

**ECU Department of Surgery**  
**Published Research Inventory**  
**2017-2018 Publications**

**Division: Pediatric Surgery**

**Longshore, Shannon, MD**

1. Cubas RF, Longshore S, Rodriguez S, Tagge E, Baerg J, Moores D. Atropine: A cure for persistent post laparoscopic pyloromyotomy emesis? *J Neonatal Surg.* 2017;6(1):2.
2. Bayouth L, Ashley S, Brady J, et al. An in-situ simulation-based educational outreach project for pediatric trauma care in a rural trauma system. *J Pediatr Surg.* 2018;53(2):367-371.

**Rodeberg, David, MD**

1. Bradley JA, Kayton ML, Chi Y, et al. Treatment approach and outcomes in infants with localized rhabdomyosarcoma: A report from the soft tissue sarcoma committee of the children's oncology group. *Int J Radiat Oncol Biol Phys.* 2018.
2. Malempati S, Weigel BJ, Chi Y, et al. The addition of cixutumumab or temozolomide to intensive multiagent chemotherapy is feasible but does not improve outcome for patients with metastatic rhabdomyosarcoma: A report from the children's oncology group. *Cancer.* 2018.
3. Walterhouse DO, Barkauskas DA, Hall D, et al. Demographic and treatment variables influencing outcome for localized paratesticular rhabdomyosarcoma: Results from a pooled analysis of north american and european cooperative groups. *J Clin Oncol.* 2018;JCO2018789388.
4. Esce A, Rodeberg DA, Rothstein DH, Browne M, Wakeman D. Prevalence and perceptions of team training programs for pediatric surgeons and anesthesiologists. *J Surg Res.* 2018;232:559-563.

**Walsh, Danielle, MD**

1. Hope WW, Fanelli R, Walsh DS, et al. SAGES clinical spotlight review: Intraoperative cholangiography. *Surg Endosc.* 2017;31(5):2007-2016.
2. Walsh DS, Lazorick S, Lawson L, et al. The teachers of quality academy: Evaluation of the effectiveness and impact of a health systems science training program. *Am J Med Qual.* 2018

## **Division: Plastics**

### **Guo, Yifan, MD**

1. Guo Y, Lopez J, Yang R, Macmillan A, Dorafshar AH. The use of virtual surgical planning in total facial skeletal reconstruction of treacher collins syndrome: A case report. *Craniomaxillofac Trauma Reconstr.* 2018;11(3):230-237.
2. Norbury JW, Guo Y, Boyer PJ, Zeri RS. The power of doppler in the popliteal fossa: Sonographic diagnosis of a fibular nerve neurofibroma in a patient with posterior knee swelling. *Am J Phys Med Rehabil.* 2018;97(10):e101.

### **Reisler, Tom, MBChD**

1. Johnson HM, Reisler T. Pseudoangiomatous stromal hyperplasia presenting as accessory axillary breast tissue. *Eplasty.* 2017;17:ic19.
2. Buziashvili D, Zeri RS, Reisler T. Avascular necrosis of the capitate. *Eplasty.* 2017;17:ic13.
3. Buziashvili D, Zeri RS, Reisler T. Optimizing outcomes in pedicle and free flap reconstruction in patients with sickle cell trait. *Eplasty.* 2018;18:ic2.

### **Zeri, Richard, MD**

1. Buziashvili D, Zeri RS, Reisler T. Avascular necrosis of the capitate. *Eplasty.* 2017;17:ic13.
2. Buziashvili D, Zeri RS, Reisler T. Optimizing outcomes in pedicle and free flap reconstruction in patients with sickle cell trait. *Eplasty.* 2018;18:ic2.
3. Norbury JW, Guo Y, Boyer PJ, Zeri RS. The power of doppler in the popliteal fossa: Sonographic diagnosis of a fibular nerve neurofibroma in a patient with posterior knee swelling. *Am J Phys Med Rehabil.* 2018;97(10):e101.

## **Division: Oncology**

### **Laks, Shachar, MD**

1. Macherla S, Laks S, Naqash AR, Bulumulle A, Zervos E, Muzaffar M. Emerging role of immune checkpoint blockade in pancreatic cancer. *Int J Mol Sci.* 2018;19(11).

### **Verbanac, Kathryn, PhD**

1. Vohra NA, Kachare SD, Vos P, et al. The short-term effect of weight loss surgery on volumetric breast density and fibroglandular volume. *Obes Surg.* 2017;27(4):1013-1023.

2. Torres E, Richman AR, Schreier AM, Vohra N, Verbanac K. An evaluation of a rural community-based breast education and navigation program: Highlights and lessons learned. *J Cancer Educ.* 2017.

### **Vohra, Nasreen, MD**

1. Mosquera C, Vora HS, Vohra N, Fitzgerald TL. Population-based analysis of completion lymphadenectomy in intermediate-thickness melanoma. *Ann Surg Oncol.* 2017;24(1):127-134.

2. Vohra NA, Kachare SD, Vos P, et al. The short-term effect of weight loss surgery on volumetric breast density and fibroglandular volume. *Obes Surg.* 2017;27(4):1013-1023.

3. Torres E, Richman AR, Schreier AM, Vohra N, Verbanac K. An evaluation of a rural community-based breast education and navigation program: Highlights and lessons learned. *J Cancer Educ.* 2017.

4. Vohra NA, Brinkley J, Kachare S, Muzaffar M. Primary tumor resection in metastatic breast cancer: A propensity-matched analysis, 1988-2011 SEER data base. *Breast J.* 2018;24(4):549-554.

5. Muzaffar M, Kachare S, Vohra N. Impact of primary tumor surgery in stage IV male breast cancer. *Clin Breast Cancer.* 2017;17(3):e149.

6. Muzaffar M, Johnson HM, Vohra NA, Liles D, Wong JH. The impact of locoregional therapy in nonmetastatic inflammatory breast cancer: A population-based study. *Int J Breast Cancer.* 2018;2018:6438635.

### **Wong, Jan, MD**

1. Vohra NA, Kachare SD, Vos P, et al. The short-term effect of weight loss surgery on volumetric breast density and fibroglandular volume. *Obes Surg.* 2017;27(4):1013-1023.

2. Weber JJ, Wong JH. Periareolar or peritumoral injection of isosulfan blue and the effect on the number of sentinel lymph nodes examined. *Am Surg.* 2017;83(1):98-102.

3. Johnson HM, Wong JH. When is a little breast tissue too much?: Nipple-sparing risk-reducing mastectomy in BRCA carriers. *JAMA Surg.* 2018;153(2):129.

4. Muzaffar M, Johnson HM, Vohra NA, Liles D, Wong JH. The impact of locoregional therapy in nonmetastatic inflammatory breast cancer: A population-based study. *Int J Breast Cancer.* 2018;2018:6438635.

### **Zervos, Emmanuel, MD**

1. White M, Freistaedter A, Jones GJB, Zervos E, Roper RL. Development of improved therapeutic mesothelin-based vaccines for pancreatic cancer. *PLoS ONE.* 2018;13(2):e0193131.

2. Fitzgerald T, Hunter L, Mosquera C, et al. A simple matrix to predict treatment success and long-term survival among patients undergoing pancreatectomy. *HPB (Oxford)*. 2018.

3. Macherla S, Laks S, Naqash AR, Bulumulle A, Zervos E, Muzaffar M. Emerging role of immune checkpoint blockade in pancreatic cancer. *Int J Mol Sci*. 2018;19(11).

### **Division: Transplant**

#### **Hiasch, Carl, MD**

1. Everly MJ, Briley KP, Haisch CE, et al. Racial differences in incident de novo donor-specific anti-HLA antibody among primary renal allograft recipients: Results from a single center cohort study. *Transpl Int*. 2017;30(6):566-578.

2. Shah D, Haisch CE, Noland SL. Case reporting, competence, and confidence: A discrepancy in the numbers. *J Surg Educ*. 2018;75(2):304-312.

#### **Leeser, David, MD**

1. LaMattina JC, Powell JM, Costa NA, et al. Surgical complications of laparoendoscopic single-site donor nephrectomy: A retrospective study. *Transpl Int*. 2017;30(11):1132-1139.

2. Treat E, Chow EKH, Peipert JD, et al. Shipping living donor kidneys and transplant recipient outcomes. *Am J Transplant*. 2018;18(3):632-641.

3. Rosenberry PM, Niederhaus SV, Schweitzer EJ, Leeser DB. Decreasing dialysis catheter rates by creating a multidisciplinary dialysis access program. *J Vasc Access*. 2018;19(6):569-572.

4. Flechner SM, Thomas AG, Ronin M, et al. The first 9 years of kidney paired donation through the national kidney registry: Characteristics of donors and recipients compared with national live donor transplant registries. *Am J Transplant*. 2018;18(11):2730-2738.

5. Habibollahi P, Mantell MP, Rosenberry T, Leeser DB, Clark TWI. Outcomes of a polytetrafluoroethylene hybrid vascular graft with preloaded nitinol stent at the venous outflow for dialysis vascular access. *Ann Vasc Surg*. 2018.

### **Division: Trauma**

#### **Bard, Michael, MD**

1. Reynolds CL, Celio AC, Bridges LC, et al. REBOA for the IVC? resuscitative balloon occlusion of the inferior vena cava (REBOVC) to abate massive hemorrhage in retrohepatic vena cava injuries. *J Trauma Acute Care Surg*. 2017;83(6):1041-1046

2. Bridges LC, Torrent DJ, Mosquera C, Bard MR. Chest tube removal in simple pneumothorax: Does water-seal duration matter? *Am Surg*. 2017;83(8):901-905.

### **Drake, Mack, DO**

1. Maxwell D, Rhee P, Drake M, Hodge J, Ingram W, Williams R. Development of the burn frailty index: A prognostication index for elderly patients sustaining burn injuries. *Am J Surg*. 2018.

### **Goettler, Claudia, MD**

1. Williford ML, Scarlet S, Meyers MO, et al. Multiple-institution comparison of resident and faculty perceptions of burnout and depression during surgical training. *JAMA Surg*. 2018;153(8):705-711.

2. Castillo JC, DeLa'O CM, Goettler CE. Traumatic bilateral anterior cerebral artery entrapment with subsequent cerebral infarction. *Am Surg*. 2018;84(5):e167.

### **Poulin, Nathaniel, MD**

1. Loja MN, Galante JM, Humphries M, et al. Systemic anticoagulation in the setting of vascular extremity trauma. *Injury*. 2017;48(9):1911-1916.

2. Faulconer ER, Branco BC, Loja MN, et al. Use of open and endovascular surgical techniques to manage vascular injuries in the trauma setting: A review of the american association for the surgery of trauma PROspective observational vascular injury trial registry. *J Trauma Acute Care Surg*. 2018;84(3):411-417.

### **Toschlog, Eric, MD**

1. Zielinski MD, Haddad NN, Cullinane DC, et al. Multi-institutional, prospective, observational study comparing the gastrografin challenge versus standard treatment in adhesive small bowel obstruction. *J Trauma Acute Care Surg*. 2017;83(1):47-54.

2. Gerardo CJ, Quackenbush E, Lewis B, et al. The efficacy of crotalidae polyvalent immune fab (ovine) antivenom versus placebo plus optional Rescue Therapy on recovery from copperhead snake envenomation: A randomized, double-blind, placebo-controlled, clinical trial. *Ann Emerg Med*. 2017;70(2):244.e3.

3. Reynolds CL, Celio AC, Bridges LC, et al. REBOA for the IVC? resuscitative balloon occlusion of the inferior vena cava (REBOVC) to abate massive hemorrhage in retrohepatic vena cava injuries. *J Trauma Acute Care Surg*. 2017;83(6):1041-1046.

4. Bayouth L, Ashley S, Brady J, et al. An in-situ simulation-based educational outreach project for pediatric trauma care in a rural trauma system. *J Pediatr Surg*. 2018;53(2):367-371.

5. Hernandez MC, Haddad NN, Cullinane DC, et al. The american association for the surgery of trauma severity grade is valid and generalizable in adhesive small bowel obstruction. *J Trauma Acute Care Surg*. 2018;84(2):372-378.

6. Burlew CC, Sumislawski JJ, Behnfield CD, et al. Time to stroke: A western trauma association multicenter study of blunt cerebrovascular injuries. *J Trauma Acute Care Surg*. 2018;85(5):858-866.
7. Anderson VE, Gerardo CJ, Rapp-Olsson M, et al. Early administration of fab antivenom resulted in faster limb recovery in copperhead snake envenomation patients. *Clin Toxicol (Phila)*. 2018:1-6.
8. Mullins ME, Gerardo CJ, Bush SP, et al. Adverse events in the efficacy of crotalidae polyvalent immune fab antivenom vs placebo in recovery from copperhead snakebite trial. *South Med J*. 2018;111(12):716-720.

### **Division: Research**

#### **Pories, Walter, MD**

1. Celio AC, Wu Q, Kasten KR, Manwaring ML, Pories WJ, Spaniolas K. Comparative effectiveness of roux-en-Y gastric bypass and sleeve gastrectomy in super obese patients. *Surg Endosc*. 2017;31(1):317-323.
2. Celio AC, Kasten KR, Burruss MB, Pories WJ, Spaniolas K. Surgeon case volume and readmissions after laparoscopic roux-en-Y gastric bypass: More is less. *Surg Endosc*. 2017;31(3):1402-1406.
3. Hubal MJ, Nadler EP, Ferrante SC, et al. Circulating adipocyte-derived exosomal MicroRNAs associated with decreased insulin resistance after gastric bypass. *Obesity (Silver Spring)*. 2017;25(1):102-110.
4. Steffen KJ, King WC, White GE, et al. Sexual functioning of men and women with severe obesity before bariatric surgery. *Surg Obes Relat Dis*. 2017;13(2):334-343.
5. Schwoerer A, Kasten K, Celio A, Pories W, Spaniolas K. The effect of close postoperative follow-up on co-morbidity improvement after bariatric surgery. *Surg Obes Relat Dis*. 2017;13(8):1347-1352.
6. King WC, Chen J, Courcoulas AP, et al. Alcohol and other substance use after bariatric surgery: Prospective evidence from a U.S. multicenter cohort study. *Surg Obes Relat Dis*. 2017;13(8):1392-1402.
7. King WC, Chen J, Belle SH, et al. Use of prescribed opioids before and after bariatric surgery: Prospective evidence from a U.S. multicenter cohort study. *Surg Obes Relat Dis*. 2017;13(8):1337-1346.
8. Celio AC, Kasten KR, Schwoerer A, Pories WJ, Spaniolas K. Perioperative safety of laparoscopic versus robotic gastric bypass: A propensity matched analysis of early experience. *Surg Obes Relat Dis*. 2017;13(11):1847-1852.

9. Menke MN, King WC, White GE, et al. Contraception and conception after bariatric surgery. *Obstet Gynecol.* 2017;130(5):979-987.
10. Gavin TP, Ernst JM, Kwak H, et al. High incomplete skeletal muscle fatty acid oxidation explains low muscle insulin sensitivity in poorly controlled T2D. *J Clin Endocrinol Metab.* 2018;103(3):882-889.
11. O'Rourke RW, Johnson GS, Purnell JQ, et al. Serum biomarkers of inflammation and adiposity in the LABS cohort: Associations with metabolic disease and surgical outcomes. *Int J Obes (Lond).* 2018.
12. Seridi L, Leo GC, Dohm GL, Pories WJ, Lenhard J. Time course metabolome of roux-en-Y gastric bypass confirms correlation between leptin, body weight and the microbiome. *PLoS ONE.* 2018;13(5):e0198156.
13. Zou K, Hinkley JM, Park S, et al. Altered tricarboxylic acid cycle flux in primary myotubes from severely obese humans. *Int J Obes (Lond).* 2018.
14. Takemoto E, Wolfe BM, Nagel CL, et al. Insurance status differences in weight loss and regain over 5 years following bariatric surgery. *Int J Obes (Lond).* 2018;42(6):1211-1220.
15. Marek RJ, Steffen KJ, Flum DR, et al. Psychosocial functioning and quality of life in patients with loose redundant skin 4 to 5 years after bariatric surgery. *Surg Obes Relat Dis.* 2018.
16. Mishriky BM, Cummings DM, Tanenberg R, Pories WJ. Re-examining insulin compared to non-insulin therapies for type 2 diabetes: When in the disease trajectory is insulin preferable? *Postgrad Med.* 2018;130(8):653-659.
17. Field AE, Inge TH, Belle SH, et al. Association of obesity subtypes in the longitudinal assessment of bariatric surgery study and 3-year postoperative weight change. *Obesity (Silver Spring).* 2018;26(12):1931-1937.
18. Ard JD, Lewis KH, Rothberg A, et al. Effectiveness of total meal replacement program (OPTIFAST program) on weight loss: Results from the OPTIWIN study. *Obesity (Silver Spring).* 2018.
19. Courcoulas AP, King WC, Belle SH, et al. Seven-year weight trajectories and health outcomes in the longitudinal assessment of bariatric surgery (LABS) study. *JAMA Surg.* 2018;153(5):427-434.
20. Friedman AN, Wahed AS, Wang J, et al. Effect of bariatric surgery on CKD risk. *J Am Soc Nephrol.* 2018;29(4):1289-1300.