Evan P. Nadler, MD, MBA

1) PERSONAL DATA

Name (First, Middle, Last) Evan Paul Nadler

E-mail Address evan.nadler@epnmd.com

Place of Birth New York City

Citizenship USA

2) EDUCATION

Undergraduate:

1987-1991 Stanford University, Stanford, CA B.S.

Graduate:

1991-1995 University of Pennsylvania, Philadelphia, PA M.D.

Post-graduate:

1995-1996	New York Hospital, New York, NY	Intern (Surgery)
1996-1998	New York Hospital, New York, NY	Junior Resident (Surgery)
1998-2000	Children's Hospital of Pittsburgh, Pittsburgh, PA	Research Fellow (Pediatric Surgery)
2000-2001	New York Hospital, New York, NY	Senior Resident (Surgery)
2001-2002	New York Hospital, New York, NY	Administrative Chief Resident (Surgery)
2002-2004	Children's Hospital of Pittsburgh, Pittsburgh, PA	Clinical Fellow (Pediatric Surgery)
2008-2009	New York University, New York, NY	Master of Science (Clinical Investigation)
2016-2019	George Washington University	Master of Business Administration

3) **EMPLOYMENT**

1998-2000	Children's Hospital of Pittsburgh, Pittsburgh, PA	Research Fellow (Pediatric Surgery)
2004-2009	New York University School of Medicine	Attending Pediatric Surgeon
09/2009-07/20	23 Children's National Hospital, Washington, DO	C Attending Pediatric Surgeon
Faculty Appointments		

2004-2009 Assistant Professor of Surgery at New York University School of Medicine

05/01/2010-Present Associate Professor (with Tenure 7/1/2016) in Surgery, Pediatrics, and Genomics

and Precision Medicine at The George Washington University School of

Medicine and Health Sciences, Washington, DC

4) **SCHOLARLY PUBLICATIONS-** * indicates mentees

a) Papers in Refereed Journals

- 1. Heslin MJ, Lewis JJ, **Nadler EP**, Newman E, Woodruff JM, Casper ES, et. al. Prognostic Factors Associated with Long-Term Survival for Retroperitoneal Sarcoma: Implications for Management. *J Clin Oncol*. 1997;15(8):2832-2839. doi:10.1200/JCO.1997.15.8.2832.
- 2. Dickinson EC, Tuncer R, **Nadler EP**, Boyle P, Alber SM, Watkins SC, et. al. NOX, A Nitric Oxide Scavenger, Reduces Bacterial Translocation in Rats after Endotoxemia by Decreasing Enterocyte Apoptosis. *Am J Physiol*. 1999;277(6):G1281-1287. doi:10.1152/ajpgi.1999.277.6.G1281.
- 3. **Nadler EP**, Gardner M, Schall LC, Lynch JM, Ford HR. Management of Blunt Pancreatic Injury in Children. *J Trauma*. 1999;47(6):1098-103. doi:10.1097/00005373-199912000-00020.
- 4. Glick RD, **Nadler EP**, Blumgart LH, La Quaglia MP. Extended Left Hepatectomy (Left Hepatic Trisegmentectomy) in Childhood. *J Pediatr Surg.* 2000;35(2):303-7; discussion 308. doi:10.1016/s0022-3468(00)90029-0.
- 5. **Nadler EP**, Dickinson EC, Knisely A, Zhang XR, Boyle P, Stolz D, et. al. Expression of Nitric Oxide and Interleukin-12 in Experimental NEC. *J Surg Res.* 2000;92(1):71-7. doi:10.1006/jsre.2000.5877.
- 6. Dickinson EC, Tuncer R, **Nadler EP**, Boyle P, Alber SM, Watkins SC, et. al. Recombinant Human Interleukin-11 Prevents Mucosal Atrophy and Bowel Shortening in the Defunctionalized Intestine. *J Pediatr Surg.* 2000;35(7):1079-83. doi:10.1053/jpsu.2000.7826.
- Potoka DA, Nadler EP, Zhou X, Zhang XR, Upperman JS, Ford HR. Inhibition Of NF-κB By I-κB Prevents Cytokine-Induced NO Production and Promotes Enterocyte Apoptosis In Vitro. *Shock*. 2000;14(3):366-73. doi:10.1097/00024382-200014030-00022.
- 8. **Nadler EP**, Go LL, Beer-Stolz D, Watkins SC, Schall LC, Boyle P, et. al. Transcellular Transport is not Required for Transmucosal Bacterial Passage across the Intestinal Membrane Ex Vivo. *Surg Infect (Larchmt)*. 2000;1(4):265-272. doi:10.1089/109629600750067192.
- 9. **Nadler EP,** Dickinson EC, Stolz D, Alber SM, Watkins SC, Pratt DW, et. al. Scavenging Nitric Oxide Decreases Hepatocellular Injury after Endotoxin Challenge. *Am J Physiol Gastrointest Liver Physiol*. 2001;281(1):G173-181. doi:10.1152/ajpgi.2001.281.1.G173.
- 10. **Nadler EP**, Stanford A, Zhang XR, Schall LC, Alber SM, Watkins SC, et. al. Intestinal Cytokine Gene Expression in Infants with Acute NEC: IL-11 mRNA Expression Inversely Correlates with Extent of Disease. *J Pediatr Surg*. 2001;36(8):1122-1129. doi:10.1053/jpsu.2001.25726.
- 11. **Nadler EP**, Courcoulas AP, Gardner MJ, Ford HR. Driveway Injuries in Children: Risk Factors, Morbidity, and Mortality. *Pediatrics*. 2001;108(2):326-328. doi:10.1542/peds.108.2.326.

- 12. Zhou X, Potoka DA, Boyle P, **Nadler EP**, McGinnis K, Ford HR. Aminoguanidine renders inducible nitric oxide synthase knockout mice more susceptible to Salmonella typhimurium infection. *FEMS Microbiol Lett.* 2002, 2;206(1):93-97. doi:10.1111/j.1574-6968.2002.tb10992.x.
- 13. Potoka DA, Upperman JS, **Nadler EP**, Wong CT, Zhou X, Zhang XR, et. al. NF-kappaB Inhibition Enhances Peroxynitrite-Induced Enterocyte Apoptosis. *J Surg Res*. 2002;106(1):7-14. doi:10.1006/jsre.2002.6423.
- 14. **Nadler EP**, Novikov A, Landzberg BR, Pochapin MB, Centeno B, Fahey TJ, et. al. The Use of Endoscopic Ultrasound in the Diagnosis of Solid Pseudopapillary Tumors of the Pancreas in Children. *J Pediatr Surg.* 2002;37(9):1370-1373. doi:10.1053/jpsu.2002.35028.
- 15. **Nadler EP**, Boyle P, Murdock AD, Dilorenzo C, Barksdale EM, Ford HR. Newborn Endothelin Receptor Type B Mutant (Piebald) Mice have a Higher Resting Anal Sphincter Pressure than Newborn C57BL/6 Mice. *Contemp Top Lab Anim Sci.* 2003 Nov;42(6):36-38.
- Nadler EP, Reblock K, Ford HR, Gaines BA. Monotherapy versus Multi-Drug Therapy for the Treatment of Perforated Appendicitis in Children. Surg Infect (Larchmt). 2003;4(4):327-333. doi:10.1089/109629603322761382.
- 17. Nwomeh BC, **Nadler EP**, Meza MP, Bron K, Gaines BA, Ford HR. Contrast Extravasation Predicts the Need for Operative Intervention in Children with Blunt Splenic Trauma. *J Trauma*. 2004;56(3):537-541. doi:10.1097/01.ta.0000112328.81051.fc.
- 18. **Nadler EP**, Reblock K, Vaughan KG, Meza MP, Ford HR, Gaines BA. Predictors of Outcome for Children with Perforated Appendicitis Initially Treated with Non-Operative Management. *Surg Infect (Larchmt)*. 2004;5(4):349-356. doi:10.1089/sur.2004.5.349.
- Nadler EP, Potoka DA, Shultz BL, Morrison KE, Ford HR, Gaines BA. The High Morbidity Associated with Handlebar Injuries in Children. *J Trauma*. 2005;58(6):1171-1174. doi:10.1097/01.ta.0000170107.21534.7a.
- 20. Qureshi FG, Ergun O, Sandulache VC, **Nadler EP**, Ford HR, Hackam DJ, et. al. Laparoscopic splenectomy in children. *JSLS*. Oct-Dec 2005;9(4):389-392.
- 21. **Nadler EP**, Reblock KK, Qureshi FG, Hackam DJ, Gaines BA, Kane TD. Laparoscopic Appendectomy in Children with Perforated Appendicitis. *J Laparoendosc Adv Surg Tech A*. 2006;16(2):159-163. doi:10.1089/lap.2006.16.159.
- 22. *Pursnani SK, Rausen AR, Contractor S, **Nadler EP**. Combined use of Pre-operative Methylene Blue Dye and Microcoil Localization Facilitates Thoracoscopic Wedge Resection of Indeterminate Pulmonary Nodules in Children. *J Laparoendosc Adv Surg Tech A*. 2006;16(2):184-7. doi:10.1089/lap.2006.16.184.
- 23. *Pursnani SK, Amodio JB, Guo H, Greco MA, **Nadler EP**. Localized Persistent Interstitial Pulmonary Emphysema Presenting as a Spontaneous Tension Pneumothorax in a Full-Term Infant. *Pediatr Surg Int*. 2006;22(7):613-6. doi:10.1007/s00383-006-1688-6.
- 24. *Sambol E, *Patterson D, Rivera R, Boris D, Greco MA, et. al, ... **Nadler EP**. An appendiceal leiomyoma in a child with acquired immunodeficiency syndrome. *Pediatr Surg Int*. 2006;(22):865–868. doi.org/10.1007/s00383-006-1773-x.

- 25. *Patterson D, *Mueller C, Strubel N, Rivera R, Ginsburg HB, **Nadler EP**. Laparoscopic Neo-Os Creation in an Adolescent with Uterus Didelphys and Obstructed Hemivagina. *J Pediatr Surg*. 2006;41(10):e19-22. doi:10.1016/j.jpedsurg.2006.06.026.
- 26. **Nadler EP**, Youn HA, Ginsburg HB, Ren CJ, Fielding GA. Short-Term Results in 53 U.S. Obese Pediatric Patients Treated with Laparoscopic Adjustable Gastric Banding. *J Pediatr Surg*. 2007;42(1):137-141; discussion 141-2. doi:10.1016/j.jpedsurg.2006.09.014.
- 27. **Nadler EP**, Leung S, Axelrod FB, Ginsburg HB. A Reinforced Suture Line Prevents Recurrent Reflux in Patients with Familial Dysautonomia. *J Pediatr Surg*. 2007;42(4):653-656. doi:10.1016/j.jpedsurg.2006.12.008.
- 28. *Ezon I, *Zilbert N, Pinkney L, Wei JJ, Malik R, **Nadler EP**. A large struma ovarii tumor removed via laparoscopy in a 16-year-old adolescent. *J Pediatr Surg*. 2007;42(8):e19-22. doi:10.1016/j.jpedsurg.2007.05.003.
- 29. *Sabbaghian MS, Rivera R, Ginsburg HB, **Nadler EP**. Calcified Catheter "Cast" Masquerading as a Retained Catheter Fragment After Removal of an Implanted Venous Access Device. *Pediatr Surg Int*. 2007;23(9):927-30. doi:10.1007/s00383-007-1911-0.
- 30. Kane TD, Nwomeh B, **Nadler EP**. Thoracoscopic-Assisted Esophagectomy and Laparoscopic Gastric Pull-Up for Lye Injury in Two Children. *JSLS*. 2007;Oct-Dec;11(4):474-480.
- 31. **Nadler EP**, Youn HA, Ren CJ, Fielding GA. An update on 73 US obese pediatric patients treated with laparoscopic adjustable gastric banding: Comorbidity resolution and compliance data. *J Pediatr Surg*. 2008;43(1):141-6. doi:10.1016/j.jpedsurg.2007.09.035.
- 32. **Nadler EP**, Hackam DJ. Laparoscopic Resection of a Pheochromocytoma at the Organ of Zuckerkandl in a 13-Year Old Child. *Surg Endosc*. 2008;(22):1348. doi.org/10.1007/s00464-006-9146-z.
- 33. Kane TD, **Nadler EP**, Potoka DA. Thoracoscopic Aortopexy for Vascular Compression of the Trachea: Approach from the right. *J Laparoendosc Adv Surg Tech A*. 2008;18(2):313-6. doi:10.1089/lap.2007.0032.
- 34. *Zilbert NR, Sand M, Draper L, Ricci J, Nadler EP. Successful Non-Operative Management of an Iatrogenic Recto-Urethral Fistula in a thirteen-year-old boy. *J Pediatr Urol.* 2009;5(2):142-144. doi:10.1016/j.jpurol.2008.08.008.
- 35. **Nadler EP**, *Patterson D, Violette S, Weinreb P, Lewis M, Magid MS, et. al. Integrin ανβ6 and Mediators of Extracellular Matrix Deposition are Upregulated in Experimental Biliary Atresia. *J Surg Res.* 2009;154(1):21-29. doi:10.1016/j.jss.2008.05.023.
- 36. *Zilbert NR, *Stamell EF, *Ezon I, *Schlager A, Ginsburg HB, **Nadler EP**. Management and Outcomes for Children with Acute Appendicitis Differ by Hospital Type: Areas for Improvement at Public Hospitals. *Clin Pediatr (Phila)*. 2009;48(5):499-504. doi:10.1177/0009922809332586.
- 37. **Nadler EP**, Brotman LM, Miyoshi T, Fryer GE, Weitzman M. Morbidity in obese adolescents who meet the adult National Institutes of Health criteria for bariatric surgery. *J Pediatr Surg*. 2009;44(10):1869-76. doi:10.1016/j.jpedsurg.2008.12.033.
- 38. **Nadler EP**, *Reddy S, Isenalumhe A, Youn HA, Peck V, Ren CJ, et. al. Laparoscopic Adjustable Gastric Banding for Morbidly Obese Adolescents Effects Android Fat Loss, Resolution of

- Comorbidities, and Improved Metabolic Status. *J Am Coll Surg.* 2009;209(5):638-44. doi:10.1016/j.jamcollsurg.2009.07.022.
- 39. **Nadler EP,** Nwomeh BC, Frederick WA, Hassoun HT, Kingham TP, Krishnaswami S, et. al. Academic Needs in Developing Countries: A Survey of the West African College of Surgeons. *J Surg Res*. 2010;160(1):14-7. doi:10.1016/j.jss.2009.03.090.
- 40. *Finkelstein J, *Stamell EF, *Zilbert NR, Ginsburg HB, **Nadler EP**. Management and Outcomes for Children with Pyloric Stenosis Stratified by Hospital Type. *J Surg Res.* 2010;158(1):6-9. doi:10.1016/j.jss.2009.05.048.
- 41. **Nadler EP**, *Onyedika E, Li X, Greco MA. Differential Expression of Hepatic Fibrosis Mediators in Sick and Spontaneously Recovered Mice with Experimental Biliary Atresia. *J Surg Res*. 2010;159(2):611-617. doi:10.1016/j.jss.2009.10.038.
- 42. Park J, Hemani M, Milla SS, Rivera R, **Nadler E**, Alukal JP. Incarcerated Amyand's hernia in a premature infant associated with circumcision: A case report and literature review. *Hernia*. 2010;14(6):639-642. doi:10.1007/s10029-009-0599-6.
- 43. **Nadler EP**, Krishnaswami S, Brundage SI, Kim LT, Kingham TP, Olutoye OO, et. al. Assessing the Efficacy of the Fundamentals of Research and Career Development Course Overseas. *J Surg Res*. 2010;163(2):197-200. doi:10.1016/j.jss.2010.03.069.
- 44. *Khozeimeh N, Henry MC, Gingalewski CA, **Nadler EP**. Management of congenital giant inguinal scrotal hernias in the newborn. *Hernia*. 2012t;16(5):597-599. doi:10.1007/s10029-011-0785-1.
- 45. Blanco FC, Sandler AD, **Nadler EP.** Increased Incidence of Perforated Appendicitis in Children with Obesity. *Clin Pediatr (Phila)*. 2012;51(10):928-932. doi:10.1177/0009922812441659.
- 46. **Nadler EP**, Barefoot LC, Qureshi FG. Early results after laparoscopic sleeve gastrectomy in adolescents with morbid obesity. *Surgery*. 2012;152(2):212-217. doi:10.1016/j.surg.2012.05.010.
- 47. Kelleher DC, Merrill CT, Cottrell LT, **Nadler EP**, Burd RS. Recent National Trends in the Use of Adolescent Inpatient Bariatric Surgery: 2000 Through 2009. *Arch Pediatr Adolesc Med*. 2013;167(2):126-132. doi:10.1001/2013.jamapediatrics.286.
- 48. Axt J, Nthumba PM, Mwanzia K, Hansen E, Tarpley MJ, ... **Nadler EP**, et. al. The role of global surgery electives during residency training: Relevance, realities, and regulations. *Surgery*. 2013;153(3):327-332. doi:10.1016/j.surg.2012.09.014.
- 49. *Koeck E, Davenport K, Barefoot LC, Qureshi FG, Davidow D, **Nadler EP**. Inpatient Weight Loss as a Precursor to Bariatric Surgery for Adolescents with Extreme Obesity: Optimizing Bariatric Surgery. *Clin Pediatr (Phila)*. 2013;52(7):608-611. doi:10.1177/0009922813482516.
- 50. Qureshi FG, Jackson HT, Brown J, Petrosyan M, Rycus PT, **Nadler EP**, et. al. The changing population of the United States and use of extracorporeal membrane oxygenation. *J Surg Res*. 2013;184(1):572-576. doi:10.1016/j.jss.2013.04.027.
- 51. Iordanskaia T, Hubal MJ, *Koeck E, Rossi C, Schwarz K, **Nadler EP.** Dysregulation of Upstream and Downstream Transforming Growth Factor- β Transcripts in Livers of Children with Biliary Atresia and Fibrogenic Gene Signatures. *J Pediatr Surg.* 2013t;48(10):2047-2053. doi:10.1016/j.jpedsurg.2013.03.047.

- 52. He D, Costello JP, **Nadler EP**, Moak JP, Jonas RA, Nath DS. Left Thoracoscopic Sympathectomy Used as Primary Therapy for a Young Child with Intractable Long QT Syndrome. *Pediatr Cardiol*. 2013;34(8):1969-1971. doi:10.1007/s00246-012-0511-5.
- 53. *Koeck E, Barefoot LC, Hamrick M, Owens J, Qureshi FG, **Nadler EP**. Predicting Sleep Apnea in Morbidly Obese Adolescents Undergoing Bariatric Surgery. *Surg Endosc*. 2014;28(4):1146-52. doi:10.1007/s00464-013-3295-7.
- 54. Jackson HT, Oyetunji TA, Thomas A, Oyetunji AO, Hamrick M, **Nadler EP**, et. al. The impact of leukoreduced red blood cell transfusion on mortality of neonates undergoing extracorporeal membrane oxygenation. *J Surg Res*. 2014;192(1):6-11. doi:10.1016/j.jss.2014.06.013.
- 55. Iordanskaia T, *Koeck E, Rossi C, Mohan P, Schwarz K, ... et. al, **Nadler EP**. Integrin β-8, but not β-5 or -6, protein expression is increased in livers of children with biliary atresia. *J Pediatr Gastroenterol Nutr*. 2014;59(6):679-683. doi:10.1097/MPG.000000000000518.
- 56. *Koeck ES, Iordanskaia T, Sevilla S, Ferrante SC, Hubal MJ, ... et. al, **Nadler EP**. Adipocyte exosomes induce transforming growth factor beta pathway dysregulation in hepatocytes: A novel paradigm for obesity-related liver disease. *J Surg Res.* 2014;192(2):268-275. doi:10.1016/j.jss.2014.06.050.
- 57. Ferrante SC, **Nadler EP**, Pillai DK, Hubal MJ, Wang Z, Wang JM, et. al. Adipocyte-derived exosomal miRNAs: A novel mechanism for obesity-related disease. *Pediatr Res.* 201;77(3):447-454. doi:10.1038/pr.2014.202.
- 58. Costello JP, Wilson JK, Louis C, Peer SM, Zurakowski D, **Nadler EP**, et. al. Surgical cardiac denervation therapy for treatment of congenital ion channelopathies in pediatric patients: A contemporary, single institutional experience. *World J Pediatr Congenit Heart Surg*. 2015;6(1):33-38. doi:10.1177/2150135114555203.
- 59. Mushtaq A, Vaughns JD, Ziesenitz VC, **Nadler EP**, van den Anker JN. Use of Enoxaparin in Obese Adolescents During Bariatric Surgery: A Pilot Study. *Obes Surg*. 2015;25(10):1869-1874. doi:10.1007/s11695-015-1630-x.
- 60. *Franklin AL, *Koeck ES, Hamrick MC, Qureshi FG, **Nadler EP.** Prevalence of Chronic Gastritis or Helicobacter pylori Infection in Adolescent Sleeve Gastrectomy Patients does not Correlate with Symptoms or Surgical Outcomes. *Surg Infect (Larchmt)*. 2015;16(4):401-404. doi:10.1089/sur.2014.153.
- 61. Iordanskaia T, Malesevic M, Fischer G, Pushkarsky T, Bukrinsky M, **Nadler EP.** Targeting extracellular cyclophilins ameliorates disease progression in experimental biliary atresia. *Mol Med.* 2015;21(1):657-664. doi:10.2119/molmed.2015.00076.
- 62. Jackson HT, Shah SR, Hathaway E, **Nadler EP**, Amdur RL, McGue S, et. al. Evaluating the impact of a minimally invasive pediatric surgeon on hospital practice: Comparison of two children's hospitals. *Surg Endosc*. 2016;30(6):2281-2287. doi:10.1007/s00464-015-4227-5.
- 63. *Jelin EB, Daggag H, Speer AL, Hameed N, Lessan N, ... et. al, **Nadler EP**. Melanocortin-4 receptor signaling is not required for short-term weight loss after sleeve gastrectomy in pediatric patients. *Int J Obes (Lond)*. 2016;40(3):550-553. doi:10.1038/ijo.2015.230.

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- 67. Vaughns JD, Martin C, Nelson J, **Nadler E**, Quezado ZM. Dexmedetomidine as an adjuvant for perioperative pain management in adolescents undergoing bariatric surgery: An observational cohort study. *J Pediatr Surg*. 2017;52(11):1787-1790. doi:10.1016/j.jpedsurg.2017.04.007.
- 68. Mackey ER, Olson A, Merwin S, Wang J, **Nadler EP**. Perceived Social Support for Exercise and Weight Loss in Adolescents Undergoing Sleeve Gastrectomy. *Obes Surg*. 2018;28(2):421-426. doi:10.1007/s11695-017-2853-9.
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- 81. *Tashiro J, Thenappan AA, **Nadler EP**. Pattern of Biliary Disease Following Laparoscopic Sleeve Gastrectomy in Adolescents. *Obesity (Silver Spring)*. 2019;27(11):1750-1753. doi:10.1002/oby.22634.
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- 87. Krishnamoorthy M, **Nadler E**, Vaidya S. Resolution of confluent and reticulated papillomatosis after bariatric surgery. *Clin Obes*. 2021 Feb;11(1):e12427. doi:10.1111/cob.12427.
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- 89. Singhal R, Wiggins T, Super J, Alqahtani A, **Nadler EP**, Ludwig C, Tahrani A, Mahawar K; GENEVA Collaborative. 30-Day morbidity and mortality of bariatric metabolic surgery in adolescence during the COVID-19 pandemic The GENEVA study. *Pediatr Obes*. 2021 Dec;16(12):e12832. doi: 10.1111/jipo.12832.

- 90. Rajan L, McKay CC, Santos Malavé G, Pearce AL, Cherry JBC, Mackey E, **Nadler EP**, Vaidya CJ. Effects of severe obesity and sleeve gastrectomy on cortical thickness in adolescents. *Obesity (Silver Spring)*. 2021 Sep;29(9):1516-1525. doi: 10.1002/oby.23206. Epub 2021 Jul 28. PMID: 34318605
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- 92. Mackey ER, York MM, **Nadler EP**. All in the Family: Child and Adolescent Weight Loss Surgery in the Context of Parental Weight Loss Surgery. *Children (Basel)*. 2021 Nov 1;8(11):990. doi: 10.3390/children8110990. (Invited Publication)
- 93. Fojas EGF, Radha SK, Ali T, **Nadler EP**, Lessan N. Weight and Glycemic Control Outcomes of Bariatric Surgery and Pharmacotherapy in Patients With Melanocortin-4 Receptor Deficiency. *Front Endocrinol (Lausanne)*. 2022 Jan 13;12:792354. doi: 10.3389/fendo.2021.792354.
- 94. *Tashiro J, *McKenna E, Alberto EC, Mackey ER, **Nadler EP**. The impact of parental bariatric surgery and patient age on laparoscopic sleeve gastrectomy outcomes in adolescents. *Surg Endosc*. 2022 Oct;36(10):7392-7398. doi: 10.1007/s00464-022-09149-2.
- 95. *Williams K, **Nadler EP**. The Role of Devices in the Management of Pediatric Obesity. Curr Obes Rep. 2022 Sep;11(3):55-60. doi: 10.1007/s13679-022-00476-y. (Invited Publication)
- 96. *Akagbosu CO, **Nadler EP**, Levy S, Hourigan SK. The Role of the Gut Microbiome in Pediatric Obesity and Bariatric Surgery. Int J Mol Sci. 2022 Dec 6;23(23):15421. (Invited Publication)
- b) Papers in Non-Refereed Journals
- c) Chapters in Books
 - 1. Upperman JS, **Nadler EP**, Ford HR. Necrotizing Enterocolitis. In: Pearl RH, Glick PL, Caty MG, Irish MS, eds. Pediatric Surgical Secrets. William Lamsback, Hanley, & Belfus Inc.; 2000.
 - 2. **Nadler EP**, Barksdale EM. Fluid and Electrolyte Management. In: Oldham KT, Colombani PM, Foglia RP eds., Principles and Practice of Pediatric Surgery. Lippincott, Williams, & Wilkins; 2004.
 - 3. **Nadler EP**, Kane TD. Bariatric Surgery. In: Langer JC, Albanese CT, eds., Pediatric Minimal Access Surgery, Marcel Dekker Inc.; 2005.
 - 4. Qureshi FG, **Nadler EP**, Ford HR. Biliary Stone Disease. In: Pediatric Surgery and Urology: Long-term Outcomes. Eds: Stringer M, Oldham K, Mouriquand P, Howard E. Cambridge University Press, Cambridge England. 2006.
 - 5. **Nadler EP**. The Current State of Surgical Weight Loss Options for Morbidly Obese Adolescents. In: Parsons WV, Taylor CM, eds., New Research on Morbid Obesity. Nova Science Publishers Inc.; 2008.
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- 8. *Nguyen PD, Cohen OD, **Nadler EP**. Arteriovenous Malformations. In: Ameh E, Bickler S, Lakhoo K, Nwomeh B, Poenaru D, eds., Paediatric Surgery: A Comprehensive Text for Africa. Global Help; 2010.
- 9. *Franklin AL, Qureshi FG, Nadler EP. Management of Gallstones in the Pediatric Patient. In: Eachempati S, ed., Acute Cholecystitis. Springer International; 2015.
- Dela Merced PA, Nadler EP, Hamdy RF. Surgical Site Infections-Prophylaxis and Management. In: Verghese ST, Kane TD, eds. Anesthetic Management in Pediatric General Surgery, Springer Nature Switzerland AG; 2021
- 11. Vaughns JD, **Nadler EP**. Anesthetic Management for Laparoscopic Bariatric Surgery in Adolescents with Obesity. In: Verghese ST, Kane TD, eds. Anesthetic Management in Pediatric General Surgery, Springer Nature Switzerland AG; 2021
- 12. **Nadler EP**. Bariatric Surgery. In: Mattei, P ed. Fundamentals of Pediatric Surgery. Springer Nature Switzerland AG; 2022
- d) Books Edited or Written
- e) Published Abstracts
- 1. Upperman JS, **Nadler EP**, Hoffman R, Bombeck C, Beer-Stolz D, Zhang XR, Ford HR. Peroxynitrite (OONO) induces enterocyte apoptosis *in vitro* by modulating mitochondrial membrane potential and PARS cleavage. *Surg Forum.* L:81-83, 1999.
- 2. **Nadler EP**, Alber S, Beer-Stolz D, Watkins S, Ford HR. Lisofylline reduces bacterial translocation after lipopolysaccharide (LPS) challenge by preventing enterocyte apoptosis. *Surg Forum*. L:557-558, 1999.
- 3. Potoka DA, **Nadler EP**, Boyle P, Wong C, Zhang X-R, Zamora R, Ford HR. Nitric oxide mediates enterocyte apoptosis in experimental NEC by upregulating caspase activity and *BAD* protein expression. *Surg Forum*. LII:497-499, 2001.

f) Invited Publications

- 1. **Nadler EP,** Upperman JS, Dickinson E, Ford HR. Nitric Oxide and Intestinal Barrier Failure. *Semin Pediatr Surg.* 1999;8(3):148-54. doi:10.1016/s1055-8586(99)70016-8.
- 2. **Nadler EP**, Ford HR. Regulation of Bacterial Translocation by Nitric Oxide. *Pediatr Surg Intl*. 2000;16(3):165-8. doi:10.1007/s003830050714.
- 3. **Nadler EP**, Barksdale EM. Adrenal Masses in the Newborn. *Semin Pediatr Surg*. 2000;9(3):156-64. doi:10.1053/spsu.2000.7560.
- 4. **Nadler EP**, Upperman JS, Ford HR. Controversies in the Management of Necrotizing Enterocolitis. *Surg Infect (Larchmt)*. 2001;2(2):113-9; discussion 119-120. doi:10.1089/109629601750469438.

- 5. Potoka DA, **Nadler EP**, Upperman JS, Ford HR. The Role of Nitric Oxide and Peroxynitrite in Gut Barrier Failure. *World J Surg*. 2002;26(7):806-11. doi:10.1007/s00268-002-4056-2.
- 6. Goyal A, **Nadler EP**, Ford HR, Keljo DJ. Treatment of Fistulizing Crohn's Disease in Children. *Curr Treat Options Gastroenterol*. 2003 Oct;6(5):391-402. doi:10.1007/s11938-003-0042-5.
- 7. **Nadler EP**, Ford HR. Antibiotic Allergy: Guidelines for Antibiotic Choice and Treatment of Severe Drug Reactions. *Curr Surg.* 2004;61(1):2-7. doi:10.1016/j.cursur.2003.07.001.
- 8. **Nadler EP**, Gaines BA. The Surgical Infection Society Guidelines on Antimicrobial Therapy for Children with Appendicitis. *Surg Infect (Larchmt)*. 2008;9(1):75-83. doi:10.1089/sur.2007.072.
- 9. *Zilbert N, **Nadler EP**. Laparoscopic-assisted Procedures for Hirschsprung's Disease: Review of the Literature and Technical Report. *Chin J Min Inv Surg.* 2008;8(3);225-229.
- *Stamell EF, Foltin GL, Nadler EP. Lessons Learned for Pediatric Disaster Preparedness from 9/11/01: New York City Trauma Centers. *J Trauma*. 2009;67(2 Suppl):S84-7. doi:10.1097/TA.0b013e3181adfb81.
- 11. Barefoot LC, **Nadler EP**. Nursing Care of the Adolescent Patient Undergoing Laparoscopic Sleeve Gastrectomy. *Bariatric Nursing and Surgical Patient Care*. September 2012, 7(3):116-120. https://doi.org/10.1089/bar.2012.9971.
- 12. **Nadler EP**. Preface. *Semin Pediatr Surg*. 2014 Feb;23(1):1. doi:10.1053/j.sempedsurg.2013.10.011.
- 13. McGuire MM, **Nadler EP**, Qureshi FG. Laparoscopic vertical sleeve gastrectomy for adolescents with morbid obesity. *Semin Pediatr Surg*. 2014;23(1):21-23. doi:10.1053/j.sempedsurg.2013.10.021.
- 14. Thenappan A, **Nadler E**. Bariatric Surgery in Children: Indications, Types, and Outcomes. *Curr Gastroenterol Rep.* 2019;21(6):24. doi:10.1007/s11894-019-0691-8.
- 15. **Nadler EP**. Moving out of silos for obesity research and treatment. *Lancet Child Adolesc Health*. 2023 Feb 24:S2352-4642(23)00024-X. doi: 10.1016/S2352-4642(23)00024-X. Online ahead of print.

g) E-Publications

- 1. Nadler E. and Petrosyan M. What is a Sleeve Gastrectomy? Bariatric surgery in Children. Surgucation. YouTube Video. https://www.youtube.com/watch?v=JPvLyEF127A January 5, 2021.
- 2. Nadler E. and Petrosyan M. The Most Common Bariatric Surgery in Children. Surgucation. YouTube Video. https://www.youtube.com/watch?v=k6qoo1_DXXU January 5, 2021.
- 3. Nadler E. and Petrosyan M. Why Consider Weight-Loss Surgery in A Child? Surgucation. YouTube Video. https://www.youtube.com/watch?v=QP3H6JtxdcQ January 5, 2021.
- 4. Nadler E. and Petrosyan M. Bariatric Surgery Can I use insurance? Surgucation. YouTube Video. https://www.youtube.com/watch?v=ovh7hN9a6yU January 8, 2021.

5) PRESENTATIONS

a) Regional Presentations:

- 1. **Nadler EP**, Gardner M, Ford HR. Management of Blunt Pancreatic Injury in Children. Oral Presentation at: The American College of Surgeons, Pennsylvania Committee on Trauma; November, 1998; Philadelphia, PA.
- 2. **Nadler EP**, Courcoulas AP, Gardner MJ, Ford HR. The Epidemiology of Driveway Injuries in Children. Oral Presentation at: The American College of Surgeons, Pennsylvania Committee on Trauma; November, 1999; Philadelphia, PA.
- 3. Ferrante S, **Nadler EP**, Wang Z, Hubal M, Pillai D, Sevilla S, Wiles A, Anderson J, Freishtat RJ. Adipocyte Exosomal miRNAs May Mediate the Effects of Obesity on Lung Disease. Oral Presentation at: The American Federation for Medical Research Eastern Regional Meeting; April, 2013; Washington, DC.
- 4. Pillai D, Wang J, Ferrante SC, Mubeen H, Koeck E, Wiles A, Wang Z, Sevilla S, Nadler EP, Hubal MJ, Freishtat RJ. Adipocyte Exosomal miRNA Regulate A549 Lung Epithelial Gene Expression in a Dose-Dependent Manner. Oral Presentation at: The American Federation for Medical Research Eastern Regional Meeting; April, 2014; Washington, DC.
- 5. Siegart NM, Reiss AB, De Leon J, Voloshyna I, Barlev A, Salama M, Ferrante S, **Nadler EP**, Freishtat RJ. Adipocyte-Derived Exosomes from Obese Subjects have Atherogenic Effects on Cholesterol Efflux in THP-1 Human Macrophages. Oral Presentation at: The American Federation for Medical Research Eastern Regional Meeting; April 2017; Washington, DC.
- 6. Epstein, SB, Ghose S, Harmon B, **Nadler EP**, Barberio MD, Goldberg, M, Maltz L, Freishtat RJ. TGF-B Genes in Obese Asthmatics have Altered Expression Profiles Compared to Lean Asthmatics. Oral Presentation at: The American Federation for Medical Research Eastern Regional Meeting; April 2017; Washington, DC.
- 7. Barberio MD, Epstein, SB, Maltz L, Thelus JM, **Nadler EP**, Freishtat RJ. Adipocyte-Derived Exosomal MicroRNAs from Visceral Adipose Tissue and Urine Correlate to Glycated Hemoglobin. Oral Presentation at: The American Federation for Medical Research Eastern Regional Meeting; April 2017; Washington, DC.

b) National Presentations:

- Mallow EB, Nadler EP, Milner R, Hebra A, Chiavacci R, Lewis H, Lyons S, Wagner M, Stafford PW, Polin RA. Congenital Diaphragmatic Hernia: A Review of the Cases since the Inception of ECMO. Oral Presentation at: The 11th Annual Children's National Medical Center Symposium; February, 1995; Washington, DC.
- 2. Mallow EB, **Nadler EP**, Milner R, Hebra A, Chiavacci R, Lewis H, Lyons S, Wagner M, Stafford PW, Polin RA. Prognostic Variables in Infants with Congenital Diaphragmatic Hernia. Oral Presentation at: The 64th Annual Meeting of the Society for Pediatric Research; May, 1995; San Diego, CA.

- 3. Heslin MJ, Lewis JJ, **Nadler EP**, Newman E, Woodruff JM, Casper ES, Leung D, Brennan MF. Prognostic Factors Associated with Long-Term Survival for Retroperitoneal Sarcoma: Implications for Management. Oral Presentation at: The Society of Surgical Oncologists; March, 1996;.
- 4. Zhou X, Zhang X, Upperman J, **Nadler EP**, Ford HR. *Salmonella typhimurium* Induces Apoptosis in Human Monocyte-Derived Macrophages via a Caspase-1 and Caspase-3 Dependent Pathway. Oral Presentation at: The American Society for Microbiology; April, 1999; Chicago, IL.
- Nadler EP, Dickinson E, Parizhskaya M, Watkins S, Ford HR. Delayed Administration of a Novel Nitric Oxide (NO) Scavenger, NOX Prevents Hepatocellular Injury after Endotoxemia. Oral Presentation at: The American Pediatric Surgical Association 30th Annual Meeting; May, 1999; Rancho Mirage, CA.
- 6. Glick R, **Nadler EP**, LaQuaglia MP. Left Hepatic Trisegmentectomy in Childhood. Oral Presentation at: The American Pediatric Surgical Association 30th Annual Meeting; May, 1999; Rancho Mirage, CA.
- 7. **Nadler EP**, Zhou X, Wong C, Boyle P, Chen Y, Ford HR. Mechanism of Cross-Species Protection Against Bacterial Translocation in Neonatal Rabbits by Human Breast Milk. Oral Presentation at: The 51st Annual Meeting of the American Academy of Pediatrics Section on Surgery; October, 1999; Washington, DC.
- 8. **Nadler EP**, Alber S, Beer-Stolz D, Watkins SC, Upperman JS, Ford HR. Lisofylline Reduces Bacterial Translocation (BT) after LPS Challenge *In Vivo* by Preventing Enterocyte Apoptosis. Oral Presentation at: The 85th Clinical Congress of the American College of Surgeons; October, 1999; San Francisco, CA.
- 9. Upperman JS, **Nadler EP**, Hoffman R, Bombeck C, Beer-Stolz D, Zhang XR, Ford HR. Peroxynitrite Induces Enterocyte Apoptosis *In Vitro* by Modulating Mitochondrial Membrane Potential and PARS Cleavage. Oral Presentation at: The 85th Clinical Congress of the American College of Surgeons; October, 1999; San Francisco, CA.
- 10. **Nadler EP**, Upperman JS, Ford HR. Lisofylline Protects IEC-6 Cells Against Cytokine-Induced Apoptosis Independent of Nitric Oxide (NO) Production. Oral Presentation at: The 33rd Annual Meeting of the Association for Academic Surgery; November, 1999; Jacksonville, FL.
- 11. **Nadler EP**, Wong J, Wong C, Alber S, Watkins SC, Ford HR. *Bax* Upregulation is an Early Event in LPS-Induced Enterocyte Apoptosis *In Vivo*. Oral Presentation at: The 42nd Annual Surgical Resident's Conference at the 61st Annual Meeting of the Society of University Surgeons; February, 2000; Toronto, Canada.
- 12. Potoka DA, **Nadler EP**, Upperman JS, Ford HR. Inhibition of NF-κB by I-κB Prevents Cytokine-Induced NO Production and Promotes Enterocyte Apoptosis *In Vitro*. Oral Presentation at: The 20th Annual Meeting of the Surgical Infection Society; April, 2000; Providence, RI.
- 13. **Nadler EP**, Wong J, Wong C, Boyle P, Alber S, Watkins SC, Ford HR. *Bax* Upregulation is an Early Event in LPS-Induced Enterocyte Apoptosis *In Vivo*. Oral Presentation at: The 20th Annual Meeting of the Surgical Infection Society; April, 2000; Providence, RI
- 14. Stanford A, **Nadler EP**, Zhang XR, Ford HR. GTP-Cyclohydrolase and Cytokine Gene Expression in NEC. Oral Presentation at: The 10th Annual Meeting of the Society of Black Academic Surgeons; April, 2000; Los Angles, CA.

- 15. **Nadler EP**, Stanford A, Zhang XR, Upperman JS, HR Ford. IL-11 is Upregulated in Human NEC. Oral Presentation at: The 10th Annual Meeting of the Society of Black Academic Surgeons; April, 2000; Los Angles, CA.
- 16. Zhou X, **Nadler EP**, Zhang XR, Boyle P, Ford HR. *Salmonella typhimurium* Infection in Inducible Nitric Oxide Synthase Knockout Mice. Oral Presentation at: The American Society for Microbiology; May, 2000; Los Angles, CA.
- 17. Barksdale EM, **Nadler EP**, Dilorenzo C, Griffith J. Anal Achalasia: A Cause of Refractory Functional Constipation. Oral Presentation at: The American Pediatric Surgical Association 31st Annual Meeting; May, 2000; Orlando, FL.
- 18. **Nadler EP**, Schuchert VD, Alber S, Ford HR. Inducible Nitric Oxide Synthase is Required for Enterocyte Apoptosis After Hemorrhagic Shock. Oral Presentation at: The 23rd Annual Conference on Shock; June, 2000; Snowbird, Utah.
- 19. **Nadler EP**, Stanford A, Zhang XR, Schall LC, Ford HR. Intestinal IL-11 mRNA Expression Inversely Correlates with Severity of Bowel Injury in Infants with Necrotizing Enterocolitis (NEC). Oral Presentation at: The 52nd Annual Meeting of the American Academy of Pediatrics Section on Surgery; October, 2000; Chicago, IL,
- 20. Boyle P, **Nadler EP**, Dilorenzo C, Barksdale EM, Ford HR. Newborn Endothelin Receptor Type-B Mutant (Piebald) Mice have a Higher Resting Anal Sphincter Pressure than Newborn C57/BL6 Mice. Oral Presentation at: The 51st American Association for Laboratory Animal Science National Meeting; November, 2000; San Diego, CA.
- 21. Potoka DA, **Nadler EP**, Wong CT, Upperman JS, Ford HR. NF-κB Inhibition Enhances Peroxynitrite (OONO⁻)-Induced Enterocyte Apoptosis. Oral Presentation at: The 34th Annual Meeting of the Association for Academic Surgery; November, 2000; Tampa, FL.
- 22. **Nadler EP**, Dravium R, Remy T, Dickman P, Ford HR. Inducible Nitric Oxide Synthase (iNOS) is Upregulated in Favorable Histology but not Anaplastic Wilms' Tumors. Oral Presentation at: The American Pediatric Surgical Association 32nd Annual Meeting; May, 2001; Naples, FL.
- 23. Potoka DA, **Nadler EP**, Boyle P, Wong C, Zhang X-R, Zamora R, Ford HR. Nitric Oxide Mediates Enterocyte Apoptosis in Experimental NEC By Upregulating Caspase Activity and *BAD* Protein Expression. Oral Presentation at: The 87th Clinical Congress of the American College of Surgeons, Surgical Forum; October, 2001; New Orleans, LA.
- 24. Potoka DA, **Nadler EP**, Stanford A, Boyle P, Wong C, Zamora R, Upperman JS, Ford HR. Cyclooxygenase-2 Expression Attenuates Intestinal Inflammation in Experimental Necrotizing Enterocolitis. Oral Presentation at: The Association for Academic Surgery 35th Annual Meeting; November, 2001; Milwaukee, WI.
- 25. **Nadler EP**, Cassidy LC, Ford HR. Abused Children have Higher Mortality Rates than Similarly Injured Non-Abused Children. Oral Presentation at: The 54th Annual Meeting of the American Academy of Pediatrics Section on Injury and Poison Prevention; October, 2002; Boston, MA.

- 26. **Nadler EP,** Baird C, Hackam DJ, Nwomeh BC, Stanford A, Miller KA, Wiener ES, Ford HR, Gaines BA. ECMO for the Treatment of a Severe Traumatic Myocardial Contusion in a Six-Year Old Boy. Oral Presentation at: The 19th Annual CNMC Symposium: ECMO and Advanced Therapies for Respiratory Failure; February, 2003; Keystone, CO.
- 27. Nwomeh BC, **Nadler EP**, Meza M, Ford HR. Contrast Extravasation Predicts the need for Operative Intervention in Children with Blunt Splenic Trauma. Oral Presentation at: The 13th Annual Meeting of the Society of Black Academic Surgeons; April, 2003; Birmingham, AL.
- 28. **Nadler EP**, Reblock KK, Ford HR, Gaines BA. Monotherapy versus Multi-Drug Therapy for the Treatment of Perforated Appendicitis in Children. Oral Presentation at: The 23rd Annual Meeting of the Surgical Infection Society; April, 2003; San Antonio, TX.
- 29. Nwomeh BC, **Nadler EP**, Meza M, Ford HR. Contrast Extravasation Predicts the Need for Operative Intervention in Children with Blunt Splenic Trauma. Oral Presentation at: The American Association for the Surgery of Trauma; September 2003; Minneapolis, MI.
- 30. Dice JE, **Nadler EP**, McGhee HW, DiLorenzo C, Kane TD. Successful Treatment of Acute Colonic Pseudo-Obstruction with Neostigmine In a Child. Oral Presentation at: The 12th Annual Pediatric Pharmacy Advocacy Group Conference; October, 2003; Dana Point, CA.
- 31. **Nadler EP**, Schultz B, Morrison K, Ford HR. The High Morbidity Associated with Handlebar Injuries in Children. Oral Presentation at: The 55th Annual Meeting of the American Academy of Pediatrics Section on Injury and Poison Prevention; November, 2003; New Orleans, LA.
- 32. **Nadler EP**, Zuckerbraun BS, Otterbein LE, Billiar TR, Kanno S. Inhaled Carbon Monoxide Abrogates Pulmonary Hypertension. Oral Presentation at: The Association for Academic Surgery 37th Annual Meeting; November, 2003; Sacramento, CA.
- 33. **Nadler EP**, Reblock KK, Ford HR, Gaines BA. Predictors of Outcome for Children with Perforated Appendicitis Treated Non-operatively. Oral Presentation at: The 24th Annual Meeting of the Surgical Infection Society; April, 2004; Indianapolis, IN.
- 34. **Nadler EP**, Reblock KK, Qureshi FG, Hackam DJ, Gaines BA, Kane TD. The Utility of Laparoscopic Appendectomy in Children with Perforated Appendicitis. Oral Presentation at: The 13th Annual Congress for Endosurgery in Children; May, 2004; Maui, HI.
- 35. Qureshi FG, Ergun O, Sandulache VC, **Nadler EP**, Ford HR, Hackam DJ, Kane TD. Is Laparoscopic Splenectomy in Children Advantageous? Oral Presentation at: The 13th Annual Congress for Endosurgery in Children; May, 2004; Maui, HI.
- 36. **Nadler EP**, Kane TD. Thoracoscopic Inonimate Artery Pexy. Oral Presentation at: The American Pediatric Surgical Association 35th Annual Meeting, Video Presentation; May, 2004; Ponte Verda, FL.
- 37. **Nadler EP**, Ford HR. Thoracoscopic Diaphragmatic Plication in a 6-Month Old. Oral Presentation at: The 91st Clinical Congress of the American College of Surgeons, Video-based Education Program; October, 2005; San Francisco, CA.
- 38. **Nadler EP**, Ginsburg HB. The Impact of Adding an MIS Pediatric Surgeon to an Established Practice. Oral Presentation at: The 15th Annual Congress for Endosurgery in Children; April, 2006; Dallas, TX.

- 39. **Nadler EP**, Youn HA, Ginsburg HB, Ren CJ, Fielding GA. Short-term Results in 53 U.S. Obese Pediatric Patients Treated with Laparoscopic Adjustable Gastric Banding. Oral Presentation at: The American Pediatric Surgical Association 37th Annual Meeting; May, 2006; Hilton Head, SC.
- 40. *Patterson D, *Sultan S, **Nadler EP**. Hepatic Fibrosis in Experimental Biliary Atresia is Associated with Increased Integrin Alpha-V, Beta-6 Expression. Oral Presentation at: The 2nd Academic Surgical Congress; February, 2007; Phoenix, AZ.
- 41. **Nadler EP**, Youn HA, Ren CJ, Fielding GA. An Update on 73 US Obese Pediatric Patients Treated with Laparoscopic Adjustable Gastric Banding: Co-morbidity and Compliance Data. Oral Presentation at: The American Pediatric Surgical Association 38th Annual Meeting; May, 2007; Orlando, FL.
- 42. *Patterson D, Violette S, Weinreb P, Lewis M, Magid MS, Greco, MA, **Nadler EP**. Integrin Alpha-V, Beta-6 Expression is Upregulated in the Proliferating Bile Ducts of Children with Biliary Atresia. Oral Presentation at: The American Pediatric Surgical Association 38th Annual Meeting; May, 2007; Orlando, FL.
- 43. *Patterson D, **Nadler EP**. The Extracellular Matrix Degradation Inhibitors TIMP-1 and PAI-1 are Upregulated in Experimental Biliary Atresia. Oral Presentation at: The American Pediatric Surgical Association 38th Annual Meeting; May, 2007; Orlando, FL.
- 44. Mintzer JP, **Nadler EP**, Fierman AH, Rauch DA. RLQ Pain Long After an Appendectomy. Oral Presentation at: The Society of Hospital Medicine Annual Meeting; May, 2007; Dallas, TX.
- 45. *Reddy S, Peck V, Ren CJ, Fielding GA, **Nadler EP**. Laparoscopic Adjustable Gastric Banding in Obese Adolescents Results in Android Fat Loss and Resolution of Co-morbid Conditions. Oral Presentation at: The 93rd Clinical Congress of the American College of Surgeons; October, 2007; New Orleans, LA.
- 46. *Reddy S, Isenalumhe A, Peck V, Ren CJ, Fielding GA, **Nadler EP**. Laparoscopic Adjustable Gastric Banding for Morbidly Obese Adolescents Effects Weight Loss without Impacting Bone Maturation. Oral Presentation at: The 59th Annual Meeting of the American Academy of Pediatrics Section on Surgery; October, 2007; San Francisco, CA.
- 47. **Nadler EP**, Vazzana A, Youn HA, Ren CJ, Fielding GA. Laparoscopic Adjustable Gastric Banding for Morbidly Obese Adolescents Results in Reduction of Hunger, Increase in Restraint, and Overall Patient Satisfaction. Oral Presentation at: The 59th Annual Meeting of the American Academy of Pediatrics Section on Surgery; October, 2007; San Francisco, CA.
- 48. *Utidjian L, Mintner RM, Ren CJ, Fielding GA, **Nadler EP**. Dynamic Bayesian Network Analysis Predicts Resolution of Dyspnea and Obstructive Sleep Apnea after LAGB in Morbidly Obese Adolescents. Oral Presentation at: The 3rd Academic Surgical Congress; February, 2008; Fort Myers, FL.
- 49. *Stamell E, *Schlager A, *Ezon I, *Zilbert N, Ginsburg HB, **Nadler EP**. Primary Language Spoken Impacts Perforation Rate in Children with Appendicitis at an Urban Public Hospital. Oral Presentation at: The 3rd Academic Surgical Congress; February, 2008; Fort Myers, FL.

- 50. *Zilbert N, *Ezon I, *Stamell E, *Schlager A, Ginsburg HB, **Nadler EP**. Length of Stay for Children with Acute Appendicitis Differs by Hospital Type. Oral Presentation at: The 3rd Academic Surgical Congress; February, 2008; Fort Myers, FL.
- 51. *Schlager A, *Zilbert N, *Ezon I, *Stamell E, **Nadler EP**. Laparoscopic Appendectomy for Children with Acute Appendicitis is Equally Safe and Effective Despite Hospital Type. Oral Presentation at: The Society of Gastrointestinal and Endoscopic Surgeons Annual Meeting; April, 2008; Philadelphia, PA.
- 52. *Finkelstein J, *Stamell E, *Zilbert N, Ginsburg HB, **Nadler EP**. Health Care Disparities in Infants: Pyloric Stenosis Outcomes Stratified by Socioeconomic Status. Oral Presentation at: The 4th Academic Surgical Congress; February, 2009; Fort Myers, FL.
- 53. Vazzana A, Youn HA, Ren CJ, Fielding GA, **Nadler EP**. Behavioral and Social-Emotional Outcomes in Morbidly Obese Adolescents after Laparoscopic Adjustable Gastric Banding. Oral Presentation at: The 4th Academic Surgical Congress; February, 2009; Fort Myers, FL.
- 54. **Nadler EP**, Li X, Greco MA. Differential Expression of Mediators of Hepatic Fibrosis in Sick and Spontaneously Recovered Mice after Experimental Biliary Atresia. Oral Presentation at: The 4th Academic Surgical Congress; February, 2009; Fort Myers, FL.
- 55. **Nadler EP,** Nwomeh BC. Academic Needs in Developing Countries: A Survey of the West African College of Surgeons. Oral Presentation at: The 4th Academic Surgical Congress; February, 2009; Fort Myers, FL.
- 56. **Nadler EP**, Parikh M. Laparoscopic Sleeve Gastrectomy for the Treatment of a Morbidly Obese Adolescent. Oral Presentation at: The American Pediatric Surgical Association 40th Annual Meeting. Video Presentation; May 2009; Fajardo, Puerto Rico.
- 57. Onyedika E, Li X, Greco MA, **Nadler EP**. Hepatic Stellate Cell Activation is Associated with Progressive Fibrosis in Experimental Biliary Atresia. Oral Presentation at: The 95th Clinical Congress of the American College of Surgeons; October 2009; Chicago, IL.
- 58. **Nadler EP**, Krishnaswami S, Brundage SI, Kim LT, Kingham TP, Olutoye OO, Nwariaku F, Nwomeh BC. Assessing the Efficacy of the Fundamentals of Research and Career Development Course Overseas. Oral Presentation at: The 5th Academic Surgical Congress; February, 2010; San Antonio, TX.
- 59. Keibel LR, **Nadler EP**, Sandler AD, Calicott S, Qureshi FG. Utilizing Business Intelligence Tools to Evaluate Perioperative Pediatric Surgery Performance and Costs. Oral Presentation at: The 6th Academic Surgical Congress; February, 2011; Huntington Beach, CA.
- 60. *Solomon ZF, **Nadler EP**. Missed Opportunities: Adolescents Candidates for Bariatric Surgery Undergoing Cholecystectomy. Oral Presentation at: The 6th Academic Surgical Congress; February, 2011; Huntington Beach, CA.
- 61. Lamoshi A, **Nadler EP**, Nwomeh BC, Krishnaswami S. Burnout among Surgeons in the Developing World: A Pilot Study for the AAS West African Course. Oral Presentation at: The 6th Academic Surgical Congress; February, 2011; Huntington Beach, CA.

- 62. *Solomon ZF, Shah RK, **Nadler EP**. Obese Adolescents Undergoing Adenotonsillectomy: Opportunity for Change in Practice? Oral Presentation at: The 6th Academic Surgical Congress; February, 2011; Huntington Beach, CA.
- 63. Blanco FC, Choi P, Qureshi FG, Sandler AD, **Nadler EP**. Increased Incidence of Perforated Appendicitis in Obese Children. Oral Presentation at: The 31st Annual Meeting of the Surgical Infection Society; May, 2011; Palm Beach, FL.
- 64. Blanco FC, Davenport KP, **Nadler EP**, Sandler AD. The Effect of Adopting a Clinical Pathway for the Management of Pediatric Appendicitis and Comparison to the Pediatric Health Information System Database. Oral Presentation at: The 31st Annual Meeting of the Surgical Infection Society; May, 2011; Palm Beach, FL.
- 65. Iordanskaia T, Hubal M, **Nadler EP**. Upregulation of Upstream and Downstream TGF-beta Transcripts in Livers of Children with Biliary Atresia and Fibrogenic Gene Signatures. Oral Presentation at: The 97th Clinical Congress of the American College of Surgeons; October, 2011; San Francisco, CA.
- 66. **Nadler EP**, Barefoot LC, Qureshi FG. Early Results After Laparoscopic Sleeve Gastrectomy in Adolescents with Morbid Obesity. Oral Presentation at: The 7th Academic Surgical Congress; February, 2012; Las Vegas, NV.
- 67. *Davenport KP, Qureshi FG, Barefoot LC, Davidow D, **Nadler EP**. Inpatient Weight Loss as a Precursor to Bariatric Surgery for Adolescents with Extreme Obesity. Oral Presentation at: The Society of Gastrointestinal and Endoscopic Surgeons Annual Meeting; March, 2012; San Diego, CA.
- 68. He D, **Nadler EP**, Moak JP, Jonas RA, Nath DS. Left Thorascopic Sympathectomy as Primary Therapy for a Young Child with Intractable Long QT Syndrome. Oral Presentation at: The Third Joint Meeting of the Congenital Heart Surgeons' Society & European Congenital Heart Surgeons Association, Video Presentation; September, 2012; Chicago, IL.
- 69. *Koeck ES, Iordanskaia T, Devadason C, Rossi C, Anders R, Schwarz K, **Nadler EP**. Integrin Beta-8, but not Beta-5 or -6, protein expression is increased in livers of children with biliary atresia. Oral Presentation at: The 27th Annual Meeting of the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition; October, 2012; Salt Lake City, Utah.
- 70. *Koeck ES, Barefoot LC, Owens JA, Qureshi FG, **Nadler EP**. Weight but not Symptomology Predicts Sleep Apnea in Morbidly Obese Adolescents Undergoing Bariatric Surgery. Oral Presentation at: The 8th Academic Surgical Congress; February, 2013; New Orleans, LA.
- 71. Hubal MJ, Nadler EP, Hoffman EP, Barakat H, Robidoux J. Integration of Global Methylation and Gene Expression in Obese vs. Lean Human Adipose. Oral Presentation at: The American College of Sports Medicine Annual Meeting; May, 2013; Indianapolis, IN.
- 72. Romirowsky, AM, **Nadler, EP**, Barefoot, L, Tolep, M, Mackey, ER. Using Psychosocial Indicators to Predict Weight Loss and to Inform Psychological Treatment in the Adolescent Bariatric Surgery Process. Oral Presentation at: The American Psychological Association; August, 2013; Honolulu, HI.
- 73. Iordanskaia T, *Koeck E, Bukrinsky M, **Nadler EP**. MM284 Treatment Ameliorates Experimental Biliary Atresia via Inhibition of SMAD2 Phosphorylation and Down Regulation of Timp-4 and MMP-7

- mRNA Expression. Oral Presentation at: The 99th Clinical Congress of the American College of Surgeons; October, 2013; Washington, DC.
- 74. **Nadler EP**, Ferrante S, Freishtat RJ, Sevilla S, *Koeck E, Wang Z, Pillai D, Hubal MJ. Ethnic Differences in Adipocyte-derived Exosomes. Oral Presentation at: The Obesity Society Annual Meeting; November, 2013; Atlanta, GA.
- 75. Hubal MJ, Freishtat RJ, Ferrante S, Pillai D, Sevilla S, Wang Z, *Koeck E, **Nadler EP**. Adipocyte-derived Exosomal miRNAs Associated with Body Mass Index in Adolescents. Oral Presentation at: The Obesity Society Annual Meeting; November, 2013; Atlanta, GA.
- 76. Mackey EM, Mintz-Romirowsky A, Elliott C, **Nadler EP**. Associations of Anxiety, Binge Eating Behaviors, and Weight Loss in Adolescents Undergoing Sleeve Gastrectomy. Oral Presentation at: The Society of Pediatric Psychology Annual Conference; March, 2014.
- 77. Duan C, Safdar N, **Nadler EP**, Liu J, Summers RM, Linguraru MG. CT-based Adipose Volume Measurements and Associations with Body Mass Index and Clinical Observations. Oral Presentation at: The Society of Pediatric Radiology Annual Meeting, May 2014; Washington, DC.
- 78. *Koeck ES, *Hamrick M, Qureshi FG, Nadler EP, Prevalence of Chronic Gastritis or Helicobacter pylori Infection in Adolescent Sleeve Gastrectomy Patients does not Correlate with Symptoms or Surgical Outcomes. Oral Presentation at: The 34rd Annual meeting of the Surgical Infection Society; May, 2014; Baltimore, MD.
- 79. Mackey ER, Mintz-Romirowsky A, Tolep M, Vannucci A, **Nadler EP**. Clinical applications of the presurgical psychological assessment for bariatric surgery to predict long-term weight loss success: Using unexpected outcomes to inform patient care and future research. Oral Presentation at: The 122nd Annual Conference of the American Psychological Association; August, 2014; Washington, DC.
- 80. Jacobs M, **Nadler EP**, Mackey ER. Pre-operative Exercise as a Predictors of Weight Loss in Adolescents Following Sleeve Gastrectomy. Oral Presentation at: The Obesity Week; October, 2018; Nashville, TN.
- 81. *McKenna E, *Tashiro J, Thenappan AA, **Nadler EP**. Comparative outcomes following laparoscopic sleeve gastrectomy in adolescents with and without parents who have undergone bariatric surgery. Oral Presentation at: The 6th Annual Joseph E. Robert Jr. Academic Symposium; November, 2019; Washington, DC.
- 82. *Tashiro J, Thenappan AA, **Nadler EP**. The pattern of biliary disease following laparoscopic sleeve gastrectomy in adolescents. Oral Presentation at: The 7th Annual Obesity Journal Symposium Obesity Week; November, 2019; Las Vegas, NV.
- 83. *Tashiro J, *McKenna E, Thenappan AA, **Nadler EP**. Comparative outcomes following sleeve gastrectomy in adolescents less than 16 years of age. Oral Presentation at: The American Pediatric Surgical Association 51st Annual Meeting; May, 2020; Virtual Conference.
- 84. *McKenna E, *Tashiro J, Thenappan AA, **Nadler EP**. Comparative outcomes following laparoscopic sleeve gastrectomy in adolescents with and without parents who have undergone bariatric surgery. Poster Presentation at: The American Pediatric Surgical Association 51st Annual Meeting; May, 2020; Virtual Conference.

85. **Nadler EP**. Surgical approaches to treatment of youth with obesity and cognitive and/or behavioral diagnoses. In Symposium: Weight management in populations with cognitive and behavioral diagnoses: Reducing bias and providing high quality care at: Pediatric Academic Societies Annual Meeting. April 2023. Washington, DC.

Invited Lectures

- 86. "Advances in the Management of Pectus Excavatum". American College of Surgeons, Southwestern Pennsylvania Chapter, Pittsburgh, PA. 2000.
- 87. "Advances in Minimal Access Pediatric Surgery: What can be done and what should be done". Department of Pediatrics Grand Rounds, NYU Medical Center, New York, NY. 2005.
- 88. "Advances in Minimal Access Pediatric Surgery: What can be done and what should be done". Charles B. Wang Community Health Center, New York, NY. 2005.
- 89. "Early Thoracoscopy for the Treatment of Children with Complicated Pneumonia". New York Society of Pediatric Critical Care Medicine, New York, NY. 2005.
- 90. "Advances in Minimal Access Pediatric Surgery: What can be done and what should be done". Department of Pediatrics Grand Rounds, Woodhull Medical Center, New York, NY. 2005.
- 91. "Current Management of Appendicitis in Children". Division of Pediatric Emergency Medicine Conference, NYU Medical Center, New York, NY. 2005.
- 92. "Recent Trends in Pediatric Minimal Access Surgery". Department of Pediatrics Grand Rounds, Long Island College Hospital, New York, NY. 2005.
- 93. "Bariatric Surgery for Morbidly Obese Adolescents". Department of Pediatrics Grand Rounds, Cornell University Medical Center, New York, NY. 2005.
- 94. "Bariatric Surgery for Morbidly Obese Adolescents". Division of Minimally Invasive Surgery Symposium, St. Luke's, Roosevelt Hospital, New York, NY. 2005.
- 95. "Laparoscopic Adjustable Gastric Banding for Morbidly Obese Adolescents". 3rd International Symposium on Minimally Invasive Surgery. Wuhan Union Hospital, Wuhan, China. 2006.
- 96. "Minimal Access Surgical Options for the Neonate". New York City Health and Hospitals Corporation Perinatal Centers Conference, New York, NY. 2006.
- 97. "Recent Trends in Pediatric Minimal Access Surgery: Where do we Stand?". Department of Surgery Grand Rounds, Beth Israel Medical Center, New York, NY. 2007.
- 98. "Bariatric Surgery for Morbidly Obese Adolescents". Department of Pediatrics Grand Rounds, University of Medicine and Dentistry of New Jersey, New Brunswick, NJ. 2007.
- 99. "Bariatric Surgery for Morbidly Obese Adolescents". Department of Pediatrics Grand Rounds, Children's National Medical Center, Washington DC. 2007.

- 100. "Experimental Design and Statistics". Fundamental of Surgical Research and Career Development Course given by the AAS, 48th Annual Meeting of the West African College of Surgeons, Freetown, Sierra Leone. 2008.
- 101. "Bariatric Surgery for Morbidly Obese Adolescents". Department of Surgery Teaching Conference, Schneider Children's Hospital, New Hyde Park, NY. 2008.
- 102. "Bariatric Surgery for Morbidly Obese Adolescents". North-East Canadian Pediatric Surgery Joint Rounds, Montreal, Canada. 2008.
- 103. "Any Indication for Interval Appendectomy Anymore? Non-operative Management of Perforated Appendicitis". 28th Annual Meeting of the Surgical Infection Society, Hilton Head, SC. 2008.
- 104. "Lessons Learned from 9/11/01: NY Trauma Centers". Pediatric Disaster Preparedness and Emergency Services National Summit, Los Angeles, CA. 2008.
- 105. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Future of Pediatrics Meeting, Bethesda, MD. 2010.
- 106. "Challenges in Managing the Morbidly Obese Adolescent". Food and Drug Administration, Center for Drug Evaluation and Research, Bethesda, MD. 2010.
- 107. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Department of Pediatrics Grand Rounds, Prince William Hospital, Fairfax, VA. 2011.
- 108. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Canadian National Obesity Summit, Montreal, Canada. 2011.
- 109. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Endocrine Society Annual Meeting, Boston, MA. 2011.
- 110. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". National Medical Association Annual Meeting, Washington DC. 2011.
- 111. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Department of Surgery Grand Rounds, Washington Hospital Center, Washington, DC. 2012.
- 112. "Pediatric Obesity: Medical Management and Surgical Treatment Options". Center for Autism Spectrum Disorders Conference. Children's National Medical Center, Washington DC. 2012.
- 113. "Systems Biology of Obesity". Division of Nephrology Grand Rounds. The George Washington University School of Medicine, Washington DC. 2013.
- 114. "Where Should Adolescent Bariatric Surgery Happen and Who Should Do It?". American College of Surgeons Annual Meeting, San Francisco, CA. 2014.
- 115. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Department of Pediatrics Grand Rounds, Goryeb Children's Hospital, Morristown, NJ. 2015.

- 116. "Update on Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Division of Endocrinology Grand Rounds, The George Washington University School of Medicine, Washington, DC. 2015.
- 117. "Controversies in Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Clinical and Translational Science Institute Point-Counterpoint, Children's National Medical Center, Washington, DC. 2015.
- 118. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". American Gastroenterology Association's 2018 Freston Conference. Washington, DC. August 2018.
- 119. "Bariatric Surgery for Children with Neurocognitive Disorders" Clinician Update: Current Care of the Bariatric Patient, PA Chapter of the ASMBS, Hershey, PA. September 2018.
- 120. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Mohsen Ziai Pediatric Conference, Tysons Corner, VA, November 2019.
- 121. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Mohsen Ziai Pediatric Conference, Virtual Presentation, November 2020.
- 122. "Laparoscopic Sleeve Gastrectomy for the Treatment of Obesity in Children with Special Needs". Overcoming Obesity Conference 2022, Anaheim, CA October, 2022.

c) International Presentations:

- 1. **Nadler EP**, Zhou X, Upperman J, Alber S, Watkins S. Ford HR. Gram Positive Cell Wall Components Promote Gut Barrier Failure and Bacterial Translocation. Oral Presentation at: The 4th International Shock Congress and 22nd Annual Conference on Shock; June, 1999; Philadelphia, PA.
- 2. Upperman JS, Friend C, **Nadler EP**, Hoffman R, Ford HR. Peroxynitrite Induces Enterocyte Apoptosis *In Vitro*: Implication for NO-Mediated Gut Barrier Failure. Oral Presentation at: The 4th International Shock Congress and 22nd Annual Conference on Shock; June, 1999; Philadelphia, PA.
- 3. Upperman JS, Kibbe M, Hoffman R, **Nadler EP**, Ford HR. *In Vitro* Adenoviral Gene Transfer of Nitric Oxide Synthase in Intestinal Epithelial Cells. Oral Presentation at: The British Association of Pediatric Surgeons, XLVI Annual International Congress; July, 1999; Liverpool, UK.
- 4. Stanford A, **Nadler EP**, Zhang XR, Schall LC, Upperman JS, Ford HR. Analysis of Guanosine-Cyclohydrolase (GT-CHP), IL-8 and IL-12 Gene Expression in Necrotizing Enterocolitis (NEC). Oral Presentation at: The British Association of Pediatric Surgeons, XLVII Annual International Congress; July, 2000; Sorrento, Italy.
- 5. Vazzana A, Youn H, Huang K, Miller Brotman L, Hirsch G, **Nadler E**, Ren C, Fielding G. Health and Mental Health Functioning in Adolescent Lap-Band Surgery Patients. Oral Presentation at: The International Conference on Eating Disorders; May, 2007; Baltimore, MD.
- 6. Ferrante S, **Nadler EP**, Wang Z, Hubal M, Pillai D, Sevilla S, Wiles A, Anderson J, Freishtat RJ. Adipocyte Exosomal miRNAs May Mediate the Effects of Obesity on Lung Disease. Oral Presentation at: American Thoracic Society International Conference; May, 2013; Philadelphia, PA.

- 7. Ferrante SC, Ingram JL, **Nadler EP**, Hubal MJ, Seo J, Giri M, Jung D, Pillai DK, Wang JM, Freishtat RJ. Asthmatic Airway Fibroblasts: TGFβ Receptor Signaling is Up-regulated after Obese Visceral Adipose Exosome Exposure. Oral Presentation at: American Thoracic Society International Conference; May' 2015; Denver, CO.
- 8. Epstein, SB, Ghose S, Harmon B, **Nadler EP**, Barberio MD, Goldberg, M, Maltz L, Freishtat RJ. TGF-B Genes in Obese Asthmatics have Altered Expression Profiles Compared to Lean Asthmatics. Oral Presentation at: American Thoracic Society International Conference; May, 2017; Washington, DC.

Invited Lectures

- 9. "Childhood Obesity and Metabolic Consequences". Arab Health Congress, Dubai, UAE. 2011.
- 10. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". World Health Care Congress, Abu Dhabi, UAE. 2011.
- 11. "Update on Adolescent Bariatric Surgery". Inaugural Gulf Obesity Surgery Society Meeting, Kuwait City, Kuwait. 2013
- 12. "Update on Adolescent Bariatric Surgery". Department of Surgery Grand Rounds, Zayed Military Hospital, Abu Dhabi, UAE. 2013.
- 13. "Metabolism Associated with BMI and Impaired Fasting Glucose in Emirati Children and Adolescents". Grand Rounds, Imperial College of London Diabetes Center, Abu Dhabi, UAE. 2013.
- 14. "Bariatric Surgery in Pre-teens: Should we do it?". 2nd Annual Gulf Obesity Surgery Society, Dubai, UAE. 2014.
- 15. "Bariatric Surgery for the Treatment of Morbid Obesity in Adolescents". Distinguished Visitor, Royal Australasian College of Surgeons. Bangkok, Thailand. May 2019.
- 16. "Bariatric Surgery for Children and Adolescents with Severe Obesity." Updates on Pediatric Surgery, International Center for Professional Development. Virtual Symposium, November 2022.

6) PROFESSIONAL REGISTRATIONS, LICENSES, CERTIFICATIONS

New York 204884 Issued: November 7, 1996 (inactive)

Pennsylvania 419867 Issued: November 22, 2002 (inactive)

Washington, DC 038279 Issued: August 12, 2009

Maryland D0070982 Issued: June 11, 2010

Virginia 0101270020 Issued: June 23, 2020

General Surgery, American Board of Surgery Issued: October 29, 2003

Recertification Expiration: December 31, 2024

Pediatric Surgery, American Board of Surgery Issued: April 3, 2006

Recertification Expiration: December 31, 2026

7) GRANTS AWARDED OR PENDING

Current

1. Title of Grant: "The Role of Gut Microbiota in Children and Adolescents Undergoing

Laparascopic Sleeve Gastrectomy"

Funding Agency: Thrasher Research Fund Early Career Award

Dates of Award: 01/012022-12/31/2023

Yearly Direct Costs: \$26,750 Role: Co-Mentor

2. Title of Grant: "The Role of Gut Microbiota in Children and Adolescents Undergoing

Laparascopic Sleeve Gastrectomy"

Funding Agency: Research in Academic Pediatrics Initiative on Diversity (RAPID),

American Pediatric Association

Dates of Award: 5/1/2022-4/30/2023

Yearly Direct Costs: \$15,000 Role: Co-Mentor

3. Title of Grant: "The Role of Gut Microbiota in Children and Adolescents Undergoing

Laparascopic Sleeve Gastrectomy"

Funding Agency: NIH/NIDDK Loan Repayment Program (LRP) Award

Dates of Award: 8/1/2022-7/31/2024

Yearly Direct Costs: \$100,000 Role: Co-Mentor

Pending

4. Title of Grant: "Feasibility of a randomized trial for the treatment of pediatric severe obesity"

Funding Agency: NIH/NIDDK

Dates of Award: June 5, 2023 submission

Role: Co-I, Site-PI

Completed

5. Title of Grant: "Mechanism of Nitric Oxide-mediated Enterocyte Apoptosis"

Funding Agency: Surgical Infection Society Research Fellowship Award

Dates of Award: 1999-2000 Yearly Direct Costs: \$35,000 Role: PI % Effort: 100%

6.. Title of Grant: "Nitric Oxide in the Regulation of Gram-Positive Sepsis"

Funding Agency: Children's Hospital of Pittsburgh Seed Money Grant

Dates of Award: 1999-2000 Yearly Direct Costs: \$10,000

Role: PI % Effort: 10%

7.. Title of Grant: "Carbon Monoxide in the Treatment of Pulmonary Hypertension"

Funding Agency: Children's Hospital of Pittsburgh Seed Money Grant

Dates of Award: 2003-2004
Yearly Direct Costs: \$10,000
Role: PI
% Effort: 10%

8. Title of Grant: "A prospective, open-label study to evaluate the safety and efficacy of

Lap-Band Adjustable Gastric Banding in the Treatment of Morbidly Obese Adolescents"

Funding Agency: The Harris Foundation

Dates of Award: 2005-2009
Yearly Direct Costs: \$400,000
Role: Co-I
% Effort: 15%

9. Title of Grant: "The Role of TGF-β in the Pathogenesis of Experimental Biliary Atresia"

Funding Agency: American College of Surgeons Faculty Research Fellowship

Dates of Award: 2007-2009 Yearly Direct Costs: \$40,000 Role: PI % Effort: 75%

10. Title of Grant: "Laparoscopic Adjustable Gastric Banding (LAP-BAND®) as a

Treatment of Morbid Obesity in Adolescents."

Funding Agency: Inamed Health Corporation

Dates of Award: 2007-2011
Yearly Direct Costs: \$180,000
Role: Co-I
% Effort: 15%

11. Title of Grant: "The Role of TGF-β in the Pathogenesis of Experimental Biliary Atresia"

Funding Agency: NIH/NIDDK (#K08DK083769)

Dates of Award: 2008-2014 Yearly Direct Costs: \$124,000

Role: PI % Effort: 75%

12. Title of Grant: "Systems Biology of Extreme Weight Loss"

Funding Agency Sheikh Zayed Institute for Pediatric Surgical Innovation

Dates of Award: 2010-2013
Yearly Direct Costs: \$334,056
Role: Co-I
% Effort: 10%

13. Title of Grant: "Genetic Influences on Depot-specific adipose tissue remodeling with

Obesity"

Funding Agency: CTSA-UL1RR031988

Dates of Award: 2011-2012 Yearly Direct Costs: \$49,900 Role: Co-I % Effort: 5%

14. Title of Grant: "Genetic Basis of Surgical Weight-loss Outcomes"

Funding Agency: Sheikh Zayed Institute for Pediatric Surgical Innovation

Dates of Award: 2011-2014 Yearly Direct Costs: \$384,817

Role: PI % Effort: 20%

15. Title of Grant: "Obesity in Asthma: Adipocyte Exosomes Mediate TGF- β Signaling in

Airway Epithelium"

Funding Agency: CTSA-UL1RR031988

Dates of Award: 2013-2014
Yearly Direct Costs: \$40,000
Role: Co-PI
% Effort: 10%

16. Title of Grant: "Age and Ethnicity-related Differences in Adipose-Specific

Inflammation"

Funding Agency: Sheikh Zayed Institute for Pediatric Surgical Innovation

Dates of Award: 2013-2014
Yearly Direct Costs: \$111,538
Role: Co-I
% Effort: 10%

17. Title of Grant: "Adipose Exosomal miRNAs Drive Insulin Sensitivity Following Surgical

Weight Loss."

Funding Agency: Children's Research Institute Bridge Funding

Dates of Award: 2014-2015 Yearly Direct Costs: \$100,000

Role: PI 50%

18. Title of Grant: "Effect of bariatric surgery in pediatric obesity on brain and cognition"

Funding Agency: NIH/NIDDK (1R56DK104644)

Dates of Award: 2015-2016 Yearly Direct Costs: \$150,000 Role: Co-I % Effort: 5%

19. Title of Grant: "Maternal Adipocyte-Derived Exosomes in the Thin-Fat Indian Baby

Paradox"

Funding Agency: NIH/Fogarty International Center

Dates of Award: 2018-2020

Yearly Direct Costs: \$203,675 Role: Co-I % Effort: 2%

Clinical Trials/Contracts:

1. Title: A Phase 3, Randomized, Placebo-Controlled, 60-Week Trial to Evaluate

the Efficacy and Safety of Setmelanotide in Patients with Hypothalamic Obesity

Funder: Rhythm Pharmaceuticals
Dates of Award: Pending site visit June 2023.

Role: Site-PI

Open IRB Protocols:

1. Phase II Trial of Liraglutide in Adolescents with Obesity After Sleeve Gastrectomy

- 2. Bariatric Surgery Biobank
- 3. Age and ethnicity-related differences in adipose-specific inflammation
- 4. Bariatric Surgery Research Registry.

Patents and Pending Patents

1. Freishtat RJ, **Nadler EP**, Ferrante S, Hubal M. US15/580,047: (PCT/US2016/36880) Adipocyte-Derived Exosomes, and Compositions, Kits, and Methods of Using the Same for Detection and Screening. Issued 2021.

8) SOCIETIES AND APPOINTMENTS/HONORS

Societies

2000-2004	Shock Society, Student Member
2002-2004	American College of Surgeons, Candidate Group
2004-2007	American College of Surgeons, Associate Member
2007-Present	American College of Surgeons, Fellow
2003-2017	Surgical Infection Society, Member
2004-2007	Surgical Infection Society - Informatics Committee, Member
2009-2010	Surgical Infection Society - Fellowship Committee, Member
2011-2014	Surgical Infection Society - Fellowship Committee, Chair
2014-2017	Surgical Infection Society - Audit Committee, Chair
2003-2014	Association for Academic Surgery, Member

2007-2009	Association for Academic Surgery - Institutional Representative, NYU
2007-2009	Association for Academic Surgery- Membership Committee
2007-2008	Association for Academic Surgery – Development Committee
2008-2010	Association for Academic Surgery - Global Affairs Committee, Co-Chair
2009-2011	Association for Academic Surgery, Deputy Treasurer
2004-2017	International Pediatric Endosurgery Group, Member
2004-2017	Society of American Gastrointestinal Endoscopic Surgeons, Member
2008-2009	Society of American Gastrointestinal Endoscopic Surgeons - Pediatric Liaison Committee, Member
2006-2010	Children's Oncology Group, Member
2007-Present	American Pediatric Surgery Association, Member
2011-2014	American Pediatric Surgery Association, Informatics/Telemedicine Committee, Member
2006-2009	American Pediatric Surgery Association, Founding Member, Ad Hoc Committee on Childhood Obesity
2007-Present	American Academy of Pediatrics, Surgical Section, Member
2008-2010	New York Surgical Society, Member
2010-Present	Society of University Surgeons, Member
2015-2018	Society of University Surgeons, NABR Representative
2016-Present	The Obesity Society, Member
Appointments	
2006-2007	New York State Centers for Bioterrorism Preparedness Planning- Pediatric Task Force
2007-2009	Children's Hospital of Los Angeles Pediatric Disaster Resource & Training Center- National Advisory Board
2010-2016	Senator Kirsten Gillibrand's (NY) Healthy Children Working Group- Member

Honors

1998	"Management of Blunt Pancreatic Injury in Children", American College of Surgeons, Pennsylvania Committee on Trauma. Resident Trauma Paper Competition, 2nd Place.
1999-2000	"Mechanism of Nitric Oxide-mediated Enterocyte Apoptosis". Surgical Infection Society Research Fellowship Award.
2007-2008	"The Role of TGF-β in the Pathogenesis of Experimental Biliary Atresia". American College of Surgeons Faculty Research Fellowship.

Journal Reviewer

- 1. Ad Hoc Reviewer for (in no particular order):
 - a. Journal of Pediatric Surgeryb. Journal of Surgical Research

 - c. Surgery
 - d. Annals of Surgery
 - e. Journal of the American College of Surgeons
 - f. Pediatrics
 - g. Surgery for Obesity and Related Disorders
 - h. The Lancet Child and Adolescent Health

9) ADMINISTRATIVE DUTIES & UNIVERSITY ACTIVITIES

2004-2009	NYU Medical Center - Minimally Invasive Pediatric Surgery, Director
2004-2009	NYU Medical Center - Patient Safety Sub-Committee, Member
2004-2009	NYU Department of Surgery - Quality Assurance Committee, Member
2005-2009	NYU Medical Center - Eclipsys Implementation Clinical Advisory Committee, Member
2007-2009	NYU Medical Center - Institutional Review Board, Member
2009-2018	Children's National Hospital - Committee for Care of Patients with Obesity, Chair and Founder
2009-Present	Children's National Hospital- Co-Director, Children's National Obesity Programs
2009-Present	Children's National Hospital-Director, Child and Adolescent Weight-loss Surgery Program
2011-Present	Children's National Hospital - Institutional Review Board, Member
2012-2014	Children's National Hospital- Medical Executive Committee, Member
2014-2016	Children's National Hospital- Physician Extender Supervisor, Division of General and Thoracic Surgery
2014-2020	Children's National, Hospital- Credentials Committee, Member

10) EDUCATIONAL ACHIEVEMENTS

a) Courses Taught (add Table)

- 1) Pediatric Surgery Only the Essentials "Fluid, Electrolytes, and Nutrition", Children's National Hospital Washington DC, 2012-2020
- 2) Pediatric Surgery Only the Essentials "Bariatric Surgery". Children's National Hospital, Washington DC, 2012-2020.
- 3) NIH Endocrinology Board Review Course "Bariatric Surgery and Resolution of Insulin Resistance/T2DM". Bethesda, MD. 2013.

b) New Courses or Programs Developed

2005-2009	NYU General Surgery Laparoscopic Curriculum (2-3 lectures each subsequent year after
	2005), Creator

2008-2010 Association of Academic Surgery Fundamentals of Research and Career Development Course for West Africa, (3-5 lectures/course). Freetown, Sierra Leone Abuja, Nigeria, Co-Director and Co-Creator

2010-2020 Adolescent Bariatric Surgery: Techniques and Program Development 2-day visit by Pediatric Surgeon to Children's National Hospital, and return 2-day visit at attendee's local hospital, Mentor

c) Students or Post-Doctoral Fellows served as Primary Advisor

Medical Students Mentored at NYU:

Seema Pursnani Danielle Patterson Isaac Ezon Nathan Zilbert Emily Stamell Shivani Reddy

Surgery Residents Mentored at NYU:

Avraham Schlager

Julia Finkelstein

Surgery Residents Mentored at CNMC:

Emily Koeck Ashanti Franklin

Surgery Fellows Mentored at CNMC:

Allison Speer Eric Jellin Jun Tashiro Elise McKenna Kibileri Williams Adil Shah

Endocrinology Fellow Mentored at CNMC:

Anna Zenno

Gastroenterology Fellow Mentored at CNMC:

Cynthia Akagbosu

Educational Awards:

2009 Candidate for School of Medicine's nominee to the All-University Selection Committee for the Distinguished Teaching Award.

Student or Participant Evaluations: (MOVE to TEACHING EFFECTIVENESS Section)

Emails from select attendees for Adolescent Bariatric Surgery training:

- 1. Dear Evan- Thank you so much for coming down to provide support to our team as we start our surgical program! Your insights are so valuable to us.
- 2. Hi Evan, Thank you for taking time off your busy schedule to help me gain some first-hand experience with regards to the sleeve procedure. I was very impressed with the skillful and smooth way in which the operation was carried out at your center.

11) CONSULTANT APPOINTMENTS

- 1. Paid Consultant for WL Gore, Inc to evaluate new surgical stapler buttress device.
- 2. Funded by WL Gore, Inc to train pediatric surgeons on the technique of laparoscopic sleeve gastrectomy and how to create an adolescent bariatric surgery program.
- 3. Paid Advisory Board Member for Rhythm Pharmaceuticals.
- 4. Paid Advisory Board Member for Novo Nordisk

12) **SERVICE TO COMMUNITY**

2013-2017	DC Youth Sports Network, Advisory Board (volunteer position)
2015-2021	DC Stoddert Soccer, Advisory Board (volunteer position)
2020-2021	DC Stoddert Soccer, Chairman of the Board (volunteer position)