

CURRICULUM VITAE

Tamara N. Fitzgerald

Tamara.Fitzgerald@Duke.edu

EDUCATION

- 1993 – 1997 B.S., Biomedical Engineering, Boston University, Boston, MA
1997 – 2004 M.D., Doctor of Medicine, Boston University School of Medicine, Boston, MA
1997 – 2004 Ph.D., Biomedical Engineering, Boston University, Boston, MA
2022 ALICE Leadership Program, Duke University School of Medicine, Durham, NC

POST-DOCTORAL TRAINING

- 2004 – 2011 Resident in Surgery, Yale-New Haven Hospital, New Haven, CT
2006 – 2008 Research Fellowship, Yale University, New Haven, CT
2011 – 2013 Fellow in Pediatric Surgery, Yale-New Haven Hospital, New Haven CT

LICENSURE AND CERTIFICATION

- 2007 - 2014 Department of Public Health, State of Connecticut (#045990)
2012 - present American Board of Surgery, General Surgery (#057491)
2013 - present Ministry of Health, Kampala, Uganda (#H-2833T)
2013 – 2017 Department of Public Health, State of Texas (#p7273)
2015 - present American Board of Surgery, Pediatric Surgery (#001292)
2017 - present North Carolina Medical Board, Physician License (#2017-01034)

GRANT SUPPORT

- 2006 – 2008 NIH Post-doctoral National Research Service Award (F32 HL086086); Principal Investigator; \$55,648 direct costs / 2 years
2006 – 2008 NIH Loan Repayment Program; Principal Investigator; \$26,000 loan repayment / 2 years
2006 – 2007 Ohse Fellowship, Yale University School of Medicine; Principal Investigator; \$5000 / 1 year
2006 – 2007 You Belong in Connecticut Loan Repayment Program; Principal Investigator; \$8000 / 1 year
2018 – 2019 Bass Connections in Global Health; “Low-cost laparoscopy with tele-mentoring for low-income countries”; Principle Investigator; \$20,000 / 1 year
2018 – 2019 Duke Global Health Institute and Duke Cancer Institute, “Improving Pediatric Oncology Outcomes Through Enhanced Nutrition: A Pilot Study in Uganda and Tanzania”; Co-Principal Investigator; \$19,785 direct costs / 1 year
2019 – 2020 Bass Connections; “Sustainable laparoscopic surgery for low- and middle-income countries: FDA Approval and Business Model for Access”; Principle Investigator; \$25,000 / 1 year
2019 – 2020 Association for Academic Surgery; “Mobile Health Program to Revolutionize Pediatric Surgery in Uganda”; Principle Investigator; \$20,000 / 1 year
2019 – 2020 Duke/Duke-NUS Collaboration Pilot Grant; “Increasing accessibility of laparoscopic surgery in LMICs”; Principle Investigator; \$200,000 / 1 year

- 2020 – 2021 Bass Connections; “Increasing access to laparoscopic surgery in low-income countries”; Principle Investigator; \$25,000 / 1 year
- 2021 – 2023 NIH R21 CA249696-01A1. "Increasing Access to Laparoscopic Surgery in Low- and Middle-Income Countries"; Principle Investigator; \$410,370 / 2 years
- 2021 – 2022 Bass Connections; “Implementing Sustainable Laparoscopy in Low-Income Countries”; Principle Investigator; \$20,000 / 1 year
- 2021 – 2022 Duke Global Course Development Grant, “Global Surgical Care – GHLTH 673”; Co-Investigator; \$5000 / 1 year
- 2022 – 2027 NIH 1U01-CA269190-01. “KeySuite: The Key to Sustainable Cancer Diagnosis and Treatment in Uganda”; Principle Investigator; \$2,621,330 / 5 years.
- 2022 – 2023 Duke Global Health Institute Visiting Scholar (International Partner – Julius Mugaga), \$8074 / 3 months.

GRANT SUPPORT OBTAINED BY INTERNATIONAL PARTNERS OR MENTEES

- 2020 – 2021 2019-2020 Big Ideas; “Gastro-Bag Project”; Co-Investigator \$5000 / 1 year
*Submitted by Olivia Peace Nabuuma, student at Makerere University
- 2020 – 2021 BME-IDEA International Students Grants Program, VentureWell Grants; “Saving Intestines at Birth: Gastroschisis Silos for Sub-Saharan Africa (#20538-20); Co-Investigator \$9000 / 1 year
* **SUBMITTED BY UNDERGRADUATE BME STUDENTS AT DUKE UNIVERSITY**
- 2020 – 2021 Makerere University Research and Innovations Fund; “Saving Intestines at Birth: Management of Gastroschisis among neonates in Uganda using a low-cost silo bag”; Co-Investigator UGX 70 million (\$18,998 USD) / 1 year
*Submitted by Robert Ssekitleko, Lecturer in Biomed Eng., Makerere University
- 2021 – 2022 Baquerizo Innovation Grant, “Saving Intestines at Birth”; Co-Investigator \$14,500 / 1 year *Submitted by Arushi Biswas, Caroline Salzman, Patrick Wilson
- 2021 Winners of 2021 Bay Area Global Health Innovation Challenge. *Arushi Biswas and Caroline Salzman. \$10,000 prize.
- 2022 Duke Global Health Institute 3rd Year Medical Student Research Grants “The Burden of War-Related Lower Limb Amputations in Children in Gaza”; Anika Gnaedinger, \$15,000.
- 2022 “A mixed-methods assessment of neonatal intensive care units in Uganda”, Duke Global Health Institute; Stella Nimanya – PI, \$25,000.

U.S. PATENTS

1. **Fitzgerald T**, Mueller J. Low Cost Laparoscope. Provisional Patent 63/028,718. PCT Application No. PCT/US2021/027775.
2. **Fitzgerald T**, Brown E, Gupta A, Mueller J. Retractor for Gasless Laparoscopy. Provisional Patent 63/025,266. PCT Application No. PCT/US2021/032455.

INTERNATIONAL MEDICAL WORK

May 2004 General Surgery, Bansa Baptist Hospital in Kumbo, Cameroon
2013 - present Teaching in Pediatric Surgery, Mulago, Mbarara and Soroti Hospitals in Uganda
March 2015 Teaching in Pediatric Surgery, Hospital Materno Infantil, Cochabamba, Bolivia
Dec 2015 Medical Education Consulting, Iris Ministries in Pemba, Mozambique
August 2016 Teaching in Pediatric Surgery, Kijabe Hospital, Kenya
January 2017 Teaching in Pediatric Surgery, Malamulo Adventist Hospital, Makwasa Malawi

POSITIONS HELD

2013 - 2017 Assistant Professor of Pediatric Surgery, Texas Tech University Health Sciences
2015 - 2017 Vice Chief of Surgery, El Paso Children's Hospital, El Paso TX
2017 - 2020 Assistant Professor in Surgery, Duke University, Durham NC
2018 - 2020 Assistant Research Professor in Global Health, Duke University, Durham NC
2020-present Associate Professor in Surgery and Global Health, Duke University, Durham NC
2021-present Faculty Affiliate, Duke University Theology, Medicine and Culture Program

COMMITTEES AND UNIVERSITY SERVICE

2013-2017 Prospective Medical Student Interviewer, Paul Foster School of Medicine
2014-2015 Member, Global Health Committee, Texas Tech UHSC
2014-2015 Mentor, Medical Student Diversity Mentorship Program, Texas Tech UHSC
2015-2017 Member, Credentialing Committee, Texas Tech El Paso UHSC
2015-2017 Member, Ethics Committee, El Paso Children's Hospital, El Paso TX
2015-2017 Member, Global Health Council, Texas Tech El Paso, UHSC, El Paso TX
2015-2017 Assistant Director, Medical Student Surgery Clerkship, Paul Foster SOM
2015-2017 Member, Clinical Research Committee, El Paso Children's Hospital
2015-2016 Member, Neonatology Faculty Search Committee, TTUSC, El Paso TX
2016-2018 Member, Global Pediatric Surgery Committee, American Pediatric Surg Assoc.
2017 Chair, Global Health Council, Paul Foster School of Medicine, El Paso TX
2017-2019 Member, AAP Committee on Delivery of Surgical Care (global section)
2018-2020 Member, Global Affairs Committee, Association for Academic Surgery
2018-2020 Vice-Chair, Global Pediatric Surgery Committee, APSA
2020-present Chair, Global Pediatric Surgery Committee, APSA
2021 Member, Global Clinical Research Trials Task Force, Duke University
2022 Member, SEEDS DEI Faculty Recruitment Working Group
2022 Member, Advisory Committee for the Hubert-Yeargan Center for Global Health

PROFESSIONAL ASSOCIATIONS

1994-1995 Secretary, Society of Women Engineers at Boston University, Boston MA
1995-1996 Vice-president, Society of Women Engineers at Boston University, Boston MA
1996-1997 President, Society of Women Engineers at Boston University, Boston MA
1998-1999 Student Advisor, Boston University School of Medicine, Boston MA
2000 -2004 Big Sister, Big Sister Association of Greater Boston, Boston MA
2005 - 2016 Member, American College of Surgeons

2005-present Member, Yale Surgical Society, New Haven CT
 2008 - 2013 Member, New Haven County Medical Association
 2008 - 2013 Member, Connecticut State Medical Society
 2011 - 2013 Board Member, Pathways for Mutual Respect, New Haven CT
 2015 - 2017 Member, Laura W. Bush Institute for Women's Health
 2015-present Member, American Pediatric Surgical Association
 2015-present Member, Community of Interest for Iris University, Pemba Mozambique
 2016-present Faculty, American College of Surgeons
 2016-present Fellow, American Academy of Pediatrics
 2017-present Member, Global Initiative in Children's Surgery
 2017-present Member, Association for Academic Surgery
 2019- 2021 Board Member, Institute of Global Healthcare Missions
 2021-present Institutional Representative, Association of Academic Global Surgery
 2022-present Member, Society of University Surgeons

TEACHING EXPERIENCE

1997 - 1998 Teaching Assistant, Boston University, Boston MA
 1999 – 2001 Teaching Fellow in Biomedical Engineering, Boston University, Boston MA
 2014 – 2017 Teaching Faculty, Laparoscopic Surgical Simulation, Advanced Surgical Anatomy Course at Paul L Foster School of Medicine, El Paso, Texas
 2017- present Course Director Pediatric Surgery Medical Student Clerkship (SURGERY 426C)
 2017 -present Course Director, Advanced Clerkship in Pediatric Surgery (SURGERY 426C)
 2018- present Co-Course Director, Global Surgical Care (GLHTH 673S)
 2018- present Course Director, Connections in Global Health (GLHLTH 365;396;795;796)
 2018-2019 Course Director, Independent Study in Global Health (GLHTH 791)
 2020-2021 Faculty Participant, New Venture Clinic, Office of Licensing & Ventures

AWARDS

1996 1st Place, Society of Women Engineers Regional Technical Paper Competition
 1996 2nd Place, Society of Women Engineers Technical Presentation, Seattle WA
 1994, 1997 Student Leader Award, Boston University College of Engineering, 1994 & 1997
 1996 Harold C. Case Scholar, Office of the President, Boston University, Boston MA
 1996 Member, Alpha Eta Mu Beta, Biomedical Engineering Honor Society
 1997 Adam M. Miller Award in Biomedical Engineering, Boston University
 1998 Scholarship Recipient, Boston University Women's Graduate Club, Boston MA
 1998 Best Poster Presentation, Computers in Cardiology, Cleveland OH
 2001 Finalist, Young Investigator Competition, Computers in Cardiology, Rotterdam
 2019 Best Poster (People's Choice), Bass Connections Showcase, Duke University
 2019 Best Innovation, Innovation Jam, Duke Institute for Health Innovation
 2022 Society of University Surgeons (SUS) Global Surgery Scholar Award
 2022 Finalist, Bass Connections Leadership Award, Duke University

EDITORIAL EXPERIENCE

2021-present Member, Editorial Board, World Journal of Surgery, 2021-present.
2020 Guest Editor for PLOS ONE
2019 Guest Editor for World Journal of Surgery, Special Issue on Global Pediatric Surgery

Ad Hoc Reviewer for:

Annals of Biomedical Engineering

Vascular Medicine

Stroke

International Journal of Surgery Case Reports

La Pediatria Medica e Chirurgica (Medical and Surgical Pediatrics)

Journal of Pediatrics and Child Health

British Medical Journal Case Reports

World Journal of Surgery

Journal of Surgical Research

Journal of Pediatric Surgery

Traffic Injury Prevention

PLOS ONE

Medical Devices: Evidence and Research

The Surgery Journal

American Journal of Public Health

Archives of Public Health

African Journal of Pediatric Surgery

Journal of Translational Engineering in Health and Medicine

American Surgeon

CONTINUING MEDICAL EDUCATION (CME):

Fitzgerald TN. Safety of carotid endarterectomy in a high risk population: Lessons from the VA and Connecticut. *Journal of the American College of Surgeons* September CME on-line (2008).

Fitzgerald TN. Circumcision and Abnormalities of the Urethra, Penis and Scrotum. The Pediatric Surgery SCORE Portal. <http://www.surgicalcore.org>. Published January 2017. (in press)

Zafar N, **Fitzgerald TN.** “Global Surgery Research Breakout Session” at the 29th Annual Fundamentals of Surgical Research Course, AAS 2018 Fall Courses, Boston, MA.

Fitzgerald TN. “Neonatal Circumcision”, Workshop on Circumcision, Aga Khan University, Karachi, Pakistan, February 2019.

INVITED COMMENTARY AND EDITORIALS:

Ellis D, Fitzgerald TN. Invited Commentary on: Clinical Assessment of Pediatric Patients with Differentiated Thyroid Carcinoma: A 30-Year Experience at the Single Institution. *World J Surg* 2020 Oct;44(10):3393-3394

Commander SJ, **Fitzgerald TN.** Commentary on: Familial Non-Medullary Thyroid Carcinoma in pediatric age: our surgical experience. *World J Surg* Aug;45(8):2480-2481

Fitzgerald TN. Influential Women in Surgery: Biography of Dr. Sr. Mary Margaret Ajiko. *World J Surg* 2021 Oct;45(10):2953-2954.

Oyania F, **Fitzgerald TN.** Publish or perish but pursue decolonization: The complexities of global surgery authorship. *World J Surg* 2022 Oct;46(10):2326-2327.

BOOK CHAPTERS

1. **Fitzgerald TN,** Muhs BE, Dardik A. Aortocaval Fistula. In Upchurch and Criado: *Aortic Aneurysms: Pathogenesis and Treatment*. Totowa, NJ: Humana Press Inc., 2008, 309-314.

2. **Fitzgerald TN,** Dardik A. High Risk – What does it mean? In Pearce, Matsumura, Morasch and Yeo: *Vascular Surgery – A Manual for Survival*. Evanston, IL: Greenwood Academic, 2009, 29 - 44.

3. **Fitzgerald TN,** Dardik A. Preoperative Management. In Cronenwett and Johnston: *Rutherford's Vascular Surgery 7th Edition*. Oxford: W.B. Saunders, 2010, 462 - 472.

4. Protack CD, **Fitzgerald TN,** Brenes R, Li X, Dardik A. Does a high risk patient for carotid endarterectomy (CEA) exist? In Becquemin: *Controversies and Updates in Vascular surgery*. Torino, 2011, 287-295.

5. **Fitzgerald TN,** Moss RL. Clinical Outcomes Evaluation and Quality Improvement. In Coran, Adzick, Krummel, Laberge, Shamberger and Caldamone. *Pediatric Surgery 7th Edition*. Philadelphia, PA, 2012; 227 - 236.

6. **Fitzgerald TN.** Thoracic Injuries in Children. In Fuhrman and Zimmerman. *Pediatric Critical Care 5th Edition*. Philadelphia, PA, 2017; 1638-1643.

7. **Fitzgerald TN,** Slater B. Circumcision. In *Pediatric Surgery NaT (Not a Textbook)*. pedsurglibrary.com, 2017.

8. **Fitzgerald TN,** Nwomeh B, Farmer D, Butler M, Kisa P, Murrell ZC, Meyer T, Tsai AY, Novotny NM, Krishnaswami S, Sanchez J, Jensen G. Global Surgery. In *Pediatric Surgery NaT (Not a Textbook)*. Pedsurglibrary.com, 2019.

9. Kakembo N, Meier DE, **Fitzgerald TN**. Choledochal Cyst. In Ameh, Bickler, Lakhoo, Nwomeh and Poenaru. *Paediatric Surgery: A Comprehensive Text foKr Africa 2nd Edition*. Switzerland, AG, 2020; 857-863.
10. Rouma BS, Meier DE, **Fitzgerald TN**. Cholelithiasis. In Ameh, Bickler, Lakhoo, Nwomeh and Poenaru. *Paediatric Surgery: A Comprehensive Text for Africa 2nd Edition*. Switzerland, AG, 2020; 865-871.
11. Reed CR, **Fitzgerald TN**. Pediatric Thoracic Trauma. In Zimmerman and Rotta. *Pediatric Critical Care 6th Edition: Environmental Energy and Trauma*. Philadelphia, PA, 2019 (in press).

PEER REVIEWED PUBLICATIONS

1. **Fitzgerald TN**, Rhee EK, Brooks DH, Triedman JK. Estimation of cardiac conduction velocities using small data sets. *Annals of Biomedical Engineering* 2003 31(3):1-12.
2. **Fitzgerald TN**, Brooks DH, Triedman JK. Comparative psychometric analysis of vector and isochrone cardiac activation maps. *IEEE Trans Biomed Eng.* 2004 May;51(5):847-55.
3. **Fitzgerald TN**, Brooks DH, Triedman JK. Identification of cardiac rhythm features by mathematical analysis of vector fields. *IEEE Trans Biomed Eng.* 2005 Jan;52(1):19-29.
4. **Fitzgerald TN**, Muto A, Kudo FA, Pimiento JM, Constable RT, Dardik A. Emerging vascular applications of magnetic resonance imaging: a picture is worth more than a thousand words. *Vascular.* 2006 Nov-Dec;14(6):366-71.
5. Muto A, **Fitzgerald TN**, Pimiento JM, Maloney SP, Teso D, Paszkowiak JJ, Westvik TS, Kudo FA, Nishibe T, Dardik A. Smooth muscle cell signal transduction: implications of vascular biology for vascular surgeons. *J Vasc Surg.* 2007 Jun;45 Suppl A:A15-24.
6. Kudo FA, Muto A, Maloney SP, Pimiento JM, Bergaya S, **Fitzgerald TN**, Westvik TS, Frattini JC, Breuer CK, Cha CH, Nishibe T, Tellides G, Sessa WC, Dardik A. Venous identity is lost but arterial identity is not gained during vein graft adaptation. *Arterioscler Thromb Vasc Biol.* 2007 Jul;27(7):1562-71.
7. Magri D, Fancher TT, **Fitzgerald TN**, Muto A, Dardik A. Endothelial progenitor cells: a primer for vascular surgeons. *Vascular.* 2007 Nov-Dec;15(6):384-94.
8. Pimiento JM, Maloney SP, Tang PC, Muto A, Westvik TS, **Fitzgerald TN**, Fancher TT, Tellides G, Dardik A. Endothelial Nitric Oxide Synthase Stimulates Aneurysm Growth in Aged Mice. *J Vasc Res.* 2008 Jan 10;45(3):251-258.
9. **Fitzgerald TN**, Shepherd BR, Asada H, Teso D, Muto A, Fancher T, Pimiento JM, Maloney SP, Dardik A. Laminar shear stress stimulates vascular smooth muscle cell apoptosis via the Akt pathway. *J Cell Physiol.* 2008 Aug; 216(2):389-95.

10. Fancher TT, Muto A, Fitzgerald TN, Magri D, Gortler D, Nishibe T, Dardik A. Control of blood vessel identity: from embryo to adult. *Ann Vasc Dis.* 2008 Feb; 1(1):28-34.
11. Berman L, Carling T, **Fitzgerald TN**, Bell RL, Duffy AJ, Longo WE, Roberts KE. Defining surgical therapy for pseudomembranous colitis with toxic megacolon. *J Clin Gastroenterol.* 2008 May-Jun;42(5):476-80.
12. **Fitzgerald TN**, Duffy AJ, Bell RL, Berman L, Longo WE, Roberts KE. Computer-Based Endoscopy Simulation: Emerging Roles in Teaching and Professional Skills Assessment. *J Surg Ed* 2008 May-Jun;65(3):229-35.
13. **Fitzgerald TN**, Popp C, Federman DG, Dardik A. Success of carotid endarterectomy in veterans: High medical risk does not equate with high surgical risk. *JACS* 2008 Aug, 207(2):219-226.
14. Westvik TS, **Fitzgerald TN**, Muto A, Maloney SP, Pimiento JM, Fancher TT, Magri D, Westvik HH, Nishibe T, Velazquez OC, Dardik A. Limb ischemia after iliac ligation in aged mice stimulates angiogenesis without arteriogenesis. *J Vasc Surg.* 2009 Feb; 49(2):21-7.
15. **Fitzgerald TN**, Popp C, Federman DG, Dardik A. Lipid goal achievement and trends in lipid-lowering therapy in veterans undergoing carotid endarterectomy. *Vasc Med.* 2009; 14(1):21-7.
16. Muto A, Kondo Y, Pimiento JM, **Fitzgerald TN**, Dardik A, Nishibe T. Vasodilator response correlates with outcome in chronic critical limb ischemia. *J Surg Res.* 2010; 161:156–161.
17. Bazan HA, Lu Y, Thoppil D, **Fitzgerald TN**, Hong S, Dardik A. Diminished Omega-3 Fatty Acids are Associated with Carotid Plaques from Neurologically Symptomatic Patients: Implications for Carotid Interventions. *Vascul Pharmacol.* 2009; 51(5-6):331-6.
18. Magri D, Vasilas P, Muto A, **Fitzgerald TN**, Fancher TT, Feinstein AJ, Nishibe T, Dardik A. Elevated monocytes in patients with critical limb ischemia diminish after bypass surgery. *J Surg Res.* 2011 May 1;167(1):140-50.
19. Chaar CI, **Fitzgerald TN**, Dewan M, Huddle M, Schlosser FJ, Perkal M, Muhs BE, Dardik A. Endovascular aneurysm repair is associated with less malnutrition than open abdominal aortic aneurysm repair. *Am J Surg.* 2009 Nov; 198(5):623-7.
20. **Fitzgerald TN**, Muto A, Fancher TT, Brown PB, Martin KA, Muhs BE, Rothman DL, Constable RT, Sampath S, Dardik A. Surgically Implantable Magnetic Resonance Angiography Coils Improve Resolution to Allow Visualization of Blood Flow Dynamics. *Annals of Vascular Surgery* 2010 Feb; 24(2):242-53.

21. Malhotra Y, **Fitzgerald TN**, Jubinsky PT, Harper H, Silva CT, Zambrano E, Diefenbach KA, Moss RL, Bhandari. A unique case of rhabdoid tumor presenting as hemoperitoneum in an infant. *J Pediatr Surg*. 2011 Jan; 46(1):247-51.
22. Cameron DB, Scherl A, **Fitzgerald T**, Ozgediz D. Colonic Diverticulitis in a 19-Year-Old Boy With Juvenile Idiopathic Arthritis: Surgical Implications of Chronic Immunosuppression. *J Pediatr Gastroenterol Nutr*. 2016 Feb;62(2):e15-7
23. Chacon-Quesada T, Rodriguez GJ, Maud A, Ramos-Duran L, Torabi A, **Fitzgerald T**, Akle N, Cruz Flores S, Trier T. Trans-arterial onyx embolization of a functional thoracic paraganglioma. *Neurointervention*. 2015 Feb; 10(1): 34-8.
24. Kakembo N, Kisa P, **Fitzgerald T**, Ozgediz D, Sekabira J. Colonic polyposis in a 15 year-old boy: Challenges and lessons from a rural resource-poor area. *Ann Med Surg (Lond)*. 2016 Mar 29;7:75-8.
25. Meier DE, **Fitzgerald TN**, Axt JR. A practical guide for short-term pediatric surgery global volunteers. *J Pediatr Surg*. 2016 Aug;51(8):1380-4.
26. Wesonga AS, **Fitzgerald TN**, Kabuye R, Kirunda S, Langer M, Kakembo N, Ozgediz D, Sekabira J. Gastroschisis in Uganda: Opportunities for improved survival. *J Pediatr Surg*. 2016 Nov;51(11):1772-1777.
27. Ricci C, Velimirovic BM, **Fitzgerald TN**. Case report of migration of 2 ventriculoperitoneal shunt catheters to the scrotum: Use of an inguinal incision for retrieval, diagnostic laparoscopy and hernia repair. *Int J Surg Case Rep*. 2016; 29:219-222.
28. Donley DK, Graybill CK, Fekadu A, **Fitzgerald TN**, Hayton RA. Transition to practice: A global surgery approach. *J Surg Educ*. 2017; Aug 9. pii: S1931-7204(17)30350-1.
29. Hayton RA, Donley DK, Fekadu A, Woods BK, Graybill CK, **Fitzgerald TN**. Surgical volunteerism as a collaborative teaching activity can benefit surgical residents in low-middle income countries. *Int J Surg*. 2017 Oct 7; 48:34-37.
30. Agochukwu N, **Fitzgerald T**, Alomari AK, Christison-Lagay E. Papillary cystadenoma of the epididymis in a 12-year-old survivor of stage IV neuroblastoma. *J Ped Surg Case Reports* 2018; 31:49-51.
31. Schrodtt A, Huynh T, **Fitzgerald TN**. Factors associated with poor child motor vehicle restraint on the USA-Mexico border. *J Trauma Nurs* 2018; Mar/Apr;25(2):75-82.
32. Muzira A, Kakembo N, Kisa P, Langer M, Sekabira J, Ozgediz D, **Fitzgerald TN**. The socioeconomic impact of a pediatric ostomy in Uganda. *Ped Surg Intl* 2018 Apr;34(4):457-466.
33. Butler M, Drum E, Evans FM, **Fitzgerald T**, Frasure J, Holterman A, Jen H, Kynes JM, Kreiss J, McClain CD, Newton M, Nwomeh B, O'Neill J, Ozgediz D, Politis G, Rice H,

Rothstein D, Sanchez J, Singleton M, Yudkowitzr FS. Guidelines and checklists for short-term missions in global pediatric surgery: Recommendations from the American Academy of Pediatrics Delivery of Surgical Care Global Health Subcommittee, American Pediatric Surgical Association Global Pediatric Surgery Committee, Society for Pediatric Anesthesia Committee on International Education and Service, and American Pediatric Surgery Nursing Association Global Health Special Interest Group. *J Pediatr Surg.* 2018 Apr;53(4):828-836.

34. Baird R, Pandya K, Lal DR, Calkins CM, Oldham KT, Tsai A, Naik-Mathuria B, St-Louis E, Luc MK, LaRusso K, Petroze R, Lofberg KM, Biller CK, Villalona GA, Gourlay DM, Klein M, DeUgarte D, Cleary M, Berdan EA, Siddiqui S, Lo A, Langer M, Duffy D, Blair G, Beres A, Laberge JM, Berdan EA, Radulescu A, Holterman A, Hoover JD, **Fitzgerald T**, Ganey M, Krishnaswami S, Ozgediz D. Regarding global pediatric surgery training opportunities. *J Pediatr Surg.* 2018 Jun;53(6):1256-1258.

35. 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 Mar;54(3):507-510.

36. Vo L, Anderson C, Thomas S, Vernia H, Howe JK, Tyroch AH, **Fitzgerald TN**. Pediatric penetrating trauma on the USA-Mexico border: Hispanic ethnicity is not a risk factor. *Injury* 2018 Jul; 49(7):1358-1264.

37. Anderson C, Peskoe S, Parmer M, Eddy N, Howe J, **Fitzgerald TN**. Children with appendicitis on the US-Mexico border have socioeconomic challenges and are best served by a freestanding children's hospital. *Pediatr Surg Int.* 2018 Dec;34(12):1269-1280.

38. Johnston BE, Lou-Meda R, Mendez S, Frush K, Milne , **Fitzgerald TN**, Sexton JB, Rice HE. Teaching patient safety in global health: Lessons from the Duke Global Health Patient Safety Fellowship. *BMJ Glob Health.* 2019 Feb 20;4(1):e001220.

39. Leposa T, Johnston B, Dogar S, Rice H, **Fitzgerald T**. Global surgery: Building healthy surgical systems. *J Pak Med Assoc.* 2019 Feb;69(Suppl 1)(1):S90-S94.

40. Qazi SH, Dogar SA, Dogar SA, **Fitzgerald T**, Saleem A, Das JK. Global perspective of paediatric surgery in low- and middle-income countries. *J Pak Med Assoc.* 2019 Feb;69 (Suppl 1)(1):S108-S111.

41. **Global Initiative for Children's Surgery.** Global Initiative for Children's Surgery: A Model of Global Collaboration to Advance the Surgical Care of Children. *World J Surg.* 2019 Jun;43(6):1416-1425.

42. **Global Initiative for Children's Surgery.** Optimal Resources for Children's Surgical Care: Executive Summary. *World J Surg.* 2019 Apr;43(4):978-980.

43. Kisa P, Grabski DF, Ozgediz D, Ajiko M, Aspide R, Baird R, Barker G, Birabwa-Male D, Blair G, Cameron B, Cheung M, Cigliano B, Cunningham D, D'Agostino S, Duffy D, Evans F,

- Fitzgerald TN**, Galiwango G, Gerolmini D, Gerolmini M, Kakembo N, Kambugu JB, Lakhoo K, Langer M, Muhumuza MF, Muzira A, Nabukenya MT, Naik-Mathuria B, Nakku D, Nankunda J, Ogwang M, Okello I, Penny N, Reimer E, Sabatini C, Sekabira J, Situma M, Ssenyonga P, Tumukunde J, Villalona G. Unifying Children's Surgery and Anesthesia Stakeholders Across Institutions and Clinical Disciplines: Challenges and Solutions from Uganda. *World J Surg.* 2019 Jun;43(6):1435-1449.
44. **Fitzgerald TN**, Rice HE. Investing in all of Our Children: Global Pediatric Surgery for the Twenty-First Century. *World J Surg.* 2019 Jun;43(6):1401-1403.
45. Reed CR, Williamson H, Vatsaas C, Kamyszek R, Leraas HJ, Ray C, Otto J, **Fitzgerald T**, Agarwal S, Tracy ET. Higher mortality in pediatric and adult trauma patients with traumatic coagulopathy, using age-adjusted diagnostic criteria. *Surgery.* 2019 Jun; 165(6):1108-1115.
46. Kakembo N, Grabski DF, **Fitzgerald TN**, Muzira A, Cheung M, Kisa P, Sekabira J, Ozgediz D. Burden of Surgical Infections in a Tertiary-Care Pediatric Surgery Service in Uganda. *Surg Infect (Larchmt).* 2020 Mar; 21(2):130-135.
47. Ullrich SJ, Kakembo N, Grabski DF, Cheung M, Kisa P, Nabukenya M, Tumukunde J, **Fitzgerald TN**, Langer M, Situma M, Sekabira J, Ozgediz D. Burden and Outcomes of Neonatal Surgery in Uganda: Results of a Five-Year Prospective Study. *J Surg Res.* 2019 Sep 25;246:93-99.
48. Reed C, Kakembo N, Kisa P, Commander SJ, Wessonga AS, Langer M, Villalona G, Ozgediz D, Sekabira, **Fitzgerald TN**. Comparison of Ugandan and North American pediatric surgery fellows' operative experience: Opportunities for global training exchange. *J Surg Educ* May-Jun 2020; 77(3):606-614.
49. Scheiner A, Rickard JL, Nwomeh B, Jawa RS, Ginzburg E, **Fitzgerald TN**, Charles A, Bekele A. Global surgery pro-con debate: A pathway to bilateral academic success or the bold new face of colonialism? *J Surg Res* 2020 Aug; 252: 272-280.
*Listed as a Featured Article in Journal of Surgical Research
50. Arivoli M, Biswas A, Burroughs N, Wilson P, Salzman C, Kakembo N, Mugaga J, Ssekitoleko R, Saterbak A, **Fitzgerald TN**. Multi-Disciplinary Development of a Low-Cost Gastroschisis Silo for Use in Sub-Saharan Africa. *J Surg Res* 2020 Nov; 255: 565-574.
51. Commander SJ, Ellis D, Williamson H, Grabski D, Sallah AY, Derbew M, **Fitzgerald TN**. Predictors of burnout and depression in surgeons practicing in east, central and southern Africa. *J Surg Res* 2020 Nov; 255: 536-548.
52. Kakembo N, Situma M, Williamson H, Kisa P, Kanya M, Ozgediz D. Sekabira J, **Fitzgerald TN**. Ugandan medical students career choices relate to foreign funding priorities. *World J Surg.* 2020 Dec;44(12):3975-3985

53. Commander SJ, Ellis D, Williamson H, Oyania F, Ruhigwa C, Situma M, **Fitzgerald TN**. The hidden mortality of congenital anomalies in Uganda. *Surgery* 2021 Feb;169(2):311-317.
54. McNee MA, DeUgarte D, Gerstle JT, Butler MW, Petroze R, Holterman A, Velcek F, Cleary M, Krishnaswami S, **Fitzgerald TN**. The first six years of the APSA travel fellowship program: Impact and lessons learned. *J Pediatr Surg*. 2021 May;56(5):862-867.
55. Hubner S, Maloney C, Phillips SD, Doshi P, Mueller J, **Fitzgerald TN**. The evolving landscape of medical device regulation in East, Central and Southern Africa. *Global Health: Science and Practice*. 2021 Apr 1;9(1):136-148.
56. Ellis D, Nakayama D, **Fitzgerald TN**. Missions, humanitarianism and the evolution of modern global surgery. *Am Surgeon*. 2021 May;87(5):681-685.
57. Farrow NE, Commander SJ, Reed CR, Mueller J, Gupta A, Loh AHP, Sekabira J, **Fitzgerald TN**. Laparoscopic experience and attitudes towards a low-cost laparoscopic system among surgeons in East, Central and Southern Africa. *Surg Endoscopy*. 2021 Dec;35(12):6539-6548.
58. **Fitzgerald TN**, Muma NJK, Gallas JA, Reavis G, Ukachukwu A, Smith ER, Ogbuaji O, Rice HE. Development of an interactive global surgery course for interdisciplinary learners. *Annals Glob Health*. 2021 Mar 31;87(1):33.
59. Ellis D, **Fitzgerald TN**. The evolving landscape of global surgery: Perspectives on faith-based and academic initiatives. *J Relig Health*. 2022 Aug;61(4):3233-3252.
60. Simmons KL, Chandrapal JC, Wolf S, Rice HE, Tracy EE, **Fitzgerald T**, Pomann GM, Routh JC. Open versus minimally-invasive surgical techniques in pediatric renal tumors: A population-level analysis of in-hospital outcomes. *J Ped Urology* 2021 Aug;17(4):534.e1-534.e7.
61. Grabski DF, Ajiko M, Kayima P, Ruzgar N, Nyeko D, **Fitzgerald TN**, Langer M, Cheung M, Cigliano B, D'Agostino S, Baird R, Duffy D, Tumukunde J, Nabukenya M, Ogwang M, Kisa P, Sekabira J, Kakembo N, Ozgediz D. Access to pediatric surgery delivered by general surgeons and anesthesia providers in Uganda: results from two rural regional hospitals. *Surgery* 2021 Nov;170(5):1397-1404.
62. Gupta A, Brown E, Davis JT, Sekabira J, Mueller J, **Fitzgerald TN**. KeyLoop: Mechanical retraction of the abdominal wall for gasless laparoscopy. *J Surg Innovation*. 2022 Feb;29(1):88-97.
63. Mueller JL, Rozman N, Sunassee ED, Gupta A, Schuval C, Biswas A, Knight B, Kulkarni S, Brown M, Ramanujam N, **Fitzgerald TN**. An accessible laparoscope for surgery in low- and middle-income countries. *Annals of BME*. 2021 Jul;49(7):1657-1669.

64. Thornton S, Gosman R, Sudan D, Rice HE, Arbogast M, **Fitzgerald TN**. Biliary Atresia in a neonate with a history of COVID-19: A case report. *Int J Surg Case Reports*. 2022 Jan; 90: 106705.
65. Jiang T, Kost Samantha, Doshi P, Ho Judy, Phillips SD, Mueller J, **Fitzgerald TN**. Crucial business model elements for medical device startups in emerging markets. *Value in Health Regional Issues*. 2022 (in press)
66. Ellis D, **Fitzgerald TN**. Finding Common Ground for the Common Good: An Appeal for Innovative Collaboration between Faith- and Non-faith Based Organizations. *Christian J for Global Health*. 2022 June 9(1):87-93.
67. Amano H, Krakauer K, Moss LR, Petroze R, Reynolds E, Shekherdimian S, Walsh D, Garcia V, Gerstle JT, Gow K, **Fitzgerald TN**, Krishnaswami S. Social Injustice Symposium: Urban, Rural and Global disparities in access to care. *J Ped Surg* 2022 (in press).
68. Zadey S, Mueller J, **Fitzgerald TN**. KeySuite: Improving access to laparoscopic surgery in low- and middle-income countries. *JAMA Surgery* 2022 Sep 1;157(9):844-845.
69. Rocha TAH, Vissoci J, Rocha N, Poenaru D, Shrimme M, Smith ER, Rice HE; **Global Initiative for Children's Surgery**. Towards defining the surgical workforce for children: a geospatial analysis in Brazil. *BMJ Open*. 2020 Mar 24;10(3):e034253.
70. Zadey S, Sonal S, Iyer H, Basy H, Smith ER, Staton CA, **Fitzgerald TN**, Vissoci JRN. Roadblocks and solutions to planning surgical care for a billion Indians. *BMJ Global Health* 2022 (in press).
71. Leraas HJ, Biswas A, Eze A, Zadey S, Wilson P, Theriot BS, Surana NK, Ssekitoleko R, Mugaga J, Salzman C, Hall A, Wesonga A, Saterbak A, **Fitzgerald TN**. Low cost gastroschisis silo for sub-Saharan Africa: Testing in a porcine model. *World J Surg* (in press).
72. Kakembo N, Grabski DF, Situma M, Ajiko M, Kayima P, Nyeko D, Shikanda A, Okello I, Tumukunde J, Nabukenya M, Ogwang M, Kisa P, Muzira A, Ruzgar N, **Fitzgerald TN**, Sekabira J, Ogediz D. Met and unmet need to pediatric surgical access in Uganda: Findings from a country-wide prospective clinical database. (in review).
73. Nellis JR, Muller MJ, Moya-Mendez ME, Rice HE, **Fitzgerald TN**, Tracy ET, Turek JW. A systematic and reliable process for performing cost containment analysis within the operating room. (in review)
74. Breglio AM, **Fitzgerald TN**, Moore CB, Einhorn LM. The evolution of pain control following the Nuss procedure in pediatric patients at a single center: A retrospective cohort study. (in review).

CONFERENCE PRESENTATIONS

1. **Fitzgerald TN**, Triedman JK. Spatial resolution of catheter-based atrial pace activation mapping using signal-averaged electrograms. Proceeding of Computers in Cardiology, Cleveland USA (poster presentation) 26:117-120, 1998.
2. **Fitzgerald TN**, Triedman JK. Spatial resolution of catheter-based ventricular pace activation mapping by cross-correlation of signal averaged electrograms. Proceedings of Computers in Cardiology, Cleveland USA (oral presentation) 26:517-520, 1998.
3. **Fitzgerald TN**, Rhee EK, Brooks DH, Triedman JK. Estimation of cardiac conduction velocities using small data sets. Proceedings of Computers in Cardiology, Rotterdam The Netherlands (oral presentation) 28:13-16, 2001.
4. **Fitzgerald TN**, Asada H, Shepherd B, Zhang T, Teso D, Kudo FA, Muto A, Pimiento JM, Dardik A. Laminar flow stimulates smooth muscle cell apoptosis via the intrinsic mitochondrial pathway. Academic Surgical Congress, Phoenix AZ (oral presentation), 2007.
5. **Fitzgerald TN**, Shepherd BR, Asada H, Teso D, Muto A, Fancher T, Pimiento JM, Maloney SP, Dardik A. Laminar flow stimulates smooth muscle cell apoptosis via the Akt pathway. Academic Surgical Congress, Huntington Beach CA (oral presentation), 2008.
6. **Fitzgerald TN**, Muto A, Fancher TT, Brown PB, Martin KA, Muhs BE, Rothman DL, Constable RT, Sampath S, Dardik A. Surgically implantable magnetic resonance angiography coils improve resolution to allow characterization of blood flow dynamics. New England Society for Vascular Surgery, Newport, RI (oral presentation), 2008 and Forum on Fundamental Surgical Problems of the American College of Surgeons, San Francisco CA (oral presentation), 2008.
7. Bazan HA, **Fitzgerald TN**, Abbruscato F, Sheahan M, Hollier LH, Dardik A, Hong S. Unstable carotid plaques are composed of diminished omega-3, but not omega-6 fatty acids: A potential therapeutic target? AHA International Stroke Conference, San Diego, CA (Poster), 2008.
8. Fancher TT, Muto A, **Fitzgerald TN**, Magri D, Dudrick SJ, Dardik A. Eph-B4 stimulates endothelial cell migration by an AKT1-dependent mechanism. Academic Surgical Congress, Fort Myers, FL (oral presentation), 2009.
9. **Fitzgerald TN**, Rodriguez R, Diefenbach KA, McKee MM. Thoracoscopic re-exploration for uncontrolled anastomotic leak following esophageal atresia repair. International Pediatric Endosurgery Group, San Diego, CA (poster presentation), 2012.
10. Kakembo N, Kisa P, Namuguzi D, Nassanga R, Kintu A, Kabuye R, Ajiko M, Christison-Lagay E, **Fitzgerald T**, Langer M, Ozgediz D, Sekabira J. Rural pediatric surgery outreach in Africa: Design, feasibility and early outcomes of a pilot program in Uganda. Pacific Association of Pediatric Surgeons, Banff, Alberta (oral presentation), 2014.

11. Muzira A, Kakembo N, Kisa P, Ayikoru R, **Fitzgerald T**, Langer M, Sekabira J, Ozgediz D. Socioeconomic impact of pediatric surgical conditions requiring ostomies in Uganda: a pilot survey. Academic Surgical Congress, Jacksonville FL (poster presentation) 2016.
12. Muzira A, Kakembo N, Kisa P, Sekabira J, Christison-Lagay E, Langer M, **Fitzgerald T**, Ajiko M, Kintu A, Kabuye R, Namuguzi D, Nassanga N, Ozgediz D. Design, feasibility and outcomes of locally-led rural pediatric surgery outreach in Africa. Academic Surgical Congress, Jacksonville FL (poster presentation) 2016.
13. Ricci C, Velimirovic BM, **Fitzgerald TN**. Case report of migration of 2 ventriculoperitoneal shunt catheters to the scrotum: Use of an inguinal incision for retrieval, diagnostic laparoscopy and hernia repair. Texas American College of Surgeons, Austin TX (poster presentation) 2017.
14. Schrodtt A, Huynh T, **Fitzgerald TN**. Child motor vehicle restraint is a public health concern on the USA-Mexico border. Safe Kids Worldwide Injury Prevention Conference, Baltimore MD (poster presentation) 2017 and World Congress of Surgery, Basel, Switzerland (oral presentation) 2017.
15. Anderson C, Parmer M, Eddy N, Howe J, **Fitzgerald TN**. Children with appendicitis on the US-Mexico border are socioeconomically disadvantaged and best served by a freestanding children's hospital. American College of Surgeons Clinical Congress, San Diego, CA (oral presentation) 2017.
16. Vo L, Anderson C, Howe J, Tyroch A, **Fitzgerald TN**. Penetrating Trauma in Children on the USA-Mexico Border. Annual Meeting of the Pediatric Trauma Society, Charleston, SC (poster presentation) 2017.
17. Yap A, Muzira A, Ozgediz D, **Fitzgerald TN**. Delayed Diagnosis and Treatment of Pediatric Colorectal Conditions in Uganda. Academic Surgical Congress, Jacksonville FL (oral presentation) 2017.
18. Reed C, Rice H, **Fitzgerald TN**, Tracy ET. Clinical and pathologic characteristics of pediatric gastrointestinal stromal tumors using the National Cancer Database. American Pediatric Surgical Association, Palm Desert CA (poster presentation) 2018.
19. Grabski D, Kakembo N, **Fitzgerald TN**, Cheung M, Sekabira J, Ozgediz D. Burden of pediatric infections requiring surgery: Results from a Ugandan tertiary care center. Surgical infection society, Westlake Village CA (oral presentation) 2018.
20. Grabski D, Sallah A, Derbew M, **Fitzgerald TN**. Burnout and working conditions of surgeons in sub-Saharan Africa. American College of Surgeons Clinical Congress, Boston, MA (oral presentation) 2018.

21. Kakembo N, Situma M, **Fitzgerald TN**. Ugandan medical students career choices related to foreign funding priorities. American College of Surgeons Clinical Congress, Boston, MA (oral presentation) 2018.
22. Ezekian B, Leraas H, Reed C, Ray C, **Fitzgerald TN**, Rice H, Sameer K, Tracy L. Use of epidural anesthesia in pediatric blunt thoracic trauma is associated with longer intensive care unit and hospital length of stay without improved outcomes or survival. American Academy of Pediatrics, Orlando, FL (poster presentation) 2018.
23. Reed CR, **Fitzgerald TN**, Leraas H, Kamyszek R, Vatsaas C, Ray C, Otto J, Tracy E, Agarwall SK. Age related changes in coagulation after trauma. Academic Surgical Congress, Houston, TX (oral presentation) 2019.
24. Grabski DF, Kakembo N, Cheung M, Okello I, Shikanda A, Langer M, Nabukenya M, Ajiko M, Villalona G, **Fitzgerald T**, Kateregga G, Tumukunde J, Muzira A, Kisa P, Situma M, Sekabira J, Ozgediz D. Pediatric surgical outreach camps in Uganda: Results and use of guidelines for quality improvement. Academic Surgical Congress, Houston, TX (oral presentation) 2019.
25. Ulrich S, Kakembo N, Kisa P, Muzira A, Nabukenya M, Tumukunde J, **Fitzgerald T**, Langer M, Situma M, Sekabira J, Ozgediz D. Burden, outcomes and economic benefit of neonatal surgery in Uganda: Results of a five-year follow-up study. Academic Surgical Congress, Houston, TX (oral presentation) 2019.
26. Reed CR, Kakembo N, Kisa, P, Langer M, Villalona G, Ozgediz DE, **Fitzgerald TN**. Comparison of Ugandan and North American pediatric surgery fellows' operative experience: opportunities for global training exchange. American Pediatric Surgical Association, Boston, MA (oral presentation) 2019.
27. Routh J, Tracy E, Rice H, **Fitzgerald T**. Open versus minimally-invasive surgical techniques in pediatric renal tumors: a population-level analysis. 51st Congress of the International Society of Paediatric Oncology (SIOP 2019), Lyon, France (oral presentation) 2019.
28. Arivoli M, Biswas A, Burroughs N, Wilson P, Salzman C, Kakembo N, Mugaga J, Ssekitoaleko R, Saterbak A, **Fitzgerald TN**. A multi-disciplinary low-cost gastroschisis silo for use in sub-Saharan Africa. American College of Surgeons Clinical Congress, San Francisco, CA (oral presentation) 2019.
29. Commander SJ, Williamson H, Ellis D, Grabski D, Sallah AY, Derbew M, **Fitzgerald T**. Predictors of burnout and depression in surgeons practicing in sub-Saharan Africa. Academic Surgical Congress, Orlando, FL (oral presentation) 2020.
30. Commander SJ, Ellis D, Williamson H, Oyania F, Ruhigwa C, Situma M, **Fitzgerald T**. The hidden mortality of congenital anomalies in Uganda. American Pediatric Surgical Association, Orlando, FL (poster presentation) 2020.

31. Farrow NE, Commander SJ, Mueller J, Reed C, Vissoci F, Sekabira J, **Fitzgerald TN**. Laparoscopic experience and attitudes towards a low-cost laparoscopic system among surgeons in east, central and southern Africa. American College of Surgeons Clinical Congress, Chicago, IL (oral presentation) 2020.
32. Commander SJ, Oyania F, Bingana C, Ajidiru L, Ellis DI, Situma M, **Fitzgerald TN**. Delays in pediatric colorectal care lead to unnecessary healthcare expenditure: A standard of care phase for the implementation of a mobile health program. American College of Surgeons Clinical Congress, Virtual Event (oral presentation) 2021. ***Recipient of Clinical Congress Owen H. Wangenstein Scientific Forum Excellence in Research Awards 2021**
33. Biswas A , Leraas HJ, Zadey S, Wilson P, Theriot B , Surana N, Ssekitoleko R, Mugaga J, Salzman C, Hall A, Saterbak A, **Fitzgerald TN**. Low-Cost gastroschisis silo for sub-Saharan Africa: Testing the safety profile in a porcine model. Academic Surgical Congress 2022.
34. Zadey S, Gupta A, Mueller J, **Fitzgerald TN**. Laparoscopic Surgery Telementoring as a Teaching Tool for Surgeons in Low- and Middle-Income Countries. ACS Surgeons and Engineers: A Dialogue on Surgical Simulation (poster presentation) March 2022.
35. Haddad M, Chen J, Rzasz J, Aroom K, **Fitzgerald T**, Mueller J. The KeySuite: Accessible Laparoscopy for Surgery in Low-Income Countries. Biophotonics Congress: Biomedical Optics, Fort Lauderdale (oral presentation) April 2022.
36. Commander SJ, Oyania F, Bingana C, Ajidiru L, Ellis DI, Situma M, **Fitzgerald TN**. Non-standardized nutritional parameters offer varied perceptions of malnutrition in pediatric surgical patients in Uganda. American Pediatric Surgical Association, San Diego (oral presentation) May 2022.
37. Zadey S, Leras H, Gupta A, Biswas A, Hollier P, Mugaga J, Ssekitoleko RT, Loh AHP, Mueller J, **Fitzgerald TN**. Keyloop retractor for gasless laparoscopy: Initial findings from a porcine model. World Congress of Surgery, (oral presentation) Vienna Austria, 2022.
38. Nimanya S, Ceesay A, Schroeder K, **Fitzgerald T**. A Pilot Study To Measure Nutrition Status In Ugandan Pediatric Oncology Patients. American College of Surgeons Clinical Congress, (oral presentation) San Diego, 2022.

INVITED PRESENTATIONS

“Neonatal Pulmonary Hypertension – Implications from Vascular Biology”, Yale University, Department of Surgery, June 2011.

“All Over the World with Texas Tech”, Pediatric Grand Round, Texas Tech Health Sciences University, El Paso, TX, July 2014.

“The Impact of Anorectal Malformations in El Paso and Abroad”, Pediatric Grand Rounds, Texas Tech Health Sciences University, El Paso TX May 2015.

“Appendicitis on the U.S.-Mexico Border – The Difference a Children’s Hospital Can Make”, Pediatric Grand Rounds, Texas Tech Health Sciences University, El Paso TX April 2017.

“Changing our Lens on Global Surgery”, Duke Global Health Institute, Durham NC, January 2018.

“Global Pediatric Health: A Multigenerational and Multidisciplinary Approach”, Duke Department of Pediatrics Grand Rounds, Durham NC, July 2018.

“Moms, Dads and Global Pediatric Surgery”, Duke Department of Surgery Grand Rounds, Durham NC, October 2018.

“Changing our Lens on Global Surgery”, American Academy of Pediatrics Section on Surgery, Orlando FL, November 2018.

“Ending Gun Violence”, Keynote Speaker at the Sandy Hook 6th Anniversary Remembrance, Raleigh NC, December 14, 2018.

“Laparoscopic Surgery in Sub-Saharan Africa: Is it a Luxury”, Think Global Series at Duke Global Health Institute, February 2019.

“Multi-Generational Global Surgery”, 4th Annual Aga Khan University Surgical Conference: Global Surgery, Karachi, Pakistan, February 2019.

“Being a Global Surgeon”, 4th Annual Aga Khan University Surgical Conference: Global Surgery, Karachi, Pakistan, February 2019.

“Global Surgery, the Bold New Face of Colonialism: The Learning Curve”, Academic Surgical Congress Hot Topic Panel, Houston, TX, February 2019.

“Global Surgery: Capacity Building in Uganda”, Houston Global Health Collaborative Unlimited, Houston, TX, March 2019.

“Seven-Year Journey of the APSA Travel Fellowship”, American Pediatric Surgery Association, Boston, MA, May 2019

“Hearing God’s Voice in Our Academic Lives”, Duke Divinity School, Theology Medicine and Culture Initiative, Durham, NC, February 2020.

“Gastroschisis in Uganda: Opportunities for Improved Survival”, InciSioN UK Journal Club, St. George’s University of London, August 2020.

“Avoiding Colonialism in Academic Surgical Partnerships”, Global Surgery Journal Club, University of California, San Francisco, September 2020.

“The Global Need for Biomedical Engineering”, Guest Lecture for Engineering Design for Global Health, University of Maryland, September 2020.

“Entrepreneurship in Global Surgery and Biomedical Engineering”, Guest Lecture for Entrepreneurial Problem Solving in Global Health, Duke Global Health Institute, October 2020.

“Discussion on: Global surgery pro-con debate: A pathway to bilateral academic success or the bold new face of colonialism?”, Florida International University Herbert Wertheim College of Medicine Chapter of the Global Surgery Student Alliance (GSSA) Journal Club, October 2020.

“Global Surgery Career Paths”, American Academy of Pediatrics Section on Surgical Education, Annual Meeting, October 2020.

“What is Global Surgery?”, Surgical Society of the University College of London Medical School, Guest Lecture, November 2020.

“Improving Gastroschisis Outcomes in Uganda: A Multidisciplinary Approach”, Michigan Center for Global Surgery Symposium, December 2020.

“Making a Difference with Research Projects in LMICs”, LifeBox Global Surgery Ambassadors UK, December 2020.

“ReadyView: Increasing Access to Laparoscopic Surgery in LMICs”, Duke Global Health Institute Faculty Meeting, February 2021.

“Innovation in Global Surgery”, Keynote Address for the Global Surgery Student Alliance (GSSA), March 2021.

“Global Biomedical Engineering in LMICs”, lecture for Duke Precollege Program - Engineering Solutions for Global Health: The Human Centered Design Process, (2 lectures) July 2021.

“Conversations with Surgeons”, 7th Annual Surgical Conference Aga Khan University, Karachi Pakistan, March 2022.

“Is Surgery an Important Component of Global Health?”, Global Health 101, Duke University, April 2022.

“Past, Present and Future of Global Surgery: Panel Discussion”, Annual McGill University Health Centre Global Surgery Conference: Enhancing Global Surgical Training and Tackling Healthcare Professional Shortage, On-line Conference, May 2022.

“Frugal Innovation in Global Health”, with Amos Loh at Research for Emerging Academic Clinicians in Healthcare (REACH) Seminar Series, Duke NUS Medical School, Singapore, July 2022.

“KeyScope: Laparoscopic Surgery for Cancer Care in Uganda”, University of California San Francisco, September 2022.

“Global Health Innovation in Uganda”, Guest Lecture for Innovation in Global Surgery, University of Utah Center for Global Surgery, September 2022.

“KeySuite: Access to Laparoscopic Surgery in Low- and Middle-Income Countries”, Department of Surgery Grand Rounds, Oregon Health and Science University, November 2022.

ORGANIZED CONFERENCES

Returning to Church during COVID. Organized together with Theology, Medicine and Culture seminar. June 8, 2020. 300 live participants and 100+ offline registrants.

“Disparities in Access to Care”, Social Justice Symposium at the 2020 American Pediatric Surgical Association Annual Meeting.

“Expanding the Global Workforce for Children’s Surgical Care: Challenges and Solutions”, Global Surgery APSAsode at the 2021 American Pediatric Surgical Association Virtual Meeting.

“Oops... we forgot to do this together! Ethical missteps in Pediatric Global Surgery”, 2022 American Pediatric Surgical Association, San Diego, CA.