

Special Department of Surgery Awards

19th Annual Surgery Research Conference Awards, bestowed by the conference faculty judges, for outstanding research presentations

Surgical Nurse of the Year Award, bestowed and presented by the chief residents in General Surgery, for exemplary dedication to the care of surgical patients

John L. Robinson Award, bestowed and presented by the chief residents in General Surgery, for outstanding teaching by faculty or staff from another department

Intern of the Year Award, bestowed by the Surgery faculty, in recognition of an intern who has demonstrated outstanding ability in clinical and academic endeavors. Presented by Mark W. Arnold, MD

Fellow Teaching Award, bestowed by the residents in General Surgery, in recognition of a fellow who has demonstrated excellence in teaching
Michael J. Walker, MD Teaching Award, bestowed by the medical students in recognition of a surgery faculty for excellence in teaching and dedication to surgical education. Presented by Robert S. D. Higgins, MD, MSHA

Resident of the Year Award, bestowed by the Surgery faculty, in recognition of a resident who has demonstrated outstanding ability in clinical and academic endeavors. Presented by Mark W. Arnold, MD

Resident Teaching Award, bestowed by the medical students, in recognition of a resident who has demonstrated excellence in teaching and dedication to surgical education. Presented by Robert S. D. Higgins, MD, MSHA

Faculty Teaching Award, bestowed by the residents and fellows in Surgery, for excellence in teaching and dedication to surgical education. Presented by Robert S. D. Higgins, MD, MSHA

Other Miscellaneous Awards

Closing Comments by Robert S. D. Higgins, MD, MSHA

Residents and fellows completing their programs are encouraged to take the floral centerpieces home at the end of the evening
Daniel W. Benson, MD

Program
Surgical Critical Care Fellowship, July 1, 2013 – June 30, 2014

Place of Birth
Cleveland, Ohio

Undergraduate Degree
BA, Ohio Wesleyan University, Delaware, OH, 1980

Medical Degree
MD, Case Western Reserve University, Cleveland, OH, 1985

Other Training
General surgery residency, University of Cincinnati, Cincinnati, OH, 1992

Occupation Upon Completion of Program
Dr. Benson will spend six months following graduation at Ohio State in the Division of Trauma, Critical Care and Burn before returning to his practice in Toledo.

Program Director’s Comments
Those of you who know Dr. Daniel Benson have probably noticed that he appears a bit older than our usual fellow and he is that. He had been in the practice of general surgery in Toledo for 20 years when he discovered that non-compete clauses actually can be enforced. He has had a very successful career to the present time. He has been Chief of Surgery and Director of the Trauma Program at St. Charles Mercy Hospital and Chief of Staff Elect at Bay Park Community Hospital. He had already had a distinguished surgical career before he joined us as a surgical critical care fellow this year. Since coming to Ohio State, Dan has been everything one would expect out of a polished, experienced surgeon and more. He is a superb clinician. He is cool under pressure. He has been a wonderful colleague. Dan will be spending the next six months with us at Ohio State in our Division of Trauma, Critical Care and Burn as a faculty member and then return to Toledo to resume his practice there.
Cyrus C. Chan, MD

Program
Surgical Critical Care Fellowship, July 1, 2013 – June 30, 2014

Place of Birth
Walnut Creek, California

Undergraduate Degree
BS, Loyola Marymount University, Los Angeles, CA, 1999

Medical Degree
MD, Trinity College Dublin, Ireland, 2005

Other Training
General surgery residency, University of Toledo Medical Center, Toledo, OH – completing 2016

Specialty Interests
Vascular surgery

Research Interests
Vascular diseases

Occupation Upon Completion of Program
Completion of general surgery residency, University of Toledo Medical Center, Toledo, OH

Program Director’s Comments
Dr. Cyrus Chan grew up in California and graduated college from Loyola Marymount University in Los Angeles. From there, his academic career took an unusual turn and he went to medical school at Trinity College in Dublin…that is, Dublin, Ireland and not Dublin, Ohio! He graduated from Trinity College in 2005 and stayed on in Ireland for his first two years of training before coming back to the United States in 2009 to the surgical residency at the University of Toledo Medical Center. During his career he has garnered many awards including Resident Teacher of the Year from the University of Toledo Department of Surgery and Outstanding Resident Award from the University of Toledo College of Medicine. He also received the Gold Foundation Humanism and Excellence in Teaching Award at University of Toledo. While in Ireland, he received the Surgical Intern of the Year Award, the Silver Scalpel Award in Surgery, and a number of others. I am quite comfortable in declaring Cyrus the “most awarded” fellow that we have ever had! Since coming to Ohio State University Wexner Medical Center as a Surgical Critical Care Fellow, Cyrus has done an outstanding job. He clearly has mastered surgical critical care and has proven that he is an excellent clinician and able administrator as well as a great educator. Cyrus will return to Toledo to complete his surgical residency.
Umer I. Chaudhry, MD

Program
Minimally Invasive and Bariatric Surgery Fellowship,
July 1, 2013 – June 30, 2014

Place of Birth
Faisalabad, Punjab, Pakistan

Undergraduate Degree
BS, University of Connecticut, Storrs, CT, 1998

Medical Degree
MD, University of Connecticut, Farmington, CT, 2002

Other Training
• General surgery residency, New York University Medical Center, New York, NY, 2009
• Surgical oncology research fellow, Memorial Sloan-Kettering Cancer Center, New York, NY, 2006

Specialty Interests
Minimally invasive surgery and advanced laparoscopy and bariatric/metabolic surgery

Research Interests
Minimally invasive surgery and advanced laparoscopy

Abstracts Accepted While at Ohio State
• Kanji A, Funk LM, Chaudhry UI, Mikami DJ, Noria SF, Needleman BJ. Comparison of Laparoscopic Greater Curve Plication and Laparoscopic Adjustable Gastric Banding with Greater Curve Plication: Weight Loss and Resolution of Co-Morbidities at 6 Months, Obesity Week, 1st Annual Meeting, Poster Session, Atlanta, GA, 2013

Publications Accepted While at Ohio State
• Chaudhry UI, Needleman BJ, Mikami DJ, Noria, SF. Pharmacotherapy for the Treatment of Weight Loss Recidivism Post Bariatric Surgery. Manuscript in preparation

(Continued on next page)
• Osayi SN, Marr BM, Chaudhry UI, Linn J, Narula VK, Perry KA, Hazey J, Mikami DJ. Bioabsorbable Hernia Plugs in Laparoscopic Inguinal Herniorrhaphy: Short- and Long-Term Results. Manuscript submitted to Hernia
• Chaudhry UI, Kanji A, Suzo AJ, Melvin WS, Perry KA. Laparoscopic Nissen Fundoplication in Class I and II Obesity: Outcomes at 1 Year. Manuscript submitted to Surg Endosc
• Osayi SN, Wendling MR, Chaudhry UI, Dorsdeck JM, Melvin WS, Narula VK. Near Infrared Fluorescent Cholangiography Facilitates Identification of Biliary Anatomy During Laparoscopic Cholecystectomy. Revised manuscript submitted to Surg Endosc
• Chaudhry UI, Osayi SN, Suzo AJ, Needleman BJ. Laparoscopic Adjustable Gastric Banded Plication: Case-Matched Study From A Single U.S. Center. Revised manuscript submitted to Surg Obes Relat Dis
• Chaudhry UI, Kanji A, Higgins RS, Needleman BJ. Laparoscopic Sleeve Gastrectomy in Morbidly Obese Patients with End-Stage Heart Failure and Left Ventricular Assist Device: Medium-Term Results. Surg Obes Relat Dis 2014. In press

Upon Completion of Program
Staff Surgeon, Kaiser Permanente, San Diego, CA

Program Director’s Comments
Dr. Umer Chaudhry has had a very busy clinical year, completing over 330 advanced laparoscopic surgeries procedures. He has actively participated in a number of ongoing research projects that will lead to publications. In addition, he was very active in our educational programs. Dr. Chaudhry was an outstanding asset to our team and is certain to do very well throughout his career.
Amy L. Collins, MD, MS

Program
General Surgery Residency, July 1, 2007 – June 30, 2014

Place of Birth
West Palm Beach, Florida

Undergraduate Degree
BS, Summa Cum Laude, Florida Atlantic University, Boca Raton, FL, May 2001

Medical Degree
MD, University of South Florida College of Medicine, Tampa, FL, May 2007

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2011

Specialty Interests
Hepatobiliary surgery

Research Interests
Dysregulation of microRNAs in pancreatic cancer and cholangiocarcinoma. The role of the tumor microenvironment on pancreatic cancer cell growth. Pancreatic cancer associated stellate cells.

Honors and Awards While at Ohio State
• Scientific Travel Award, 11th Annual Ohio State University Wexner Medical Center Trainee Research Day, April 18, 2012
• Second Place Presentation at the 16th Annual OSU Department of Surgery Research Conference, June 10, 2011
• Third Place Presentation at the 22nd Annual Presidential Symposium of the Columbus Surgical Society, March 12, 2011
• James D. King Research Award, Department of Surgery, The Ohio State University Medical Center, 2009

Abstracts Accepted While at Ohio State
• Collins A., Wojcik S., Croce CM, Bloomston M. Pancreatic Stellate Cells Induce Overexpression of MicroRNA-21 and MicroRNA-210 in Pancreatic Cancer Cells in Hypoxia. Presented at the 16th Annual Ohio State University Medical Center Research Day, June 2011

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• Collins A., Rock J., Malhotra L., Frankel W., Bloomston M. Osteopontin is Associated with Improved Survival in Patients with Pancreatic Adenocarcinoma. Poster presented at the 64th Annual Cancer Symposium of the Society of Surgical Oncology, San Antonio, TX, March 2011


• Collins A., Wojcik S., Bloomston M. Hypoxia Inducible Factor 1-α (HIF-1α) Upregulates MicroRNA-21 (MIR-21) in Pancreatic Cancer. Presented at the 21st Annual Presidential Symposium of the Columbus Surgical Society, March 2010

• Bloomston M., Wojcik S., Collins A., Croce C. Hypoxia Inducible Factor 1-α (HIF-1α) Upregulates MicroRNA-21 (MIR-21) in Pancreatic Cancer. Quick Shot presentation at the 5th Annual Academic Surgical Congress of the Society of University Surgeons, San Antonio, TX, March 2010

**Publications Accepted While at Ohio State**


(Continued on next page)

**Research Grants Awarded While at OSU**
• American Association for Cancer Research, AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research, 2010
• Center for Clinical and Translational Science TL1 Training Award TL1RR025753 from the National Center for Research Resources, funded by the Office of the Director, NIH (OD) and supported by the NIH Roadmap for Medical Research, 2009

**Occupation Upon Completion of Program**
Advanced Upper GI and Hepatobiliary Surgery Fellowship, Florida Hospital, Orlando, FL

**Program Director’s Comments**
Dr. Amy Collins has completed, with excellence, a program of five years of clinical training and two years in the lab, where she obtained her master’s degree. During her residency, Amy has had two dreams; one to become a hepatobiliary surgeon and two, to return home to Florida. It is an achievement for her to realize both dreams next year, when she will return home to continue her training as a fellow in Advanced Hepatobiliary Surgery at the Florida Hospital in Orlando.
Joseph M. Drosdeck, MD, MS

Program
Master of Medical Science, June 1, 2012 – December 31, 2013

Place of Birth
Milwaukee, Wisconsin

Undergraduate Degree
BA, University of Wisconsin-Milwaukee, Milwaukee, WI, 2004

Medical Degree
MD, University of Wisconsin-Madison, Madison, WI, 2010

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2014

Specialty Interests
Minimally invasive surgery, foregut surgery

Research Interests
Technical advancements in minimally invasive surgery, surgical education

Honors and Awards While at Ohio State
Induction into Alpha Omega Alpha medical honor society, The Ohio State University, 2011

Abstracts Accepted While at Ohio State
• The effect of three-dimensional versus two-dimensional imaging displays on task performance by laparoscopy-naïve subjects. Accepted for poster presentation at SAGES in Salt Lake City, UT, April 2-5, 2014
• Cost-effectiveness Analysis of Medical, Surgical, and Endoluminal Procedures for Gastroesophageal Reflux Disease. Podium presentation at the American College of Surgeons conference in Washington, DC, Oct. 6-10, 2013
• Personality differences between surgeons and non-surgeons at different career points. Podium presentation at the International Conference on Residency Education in Calgary, Canada, September 26-28, 2013
• Multivariate analysis of risk factors for wound infection after laparoscopic colorectal surgery. Podium presentation at SAGES in Baltimore, MD, April 17-20, 2013
• Intra-operative biliary mapping during laparoscopic cholecystectomy using indocyanine green and near infrared fluorescent cholangiography. Podium presentation at SAGES in Baltimore, MD, April 17-20, 2013
• Reinforcement of midline laparotomies with bioabsorbable mesh: implications on wound healing and infection. Poster presentation at SAGES in Baltimore, MD, April 17-20, 2013.
• Porcine wet lab improves surgical skills in third year medical students. Podium presentation at the Academic Surgical Congress in New Orleans, LA, February 5-7, 2013

(Continued on next page)
Publications Accepted While at Ohio State


Research Grants Awarded While at OSU


Occupation Upon Completion of Program

Continue general surgery residency, The Ohio State University

Program Director’s Comments

Dr. Joseph Drosdeck fulfilled all requirements for the Master of Medical Science degree and completed one year of research working with Dr. Scott Melvin and the CMIS and General Surgery faculty. He gained experience with preparation of IRB approved protocols for clinical research projects. In addition to clinical research, Joe was active in educational research to evaluate the efficacy of surgical skills training techniques for medical students. He gained ample experience presenting research accepted for podium presentations at national meetings including the 2013 Academic Surgical Congress in New Orleans, Louisiana, the 2013 SAGES meeting in Baltimore, Maryland, the 2013 American College of Surgeons meeting in Washington, D.C., and the 2013 International Conference on Residency Education in Calgary, Canada. He has two first author publications, one analyzing risk factors for wound infection after laparoscopic colorectal surgery and one reporting the benefits of porcine wet lab to enhance surgical skills in third year medical students. Joe also published an interesting study on personality differences between surgeons and non-surgeons at different career points which was accepted for publication in the *Journal of Graduate Medical Education*. These experiences prepare him with a diverse skill set to pursue future clinical and surgery education research.
Ashraf El-Hinnawi, MD

**Program**
Transplant Surgery Fellowship, July 1, 2013 – June 30, 2014

**Place of Birth**
Seattle, Washington

**Medical Degree**
MD, Jordan University of Science and Technology, Irbid, Jordan, 2003

**Other Training**
Abdominal transplant surgery fellowship, University of Miami, Miami, FL, 2013

**Specialty Interests**
Pancreas transplantation

**Research Interests**
Clinical outcomes in pancreas transplantation

**Honors and Awards While at Ohio State**
- Silver award, Annual Presidential Symposium, Columbus Surgical Society, March 2014
- 2014 Inaugural Resident Inductee into Courage to Teach, recognizing teaching excellence that reflects a humanistic approach to teaching and learning

**Abstracts Accepted While at Ohio State**
- Pediatric Donors for Simultaneous Pancreas-Kidney Transplant. Annual Presidential Symposium, Columbus Surgical Society, 2014

**Occupation Upon Completion of Program**
Assistant Professor of Clinical Surgery, Division of Transplant Surgery, The Ohio State University Wexner Medical Center, Columbus, OH

**Program Director’s Comments**
Dr. Ashraf El-Hinnawi is a technically talented surgeon who provides exemplary patient care. He has shown himself to be an excellent teacher to the residents and students, and even in the busiest times, he is calm, cool and collected. We are very pleased that we will add his many talents (and zany sense of humor) to the Transplant Team!
Michelle M. Fillion, MD, MS

**Program**
Surgical Oncology Fellowship, July 1, 2012 – June 30, 2014

**Place of Birth**
Toledo, Ohio

**Undergraduate Degree**
BS, *Cum Laude*, The Ohio State University, Columbus, OH, 2003

**Medical Degree**
MD, University of Cincinnati College of Medicine, Cincinnati, OH, 2007

**Other Training**
- General surgery residency, University of Tennessee Graduate School of Medicine, Knoxville, TN, 2012
- Master of Medical Science, The Ohio State University, Columbus, OH, 2014

**Specialty Interests**
General surgical oncology: breast cancer, melanoma, soft tissue sarcoma, endocrine, HPB, complex GI malignancies

**Research Interests**
Clinical & quality outcomes research in breast cancer, health policy

**Honors and Awards While at Ohio State**
Kristen Ann Carr Traveling Fellow, New England Oncology Symposium, Roger Williams Medical Center, Providence, RI, April 2014

**Boards**
American Board of Surgery-board certified in general surgery, 2013

**Abstracts Accepted While at Ohio State**
- Interesting Case: 31 yo Male with Abdominal Pain and Reflux (Zollinger-Ellison Syndrome in MEN-1 patient). Oral presentation, Society of Surgical Oncology, Phoenix, AZ, March 2014
- Practice Habits Changed After the Results of the American College of Surgeons Oncology Group (ACOSOG Z0011) Trial. Poster presentation, American College of Surgeons Clinical Congress, Washington, DC, October 2013
- Practice Habits Changed After the Publication of ACOSOG Z0011 Trial. Oral Presentation, Columbus Surgical Society, Columbus, OH, March 2013

**Occupation Upon Completion of Program**
Assistant Professor of Surgery, University of North Carolina at Chapel Hill
University Surgeons-SEAHEC at New Hanover Regional Medical Center, Wilmington, NC

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Program Director's Comments
Dr. Michelle Fillon returned to her home state of Ohio after completing her General Surgery training in Tennessee. She arrived with excellent surgical skills allowing her to quickly master complex oncologic operations. Michelle’s outgoing, friendly personality coupled with her understanding of oncologic principles has made for a natural fit in a multidisciplinary environment. While at OSU she has presented at national meetings and has completed an important manuscript on how a landmark trial in breast cancer surgery has been incorporated into an academic practice. She obtained her Master of Medical Science and became a new mother along the way. Her research project was mentored by Dr. Doreen Agnese and focused on an institutional analysis of surgical approaches for breast conservation surgery (rate of intraoperative frozen section and axillary lymph node dissection) at OSU after the publication of the American College of Surgeons Oncology Group (ACOSOG) Z0011 Trial results in the Journal of American Medical Association (2011). Her masters exam presentation generated a vigorous discussion and her results are in preparation for publication. Michelle will be missed once she leaves us for North Carolina where she will be practicing general surgical oncology.
Ramy H. Fouad, MD

Program
Surgery Critical Care Fellowship, July 1, 2013 – June 30, 2014

Place of Birth
Cairo, Egypt

Medical Degree
MD, Faculty of Medicine, Ain Shams University, Cairo, Egypt, 2004

Other Training
• General surgery residency, PGY 3-5, Riverside Methodist Hospital, Columbus, OH, 2013
• General surgery residency, PGY2, NYMC Sound Shore Hospital, New Rochelle, NY, 2010
• General surgery residency, PGY1, Cleveland Clinic, Cleveland, OH, 2008
• General surgery residency, Ministry of Health Hospital, Cairo, Egypt, 2007
• General surgery residency, Egyptian Military Service, Egyptian Army Training Hospitals, 2006

Occupation Upon Completion of Program
Surgical Oncology Fellowship, Mount Sinai School of Medicine, New York, NY

Program Director’s Comments
Dr. Ramy Fouad was born in Cairo, Egypt where he attended medical school at Ain Shams University. He did several years of post-graduate training in Egypt before coming to the United States as a research fellow at the Bariatric and Advanced Laparoscopy Institute at the Cleveland Clinic Foundation. Following that year, he did his general surgery internship at the Cleveland Clinic, his second year of training at the New York Medical College Sound Shore Hospital, and then completed his residency at Riverside Methodist Hospital here in Columbus. For those of you who are not aware of what international medical graduates go through to achieve their dreams of being a physician in the United States, Ramy is a good example. He has shown perseverance and desire in his pursuit of a surgical career. Since coming to our Surgical Critical Care fellowship, Ramy has done an outstanding job. He has great leadership skills and his clinical abilities are superb. I have probably worked as much with him in his acute care surgery electives as in the SICU. He is an extremely talented surgeon who carefully works his way through very complex situations to get to the proper treatment plan. Despite all of my efforts to talk Ramy into a career in acute care surgery, he is going to move on to a surgical oncology fellowship.
Justin T. Huntington, MD, MS

Program
Master of Medical Science, July 1, 2012 – May 4, 2014

Place of Birth
Dayton, Ohio

Undergraduate Degree
BA, Miami University, Oxford, OH, 2006

Medical Degree
MD, The Ohio State University College of Medicine, Columbus, OH, 2010

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2014

Specialty Interests
Surgical Oncology, minimally Invasive Surgery

Research Interests
Hepatocellular carcinoma, foregut malignancies

Honors and Awards While at Ohio State
• Author and Key Personnel of IRB “E2F levels as Prognostic Indicator, Role in Patients with Hepatocellular Carcinoma (HCC), and Similarities to Established Rodent Models for HCC.” The Ohio State University Wexner Medical Center and James Cancer Hospital, 2013. OSU-13209, protocol 2013C0124
• Intern of the Year Award – The Ohio State University College of Medicine, Department of Surgery, Columbus, Ohio, June 2011
• Cum laude – The Ohio State University College of Medicine, Columbus, Ohio, June 3, 2010
• The Zollinger Award – Top Department of Surgery honors award and scholarship presented at the Honors Convocation by the Department of Surgery and “Friends, colleagues, and former students in memory of Robert M. Zollinger, MD”, Columbus, Ohio, June 3, 2010
• The Department of Anatomy Award – Presented at the Honors Convocation by the Department of Anatomy, Columbus, Ohio, June 3, 2010
• Outstanding Academic Merit Scholarship, awarded for top 25% cumulative academic class standing, The Ohio State University College of Medicine, Columbus, Ohio, September 2009

Abstracts Accepted While at Ohio State
• Huntington JT, Schmidt CR, Leone G. Role of E2f8 in tumor progression, initiation, and ploidy in hepatocellular carcinoma using a Tamoxifen-inducible Sa-Cre murine model. Poster presentation at the 13th Annual Ohio State University Wexner Medical Center Trainee Research Day, Columbus, Ohio, April 10, 2014

(Continued on next page)
• Huntington JT, Schmidt CR, Leone G. Role of E2f8 in tumor progression, initiation, and ploidy in hepatocellular carcinoma using a Tamoxifen-inducible Sa-Cre murine model. Podium presentation at the Columbus Surgical Society Symposium, Columbus, Ohio, March 1, 2014
• Huntington JT, Torrent D, Bloomston PM The Social Security Death Index (SSDI) most accurately reflects true survival for oncology patients. Poster presentation at the 12th Annual Ohio State University Wexner Medical Center Trainee Research Day. Columbus, Ohio, April 2013
• Huntington JT, Torrent D, Bloomston PM The Social Security Death Index (SSDI) most accurately reflects true survival for oncology patients. Podium presentation at the Columbus Surgical Society Symposium. Columbus, Ohio, March 2013

Publications Accepted While at Ohio State
• Huntington JT, Schmidt CR, Leone G. What is known about E2F and polyploidy in human hepatocellular carcinoma (HCC) and liver disease?: A literature review. In process, will be submitted to Journal of Cellular Physiology (Preliminarily accepted).

Research Grants Awarded While at OSU
Recipient of T32 training grant under the Albert de la Chapelle “Cancer Genetics” T32 (July 2012-June 2014), full salary/stipend

Occupation Upon Completion of Program
Continue general surgery residency, The Ohio State University

Program Director’s Comments
Dr. Justin Huntington fulfilled all requirements for the Master of Medical Science degree and completed two years of research working in the basic science laboratory of Gustavo Leone, PhD, Professor in the COM Department of Molecular Virology, Immunology and Medical Genetics. He was co-mentored by both Dr. Leone and Dr. Carl Schmidt in the Division of Surgical Oncology to pursue a research project investigating the role of E2F 7 and E2F 8 transcription factors on hepatocellular carcinogenesis. Justin’s basic science research mentor is a renowned expert in the Ras pathway coordinating cell growth and cell death signals elicited by the E2F and Myc transcription programs. Justin took on a challenging research project and made excellent progress resulting in several presentations and a first-authored manuscript in review. He presented a poster on this project at the 2014 COM Trainee Research Day and won a $1,000 travel award for his excellent presentation. He also wrote an approved IRB protocol to study the role of “E2F levels as Prognostic Indicator in HCC patients.” During this time he also participated in clinical research projects resulting in two first-authored publications and another in submission. Through this research experience Justin has gained substantial expertise in hepatocellular carcinoma and liver disease. His training was supported by an NIH T32 “Cancer Genetics” training grant.
Nikhil P. Jaik, MBBS

Program
Cardiothoracic Surgery Fellowship, July 1, 2012 – June 30, 2014

Place of Birth
Trichi, India

Medical Degree
MBBS, Sri Ramachandra Medical College and Research Institute, Chennai, India, 2003

Other Training
General surgery residency, St. Luke’s Hospital, Bethlehem, PA, 2010

Specialty Interests
Minimally invasive cardiac surgery

Research Interests
Cardiac and thoracic surgery outcomes and quality initiatives

Honors and Awards While at Ohio State
Finalist, poster competition, Society of Thoracic Surgery, 2013

Abstracts Accepted While at OSU
• Jaik NP, Sirak J. Cost Comparison of Thoracoscopic MAZE and Catheter Ablation in the treatment of Persistent Atrial Fibrillation. AATS Annual Meeting, Toronto, ON, Canada, April 27-30, 2014

Publications While at Ohio State

(Continued on next page)
Occupation Upon Completion of Program
To be determined

Program Director’s Comments
Dr. Nikhil Jaik is a highly motivated, intelligent, hardworking resident who joined us from Vanderbilt University. During his time in Columbus, Nikhil has been a wonderful addition to our training program. He is an excellent physician and extremely productive resident. He has written and presented a number of papers at national meetings. Nikhil is one of the brightest fellows we have had at OSU, scoring in the 98% percentile of all CT residents in the country on his service examinations. He will take his considerable patient care and academic skills to a teaching program where he can help to teach residents and fellows. We look forward to great things from Nikhil in the future. Congratulations on a job well done!
Eric A. Luedke, MD, MS

Program
General Surgery Residency, July 1, 2007 – June 30, 2014

Place of Birth
Milwaukee, Wisconsin

Undergraduate Degree
BS, Marquette University; Milwaukee, WI, 2003

Medical Degree
MD, Medical College of Wisconsin; Milwaukee, WI, 2007

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2012

Specialty Interests
Minimally invasive surgery

Research Interests
Surgical innovation

Honors and Awards while at Ohio State
• T32 Research Grant Recipient, 2010 – 2012
• Presidential Symposium Gold Award; The Columbus Surgical Society, 2012

Abstracts accepted while at Ohio State
• Luedke E, Karpa V, Carson WE III. Millennium 2238–proteasome inhibition is effective in malignant melanoma. 65th Annual Society of Surgical Oncology (SSO) Annual Cancer Symposium, Orlando, FL and The Ohio State University Comprehensive Cancer Center-James 14th Annual Scientific Meeting, Columbus, OH, 2012
• Luedke E, Jaime-Ramirez AC, Bhave N, Roda J, Carson WE III. Cetuximab therapy in head and neck cancer: immune modulation with natural killer cell activating cytokines. 7th Annual Academic Surgical Congress, Las Vegas, NV and The Columbus Surgical Society 2012 Presidential Symposium, Columbus, OH
• Luedke E, Coffey B, Miller S. Electrical burns and the development of PTSD and other psychological sequelae. OSUMC Trainee Research Day, Columbus, OH, 2011
• Luedke E, Jaime-Ramirez AC, Guenterberg KD, Tatum A, Kondadasula SV, Pan X, Tridandapani S and Carson WE III. IL-21 enhances the anti-tumor effects of cetuximab in pancreatic cancer cell lines. The Ohio State University Comprehensive Cancer Center-James 13th Annual Scientific Meeting, Columbus, OH, 2011

(Continued on next page)
Publications while at Ohio State

Research Grants Awarded While at OSU
T32 Research Grant- 2010-2012

Occupation Upon Completion of Program
Bariatric/Minimally Invasive Surgery Fellowship; Stanford University; Palo Alto, CA

Program Director’s Comments
Dr. Eric Luedke’s calm demeanor has been a steadying presence in the residency program. He has excelled during his time here in clinical and academic work, spending two years in additional laboratory training in surgical oncology. Eric has chosen to pursue a career in minimal invasive surgery. As a result of his high achievement, he was rewarded with a match into the prestigious MIS program at Stanford University where he will be a fellow next year.
Michael P. Meara, MD, MBA

Program
Advanced Therapeutic Endoscopy & Gastrointestinal Surgery Fellowship, July 1, 2013 – June 30, 2014

Place of Birth
Enid, Oklahoma

Undergraduate Degree
BS, Washington University in St. Louis, St. Louis, MO, 2003

Medical Degree
MD, University of Oklahoma College of Medicine, Oklahoma City/Tulsa, OK, 2007

Other Training
• MBA, East Carolina University College of Business, Greenville, NC, 2010
• General surgery residency, East Carolina University, Brody School of Medicine at Vidant Medical Center, Greenville, NC, 2012

Specialty Interests
Advanced therapeutic endoscopy and minimally invasive surgery

Research Interests
Advanced therapeutic endoscopy and minimally invasive surgery

Abstracts Accepted While at OSU

Publications While at Ohio State
• Narula V, Meara MP. Patient and Family Involvement in Maintaining the Culture of Safety, in Essentials of Patient Safety in Medicine and Surgery, 1st Edition, Stawicki S. In press

Occupation Upon Completion of Program
Assistant Professor of Surgery, Division of General & Gastrointestinal Surgery, The Ohio State University Wexner Medical Center, Columbus, OH

(Continued on next page)
Program Director’s Comments
Dr. Michael Meara was an active member of our minimally invasive surgical team, completing more than 700 cases and advanced endoscopic procedures including ERCP. He is a diligent clinician representing what a minimally invasive surgeon should aspire to become while caring for their patients. Michael was an active participant in our educational conferences and training programs. He was an excellent member of our team and we are excited that he will be joining the faculty in the Division of General & GI Surgery following fellowship.
Nicolas J. Mouawad, MD, MPH, MBA

Program
Vascular Surgery Fellowship, July 1, 2012 – June 30, 2014

Place of Birth
Beirut, Lebanon

Undergraduate Degree
BS, McGill University, Montreal, Quebec, Canada, 2000

Medical Degree
MD, The Royal College of Surgeons in Ireland, Dublin, Republic of Ireland, 2005

Other Training
• Master in Business Administration (MBA), Benedictine University, Lisle, IL, 2011
• Master in Public Health (MPH), Benedictine University, Lisle, IL, 2011

Specialty Interests
Thoracoabdominal and abdominal aortic aneurysms, cerebrovascular atherosclerotic disease, non-invasive vascular imaging

Research Interests
Thoracic outlet syndrome, health quality and clinical outcomes analysis

Honors and Awards while at Ohio State
• Society for Vascular Surgery Health Advocacy Travel Scholarship
• American College of Surgeons Leadership and Advocacy Resident Grant

Abstracts Accepted While at Ohio State
• Mouawad NJ, Go MR, Haurani MJ, Moseley M, Satiani B. Elimination of medically unnecessary duplex venous scanning based upon an established algorithm can result in significant cost savings under Medicare for the institution and the taxpayer. Presented at the 42nd Annual Symposium of the Society for Clinical Vascular Surgery in Carlsbad, CA, March 2014
• Mouawad NJ, Haurani MJ. Combined Long-Standing Arterial and Venous Insufficiency with Associated Pelvic Arteriovenous Fistula. Presented at the 59th Annual Meeting of the Frederick A. Coller Surgical Society in Ann Arbor, MI, October 2013

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Publications While at Ohio State
• Mouawad NJ, Go MR, Haurani MJ, Moseley M, Satiani B. Elimination of medically unnecessary duplex venous scanning based upon an established algorithm can result in significant cost savings under Medicare for the institution and the taxpayer. Submitted to Journal of Vascular Surgery

Occupation Upon Completion of Program
Staff Vascular Surgeon, Bay Heart & Vascular, Bay City, MI

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Program Director’s Comments
It has been a pleasure to have had Dr. Nicolas Mouawad as our vascular fellow during the past two years. He came to us from Ann Arbor, so we were all a little nervous to see what we were getting. Fortunately he trained at St Joseph’s Hospital rather than the University of Michigan and did not require any cerebral reconditioning. Nicolas has been an outstanding role model for our trainees and is a consummate gentleman. He has had five regional or national presentations, three manuscripts published and four more awaiting decision, and two short reports indexed on Pubmed. It has been an absolute joy to work with Nic and we will miss him.
I am proud to say that he is going into practice in Michigan with last year’s graduate, Dr. Axel Thors, and I expect that he will have a major positive impact on that growing practice. We wish him the very best as he carries the OSU banner!
Shawn D. Nichols, MD, MS

Program
Surgical Oncology Fellowship, July 1, 2012 – June 30, 2014

Place of Birth
Irving, Texas

Undergraduate Degree
BS, Texas Tech University, Lubbock, TX, 1995

Medical Degree
MD, University of Texas Medical Branch, Galveston, TX, 2002

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2014

Specialty Interests
Endocrine, hepatic and gastric malignancies

Research Interests
Identification and localization of tumors; novel hemostatic agents

Honors and Awards while at Ohio State
Kristen Carr Traveling Fellowship for 2014 New England Oncology Symposium

Abstracts Accepted While at Ohio State
• Hall N, James I, Povoski S, Nichols SD, Wright C, Hitchcock C, Martin E, Jr., Ellison EC. Intraoperative utilization of a portable large field of view gamma camera and hand-held gamma detection probe for radioguided localization and prediction of complete surgical resection of gastrinoma. Poster presentation at Computer Assisted Radiology and Surgery (CARS), Fukuoka, Japan., 2014

(Continued on next page)
• Terando AM, Hall NC, Povoski SP, Phay JE, Nichols SD, Wright CL, Martin EW, Jr. Intraoperative Utilization of a Portable Large Field of View Gamma Camera for Improved Radioguided Surgery. Poster presentation at SSO Annual Meeting, Phoenix, AZ, 2014

• Povoski SP, Hall NC, Douglas A. Murrey DA, Jr., Nichols SD, Wright CL, Martin EW, Jr. Feasibility of 18FDG-Directed Lymph Node Surgical Excisional Biopsy for Appropriate Diagnostic Tissue Sampling in Patients with Suspected Lymphoma. Poster presentation at SSO Annual Meeting, Phoenix, AZ, 2014

• Nichols SD, James IAO, Hall NC, Povoski SP, Wright CL, Hitchcock CL, Martin EW, Jr., Ellison EC. Intraoperative Utilization of a Portable Large Field of View Gamma Camera and Handheld Gamma Detection Probe for Radioguided Localization and Prediction of Complete Surgical Resection of Gastrinoma. Poster presentation at The Ohio State University Annual Scientific Meeting, Columbus, OH, 2014

• Chapman GJ, Lee R, Martin EW, Jr., Hall NC, Povoski SP, Wright C, Nichols SD. High Energy Gamma Detection and Imaging for Minimally Invasive Surgery. Poster presentation at The Ohio State University Annual Scientific Meeting, Columbus, OH, 2014

• Nichols SD, Schmidt CR, Martin EW, Jr, Muscarella P, II, Melvin WS, Ellison EC, Bloomston M. Hepatectomy for benign pathology in 111 patients at a single tertiary care institution. Poster presentation at the AHPBA Annual Meeting, Miami, FL, 2013


Publications Accepted While at Ohio State


Occupation Upon Completion of Program

United State Air Force surgeon, San Antonio, TX

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Program Director’s Comments
Dr. Shawn Nichols joined us having already completed his General Surgery training and while serving as an attending in the US Air Force. With that, he came in as a polished surgeon with a calmness and maturity that extended well beyond his years. He quickly espoused the concepts of multidisciplinary oncology and mastered the associated operations. He has a natural knack for education and has been very giving of his time to residents and medical students. He has academic aspirations and completed all of the requirements necessary to complete training at OSU with a Master of Medical Science degree. He pursued several clinical research projects and was mentored by Dr. Edward Martin, Jr., Professor of Surgery in the Division of Surgical Oncology. Preliminary results generated on one of the projects to develop new hemostatic products with potential for in-field military application will be continued as he moves forward with his clinical career at the Brooke Army Medical Center (BAMC), also known as the Flagship of Army Medicine. Perhaps his most important characteristic is that of a loving husband and father of four children. Dr. Nichols will be returning to his post in the USAF to provide top notch cancer care to our military personnel.
Kathryn L. O’Keefe, MD

Program
Cardiothoracic Surgery Fellowship, July 1, 2012 – June 30, 2014

Place of Birth
Cleveland, Ohio

Undergraduate Degree
BA, Case Western Reserve University, Cleveland, OH, 2003

Medical Degree
MD, University of Toledo College of Medicine, Toledo, OH, 2007

Other Training
General surgery residency, Grand Rapids Medical Education Partners/Michigan State University, Grand Rapids, MI, 2012

Specialty Interests
Cardiothoracic Surgery

Honors and Awards while at Ohio State
“Robyn D. Howson Housestaff Humanism Award,” Ohio State University Wexner Medical Center, Columbus, OH, June 2013

Abstracts Accepted While at Ohio State

Publications Accepted While at Ohio State
• O’Keefe K. Pulmonary Artery Pressure Changes Differentially Effect Survival in Lung Transplant Patients with COPD and Pulmonary Hypertension” Accepted to *Experimental and Clinical Transplantation*, 2014. In press

Occupation Upon Completion of Program
Cardiothoracic surgeon, TriHealth Heart Institute, Cincinnati, OH

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Program Director's Comments
Dr. Kathryn O'Keefe came to us from Michigan State University. She distinguished herself from the first day as a highly motivated, eager to learn and enthusiastic individual. It was obvious from the beginning that she was not only doing a fellowship but that she was also enjoying her experience, having fun in the process. “Another case?... let’s do it!!!” Katie has developed into a very competent cardiothoracic surgeon. Her surgical skills, clinical judgment, and patient management are superb. She has been one of the best fellows we have ever trained. As mentors and now as colleagues, we are proud of her achievements. Katie will practice cardiothoracic surgery in a private practice group in Cincinnati. We look forward to her continued success in the future.
Laura A. Peterson, MD, MS

Program
General Surgery Residency, July 1, 2008 – June 30, 2014

Place of Birth
Chicago, Illinois

Undergraduate Degree
BS, University of Wisconsin, Madison, WI, 2004

Medical Degree
MD, University of Wisconsin School of Medicine and Public Health, Madison, WI, 2008

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2011

Specialty Interests
Lower extremity bypass and extra-anatomic bypass

Research Interests
Wound healing in vascular surgery patients

Honors and Awards While at Ohio State
• Outstanding Contributions to the Department of Emergency Medicine, The Ohio State University, Columbus, OH, 2013
• King Research Award, Department of Surgery, The Ohio State University, Columbus OH, 2010

Abstracts Accepted While at Ohio State
• Drosdeck J, Bansal S, Peterson LA, Arnold M, Harzman A, Muscarella P, Ellison EC. A personality trait analysis of surgeons and nonsurgeons at different career points. The International Conference on Residency Education, Calgary, Canada, 2013
• Peterson LA, Heigel H, Rink C. Deep vein thrombosis: clot size and resolution. OSU T2C Wound Healing Conference, Columbus, OH, 2011
• Rink C, Roy S, Peterson LA, Khanna S. Janus face of glutamate in the brain: the glucose- and oxygen- dependent role reversal from neurotoxin to neuroprotectant. OSU-T2C Wound Healing Conference, Columbus, OH, 2011

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Publications Accepted While at Ohio State
• Rink C, Gnyawali S, Peterson L, Khanna S. Oxygen-inducible glutamate oxaloacetate transaminase as protective switch transforming neurotoxic glutamate to metabolic fuel during acute ischemic stroke. Antioxid Redox Signal. 2011 May 15;14(10):1777-85

Occupation Upon Completion of Program
Vascular Surgery Fellowship, Wake Forest University, Winston-Salem, NC

Program Director’s Comments
Dr. Laura Peterson’s dynamic personality and high energy make her a pleasure to work with. During her residency, in addition to five years of clinical training, she achieved a master of medical science degree studying vascular disease and stroke. Laura’s dream is to become a vascular surgeon and she has matched into a fellowship in vascular surgery at Wake Forest University.
Thomas A. Pham, MD, MS

**Program**
General Surgery Residency, July 1, 2007 – June 30, 2014

**Place of Birth**
Toledo, Ohio

**Undergraduate Degree**
BS, The Ohio State University, Columbus, OH, 2003

**Medical Degree**
MD, The University of Cincinnati, Cincinnati, OH, 2007

**Other Training**
Master of Medical Science, The Ohio State University, Columbus, OH, 2011

**Specialty Interests**
Abdominal transplantation

**Research Interests**
Transplant immunology

**Honors and Awards While at Ohio State**
- Arnold P. Gold Humanism in Medicine Award, April 2013
- Emerging Liver Scholar Award, American Association for the Study Of Liver Diseases (AASLD), July 2012
- Outstanding Surgery Resident Award, Columbus Surgical Society, June 2012
- Resident of the Year Award, Department of Pediatric Surgery, Nationwide Children’s Hospital, Columbus OH, June 2012
- 10th annual OSU Trainee Research Day Presentation Award, April 2011
- Resident Research Presentation Award, Department of Surgery Research Conference, June 2010
- Folkert Belzer MD Research Award, The National Kidney Foundation, American Society of Transplant Surgeons, June 2009
- James King Research Award, OSU Department of Surgery, June 2009

**Abstracts Accepted While at OSU**
- Pham T, Zimmerer JM, Sanders VM, Bumgardner GL. Cytotoxic CD8+ T cells Utilize FasL and Perforin to Downregulate Post-Transplant Alloantibody Production. Quickshot presentation, 7th Annual Academic Surgical Congress, Las Vegas, NV, February 16, 2012
- Pham T, Zimmerer JM, King LE, Erve SS, Sanders VM, Bumgardner GL. IL-4 dependent, IgG1-dominant Antibody Production is Regulated by CD8+ T cells in a Transplant Model. Oral presentation, American College of Surgery 96th Annual Clinical Congress, Scientific Papers Session, Washington DC, October 6, 2010

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• Pham T, Zimmerer JM, Sanders VM, Bumgardner GL. CD8+ T Cells Negatively Regulate IL-4 dependent, IgG1 dominant Post-transplant Alloantibody Production. Poster presentation, Great Lakes Transplant Immunology Forum, Chicago, IL, September 16, 2010


• Pham T, Zimmerer JM, Sanders VM, Bumgardner GL. Disparate Alloantibody Profiles following Liver Parenchymal Cell Allograft Transplantation in the Presence or Absence of Recipient CD8+ T cells. Poster presentation, Great Lakes Transplant Immunology Forum, Cleveland, OH, October 22, 2009

Publications While at Ohio State

• Zimmerer JM, Horne PH, Fiessenger LA, Fisher MG, Pham TA, Saklayen SL, Bumgardner GL. Cytotoxic effector functions of CD4 independent CD8+ T cells is mediated by TNF-α/ TNFR. Transplantation. 2012. 94(11):1103-10


Occupation Upon Completion of Program
Abdominal Transplant Fellowship; Stanford University; Palo Alto, CA

Program Director’s Comments
Dr. Thomas Pham’s humble beginnings in the Department of Surgery started as an undergraduate in the Transplant Lab of Dr. Bumgardner. After medical school, he matched into our residency. During his seven years with us, Tom continued his work in Transplant, earning a master’s degree and obtaining an American Society of Transplant Surgeons grant. He also served as administrative chief resident during his chief year. Tom has matched into the prestigious transplant fellowship at Stanford University where he will be continuing his training to become an academic transplant surgeon.
Robert L. Plews, MD, MS

Program
Master of Medical Science, July 1, 2012 – June 30, 2014

Place of Birth
New Port Richey, Florida

Undergraduate Degree
BS, University of South Florida Tampa, FL, 2006

Medical Degree
MD, University of South Florida College of Medicine Tampa, FL, 2010

Other Training
Master of Medical Science, The Ohio State University, Columbus, OH, 2014

Specialty Interests
Endocrine surgery

Research Interests
Endocrine tumor biology and metabolism

Honors and Awards While at Ohio State
• First place oral presentation, The Columbus Surgical Society 24th Annual Presidential Symposium, Columbus, OH, 2013
• Travel award for outstanding poster presentation, The 12th Annual OSUWMC Trainee Research Day, Columbus, OH, 2013
• First place Basic Science oral presentation, Ohio Chapter of the American College of Surgeons Annual Meeting, Columbus, OH, 2013

Abstracts Accepted While at OSU
• Real-Time Intraoperative Sestamibi Imaging as an Adjunct to Minimally Invasive Parathyroidectomy for Primary Hyperparathyroidism. Poster presentation, OSU Department of Surgery Research Conference, May 16, 2014
• A Novel AMPK Activator Inhibits Thyroid Cancer Cell Growth. Poster presentation, OSUCCC - James 15th Annual Scientific Meeting, Columbus, OH, April 26, 2014
• Real-Time Intraoperative Sestamibi Imaging as an Adjunct to Minimally Invasive Parathyroidectomy for Primary Hyperparathyroidism, Quick shot oral presentation, Academic Surgical Congress San Diego, CA, February 4, 2014
• A Novel AMPK Activator Inhibits Thyroid Cancer Cell Growth. Oral presentation, OSU Department of Surgery research conference, Columbus, OH, May 23, 2013

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• A Novel AMPK Activator Inhibits Thyroid Cancer Cell Growth. Oral presentation, Ohio Chapter of the American College of Surgeons Annual Meeting, Columbus, OH, May 21, 2013
• A Novel AMPK Activator Inhibits Thyroid Cancer Cell Growth. Poster presentation, The American Association of Endocrine Surgeons National meeting, Chicago, IL, April 16, 2013
• A Novel AMPK Activator Inhibits Thyroid Cancer Cell Growth. Poster presentation, The 12th Annual OSUWMC Trainee Research Day, April 11, 2013

Publications While at Ohio State

Research Grants Awarded While at OSU
T32 Research Grant - CA090223-07

Occupation Upon Completion of Program
Continue general surgery residency, The Ohio State University

Program Director’s Comments
Dr. Robert Plews fulfilled all requirements for the Master of Medical Science degree and completed two years of research training working with Dr. John Phay in the Division of Surgical Oncology. Rob investigated the efficacy of a new compound discovered at OSU (OSU-53) for the treatment of thyroid carcinoma. In the course of these studies he found unexpected results and identified that these results were attributable to novel effects of OSU-53- not previously appreciated. He has a first author manuscript reporting these findings which has been submitted for publication in the Journal of Clinical Endocrinology and Metabolism (JCEM). Rob gained ample experience presenting scientific work including oral presentations at the 2013 Ohio Chapter of the American College of Surgeons Annual Meeting, the 24th Annual Presidential Symposium of the Columbus Surgical Society (2013) and the 2014 Academic Surgical Congress in San Diego, CA. He won first place at both the Columbus Surgical Society Symposium and the Ohio Chapter ACS Annual Meeting. In addition, Rob won a travel award at the 2013 COM Trainee Research Day poster presentation competition. Through this research experience Rob has gained substantial expertise in thyroid cancer and testing novel experimental therapeutics to treat this disease. His training was supported by an NIH T32 “Tumor Immunology” training grant.
Ricardo O. Quarrie, MD, MS

**Program**
General Surgery Residency, July 1, 2007 – June 30, 2014

**Place of Birth**
Kingston, Jamaica

**Undergraduate Degree**
BS, Florida State University, Tallahassee FL, 2003

**Medical Degree**
MD, The Ohio State University College of Medicine, Columbus, OH, 2007

**Other Training**
Master of Medical Science, The Ohio State University, Columbus, OH, 2011

**Specialty Interests**
Cardiac transplantation and assist devices

**Research Interests**
Cardiac ischemia reperfusion injury

**Honors and Awards While at Ohio State**
• First Place Award, Clinical Fellow Category, The Annual Dorothy Davis Heart and Lung Research Institute Research Day, October 2009
• University Fellowship for study in Medical Science awarded by the Ohio State University Graduate School, April, 2009

**Abstracts Accepted While at Ohio State**
• Quarrie R, Lee DS, Erdahl W, Pfeiffer DR, Zweier JL, Crestanello JA. The Paradoxical Effect of Ischemia-Reperfusion on Mitochondrial Membrane Potential and Reactive Oxygen Species Production. Poster presentation, the American College of Surgeons 96th Annual Clinical Congress, Washington DC, October 5th, 2010

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Publications Accepted While at OSU
• Quarrie R, Stawicki SP. Portal vein thrombosis: What surgeons need to know. Opus 12 Scientist 2008; 2 (3): 30-33

Occupation Upon Completion of Program
Fellowship in Cardiothoracic Surgery, Yale New Haven Medical Center, New Haven, CT

Program Director’s Comments
Dr. Ricardo Quarrie’s interest in cardiac surgery started as a medical student at OSU. During his residency, he has continued that interest, working in the cardiac lab of Dr. Crestanello, and obtaining a master of medical science degree. Ricardo’s reliable presence, strong work ethic, and high achievement have made him a pillar in the program and have resulted in his obtaining a position at Yale University as a fellow in cardiothoracic surgery.
Mehul V. Raval, MD, MS

Program
Pediatric Surgery Fellowship, July 1, 2012 – June 30, 2014

Place of Birth
Ottawa, Ontario, Canada

Undergraduate Degree
BS, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2000

Medical Degree
Wake Forest University School of Medicine, Winston-Salem, NC, 2005

Other Training
• General surgery residency, Northwestern University McGaw Medical Center, Chicago, IL, 2012
• MS, Northwestern University, Chicago, IL 2010

Specialty Interests
Neonatal surgery, endocrine surgery, surgical oncology

Research Interests
Quality improvement, safety, outcomes, cost-effectiveness, health-services research.

Honors and Awards While at Ohio State
• Ad Hoc Reviewer: Annals of Surgery; Journal of Pediatric Surgery; Journal of the American College of Surgeons; Journal of the American Medical Association; Pediatrics; Pediatrics International
• American College of Surgeons - Resident and Associate Society:
  Executive Committee At-Large Member – 2011-2014
  Advisory Council to Pediatric Surgery– 2011-2014

Abstracts Accepted While at Ohio State
• Sulkowski JP, Asti L, Cooper JN, Kenney BD, Raval MV, Rangel SJ, Deans KJ, Minneci PC. Morbidity Associated with Use of Peripherally Inserted Central Catheters in the Postoperative Management of Complicated Appendicitis in Children. 9th Annual Academic Surgical Congress, San Diego, CA; February 2014
• Deans KJ, Minneci PC, Cooper JN, Raval MV, Rangel SJ, Moss RL. Enhancing NSQIP-Peds through integration with the Pediatric Health Information System. 44th Annual American Pediatric Surgical Association Meeting, Marco Island, FL; May, 2013

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Publications Accepted While at OSU


• Matthews MAB, Raval MV, Watkins DJ, King D. Diagnosis and management of an ovarian cyst complicated by torsion in utero: A case report. Journal of Pediatric Surgery Case Reports. 2014

• Deans KJ, Cooper JN, Rangel SJ, Raval MV, Minneci PC, Moss RL. Enhancing NSQIP-Pediatric through integration with the Pediatric Health Information System. J Pediatr Surg. 2014 Jan; 49(1):207-12; discussion 212

• Raval MV, Moss RL. Current concepts in the surgical approach to necrotizing enterocolitis. Pathophysiology. 2013 Dec 18


• Raval MV, Moss RL. Surgical Necrotizing Enterocolitis: A Primer for the Neonatologist. Neoreviews 2013; 14; e393


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Occupation Upon Completion of Program
Assistant Professor in the Department of Surgery, Emory University School of Medicine, Children’s Healthcare of Atlanta, Atlanta, GA

Program Director’s Comments
Dr. Mehul Raval is joining the faculty in pediatric surgery at Children’s Healthcare of Atlanta and the Emory University School of Medicine in Atlanta, Georgia as an Assistant Professor of Surgery. Upon completion of his training, Mehul will have completed residencies in General Surgery and Pediatric Surgery, in addition to a master’s degree as a Clinical Scholar of the American College of Surgeons. Mehul is dedicated to surgical quality improvement, and is a wonderful educator. We are certain that he will make substantial and critically important contributions to the field of surgery throughout his entire career.
James A. Rydlewicz, MD

Program
Minimally Invasive & Bariatric Surgery Fellowship,
July 1, 2013 – June 30, 2014

Place of Birth
Milwaukee, Wisconsin

Undergraduate Degree
BS, Marquette University, Milwaukee, WI, 2002

Medical Degree
MD, Medical College of Wisconsin, Milwaukee, WI, 2006

Other Training
• General surgery residency, Medical College of Wisconsin Affiliated Hospitals, Milwaukee, WI, 2013
• Research Fellow, Children’s Hospital of Wisconsin, Milwaukee, WI, 2011

Specialty Interests
Minimally invasive surgery, bariatric surgery

Research Interests
Minimally invasive surgery

Abstracts Accepted While at OSU

Publications While at Ohio State
• Rydlewicz JA, Perry KP. Gastroesophageal Reflux Disease and Hiatal Hernia. ACS Surgery: Principles and Practice, 7th Edition, Ashley SW. In press
• Rydlewicz JA, Needleman BJ. Adjustable Gastric Banding – Indications, Procedure, Outcomes. Obesity Care and Bariatric Surgery, 1st Edition, Murayama KM. In press

Occupation Upon Completion of Program
Private Practice, General / Bariatric Surgery, Grafton Aurora Medical Center, Grafton, WI,

Program Director’s Comments
Dr. James Rydlewicz has had a very busy clinical year, completing more than 350 advanced laparoscopic surgeries and other procedures. In addition to his clinical responsibilities, he was very active in our training and educational programs. James was an outstanding member of our team and was appreciated by his residents, students and patients.
Jennifer S. Schwartz, MD

Program
General Surgery Residency, July 1, 2009 – June 30, 2014

Place of Birth
St. Louis Park, Minnesota

Undergraduate Degree
BS, Vanderbilt University, Nashville, TN, 2005

Medical Degree
MD, State University of New York Upstate Medical University, Syracuse, NY, 2009

Specialty Interests
Minimally invasive surgery

Research Interests
Bariatric surgery, surgical innovation

Abstracts Accepted While at OSU
• Noria S, Schwartz JS, Chaudry U, Mikami DJ, Needleman BJ. Pharmacotheraphy for the Treatment of Weight Loss Recidivism or Weight Loss Plateau Post Bariatric Surgery (in consideration for ASMBS)
• Schwartz JS, Meara MP, Hazey JW, Perry KA. Peroral Endoscopic Myotomy (POEM) Improves Patient Symptoms and Quality of Life. The Columbus Surgical Society 2014 Presedential Symposium, Columbus, OH
• Schwartz JS, Govindarajan B, Gerlach AT, Eiferman D, Cook CH, Justiniano C, Belum VR, Bergese S, Steinberg SM, Stawicki SPA, Evans DC. Appropriateness of Pre-Injury Warfarin Use in Older Trauma Patients. Ohio Committee on Trauma Resident Paper Competition, Dublin, OH, October 27, 2012

Publications While at Ohio State
• Schwartz JS, Strosberg DS, Renton DB. Chronic groin pain following anterior hernia surgery Eds: Jacob BP, Chen DC, Ramshaw B, Towfigh S. The SAGES Manual of Groin Pain. (In process)

Occupation Upon Completion of Program
Minimally Invasive Surgery Fellowship, The Ohio State University, Columbus, OH

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Program Director’s Comments
Dr. Jennifer Schwartz’ interest in surgery dates back to her days as a medical student at SUNY Upstate. Her strong work ethic and can-do attitude have made her a leader in the residency program. During her years of clinical training Jen has developed an interest in minimally invasive surgery and has worked hard to master those skills. We are delighted that she will be staying on at OSU as both a fellow in minimally invasive surgery and faculty member in the Division of General and Gastrointestinal Surgery. We look forward to continuing to work with her.
Lawrence A. Shirley, MD, MS

Program
Surgical Oncology Fellowship, July 1, 2011 – June 30, 2014

Place of Birth
Lexington, Kentucky

Undergraduate Degree
BA, Vanderbilt University, Nashville, TN, 2000

Medical Degree
MD, University of Kentucky College of Medicine, Lexington, KY, 2004

Other Training
• General surgery residency, Thomas Jefferson University Hospital, Philadelphia, PA, 2011
• Master in Medical Science, The Ohio State University, Columbus, OH, 2014

Specialty Interests
Surgical oncology, endocrine surgery

Research Interests
Development of novel therapeutics for pancreatic cancer and neuroendocrine tumors

Honors and Awards While at Ohio State
• Top abstract in trainee category (resident/clinical postdoctoral fellow), 13th Annual Ohio State University Wexner Medical Center Trainee Research Day, Columbus, OH, 2014
• 1st place award, Research Presentation, Columbus Surgical Society, 25th Annual Presidential Symposium, Columbus, OH, 2014

Abstracts Accepted While at OSU
• Shirley L, Yang MC, Chou CC, Estrada-Bernal A, Williams T, Bloomston M, Chen CS. A Novel AMP Kinase Activator Sensitizes Pancreatic Cancer to Radiation. The Ohio State University Wexner Medical Center 13th Annual Trainee Research Day, April 2014
• Shirley L, Swanson B, Frankel W, Saab T, Bloomston M, Chen CS. Integrin Linked Kinase is Upregulated in the Stroma of Pancreatic Cancer and Expression Patterns are Associated with Survival. Society of Surgical Oncology 67th Annual Cancer Symposium, March 2014

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• Shirley L, Kirschner L, Bloomston M, Phay J. “A pregnant woman with uncontrolled hypertension.” American Association of Endocrine Surgeons 34th Annual Meeting, Interesting Case Presentations, Chicago, IL, April 2013

• Shirley L, Henry J, Malhotra L, Bloomston M, Schmidt C. Comparison of microwave ablation and transcatheter arterial chemoembolization in the treatment of hepatocellular carcinoma. Columbus Surgical Society 18th Annual Presidential Symposium, Columbus, OH, March 2013

• Shirley L, Albert S, Bloomston M, Khabiri H, Schmidt C. An elevated neutrophil-to-lymphocyte ratio portends a poor prognosis in patients treated with microwave ablation for malignant liver tumors. Society of Surgical Oncology 66th Annual Cancer Symposium, March 2013


• Shirley L, Marsh C, Walker J, Coyle W, Marx H, Tahiri S, Moran Cruz C, Aguilar LK, Aguilar-Cordova E, Chung VM, Bloomston M. “Phase 1 trial of gene mediated cytotoxic immunotherapy combined with resection for pancreatic adenocarcinoma.” Columbus Surgical Society 17th Annual Presidential Symposium, Columbus, OH, March 2012

• Shirley L, Marsh C, Walker J, Coyle W, Tahiri S, Chung VM, Bloomston M. Phase 1 trial of gene mediated cytotoxic immunotherapy combined with resection for pancreatic adenocarcinoma. Society of Surgical Oncology 65th Annual Cancer Symposium, March 2012


Publications While at Ohio State


(Continued on next page)

Research Grants Awarded While at OSU
Pelotonia Postdoctoral Fellowship, 2012-2014

Occupation Upon Completion of Program
To be determined

Program Director’s Comments
Dr. Lawrence (Drew) Shirley joined our program as a well-trained surgeon having completed his residency at Thomas Jefferson University. During his residency he had spent devoted time in laboratory research and already had a proven successful track record. His academic interests were immediately evident as he embarked upon project after project. This has culminated in multiple national presentations, peer reviewed articles, and book chapters. After completing his mandatory two years of training, Drew opted to spend an additional year in the laboratory of Dr. Ching-Shih Chen doing basic science research in pancreatic cancer. This has proven very successful as he has several pending publications in various stages of review. In addition to his surgical oncology fellowship Drew completed all of the requirements necessary to complete training at OSU with a Master of Medical Science degree. He investigated mechanisms mediated by the tumor stromal microenvironment which contribute to the aggressiveness of pancreatic adenocarcinoma and found very promising results for a potential new drug target which demonstrates high expression in pancreatic cancer and negatively correlates with survival rates in humans. Drew has been heavily recruited for academic surgical oncology positions and has been weighing his options carefully. At the time of this summary he is in the late stages of negotiations between Vanderbilt University and the University of Arkansas. At either location he will be practicing surgical oncology and be the principal investigator of his own laboratory.
Rachael C. Sullivan, MD, MS

Program
Master of Medical Science, July 1, 2012 – June 30, 2014

Place of Birth
Delta, Ohio

Undergraduate Degree
BS, The University of Toledo, Toledo, OH, 2006

Medical Degree
MD, The Ohio State University College of Medicine, Columbus, OH, 2010

Specialty Interests
General surgery

Research Interests
Hepatocellular carcinoma, cancer biology

Honors and Awards While at Ohio State
James King Research Award, OSU Department of Surgery, June 2012

Abstracts Accepted While at OSU

Publications While at Ohio State

Occupation Upon Completion of Program
Continue general surgery residency, The Ohio State University

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Program Director’s Comments
Dr. Rachel Sullivan fulfilled all requirements for the Master of Medical Science degree and completed one year of research working with Dr. Carl Schmidt on a translational research project investigating “Serum Biomarkers as Prognostic Indicators and Measures of Treatment Effect in Patients Undergoing Transarterial Chemoembolization (TACE) for Unresectable Hepatocellular Carcinoma.” Rachel worked with Dr. Schmidt and his basic science collaborators to design a translational project using cutting edge technology to investigate potential cellular and molecular biomarkers which can predict response to TACE. She prepared an IRB approved protocol for this study which is still ongoing. Rachel was the recipient of the 2012 James King Research Award.
Daniel E. Vázquez-Torres, MD, MS

Program
Surgical Critical Care, August 1, 2013 – July 30, 2014

Place of Birth
San Juan, Puerto Rico

Undergraduate Degree
BA, Brown University, Providence, RI, 2000

Medical Degree
MD, Brown Medical School, Providence, RI, 2006

Other Training
• MS, Space studies, International Space University, Strasbourg, France, 2001
• General surgery residency, University of South Florida, Tampa, FL

Occupation Upon Completion of Program
Assistant Professor of Surgery, Division of Trauma, Critical Care, and Burn, Ohio State University Wexner Medical Center, Columbus, OH

Program Director’s Comments
Dr. Daniel Vázquez-Torres was born and grew up in San Juan, Puerto Rico. He completed an undergraduate degree in Engineering at Brown University, where he also earned his medical degree. However, prior to that second stint at Brown, he earned a M.Sc. in Space Studies at the International Space University in Strasbourg, France. After receiving his M.D., he completed his general surgery residency at the University of South Florida. While in medical school, he received an American Association for the Surgery of Trauma Scholarship. He was also chosen as the Outstanding 3rd Year Resident by the Tampa Bay Surgical Society. When Danny came north to our surgical critical care program, his intention was to get back south as soon as humanly possible. But then a funny thing happened. He discovered that Columbus was a very nice place to live and he decided that it wouldn’t be too bad to stay here, although the months of January and February almost beat that out of him. Danny has done an outstanding job in our program. He is a superb clinician, excellent educator and a very good administrator. He has chosen to pursue a career in academic medicine, and I am happy to announce that we have successfully recruited Danny to Ohio State University where he will join our faculty in the Division of Trauma, Critical Care and Burn. We are looking forward to welcoming Danny as a partner.