

# Brian R. Englum

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## EDUCATION

**Cincinnati Children's Hospital Medical Center, Cincinnati, OH** **2017-2019**

- General Pediatric Surgery Fellowship Program

**Duke University School of Medicine, Durham, NC** **2012-present**

- Clinical Research Training Program
- Master of Health Sciences in Clinical Research -candidate

**Duke University Medical Center, Durham, NC** **2010-2017**

- General Surgery Residency Program

**Johns Hopkins University School of Medicine, Baltimore, MD** **2006-2010**

- M.D.

**Indiana University, Bloomington, IN** **1999-2003**

- B.A. Religious Studies, summa cum laude
- B.S. Biology, summa cum laude
- Minors in French and Chemistry

## RESEARCH EXPERIENCE

**Duke Clinical Research Institute, Durham, NC** **2012-2017**

- Evaluated and developed research projects from external proposal through final manuscript for the Society for Thoracic Surgeons database
- Conceived, developed, and aided in the execution of large database analyses using NSQIP, UNOS, SEER, SEER-Medicare, NIS, NTDB, NCDB, STS-ACSD, STS-GTD, and institutional data with advanced data mining and analytic tools
- Conceived, developed, and aided in the execution of randomized clinical trials through the CTSN and through novel registry-based techniques in the STS
- Developed proficiency in data management and analysis from data storage and cleaning to multivariable modeling, survival analysis, and variation in practice patterns using R, Stata, and SAS

**Duke University SOM Institutional Review Member, Durham, NC** **2012-2014**

- Served as reviewing and voting member for the evaluation of scientific, ethical, and regulatory merits of proposals for human subjects research

**Trauma Outcomes Research Group, Johns Hopkins SOM, Baltimore, MD** **2009-2010**

- Evaluated research ideas, analyzed large databases using Stata, and authored and published research articles to peer reviewed journals and conferences

**Frameworks Global Health Grant, Brazzaville, Rep. of Congo** **2007**

- Served as author and liaison between Johns Hopkins School of Medicine and Santé-Nature (a development organization in the Republic of Congo) for elaboration of research

protocol *The Impact of Moringa Oleifera Supplementation on the Nutritional Status of People Living with HIV/AIDS*

- Aided in the establishment of a National Ethics Committee to oversee scientific research in the Republic of Congo

## **APPOINTMENTS**

### **Academic**

Univ. of Maryland School of Medicine    Assistant Professor of Surgery    2019-present

### **Non-Academic**

Sinai Hospital, Baltimore, MD    Staff Pediatric Surgeon    2019-present

St. Agnes Hospital, Baltimore, MD    Staff Pediatric Surgeon    2019-present

Franklin Sq. MC, Baltimore, MD    Staff Pediatric Surgeon    2019-present

Mercy Hospital, Baltimore, MD    Staff Pediatric Surgeon    2019-present

St. Joseph MC, Baltimore, MD    Staff Pediatric Surgeon    2019-present

## **LICENSURE AND CERTIFICATION**

### **American Board of Surgery**

General Surgery, Board Certified (available on request)    2017-present

Pediatric Surgery, Board Eligible    2019-present

### **State Licensures**

Maryland Board of Physicians (available on request)    2019-present

State Medical Board of Ohio License (available on request)    2017-2019

North Carolina Medical Board License –training (available on request)    2010-2017

### **Other**

DEA Controlled Substance Registration (available on request)    2019-present

Maryland CDS Registration (available on request)    2019-present

ACS Advance Trauma Life Support Certification    2010-2014

AHA Pediatric Advance Life Support (PALS) Certification    2019-present

## **AWARDS AND GRANTS**

### **Wells Scholarship**

**1999-2003**

- Merit-based scholarship from Indiana University providing full tuition support, living expense stipend, and academic mentorship for four years of undergraduate study

### **Frameworks Global Health Grant**

**2007**

- Competitive research field work grant from the Johns Hopkins Center for Global Health and the Fogarty International Center of the National Institutes of Health

### **Duke Clinical Research Institute Fellow**

**2012-2014**

- Mentorship, stipend support, didactic research conferences, and opportunity to work on a variety of clinical research projects including randomized trials and registry studies

### **Cardiothoracic Surgery Network (CTSN) Fellow**

**2012-2014**

- Mentorship, financial support for Master’s degree program, travel to CTSN investigator meetings and research conferences, opportunity to work on study development in a National Institutes of Health funded collaborative workgroup
- NIH grants: U01 HL088942; U01 HL088953; UM1 HL088953

**National Cancer Data Base, American College of Surgeons 2013**

- Peer-reviewed research application which awarding datasets across a variety of cancers, including colorectal, lung, esophagus, neuroblastoma, and sarcoma

**Society of Thoracic Surgeons Research Award 2013-2014**

- Competitive, peer-reviewed research application providing dataset and statistical support for research projects

**C. Walton Lillehei Resident Forum Finalist 2014**

- Travel stipend to the American Association for Thoracic Surgery for competitive, peer-reviewed abstract competition

**Jameson L. Chassin Award Finalist 2016**

- Nomination by residency program and finalist in national, peer-reviewed selection process honoring professionalism in general surgery

**Appleseed Award 2017**

- Recognition by Duke University medical students as one of the surgical residents most invested in student education and inspiring to those considering surgical specialties

**POSITIONS AND MEMBERSHIPS**

**Positions**

Ad-hoc reviewer, American Heart Journal	2012-2016
Ad-hoc reviewer, Annals of Thoracic Surgery	2013-2016
Ad-hoc reviewer, Circulation	2014-2015
Ad-hoc reviewer, World Journal of Surgical Oncology	2015-2016
Ad-hoc reviewer, Journal of Heart and Lung Transplantation	2016-present
Ad-hoc reviewer, Transplantation	2016-2017
Ad-hoc reviewer, Surgery	2017-present
Ad-hoc reviewer, Journal of Pediatric Surgery	2017-present
Member, Duke Graduate Medical Education Residency Council	2016-2017

**Memberships**

Resident Member, American Medical Association	2009-present
Candidate Member, Association of Academic Surgery	2009-present
Resident Member, American College of Surgeons	2010-present
Resident Member, American Pediatric Surgical Association	2014-present
Resident Member, American Academy of Pediatrics	2015-present

**PUBLICATIONS**

**Peer-Reviewed Journals**

## Published

1. **Englum BR**, Villegas C, Bolorunduro O, Haut ER, Cornwell EE, 3rd, Efron DT, Haider AH. Racial, ethnic, and insurance status disparities in use of posthospitalization care after trauma. *J Am Coll Surg* 2011;213(6):699-708.
2. **Englum BR**, Andersen ND, Husain AM, Mathew JP, Hughes GC. Degree of hypothermia in aortic arch surgery - optimal temperature for cerebral and spinal protection: deep hypothermia remains the gold standard in the absence of randomized data. *Ann Cardiothorac Surg* 2013;2(2):184-93.
3. Tracy ET, **Englum BR**, Barbas AS, Foley C, Rice HE, Shapiro ML. Pediatric injury patterns by year of age. *J Pediatr Surg* 2013;48(6):1384-8.
4. Caceres M, Ma Y, Rankin JS, Saha-Chaudhuri P, **Englum BR**, Gammie JS, Suri RM, Thourani VH, Esmailian F, Czer LS, Puskas JD, Svensson LG. Mortality characteristics of aortic root surgery in North America. *Eur J Cardiothorac Surg* 2014;46(5):887-93.
5. Crestanello JA, Higgins RS, He X, Saha-Chaudhuri P, **Englum BR**, Brennan JM, Thourani VH. The association of chronic lung disease with early mortality and respiratory adverse events after aortic valve replacement. *Ann Thorac Surg* 2014;98(6):2068-77.
6. **Englum BR**, Pavlisko EN, Mack MC, Ganapathi AM, Schechter MA, Hanna JM, Hughes GC. Pseudoaneurysm formation after medtronic freestyle porcine aortic bioprosthesis implantation: a word of caution. *Ann Thorac Surg* 2014;98(6):2061-7.
7. Ganapathi AM, **Englum BR**, Hanna JM, Schechter MA, Gaca JG, Hurwitz LM, Hughes GC. Frailty and risk in proximal aortic surgery. *J Thorac Cardiovasc Surg* 2014;147(1):186-91.e1.
8. Ganapathi AM, **Englum BR**, Schechter MA, Vavalle JP, Harrison JK, McCann RL, Hughes GC. Role of cardiac evaluation before thoracic endovascular aortic repair. *J Vasc Surg* 2014;60(5):1196-203.
9. Ganapathi AM, Hanna JM, Schechter MA, **Englum BR**, Castleberry AW, Gaca JG, Hughes GC. Antegrade versus retrograde cerebral perfusion for hemiarch replacement with deep hypothermic circulatory arrest: does it matter? A propensity-matched analysis. *J Thorac Cardiovasc Surg* 2014;148(6):2896-902.
10. Ganapathi AM, Speicher PJ, Castleberry AW, **Englum BR**, Osho AA, Davis RD, Hartwig MG. The effect of prior pneumonectomy or lobectomy on subsequent lung transplantation. *Ann Thorac Surg* 2014;98(6):1922-8; discussion 8-9.
11. Ganapathi AM, Speicher PJ, **Englum BR**, Castleberry AW, Migaly J, Hsu DS, Mantyh CR. Adjuvant chemotherapy for t1 node-positive colon cancers provides significant survival benefit. *Dis Colon Rectum* 2014;57(12):1341-8.
12. Greason KL, Kim S, Suri RM, Wallace AS, **Englum BR**. Hypothermia and operative mortality during on-pump coronary artery bypass grafting. *J Thorac Cardiovasc Surg* 2014;148(6):2712-8.

13. Hess CN, Lopes RD, Gibson CM, Hager R, Wojdyla DM, **Englum BR**, Mack MJ, Califf RM, Kouchoukos NT, Peterson ED, Alexander JH. Saphenous vein graft failure after coronary artery bypass surgery: insights from PREVENT IV. *Circulation* 2014;130(17):1445-51.
14. Hughes GC, Ganapathi AM, Keenan JE, **Englum BR**, Hanna JM, Schechter MA, Wang H, McCann RL. Thoracic endovascular aortic repair for chronic DeBakey IIIb aortic dissection. *Ann Thorac Surg* 2014;98(6):2092-7; discussion 8.
15. Speicher PJ, **Englum BR**, Jiang B, Pietrobon R, Mantyh CR, Migaly J. The impact of laparoscopic versus open approach on reoperation rate after segmental colectomy: a propensity analysis. *J Gastrointest Surg* 2014;18(2):378-84.
16. Speicher PJ, Ganapathi AM, **Englum BR**, Hartwig MG, Onaitis MW, D'Amico TA, Berry MF. Induction therapy does not improve survival for clinical stage T2N0 esophageal cancer. *J Thorac Oncol* 2014;9(8):1195-201.
17. Speicher PJ, Ganapathi AM, **Englum BR**, Onaitis MW, D'Amico TA, Berry MF. Survival in the elderly after pneumonectomy for early-stage non-small cell lung cancer: a comparison with nonoperative management. *J Am Coll Surg* 2014;218(3):439-49.
18. Speicher PJ, Ganapathi AM, **Englum BR**, Vaslef SN. Laparoscopy is safe among patients with congestive heart failure undergoing general surgery procedures. *Surgery* 2014;156(2):371-8.
19. Suri RM, Thourani VH, **Englum BR**, Rankin JS, Badhwar V, Svensson LG, Ailawadi G, Mack MJ, He M, Brennan JM, Schaff HV, Gammie JS. The expanding role of mitral valve repair in triple valve operations: contemporary North American outcomes in 8,021 patients. *Ann Thorac Surg* 2014;97(5):1513-9; discussion 9.
20. Castleberry AW, **Englum BR**, Snyder LD, Worni M, Osho AA, Gulack BC, Palmer SM, Davis RD, Hartwig MG. The utility of preoperative six-minute-walk distance in lung transplantation. *Am J Respir Crit Care Med* 2015;192(7):843-52.
21. **Englum BR**, Ganapathi AM, Hughes GC. Reply: To PMID 25301369. *Ann Thorac Surg* 2015;100(4):1508.
22. **Englum BR**, Pura J, Reed SD, Roman SA, Sosa JA, Scheri RP. A Bedside Risk Calculator to Preoperatively Distinguish Follicular Thyroid Carcinoma from Follicular Variant of Papillary Thyroid Carcinoma. *World J Surg* 2015;39(12):2928-34.
23. **Englum BR**, Rialon KL, Speicher PJ, Gulack B, Driscoll TA, Kreissman SG, Rice HE. Value of surgical resection in children with high-risk neuroblastoma. *Pediatr Blood Cancer* 2015;62(9):1529-35.
24. **Englum BR**, Saha-Chaudhuri P, Shahian DM, O'Brien SM, Brennan JM, Edwards FH, Peterson ED. The impact of high-risk cases on hospitals' risk-adjusted coronary artery bypass grafting mortality rankings. *Ann Thorac Surg* 2015;99(3):856-62.
25. **Englum BR**, Schechter MA, Irish WD, Ravindra KV, Vikraman DS, Sanoff SL, Ellis MJ, Sudan DL, Patel UD. Outcomes in kidney transplant recipients from older living donors. *Transplantation* 2015;99(2):309-15.

26. Erhunmwunsee L, **Englum BR**, Onaitis MW, D'Amico TA, Berry MF. Impact of pretreatment imaging on survival of esophagectomy after induction therapy for esophageal cancer: who should be given the benefit of the doubt?: esophagectomy outcomes of patients with suspicious metastatic lesions. *Ann Surg Oncol* 2015;22(3):1020-5.
27. Farjah F, Backhus L, Cheng A, **Englum B**, Kim S, Saha-Chaudhuri P, Wood DE, Mulligan MS, Varghese TK. Failure to rescue and pulmonary resection for lung cancer. *J Thorac Cardiovasc Surg* 2015;149(5):1365-71; discussion 71-3.e3.
28. Ganapathi AM, **Englum BR**, Keenan JE, Schechter MA, Wang H, Smith PK, Glower DD, Hughes GC. Long-Term Survival After Bovine Pericardial Versus Porcine Stented Bioprosthetic Aortic Valve Replacement: Does Valve Choice Matter? *Ann Thorac Surg* 2015;100(2):550-9.
29. Ganapathi AM, Speicher PJ, **Englum BR**, Perez A, Tyler DS, Zani S. Gangrenous cholecystitis: a contemporary review. *J Surg Res* 2015;197(1):18-24.
30. Gulack BC, **Englum BR**, Castleberry AW, Daneshmand MA, Smith PK, Perrault LP. Repair or observe moderate ischemic mitral regurgitation during coronary artery bypass grafting? Prospective randomized multicenter data. *Ann Cardiothorac Surg* 2015;4(3):266-72.
31. Gulack BC, **Englum BR**, Lo DD, Nussbaum DP, Keenan JE, Scarborough JE, Shapiro ML. Leukopenia is associated with worse but not prohibitive outcomes following emergent abdominal surgery. *J Trauma Acute Care Surg* 2015;79(3):437-43.
32. Gulack BC, **Englum BR**, Rialon KL, Talbot LJ, Keenan JE, Rice HE, Scarborough JE, Adibe OO. Inequalities in the use of helmets by race and payer status among pediatric cyclists. *Surgery* 2015;158(2):556-61.
33. Gulack BC, Schweitzer M, **Englum BR**, Kuchibhatla M, Prasad VK, Adibe OO. Predictors of gastrostomy placement in children with inherited metabolic diseases treated by umbilical cord blood transplantation. *J Pediatr Surg* 2015;50(7):1109-11.
34. Hess CN, Lopes RD, Gibson CM, Hager R, Wojdyla DM, **Englum BR**, Mack MJ, Kouchoukos NT, Peterson ED, Alexander JH. Response to Letters Regarding Article, "Saphenous Vein Graft Failure After Coronary Artery Bypass Surgery: Insights From PREVENT IV". *Circulation* 2015;132(4):e29.
35. Kaneko T, Vassileva CM, **Englum B**, Kim S, Yammine M, Brennan M, Suri RM, Thourani VH, Jacobs JP, Aranki S. Contemporary Outcomes of Repeat Aortic Valve Replacement: A Benchmark for Transcatheter Valve-in-Valve Procedures. *Ann Thorac Surg* 2015;100(4):1298-304; discussion 304.
36. McCoy CC, **Englum BR**, Keenan JE, Vaslef SN, Shapiro ML, Scarborough JE. Impact of specific postoperative complications on the outcomes of emergency general surgery patients. *J Trauma Acute Care Surg* 2015;78(5):912-8; discussion 8-9.

37. Nussbaum DP, Speicher PJ, Ganapathi AM, **Englum BR**, Keenan JE, Mantyh CR, Migaly J. Laparoscopic versus open low anterior resection for rectal cancer: results from the national cancer data base. *J Gastrointest Surg* 2015;19(1):124-31; discussion 31-2.
38. Nussbaum DP, Speicher PJ, Gulack BC, Ganapathi AM, **Englum BR**, Kirsch DG, Tyler DS, Blazer DG, 3rd. Long-term Oncologic Outcomes After Neoadjuvant Radiation Therapy for Retroperitoneal Sarcomas. *Ann Surg* 2015;262(1):163-70.
39. Nussbaum DP, Speicher PJ, Gulack BC, Keenan JE, Ganapathi AM, **Englum BR**, Tyler DS, Blazer DG, 3rd. Management of 1- to 2-cm Carcinoid Tumors of the Appendix: Using the National Cancer Data Base to Address Controversies in General Surgery. *J Am Coll Surg* 2015;220(5):894-903.
40. Rialon KL, Gulack BC, **Englum BR**, Routh JC, Rice HE. Factors impacting survival in children with renal cell carcinoma. *J Pediatr Surg* 2015;50(6):1014-8.
41. Rice HE, **Englum BR**, Gulack BC, Adibe OO, Tracy ET, Kreissman SG, Routh JC. Use of patient registries and administrative datasets for the study of pediatric cancer. *Pediatr Blood Cancer* 2015;62(9):1495-500.
42. Rice HE, **Englum BR**, Rothman J, Leonard S, Reiter A, Thornburg C, Brindle M, Wright N, Heeney MM, Smithers C, Brown RL, Kalfa T, Langer JC, Cada M, Oldham KT, Scott JP, St Peter S, Sharma M, Davidoff AM, Nottage K, Bernabe K, Wilson DB, Dutta S, Glader B, Crary SE, Dassinger MS, Dunbar L, Islam S, Kumar M, Rescorla F, Bruch S, Campbell A, Austin M, Sidonio R, Blakely ML. Clinical outcomes of splenectomy in children: report of the splenectomy in congenital hemolytic anemia registry. *Am J Hematol* 2015;90(3):187-92.
43. Scarborough JE, Bennett KM, **Englum BR**, Pappas TN, Lagoo-Deenadayalan SA. The impact of functional dependency on outcomes after complex general and vascular surgery. *Ann Surg* 2015;261(3):432-7.
44. Speicher PJ, **Englum BR**, Ganapathi AM, Mulvihill MS, Hartwig MG, Onaitis MW, D'Amico TA, Berry MF. Adjuvant chemotherapy is associated with improved survival after esophagectomy without induction therapy for node-positive adenocarcinoma. *J Thorac Oncol* 2015;10(1):181-8.
45. Speicher PJ, **Englum BR**, Ganapathi AM, Nussbaum DP, Mantyh CR, Migaly J. Robotic Low Anterior Resection for Rectal Cancer: A National Perspective on Short-term Oncologic Outcomes. *Ann Surg* 2015;262(6):1040-5.
46. Speicher PJ, **Englum BR**, Ganapathi AM, Onaitis MW, D'Amico TA, Berry MF. Outcomes after treatment of 17,378 patients with locally advanced (T3N0-2) non-small-cell lung cancer. *Eur J Cardiothorac Surg* 2015;47(4):636-41.
47. Speicher PJ, Ganapathi AM, **Englum BR**, Gulack BC, Osho AA, Hirji SA, Castleberry AW, Snyder LD, Duane Davis R, Hartwig MG. Single-lung transplantation in the United States: what happens to the other lung? *J Heart Lung Transplant* 2015;34(1):36-42.
48. Speicher PJ, Wang X, **Englum BR**, Ganapathi AM, Yerokun B, Hartwig MG, D'Amico TA, Berry MF. Induction chemoradiation therapy prior to esophagectomy is associated

- with superior long-term survival for esophageal cancer. *Dis Esophagus* 2015;28(8):788-96.
49. Castleberry A, Mulvihill MS, Yerokun BA, Gulack BC, **Englum B**, Snyder L, Worni M, Osho A, Palmer S, Davis RD, Hartwig MG. The utility of 6-minute walk distance in predicting waitlist mortality for lung transplant candidates. *J Heart Lung Transplant* 2016.
  50. **Englum BR**, Ganapathi AM, Schechter MA, Harrison JK, Glower DD, Hughes GC. Changes in Risk Profile and Outcomes of Patients Undergoing Surgical Aortic Valve Replacement From the Pre- to Post-Transcatheter Aortic Valve Replacement Eras. *Ann Thorac Surg* 2016;101(1):110-7.
  51. **Englum BR**, Ganapathi AM, Speicher PJ, Gulack BC, Snyder LD, Davis RD, Hartwig MG. Impact of donor and recipient hepatitis C status in lung transplantation. *J Heart Lung Transplant* 2016;35(2):228-35.
  52. **Englum BR**, Gulack BC, Rice HE, Scarborough JE, Adibe OO. Management of blunt pancreatic trauma in children: Review of the National Trauma Data Bank. *J Pediatr Surg* 2016;51(9):1526-31.
  53. **Englum BR**, Hui X, Zogg CK, Chaudhary MA, Villegas C, Bolorunduro OB, Stevens KA, Haut ER, Cornwell EE, Efron DT, Haider AH. Association Between Insurance Status and Hospital Length of Stay Following Trauma. *Am Surg* 2016;82(3):281-8.
  54. **Englum BR**, Rothman J, Leonard S, Reiter A, Thornburg C, Brindle M, Wright N, Heeney MM, Jason Smithers C, Brown RL, Kalfa T, Langer JC, Cada M, Oldham KT, Scott JP, St Peter SD, Sharma M, Davidoff AM, Nottage K, Bernabe K, Wilson DB, Dutta S, Glader B, Crary SE, Dassinger MS, Dunbar L, Islam S, Kumar M, Rescorla F, Bruch S, Campbell A, Austin M, Sidonio R, Blakely ML, Rice HE. Hematologic outcomes after total splenectomy and partial splenectomy for congenital hemolytic anemia. *J Pediatr Surg* 2016;51(1):122-7.
  55. Gulack BC, Rialon KL, **Englum BR**, Kim J, Talbot LJ, Adibe OO, Rice HE, Tracy ET. Factors associated with survival in pediatric adrenocortical carcinoma: An analysis of the National Cancer Data Base (NCDB). *J Pediatr Surg* 2016;51(1):172-7.
  56. Harskamp RE, Alexander JH, Ferguson TB, Jr., Hager R, Mack MJ, **Englum B**, Wojdyla D, Schulte PJ, Kouchoukos NT, de Winter RJ, Gibson CM, Peterson ED, Harrington RA, Smith PK, Lopes RD. Response to Letters Regarding Article, "Frequency and Predictors of Internal Mammary Artery Graft Failure and Subsequent Clinical Outcomes: Insights From the Project of Ex-Vivo Vein Graft Engineering via Transfection (PREVENT) IV Trial". *Circulation* 2016;133(21):e665.
  57. Harskamp RE, Alexander JH, Ferguson TB, Jr., Hager R, Mack MJ, **Englum B**, Wojdyla D, Schulte PJ, Kouchoukos NT, de Winter RJ, Gibson CM, Peterson ED, Harrington RA, Smith PK, Lopes RD. Frequency and Predictors of Internal Mammary Artery Graft Failure and Subsequent Clinical Outcomes: Insights From the Project of Ex-vivo Vein Graft Engineering via Transfection (PREVENT) IV Trial. *Circulation* 2016;133(2):131-8.



58. Hartwig MG, Ganapathi AM, Osho AA, Hirji SA, **Englum BR**, Speicher PJ, Palmer SM, Davis RD, Snyder LD. Staging of Bilateral Lung Transplantation for High-Risk Patients With Interstitial Lung Disease: One Lung at a Time. *Am J Transplant* 2016;16(11):3270-7.
59. Keenan JE, Wang H, Ganapathi AM, **Englum BR**, Kale E, Mathew JP, Husain AM, Hughes GC. Electroencephalography During Hemiarch Replacement With Moderate Hypothermic Circulatory Arrest. *Ann Thorac Surg* 2016;101(2):631-7.
60. Keenan JE, Wang H, Gulack BC, Ganapathi AM, Andersen ND, **Englum BR**, Krishnamurthy Y, Levy JH, Welsby IJ, Hughes GC. Does moderate hypothermia really carry less bleeding risk than deep hypothermia for circulatory arrest? A propensity-matched comparison in hemiarch replacement. *J Thorac Cardiovasc Surg* 2016;152(6):1559-69.e2.
61. Kim J, Sun Z, **Englum BR**, Allori AC, Adibe OO, Rice HE, Tracy ET. Laparoscopy Is Safe in Infants and Neonates with Congenital Heart Disease: A National Study of 3684 Patients. *J Laparoendosc Adv Surg Tech A* 2016;26(10):836-9.
62. Rialon KL, **Englum BR**, Gulack BC, Guevara CJ, Bhattacharya SD, Shapiro ML, Rice HE, Scarborough JE, Adibe OO. Comparative effectiveness of treatment strategies for severe splenic trauma in the pediatric population. *Am J Surg* 2016;212(4):786-93.
63. Scarborough JE, Schumacher J, Pappas TN, McCoy CC, **Englum BR**, Agarwal SK, Jr., Greenberg CC. Which Complications Matter Most? Prioritizing Quality Improvement in Emergency General Surgery. *J Am Coll Surg* 2016;222(4):515-24.
64. Schechter MA, Ganapathi AM, **Englum BR**, Speicher PJ, Daneshmand MA, Davis RD, Hartwig MG. Spontaneously Breathing Extracorporeal Membrane Oxygenation Support Provides the Optimal Bridge to Lung Transplantation. *Transplantation* 2016;100(12):2699-704.
65. Schechter MA, Shah AA, **Englum BR**, Williams JB, Ganapathi AM, Davies JD, Welsby IJ, Hughes GC. Prolonged postoperative respiratory support after proximal thoracic aortic surgery: Is deep hypothermic circulatory arrest a risk factor? *J Crit Care* 2016;31(1):125-9.
66. Schwann TA, Habib RH, Suri RM, Brennan JM, He X, Thourani VH, Engoren M, Ailawadi G, **Englum BR**, Bonnell MR, Gammie JS. Variation in Warfarin Use at Hospital Discharge After Isolated Bioprosthetic Mitral Valve Replacement: An Analysis of the Society of Thoracic Surgeons Adult Cardiac Surgery Database. *Chest* 2016;150(3):597-605.
67. **Englum BR**, Hartwig MG. The wait for the waitlist: The next challenge in the lung allocation system. *J Heart Lung Transplant* 2017;36(3):250-2.
68. **Englum BR**, Rialon KL, Kim J, Shapiro ML, Scarborough JE, Rice HE, Adibe OO, Tracy ET. Current use and outcomes of helicopter transport in pediatric trauma: a review of 18,291 transports. *J Pediatr Surg* 2017;52(1):140-4.

69. Ezekian B, **Englum BR**, Gilmore BF, Kim J, Leraas HJ, Rice HE. Onychocryptosis in the Pediatric Patient. *Clin Pediatr (Phila)* 2017;56(2):109-14.
70. Ganapathi AM, Mulvihill MS, **Englum BR**, Speicher PJ, Gulack BC, Osho AA, Yerokun BA, Snyder LR, Davis D, Hartwig MG. Transplant Size Mismatch in Restrictive Lung Disease. *Transpl Int* 2017.
71. Talbot LJ, Sinyard RD, Rialon KL, **Englum BR**, Tracy ET, Rice HE, Adibe OO. Influence of weight at enterostomy reversal on surgical outcomes in infants after emergent neonatal stoma creation. *J Pediatr Surg* 2017;52(1):35-9.
72. Watson JA, **Englum BR**, Kim J, Adibe OO, Rice HE, Shapiro ML, Daneshmand MA, Tracy ET. Extracorporeal life support use in pediatric trauma: a review of the National Trauma Data Bank. *J Pediatr Surg* 2017;52(1):136-9.
73. **Englum BR**, He X, Gulack BC, Ganapathi AM, Mathew JP, Brennan JM, Reece TB, Keeling WB, Leshnowar BG, Chen EP, Jacobs JP, Thourani VH, Hughes GC. Hypothermia and cerebral protection strategies in aortic arch surgery: a comparative effectiveness analysis from the STS Adult Cardiac Surgery Database. *Eur J Cardiothorac Surg* 2017;52(3):492-8.
74. Ezekian B, **Englum B**, Gilmore BF, Nag UP, Kim J, Leraas HJ, Routh JC, Rice HE, Tracy ET. Renal medullary carcinoma: A national analysis of 159 patients. *Pediatr Blood Cancer* 2017;64(11).
75. Ezekian B, **Englum BR**, Gilmore BF, Kim J, Leraas HJ, Driscoll TA, Tracy ET, Rice HE. Children Receiving Hematopoietic Stem Cell Transplantation are at Increased Risk of Onychocryptosis Requiring Surgical Management. *J Pediatr Hematol Oncol* 2017;39(7):e353-e6.
76. Hirji SA, Gulack BC, **Englum BR**, Speicher PJ, Ganapathi AM, Osho AA, Shimpi RA, Perez A, Hartwig MG. Lung transplantation delays gastric motility in patients without prior gastrointestinal surgery-A single-center experience of 412 consecutive patients. *Clin Transplant* 2017;31(10).
77. Mulvihill MS, Gulack BC, Ganapathi AM, Speicher PJ, **Englum BR**, Hirji SA, Snyder LD, Davis RD, Hartwig MG. The association of donor age and survival is independent of ischemic time following deceased donor lung transplantation. *Clin Transplant* 2017;31(7).
78. Speicher PJ, **Englum BR**, Ganapathi AM, Wang X, Hartwig MG, D'Amico TA, Berry MF. Traveling to a High-volume Center is Associated With Improved Survival for Patients With Esophageal Cancer. *Ann Surg* 2017;265(4):743-9.
79. Ezekian B, **Englum BR**, Gulack BC, Rialon KL, Kim J, Talbot LJ, Adibe OO, Routh JC, Tracy ET, Rice HE. Comparing oncologic outcomes after minimally invasive and open surgery for pediatric neuroblastoma and Wilms tumor. *Pediatr Blood Cancer* 2018;65(1).
80. Lee TC, Kon Z, Cheema FH, Grau-Sepulveda MV, **Englum B**, Kim S, Chaudhuri PS, Thourani VH, Ailawadi G, Hughes GC, Williams ML, Brennan JM, Svensson L,

- Gammie JS. Contemporary management and outcomes of acute type A aortic dissection: An analysis of the STS adult cardiac surgery database. *J Card Surg* 2018;33(1):7-18.
81. Ezekian B, Leraas HJ, **Englum BR**, Gilmore BF, Reed C, Fitzgerald TN, Rice HE, Tracy ET. Outcomes of laparoscopic resection of Meckel's diverticulum are equivalent to open laparotomy. *J Pediatr Surg* 2019; 54(3): 507-510.
  82. Wagner MA, Wang H, Benrashid E, Keenan JE, Ganapathi AM, **Englum BR**, Hughes GC. Risk Prediction Model for Major Adverse Outcome in Proximal Thoracic Aortic Surgery. *Ann Thorac Surg* 2019; 107(3): 795-801.
  83. Kuza CM, Hirji SA, **Englum BR**, Ganapathi AM, Speicher PJ, Scarborough JE. Pancreatic Injuries in Abdominal Trauma in US Adults: Analysis of the National Trauma Data Bank on Management, Outcomes, and Predictors of Mortality. *Scand J Surg* 2019.

### Book Chapters

1. **Englum BR**, Hopkins MB, Migaly J. Technical Challenges: Reoperative Surgery in Ross, H., Lee, S., Mutch, M., Rivadeneira, D. E., & Steele, S. (Eds.). (2014). *Minimally Invasive Approaches to Colon and Rectal Disease: Technique and Best Practices*. Springer, 2014.

### Abstracts/Presentations

1. **Englum BR**, Bolorunduro O, Villegas C, Stevens K, Haut ER, Cornwell EE, Efron DT, Haider AH. "Relationship of Insurance Status to Hospital Length of Stay after Traumatic Injury." 5<sup>th</sup> Annual AAS/SUS Academic Surgical Congress, San Antonio, TX. February 2010.
2. **Englum B**, Villegas C, Stevens K, Haut ER, Efron DT, Haider AH. "Relationship of insurance status to discharge location after trauma." American College of Surgeons Annual Clinical Congress. Washington, DC. October 3-7, 2010. *J Am Coll Surgeons*. 2010;211(3):S98.
3. Schecter MA, Ganapathi AM, **Englum BR**, Hanna JM, Gaca JG, Koweek LM, Hughes GC. "Frailty Does Not Increase Risk in Thoracic Endovascular Aortic Repair." Society for Vascular Surgery Annual Meeting, San Francisco, CA, May 30-June 1, 2013. *J Vasc Surg* 2013;57(5):S41.
4. Castleberry AW, Irish WD, Ravindra KV, Vikraman DS, Sanoff SL, Worni M, Barbas AS, **Englum BR**, Ellis MJ, Patel UD, Sudan DL. "Trends in Usage and Outcomes For Expanded Criteria Donor Kidney Transplantation in the United States." American Transplant Congress, Seattle, WA, May 18-22, 2013. *Am J Transplant* 2013;13:125.
5. Speicher PJ, **Englum BR**, Lidsky M, Keenan J, Scarborough JE, Shapiro ML. "Cancer as an independent predictor or poor outcomes after major trauma". The 2013 Joint Annual Meeting of the North and South Carolina Chapters of the American College of Surgeons. Asheville, North Carolina. July 12-14, 2013.
6. Ganapathi AM, Speicher PJ, **Englum BR**, Scarborough JE, Pappas TN, Shapiro ML. "A comparative analysis of laparoscopic cholecystectomy in patients with and without heart

- failure”. The 2013 Joint Annual Meeting of the North and South Carolina Chapters of the American College of Surgeons. Asheville, North Carolina. July 12-14, 2013.
7. **Englum BR**, Rialon KL, Speicher PJ, Gulack B, Driscoll TA, Kreissman SG, Rice HE. “Value of surgical resection in children with high-risk neuroblastoma”. 2013 American Academy of Pediatrics (AAP) National Conference. Orlando, Florida, October 25-27, 2013.
  8. **Englum BR**, Schulte P, Gulack BC, Patel MR, Alexander JH, Smith PK. “Treatment Decisions for Coronary Artery Disease After Cardiac Catheterization.” American Heart Association. Dallas, Texas. November 16-21, 2013. *Circulation* 2013;128 (22):A11057.
  9. **Englum BR**, Ganapathi AM, Mallipeddi M, Speicher PJ, Mantyh CR, Migaly J. “Management and Outcome of Radiographic Pneumatosis.” The 9th Annual Academic Surgical Congress. San Diego, California. February 4-6, 2014.
  10. **Englum BR**, Ganapathi AM, Speicher PJ, Scarborough JE. “Trends and Factors in the Decision for Laparoscopic Surgery in the ACS-NSQIP.” The 9th Annual Academic Surgical Congress. San Diego, California. February 4-6, 2014.
  11. **Englum BR**, Speicher PJ, Ganapathi AM, Scarborough JE. “Wound Complications after Hernia Repair in Patients with Ascites: an Analysis of the ACS-NSQIP Database.” The 9th Annual Academic Surgical Congress. San Diego, California. February 4-6, 2014.
  12. Speicher PJ, **Englum BR**, Ganapathi AM, Onaitis MW, D’Amico TA, Berry MF. “Outcomes after treatment of locally advanced (T3N0-2) Non-Small Cell Lung Cancer: a population-based study of 17,378 patients”. The 50th Annual Meeting of the Society of Thoracic Surgeons. Orlando, Florida. January 25-29, 2014.
  13. Ganapathi AM, Castleberry AW, Speicher PJ, **Englum BR**, Osho A, Lin SS, Davis RD, Hartwig MG. “The effect of prior pneumonectomy or lobectomy on subsequent lung transplantation”. The 50th Annual Meeting of the Society of Thoracic Surgeons. Orlando, Florida. January 25-29, 2014.
  14. **Englum BR**, Pavlisko EN, Mack M, Ganapathi AM, Schechter MA, Hanna JM, Hughes GC. “Catastrophic immunologic reaction and pseudoaneurysm formation after stentless porcine aortic bioprosthetic implantation: a word of caution.” The 50th Annual Meeting of the Society of Thoracic Surgeons. Orlando, FL. January 25-29, 2014.
  15. Lee TC, Kon Z, Grau-Sepulveda MV, **Englum BR**, Thourani VH, Ailawadi G, Hughes GC, Williams ML, Cheema FH, Brennan JM, Svensson L, Gammie JS. “Contemporary Management and Outcomes Of Acute Type A Aortic Dissection: An Analysis Of The Society Of Thoracic Surgeons (STS) Adult Cardiac Surgery Database.” The 50th Annual Meeting of the Society of Thoracic Surgeons. Orlando, FL. January 25-29, 2014.
  16. Crestanello JA, Higgins RS, Sheng S, Saha-Chaudhuri P, **Englum BR**, Brennan JM, Thourani VH. “The association of chronic lung disease with early mortality and respiratory complications after AVR: What can we learn from the Society of Thoracic Surgeons National Database?” The 50th Annual Meeting of the Society of Thoracic Surgeons. Orlando, FL. January 25-29, 2014.

17. **Englum BR**, Speicher PJ, Ganapathi AM, Castleberry AW, Driscoll TA, Kreissman SG, Rice HE. "Complete resection of high-risk neuroblastoma with metastatic disease: a propensity analysis." 45<sup>th</sup> American Pediatric Surgical Association Meeting. Phoenix, Arizona. May 29-June 1, 2014.
18. **Englum BR**, Ganapathi AM, Speicher PJ, Scarborough JE. "Pancreatic Trauma in the United States: A Contemporary Appraisal." 2014 Americas Hepato-Pancreato-Biliary Association Annual Meeting. Miami Beach, FL. February 19-23, 2014.
19. **Englum BR**, Ganapathi AM, Speicher PJ, Gulack BC, Lin SS, Palmer SM, Snyder LD, Davis RD, Hartwig MG. "Donor and Recipient Hepatitis C Status in Lung Transplant." 34<sup>th</sup> Annual International Society for Heart and Lung Transplantation Meeting. April 10-13, 2014. *J Heart Lung Transpl* 2014;33(4):S182-3.
20. Gulack BC, Ganapathi AM, Speicher PJ, **Englum BR**, Snyder LD, Davis RD, Hartwig MG. "The Association of Donor Age and Survival Is Independent of Ischemic Time Following Cadaveric Lung Transplantation." 34<sup>th</sup> Annual International Society for Heart and Lung Transplantation Meeting. April 10-13, 2014. *J Heart Lung Transpl* 2015;34(4):S46.
21. Haney JC, Ganapathi AM, **Englum BR**, Speicher PJ, Gulack BC, Osho AA, Castleberry AW, Davis RD, Hartwig MG. "Donor Diabetes and Lung Transplant: Does It Matter?" 34<sup>th</sup> Annual International Society for Heart and Lung Transplantation Meeting. *J Heart Lung Transplant* 2014;33(4):S50.
22. **Englum BR**, Ganapathi AM, Schechter MA, Harrison JK, Glower DD, Hughes GC. "Risk Profile and Outcomes of Patients Undergoing Surgical Aortic Valve Replacement in the Pre- and Post-Transcatheter Aortic Valve Replacement Eras: Is 'Risk Creep' Occurring?" American Association for Thoracic Surgery 94th Annual Meeting. Toronto, ON, Canada. April 26-28, 2014.
23. Ganapathi AM, Speicher PJ, **Englum BR**, Castleberry AW, Hsu DS, Mantyh CR. "Treatment of T1 Node Positive Colon Cancer: An Analysis of National Treatment Patterns." American Society of Colon and Rectal Surgeons Annual Meeting. Hollywood, Florida. May 17-21, 2014.
24. Speicher PJ, **Englum BR**, Ganapathi AM, Mantyh CR, Migaly J. "Robotic Low Anterior Resection for Rectal Cancer and Short-term Oncologic Outcomes." The 55th Annual SSAT Meeting, Digestive Disease Week 2014. Chicago, Illinois. May 3-6, 2014.
25. Nussbaum DP, Speicher PJ, Ganapathi AM, **Englum BR**, Keenan JE, Mantyh CR, Migaly J. "Short-term Oncologic Outcomes Are Superior Following Laparoscopic Versus Open Low Anterior Resection for Rectal Cancer: Results from the National Cancer Database." The 55th Annual SSAT Meeting, Digestive Disease Week 2014. Chicago, Illinois. May 3-6, 2014.
26. Ganapathi AM, **Englum BR**, Speicher PJ, Castleberry AW, Thacker JKM, Mantyh CR, Migaly J. "The Effect of Surgical Approach on the Use of Adjuvant Chemotherapy Following Low Anterior Resection for Rectal Cancer." The 55th Annual SSAT Meeting, Digestive Disease Week 2014. Chicago, Illinois. May 3-6, 2014.

27. Mallipeddi MK, Speicher PJ, Ganapathi AM, **Englum BR**, Migaly J, Mantyh CR. "Response to Neoadjuvant Therapy Identifies Rectal Cancer Patients Most Likely to Benefit from Additional Adjuvant Therapy." The 55th Annual SSAT Meeting, Digestive Disease Week 2014. Chicago, Illinois. May 3-6, 2014.
28. **Englum BR**, Speicher PJ, Ganapathi AM, Castleberry AW, Thacker JKM, Mantyh CR, Migaly J. "Optimizing the Utilization of Adjuvant Chemotherapy Following Surgical Resection of Colon Cancer: A Comparison of Laparoscopic Versus Open Approach." The 55th Annual SSAT Meeting, Digestive Disease Week 2014. Chicago, Illinois. May 3-6, 2014.
29. Schechter MA, Ganapathi AM, **Englum BR**, Keenan JE, Wang H, Hughes GC, McCann RL. "Improved Long-Term Survival of EVAR Compared to Open Repair." Society for Vascular Surgery Annual Meeting. Chicago, IL, June 17-20, 2015. *J Vasc Surg* 2015;61(6):S130.
30. Hirji S, Gulack B, **Englum B**, Paul S, Asvin G, Osho A, Shimpi R, Perez A, Hartwig M. "Incidence of Delayed Gastric Emptying Following Lung Transplantation." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014; 14(S3): 801-2.
31. **Englum BR**, Schechter MA, Irish WD, Ravindra KV, Vikraman DS, Sanoff SL, Ellis MJ, Sudan DL, Patel UD. "Outcomes in Kidney Transplant Recipients from Older Living Donors." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014.
32. **Englum BR**, Castleberry AW, Irish WD, Ganapathi AM, Speicher PJ, Ravindra KV, Vikraman DS, Sanoff SL, Ellis MJ, Patel UD, Sudan DL. "Unexplained Variation in Center Use of Expanded Criteria Donor Kidney Transplantation in the United States." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:133.
33. Ganapathi A, **Englum B**, Speicher P, Hirji S, Gulack B, Osho A, Snyder L, Davis R, Hartwig M. "Transplant Size Mismatch in Restrictive Lung Disease." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:801.
34. Gulack B, Hirji S, **Englum B**, Speicher P, Ganapathi A, Osho A, Wood R, Perez A, Hartwig M. "Alterations in Esophageal Function Following Lung Transplantation." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:195.
35. Harris M, Irish W, Pura J, Barbas A, **Englum B**, Sanoff S, Ellis M, Vikraman D, Ravindra K, Kuchibhatla M, Sudan D, Patel U. "Comparative Effectiveness of Triple Immunosuppressive Therapy Versus Steroid Avoidance or Early Withdrawal Among Kidney Transplant Recipients Over Age 65." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:144-5.
36. Ravindra K, Sanoff S, Vikraman D, Patel U, **Englum B**, Schechter M, Rege A, Harris M, Ellis M, Sudan D, Irish W. "Impact of Lymphocyte Depleting Antibody(LDA) On Rate of Acute Rejection (AR) in Patients with Delayed Graft Function (DGF)." World

- Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:90.
37. Sanoff S, Ravindra K, Patel U, **Englum B**, Schechter M, Vikraman D, Harris M, Ellis M, Sudan D, Irish W. "A Simple Tool for Estimating Acute Rejection Risk Prior to Kidney Transplant." World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:139-40.
  38. Sanoff S, Ravindra K, Patel U, **Englum B**, Schechter M, Vikraman D, Harris M, Ellis M, Sudan D, Irish W. Is the Risk of Acute Rejection Associated with the Use of Induction Immune Suppression? World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:140.
  39. Schechter M, Englum B, Irish W, Sanoff S, Ravindra K, Vikraman D, Ellis M, Patel U, Sudan D. Resource Utilization for Kidney Transplantation From Time of Referral. World Transplant Congress 2014. San Francisco, CA. July 26-31, 2014. *Am J Transplant* 2014;14:247.
  40. Harskamp RE, Alexander JH, Hager R, **Englum B**, Schulte PJ, Peterson ED, Gibson CM, Califf RM, Ferguson TB, Lopes RD. "Predictors of and clinical outcomes after internal mammary artery graft failure: insights from the PREVENT-IV trial." Congress of the European Society of Cardiology. Barcelona, Spain. August 30-September 3, 2014. *Eur Heart J*. 2014, Sep; 35(S1): 1052-3.
  41. **Englum BR**, Ganapathi AM, Speicher PJ, Gulack BC, Kreissman SG, Driscoll TA, Rice HE. "Variation in care and outcomes among centers treating children with neuroblastoma." American Academy of Pediatrics. San Diego, California. October 11-13, 2014.
  42. **Englum BR**, Gulack BC, Rice HE, Scarborough JE, Adibe OO. "Management of Blunt Pancreatic Trauma of Children in the United States." American Academy of Pediatrics. San Diego, California. October. 11-13, 2014.
  43. Gulack BC, Speicher PJ, **Englum BR**, Nussbaum DP, Ganapathi A, Scarborough JE, Blazer DG. "Poor outcomes following emergent surgery for bowel obstruction in patients with disseminated malignancy." American College of Surgeons Annual Clinical Congress. San Francisco, CA. October 26-30, 2010. *J Am Coll Surgeons* 2014;219(4):e95-6.
  44. Rialon K, **Englum BR**, Gulack BC, Bhattacharya SD, Talbot L, Shapiro ML, Adibe OO, Rice HE, Scarborough JE. "Utilization of computed tomography in pediatric trauma: a comparison of trauma centers using the National Trauma Data Bank." American College of Surgeons Annual Clinical Congress. San Francisco, CA. October 26-30, 2010. *J Am Coll Surgeons* 2014;219(4):e130.
  45. **Englum BR**, Schulte PJ, Gulack BC, Gibson CM, Lopes RD, Mack MJ, Ferguson TB, Harrington RA, Smith PK, Alexander JH. "The use of coronary artery bypass grafts in non-significant lesions: Is there harm to patients?" American Heart Association. Chicago, Illinois. November 15-19, 2014. *Circulation* 2014;130(Suppl 2):A15473.

46. Brennan JM, O'Brien S, Milford-Beland S, Marinac-Dabic D, Rao S, Krucoff M, Normand S-L, Tsai T, Ross J, Nelson C, Canos DA, Eloff B, Sansing V, Torosyan Y, Xian Y, **Englum BR**, Ko L, Graham F, Peterson ED. "Comparison of Medicare Claims with Clinical Trial Outcomes for Follow-up of Older Individuals with Acute Coronary Syndrome." *Circ Cardiovasc Qual Outcomes* 2014;7(Suppl 1):A26.
47. **Englum BR**, Rice HE. "Hematologic Outcomes after Total Splenectomy and Partial Splenectomy for Congenital hemolytic Anemia." 46<sup>th</sup> American Pediatric Surgical Association Meeting. Fort Lauderdale, Florida. April 30-May 3, 2015.
48. **Englum BR**, Gulack BC, Rialon KL, Kim J, Talbot LJ, Adibe OO, Routh JC, Tracy ET, Rice HE. "Comparing oncologic outcomes after minimally invasive and open surgery for pediatric neuroblastoma and Wilms' tumor." American Academy of Pediatrics. Washington, DC. October. 24-27, 2015.
49. **Englum BR**, Gulack BC, Rialon KL, Kim J, Talbot LJ, Adibe OO, Routh JC, Tracy ET, Rice HE. "Malignant pediatric tumors of the kidney: not always Wilms' tumor." American Academy of Pediatrics. Washington, DC. October. 24-27, 2015.
50. Watson JA, **Englum BR**, Kim J, Adibe OO, Rice HE, Shapiro ML, Daneshmand MA, Tracy ET. Extracorporeal membrane oxygenation use in pediatric trauma: a report from the National Trauma Data Bank. American Pediatric Surgical Association Meeting 2016. San Diego, CA. May 15-17, 2016.
51. **Englum BR**, Rialon KL, Kim J, Shapiro ML, Scarborough JE, Rice HE, Adibe OO, Tracy ET. "Current use and outcomes of helicopter transport in pediatric trauma: A review of 18, 291 transports." American Pediatric Surgical Association Meeting 2016. San Diego, CA. May 15-17, 2016.

### **Manuscripts as investigator**

1. Gillinov AM, Bagiella E, Moskowitz AJ, Raiten JM, Groh MA, Bowdish ME, Ailawadi G, Kirkwood KA, Perrault LP, Parides MK, Smith RL, 2nd, Kern JA, Dussault G, Hackmann AE, Jeffries NO, Miller MA, Taddei-Peters WC, Rose EA, Weisel RD, Williams DL, Mangusan RF, Argenziano M, Moquete EG, O'Sullivan KL, Pellerin M, Shah KJ, Gammie JS, Mayer ML, Voisine P, Gelijns AC, O'Gara PT, Mack MJ. Rate Control versus Rhythm Control for Atrial Fibrillation after Cardiac Surgery. *N Engl J Med* 2016;374(20):1911-21.

### **LEADERSHIP EXPERIENCE AND COMMUNITY ACTIVITIES**

#### **Physician Assistant Instructor, Durham, NC**

**2012-2014**

- Developed curriculum, presented lectures, lead class discussions and hands on surgical activities for PA students during their surgery course

#### **Spanish Clinic Volunteer, East Baltimore Medical Clinic, Baltimore, MD**

**2007-2009**

- Worked as a translator and a supervised clinician in a predominantly Spanish-speaking free-clinic



**DreamWorks Academy Mentor**, Collington Elementary, Baltimore, MD **2006-2008**

- Mentored 10-year-old youth in after-school program, with a focus on confidence building and character development

**Little League Coach**, Roland Park Little League, Baltimore, MD **2007**

- Coached and mentored the 9- and 10-year-old Roland Park Shamrocks baseball team

**Peace Corps Volunteer**, Benin, West Africa **2003-2005**

- Community Health Organizer –conceived, organized, and supported various health programs including:
  - Village-based latrine construction
  - School-based and community-based HIV/AIDS awareness and education
  - Regional polio vaccination campaign
  - Village-based maternal and infant health monitoring and education
- Volunteer Trainer –trained and mentored incoming Peace Corps volunteers as they experienced a new culture, language, and lifestyle

**Team Captain**, Indiana Univ. Men’s Rugby Team, Bloomington, IN **2001-2003**

- Served as team leader, assistant coach, and link between players, coaches, and referees for nationally ranked rugby team
- Collegiate All-American Team, 2000

#### **LANGUAGE PROFICIENCY**

**French** –fluent

**Spanish** –functional

**Baatonum** –functional