

CURRICULUM VITAE

Emmett E. Whitaker, M.D., F.A.A.P.

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PERSONAL:

Date of Birth: January 17, 1979

Place of Birth: Richmond, VA

CURRENT POSITION: Associate Professor of Anesthesiology, Neurological Sciences, & Pediatrics
University of Vermont Larner College of Medicine
Attending Pediatric Anesthesiologist
University of Vermont Medical Center
Burlington, VT

EDUCATION:

1997-2002 Niagara University, Lewiston, NY, *summa cum laude*. B.S. with Honors.
Majors: Biology, Spanish; Minor: French

2002-2006 University of Rochester School of Medicine and Dentistry
M.D. With Distinction in Research, May 19, 2006. AOA Graduate.

LICENSURE:

2011-2015 State of Maryland Medical License # D73475 (inactive)
2013-present State of Ohio Medical License # 121452 (inactive)
2017-present State of Vermont Medical License # 042.0013903

CERTIFICATIONS:

Diplomate of the American Board of Anesthesiology
Certificate #50721, awarded 7/21/2013

Pediatric Anesthesiology Subspecialty Certification,
Certificate #50721, awarded 9/13/2014

United States Medical Licensing Examination Part 3
Passed March 2007

United States Medical Licensing Examination Part 2 CS
Passed August 2006

United States Medical Licensing Examination Part 2 CK
Passed August 2005

United States Medical Licensing Examination Step 1
Passed June 2004

DEA Practitioner Certificate #FW2993574

TRAINING:

2006-2007	Intern in Internal Medicine Mercy Medical Center Department of Medicine Baltimore, MD
6/2007-10/2011	Resident in Anesthesiology and Critical Care Medicine Johns Hopkins Medical Institutions Department of Anesthesiology Baltimore, MD
11/2008-4/2009	Chief Resident Johns Hopkins Medical Institutions Department of Anesthesiology
10/2011-6/2012	Research Fellow Johns Hopkins Medical Institutions Department of Anesthesiology
7/2012-6/2013	Pediatric Anesthesiology Fellow Johns Hopkins Medical Institutions Department of Anesthesiology Baltimore, MD

EMPLOYMENT:

Administrative and Academic Appointments:

2011-2012	Assistant Professor of Anesthesiology and Clinical Fellow Johns Hopkins Medical Institutions Department of Anesthesiology Baltimore, MD
10/2013-2/2018	Assistant Professor of Anesthesiology, Clinical The Ohio State University College of Medicine
3/2018-present	Associate Professor of Anesthesiology, Neurological Sciences, & Pediatrics University of Vermont Larner College of Medicine
2014-2017	Associate Director of Resident & SRNA Education Nationwide Children's Hospital Department of Anesthesiology & Pain Medicine
2014-2017	Director of Medical Student Education Nationwide Children's Hospital Department of Anesthesiology & Pain Medicine
2018-present	Faculty University of Vermont Graduate College
2018-present	Faculty University of Vermont Neuroscience Graduate Program (NGP)

Hospital Appointments:

10/2013-2/2018	Attending Anesthesiologist The Ohio State University Wexner Medical Center
10/2013-2/2018	Attending Pediatric Anesthesiologist Nationwide Children's Hospital

3/2018-present Attending Pediatric Anesthesiologist
University of Vermont Medical Center

PROFESSIONAL EXPERIENCE, LEADERSHIP, AND COMMITTEES:

2005-2006 Alternate Member, University of Rochester School of Medicine and Dentistry
Honor Board. Developed School Honor Code

2005-2006 Ad-hoc Member, American Society of Anesthesiologists Committee on
Residents and Medical Students

2005-2006 Member, Mercy Hospital Quality Assurance Committee

2007-2008 Member, Johns Hopkins Department of Anesthesiology and Critical Care
Medicine Residency Curriculum Committee

2008-2011 Coordinator, Johns Hopkins Department of Anesthesiology and Critical Care
Medicine ASA PAC Initiative

2008-2011 Resident Member, Johns Hopkins Department of Anesthesiology Education
Committee

2008-2011 Resident Chairperson, Johns Hopkins Department of Anesthesiology
Curriculum Development Initiative

2013-2017 Director, Fellow Oral Board Preparation Program,
Nationwide Children's Hospital

2015-2017 Member, Medical School Applicant Evaluation Committee
The Ohio State University School of Medicine

2015-2018 Founder and Director, Nationwide Children's Hospital Infant and Child
Spinal (Intrathecal) Anesthesia Program

2016-2018 Member, Ohio State University Medical Student Research Fellowship
Program Advisory Council

2018-present University of Vermont Department of Anesthesiology Research Committee

2019-present University of Vermont Department of Anesthesiology Grand Rounds
Committee

2019-present University of Vermont Department of Anesthesiology Education Committee

2020-present Multiple Mini Interviewer, University of Vermont College of Medicine
Admissions Committee

2021-present University of Vermont Department of Anesthesiology Quality & Safety
Committee

NATIONAL APPOINTMENTS:

2015-present Question Author, American Board of Anesthesiology
Pediatric Anesthesiology Subspecialty Examination

2017 Moderator, American Society of Anesthesiologists Medically Challenging
Cases Poster Session

2018-2019 Member, American Society of Anesthesiologists Committee on Pediatric
Anesthesia

2018-present Member, American Society of Anesthesiologists Abstract Review
Subcommittee on Pediatric Anesthesia

2018 Moderator, American Society of Anesthesiologists Oral Presentations
Pediatric Anesthesia: Regional Anesthesia & Pain

2019 Abstract Reviewer, International Anesthesia Research Society Annual
Meeting

2019	Moderator, American Society of Anesthesiologists Poster Session
2019-present	Member, American Society of Anesthesiologists Abstract Review Subcommittee on Experimental Neurosciences
2019-2020	Program Shadow for 2020 Annual Meeting of the Society for Pediatric Anesthesia
2019-present	Application Reviewer, Foundation for Anesthesia Education and Research Medical Student Anesthesia Research Fellowship
2020-2021	Program Chair, Society for 2021 Pediatric Anesthesia Annual Meeting in San Diego, CA
2020	Moderator, American Society of Anesthesiologists Poster Session
2020	Member, American Board of Anesthesiology Standard Setting Committee for Pediatric Anesthesiology Certification Exam
2021-present	PBLD Reviewer, Society for Pediatric Anesthesia Annual Meeting
2021-present	Foundation for Anesthesia Education and Research Medical Student Anesthesia Research Fellowship (MSARF) Application reviewer
2021-present	Visiting Scholars in Pediatric Anesthesia Program (ViSiPAP) University of Vermont Site Coordinator
2021-present	Member, Society for Pediatric Anesthesia Research Committee
2021-present	Member, Society for Pediatric Anesthesia Communications Committee
2021-present	Grant Reviewer, National Institutes of Health Loan Repayment Grant Program (NICHD)
2022-present	Member, Society for Pediatric Anesthesia Grant Review Committee
2022-present	Junior Advisor, Women's Leadership and Empowerment Initiative (WELI); Society for Pediatric Anesthesia

AWARDS and HONORS:

2002-2005	University of Rochester School of Medicine and Dentistry "Rochester Prize Scholarship"
2004	Selected to be featured in University of Rochester Scholarship Fundraising video
2006	M.D. Degree with Distinction in Research, conferred May 19, 2006
2006	Inductee, Alpha Omega Alpha, Medical Honor Society. University of Rochester Chapter
2008	SEA/FAER Abbott Scholar, ASA 2008 Annual Meeting
2008	Selected as Johns Hopkins ACCM Chief Resident. Served November 2008-April 2009
2009	SEA-HVO Fellow, Peru Teaching Program. Awarded, fellowship not accepted.
2011	Friend of the PACU Award, Johns Hopkins Hospital. Awarded by nursing staff to a colleague who is collaborative and team-oriented.
2011	ASA/FAER Mentoring Award
2013	The Mark I. Rossberg Outstanding Pediatric Anesthesiology Fellow Teaching Award Johns Hopkins Medical Institutions
2014	Recognition Award for Outstanding Clinical Teaching Nationwide Children's Hospital
2016	Society for Pediatric Anesthesiology Young Investigator Award "Isoflurane Anesthesia Causes Significant Alterations in Structure and Neurochemistry in the Neonatal Piglet Brain"

2016	3 rd Annual National Medical Student Research Forum (Mentor), 3 rd Place Author: Brianne Wiemann “Sex Differences in miRNA Expression after Isoflurane Anesthesia: A Pilot Study”
2016	Society for Pediatric Urology, Best Clinical Abstract 2016 Fall Congress “Spinal anesthesia for pediatric urological surgery: reducing the theoretic neurotoxic effects of general anesthesia”
2019	International Anesthesia Research Society/Association of University Anesthesiologists, Junior Faculty Travel Award 2019 Annual Meeting “The Electroencephalographic Signature of Spinal Anesthesia in Infants: a Multi-Center Pilot Study”
2021	Inducted into University of Vermont College of Medicine Teaching Academy as Distinguished Educator

PROFESSIONAL ORGANIZATIONS:

2003-present	Member, American Society of Anesthesiologists Founder and Past Chair, ASA Medical Student Component
2003-present	Member, American Medical Association
2006-2011	Resident Delegate, Maryland Society of Anesthesiologists
2006-2011	Resident Delegate, American Society of Anesthesiologists Resident Component
2007-2011	Resident Member, American Society of Regional Anesthesia
2008-present	Member, Society for Pediatric Anesthesiology
2008-present	Member, International Anesthesia Research Society
2009-2011	Resident Fellow, SEA/HVO
2014-2017	Specialty Fellow, American Academy of Pediatrics
2015-2018	Member, Pediatric Steering Committee for Anesthesiology Toolbox
2019-present	Associate Member, Perinatal Research Society
2022-present	Specialty Fellow, American Academy of Pediatrics

TEACHING (DIDACTICS):

9/2013-3/2018	Pediatric Anesthesia Fellow Lecture Series, Nationwide Children’s Hospital
9/2013-3/2018	Resident/SRNA Lecture Series, Nationwide Children’s Hospital
8/2014	Neonatal Anesthesiology. The Ohio State University Resident Lecture Series
8/2014	Pediatric Anesthesiology. The Ohio State University Resident Lecture Series
8/2018	Pediatric Anesthesiology. CA1 Lecture Series, University of Vermont
12/2018	Neonatal Physiology. CA2-3 Lecture Series, University of Vermont
7/2019	Neuraxial Anesthesia. CA1 Lecture Series, University of Vermont
6/2020	Building a Good PBLD. CA2-3 Lecture Series, University of Vermont
7/2020	Strategies for Success on the Oral Boards. CA1 Lecture Series, University of Vermont
2/2021	Epidural and Spinal Anesthesia. NICU Fellows Conference, University of Vermont
3/2021	Common Anesthesia Complications/Allergic Reactions. CA1 Lecture Series, University of Vermont

- 8/2021 Preoperative Assessment
University of Vermont Larner College of Medicine 3rd Year Medical Student
Bridge Week Lecture
- 2/2022 Neurophysiology & Anesthesia. CA1 Lecture Series, University of Vermont

INVITED LECTURES & PRESENTATIONS:

- 10/2014 “Substance Abuse in Anesthesia”
Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
- 1/2015 “Frontiers in Anesthesiology Research: Anesthetic Neurotoxicity”
Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
- 5/2015 “Spinal Anesthesia for Infants and Children”
Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
- 8/2015 “Common Myths in Anesthesiology”
Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
- 1/2016 “Research Careers in Anesthesiology”
Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
- 3/2016 “Anesthetic-Induced Developmental Neurotoxicity (AIDN): A Translational
Neuroscience Approach”
University of Pennsylvania Department of Anesthesiology
Research in Progress Seminar Series
- 3/2016 “Isoflurane Anesthesia Causes Significant Alterations in Structure and
Neurochemistry in the Neonatal Piglet Brain”
Society for Pediatric Anesthesiology Annual Meeting
Young Investigator Award Lecture
- 5/2016 “Anesthetic Management of Craniosynostosis”
Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
- 9/2016 “Spinal anesthesia for pediatric urological surgery: reducing the theoretic
neurotoxic effects of general anesthesia”
Society for Pediatric Urology Fall Congress
- 1/2017 “New Methodologies and Technologies for the Study of Anesthetic Effects
on the Developing Brain”
British Columbia Children’s Hospital, Visiting Professor Rounds
- 3/2017 “New Methodologies and Technologies for the Study of Anesthetic Effects
on the Developing Brain”
Nemours/Alfred I. DuPont Hospital for Children, Pediatric Anesthesiology
Grand Rounds
- 4/2017 “Spinal Anesthesia in Infants and Children: Old Technique, New
Applications”
University of North Carolina Department of Anesthesiology, Pediatric
Anesthesiology Grand Rounds
- 5/2017 “New Methodologies and Technologies for the Study of Anesthetic Effects
on the Developing Brain”
University of Vermont Medical Center, Anesthesiology Grand Rounds
- 7/2017 “Development of a Pediatric Spinal Anesthesia Program: the Importance of
Interdisciplinary Collaboration”
Nationwide Children’s Hospital Combined Anesthesia/Surgery Grand
Rounds
- 8/2017 “Anesthesia and Systemic Inflammation in Infants and Children”

	Nationwide Children’s Hospital Research Institute, Clinical & Translational Seminar Series
12/2017	“Myth or Fact: Dogma in Contemporary Anesthesia Practice”
	Nationwide Children’s Hospital Dept. of Anesthesiology Grand Rounds
3/2018	“New Methodologies and Technologies for the Study of Anesthetic Effects on the Developing Brain”
	University of Vermont Neurological Sciences Basic Science Grand Rounds
9/2018	“Spinal Anesthesia in Children: Old Technique, New Applications”
	Maine Medical Center Anesthesiology Grand Rounds
10/2018	“What’s New in Anesthetic Neurotoxicity”
	Society of Pediatric Anesthesia Annual Meeting, San Francisco, CA
5/2019	“The Electroencephalographic Signature of Spinal Anesthesia in Infants: a Multi-Center Pilot Study”
	IARS/AUA Annual Meeting
9/2020	“Spinal Anesthesia: Diversifying Options for Pediatric Anesthesia”
	Texas Children’s Hospital Faculty & Fellows Conference
7/2021	“Launching a Spinal Anesthesia Program in your Practice”
	University of Nebraska Children’s Hospital Grand Rounds
11/2021	Invited Guest Speaker
	Children’s Hospital of Philadelphia Journal Club
11/2021	“Developmental Origins of Health and Disease: Implications of Pre and Perinatal Disease”
	Montefiore Medical Center/Albert Einstein Anesthesiology Grand Rounds
12/2021	“Developmental Origins of Health and Disease: Implications of Pre and Perinatal Disease”
	Montefiore Medical Center/Albert Einstein Anesthesiology Grand Rounds
12/2021	“Developmental Origins of Health and Disease: Anesthetic Implications of Pre and Perinatal Insults”
	Dartmouth Hitchcock Medical Center Anesthesiology Grand Rounds
3/2022	“Exposure to Preeclampsia <i>In Utero</i> Leads to Cerebrovascular Dysfunction in Offspring”
	Association of University Anesthesiologists Annual Meeting
4/2022	“The Infant Spinal: Diversifying Options for Pediatric Anesthesia”
	McMaster University Department of Anesthesiology Grand Rounds

WORKSHOPS:

2020	Society for Pediatric Anesthesia: Implementing Spinal Anesthesia in Your Practice Coordinator
	Society for Pediatric Anesthesia Annual Meeting, Bahamas
2021	Society for Pediatric Anesthesia: Implementing Spinal Anesthesia in Your Practice Coordinator
	Society for Pediatric Anesthesia Annual Meeting (Virtual)
2021	Society for Pediatric Anesthesia: Implementing Spinal Anesthesia in Your Practice Coordinator
	Society for Pediatric Anesthesia Annual Meeting, Tampa, FL

PBLDs:

- 2016 One is Too Many and A Thousand is Never Enough: How to Identify and Approach Suspected Opioid Diversion
Society for Pediatric Anesthesia Annual Meeting
- 2018 Please don't intubate my baby! Alternatives to general anesthesia (GA) in a neonate with clubfoot and Pierre Robin sequence (PRS)
Society for Pediatric Anesthesia Annual Meeting

FELLOWS TRAINED:

Nationwide Children's Hospital

2013-2014:

Jessica Goeller (Doctor's Hospital, Columbus, OH)
Anna Staudt (Navel Medical Center, Portsmouth, VA)
Joanna Dion (University of Western Ontario, Canada)
Kyle Smith (University of Pittsburgh Medical Center)

2014-2015

Samantha Vizzini (Jackson Memorial Hospital, Miami, Florida)
Arvid Yung (University of Rochester/Strong Memorial Hospital)
Cindy Lin (Beaumont Health System, Detroit, Michigan)
Peter Iliev (New York Medical College)

2014-2016

Hiromi Kako (Japan)
Mineto Kamada (Japan)

2015-2016

Lance Relland (University of Washington, Seattle, Washington)
Brienne Bordes (Ochsner Clinic, New Orleans, Louisiana)
Max Teets (New York University, New York, New York)
Micheal Adeleye (University of Georgia, Augusta, Georgia)

2016-2017

Lis Dewhirst (The Ohio State University, Columbus, Ohio)
Katerina Reznikov (Cornell University, New York, NY)
Alex Froysheter (Rush University, Chicago, Illinois)
Ellise Cappuccio (Montefiore Medical Center, New York, NY)

2017-2018

Seth Myers (The Ohio State University, Columbus, Ohio)
Richard Hubbard (University of Pittsburgh, Pittsburgh, PA)
Alex Ramirez (Rush University Medical Center, Chicago, IL)
Mary Jane Romnek (William Beaumont Health System, Detroit, MI)

PROFESSIONAL MENTORSHIP:

- 2013-present Tanner Koppert, Undergraduate Research Associate
2014-2018 Christopher Zheng, M.D. Candidate, Ohio State University
2014-2018 Kristen Quinn, M.D. Candidate, Ohio State University
2014-2018 Emily Geyer, B.S. Candidate, University of Notre Dame

2015-2018	Brianne Wiemann, M.D. Candidate, Ohio State University
2015-2017	Jason Xia, M.D. Candidate, Ohio State University
2016-2018	David Allen, M.D. Candidate, Ohio State University
2016-2018	Pamela Benavidez, M.D. Candidate, Ohio State University
2016-2017	Prithvi Shetty, B.S. Candidate, Ohio State University
2017-2017	Christopher Suozzi, B.S. Candidate, Ohio State University
2017-2018	Nate Hollis, B.S. Candidate, Ohio State University
2018-2020	Danielle Kalliopoulos, B.S. Candidate, University of Vermont
2018-2020	Daron Forohar, B.S. Candidate, University of Vermont
2018-2020	Caity Decara, B.S. Candidate, University of Vermont
2018-present	Danielle Leahy, M.D., Anesthesiology Resident, University of Vermont
2019-2021	Ryan Lutzkowski, B.S., University of Vermont
2019-present	Christina Litsakos, M.D., Anesthesiology Resident, University of Vermont
2019-present	Lynn Correll, M.D., Ph.D., Anesthesiology Junior Faculty, University of Rochester School of Medicine and Dentistry
2019-present	Benjamin Sanofsky, M.D., Pediatric Anesthesiology Fellow, Stanford University
2019-present	K. Elliott Higgins, M.D., Anesthesiology Junior Faculty, University of Vermont
2020-present	Angeli Thawani, M.D., Anesthesiology Resident, University of Vermont
2020-present	Benjamin Jorgensen, M.D., Anesthesiology Resident, University of Vermont
2021-present	Jack Chan, M.D., Anesthesiology Resident, University of Vermont
2021-present	Hunter Myers, M.D. Candidate, University of Vermont
2021-present	Samuel Aldous, M.D. Candidate, University of Vermont
2022-present	Gabriela Sarriera-Valentin, M.D. Candidate, University of Vermont

CURRENT RESEARCH:

Basic Science/Translational Research

1. Mechanisms of Perinatal Arterial Ischemic Stroke in Animal Models
2. Effects of maternal disease on cerebrovascular development and function in offspring
Mentor: Marilyn Cipolla, Ph.D. (University of Vermont)

Clinical Research

1. Outcomes after spinal anesthesia as an alternative to general anesthesia in infants
2. Electroencephalographic signatures of spinal anesthesia in neonates and infants
3. Objective Measurement of Pediatric Regional Anesthesia via Electromyography
Collaborator: Robert Greenberg, M.D.; (Johns Hopkins University)
4. Effects of Preeclampsia on Cerebrovascular Function in Offspring

RESEARCH SUPPORT:

2013-2017	Nationwide Children's Hospital Startup Grant "Anesthetic Effects on the Developing Brain" (PI) \$200,000 (renewable after 4 years)
2014-2016	National Institutes of Health Loan Repayment Program Grant (NICHD) "Development of a Preclinical Piglet Model to Further Study Anesthetic-Induced Mechanisms of Neurotoxicity in the Pediatric Population" (PI) \$140,000 (competitively renewed after 2 years)

- 2015-2016 Nationwide Children's Hospital Intramural Grant
 "Isoflurane-induced neuroinflammation in children with hydrocephalus: A bench-to-bedside, translational study of molecular pathways and therapeutic approaches." (PI)
 \$40,000 (renewable after 1 year)
- 2015 Ohio State University Barnes Summer Research Grant
 "Anesthetic Neurotoxicity in Neonatal Piglets" (Mentor)
 Medical Student: Christopher Zheng
- 2015 Ohio State University Barnes Summer Research Grant
 "Neuroinflammation after Anesthesia and Ventriculoperitoneal Shunt Repair in Children with Hydrocephalus" (Mentor)
 Medical Student: Kristen Quinn
- 2015-2017 Davis-Bremer Foundation Pre-K Award (OSU Center for Clinical and Translational Science)
 "Isoflurane-induced neuroinflammation in children with hydrocephalus: A bench-to-bedside, translational study of molecular pathways and therapeutic approaches." (PI)
 \$100,000 (renewed competitively after 1 year)
- 2016 Ohio State University Roessler Summer Research Grant
 "Sex Differences in miRNA Expression after Isoflurane Anesthesia: A Pilot Study" (Mentor)
 Medical Student: Brianne Wiemann
- 2016 Ohio State University Roessler Summer Research Grant
 "Glutamate Dysregulation After Sevoflurane Anesthesia" (Mentor)
 Medical Student: Jason Xia
- 2016 Society for Pediatric Anesthesia Young Investigator Grant
 "The Impact of Surgical Stress on Sevoflurane-Induced Glutamate Dysregulation, a Potential Mechanism Enhancing Excitotoxicity and Anesthesia-Induced Developmental Neurotoxicity" (PI)
 \$15,000
- 2017 Ohio State University Barnes Summer Research Grant
 "Sevoflurane-Induced Glutamate Dysregulation, a Potential Mechanism of Anesthesia-Induced Developmental Neurotoxicity" (Mentor)
 Medical Student: David Allen
- 2017 Ohio State University Roessler Summer Research Grant
 "Cytokine expression in frontal cortex of neonatal piglets in response to sevoflurane general anesthesia" (Mentor)
 Medical Student: Pamela Benavidez
- 2018 University of Vermont Department of Anesthesiology Startup Grant
 \$350,000
- 2018 University of Vermont Health Network Research Award
 "Effects of major surgical stress on neurodevelopment in neonatal piglets." (PI)
 \$50,000
- 2020 Larner College of Medicine Summer Student Research Fellowship
 Mentee: Samuel Aldous (M.D. Candidate)
- 2021-2023 Foundation for Anesthesia & Education Mentored Research Training Grant
 "Sevoflurane Induced Cerebrovascular Dysfunction in Infant Offspring from Preeclamptic Pregnancies"
 \$250,000

PEER-REVIEWED PUBLICATIONS:

1. Butera PC; Briffa CF; **Whitaker EE**. Devazepide fails to reverse the inhibitory effects of interleukin-1 β on food intake in female rats. *Physiol Behav*. 2004 Oct 15;82(5):777-83. PMID: 15451641
2. Bailey PL, **Whitaker EE**, Palmer LS, Glance, LG. The Accuracy of the Central Landmark Used for Central Venous Catheterization of the Internal Jugular Vein. *Anesth Analg* 102: 1327-1332 PMID: 16632804
3. **Whitaker EE**; Erdek MA. Non-Interventional Pharmacotherapy for Treatment of Complex Regional Pain Syndrome: A Review. *Neurosurgery Quarterly*. Dec 2008. 18(4): 277-282.
4. **Whitaker EE**; Richman JM; Edelman A. A Case Report of Epidural Spread after Interscalene Block. *J Clin Anesth*. 2010 Mar;22(2):132-4. PMID: 20304357
5. Kim TW; Fernandez A; Wingate J; **Whitaker, EE**; Tham RQ. Washout times of desflurane, sevoflurane and isoflurane from the GE healthcare Aisys (®) and Avance (®) Carestation (®) and Aestiva (®) Anesthesia System. *Paediatr Anaesth*. 2013 Dec; 23(12):1124-30. PMID: 23947944
6. Lee JK, Brady KM, Chung SE, Jennings JM, **Whitaker EE**, Aganga D, Easley RB, Heitmiller K, Jamrogowicz JL, Larson AC, Lee JH, Jordan LC, Hogue CW, Lehmann CU, Bembea MM, Hunt EA, Koehler RC, Shaffner DH. A pilot study of cerebrovascular reactivity autoregulation after pediatric cardiac arrest. *Resuscitation*. 2014 Oct; 85(10):1387-93. PMID: 25046743
7. **Whitaker EE**, Argote-Romero A, Jayanthi VR, Tome E, Tobias JD. Perioperative Care of an Adolescent with 11-Beta-Hydroxylase Deficiency. *J Med Cases*. 2015; 6(5): 221-225
8. Gable A, **Whitaker EE**, Tobias JD. Use of the laryngeal mask airway in the prone position. *Pediatric Anesthesia and Critical Care Journal*. 2015;3(2):118-123
9. **Whitaker EE**, Bissonnette B, Miller AD, Koppert TL, Tobias JD, Pierson CR, Christofi FL. A novel, clinically relevant use of a piglet model to study the effects of anesthetics on the developing brain. *Clin Transl Med*. 2016 Mar;5(1):2. PMID: 26757938
10. Ochoa-Cortes F, Turco F, Linan-Rico A, Soghomonyan S, **Whitaker EE**, Wehner S, Cuomo R, Christofi FL. Enteric Glial Cells: A New Frontier in Neurogastroenterology and Clinical Target for Inflammatory Bowel Diseases. *Inflamm Bowel Dis*. 2016 Feb;22(2):433-49. PMID: 26689598
11. Walia H, **Whitaker EE**, Pearson G, Tobias JD. General Anesthesia With Dexmedetomidine and Remifentanyl in a 3-Year-Old Child: An Alternative Anesthetic Regimen to Allay Parental Concerns of the Potential Neurocognitive Effects of General Anesthesia. *J Med Cases*. 2016; 7(3): 109-113
12. Liñán-Rico A, Turco F, Ochoa-Cortes F, Harzman A, Needleman BJ, Arsenescu R, Abdel-Rasoul M, Fadda P, Grants I, **Whitaker EE**, Cuomo R, Christofi FL. Molecular Signaling and Dysfunction of the Human Reactive Enteric Glial Cell Phenotype: Implications for GI Infection,

- IBD, POI, Neurological, Motility, and GI Disorders. *Inflamm Bowel Dis.* 2016 Aug;22(8):1812-34. PMID: 27416040
13. Cromeens BP, Leonard JR, Governale LS, Kirschner RE, Pearson GD, Levitt MA, Wood RJ, Thakkar RK, Islam MP, McKinney JL, **Whitaker EE**, Bryant JA, Adler BH, Ray WC, Hoehne B, Besner GE: The separation of pygopagus conjoined twins with fused spinal cords and imperforate anus. *Journal of Pediatric Surgery Case Reports* 2016; 11: 47-49
 14. Humston C, Craver A, Huffman J, Grannell T, **Whitaker EE**, Bryant J, Governale L, Walz P. Anesthetic management of a pediatric patient undergoing clival tumor resection via the expanded endonasal approach. *Pediatric Anesthesia and Critical Care Journal* 2017;5(1):16-23
 15. **Whitaker EE**, Christofi FL, Quinn KM, Wiemann BZ, Xia JC, Tobias JD, Bissonnette B. Selective induction of IL-1 β after a brief isoflurane anesthetic in children undergoing MRI examination. *J Anesth.* 2017 Apr;31(2):219-224 PMID: 28050702
 16. Walia H, Hakim M, **Whitaker EE**, Samora W, Klamar JE, Tobias JD. 6p25 Deletion and Anesthetic Implications During Growing Rod Insertion for Early Onset Scoliosis. *J Med Cases.* 2017;8(3):73-7
 17. **Whitaker EE**, Miler V, Bryant J, Proicou S, Jayanthi R, Tobias JD. Spinal anesthesia after intraoperative cardiac arrest during general anesthesia in an infant. *Local Reg Anesth.* 2017;10:25-29 PMID: 28435322
 18. **Whitaker EE**, Zheng CZ, Bissonnette B, Miller AD, Koppert TL, Tobias JD, Pierson CR, Christofi FL. Use of a Piglet Model for the Study of Anesthetic-induced Developmental Neurotoxicity (AIDN): A Translational Neuroscience Approach. *J Vis Exp.* 2017 Jun 11;(124). PMID: 28654034
 19. **Whitaker EE**, Wiemann BZ, Dajusta DG, Alpert SA, Ching CB, McLeod DJ, Jayanthi VR. Spinal anesthesia for pediatric urological surgery: reducing the theoretic neurotoxic effects of general anesthesia. *J Pediatr Urol.* 2017 Jul 14. *Clinical Prize Winner.* PMID: 28818338
 20. Soghomonyan S, Abdel-Rasoul M, Zuleta-Alarcon A, Grants I, Davila V, Yu J, Zhang C, **Whitaker EE**, Bergese SD, Stoicea N, Arsenescu R, Christofi FL. Clopidogrel IBS Patients Have Higher Incidence of Gastrointestinal Symptoms Influenced by Age and Gender. *Dig Dis Sci.* 2017 Oct;62(10):2728-2743. PMID: 28840395.
 21. Froysheter AB, Tumin D, **Whitaker EE**, Martin DP, Hakim M, Walia H, Bhalla T, Tobias JD. Changes in tissue and cerebral oxygenation following spinal anesthesia in infants: a prospective study. *J Anesth.* 2018 Apr;32(2):288-292. PMID: 29330639
 22. Geyer ED, Shetty PA, Suozzi CJ, Allen DZ, Benavidez PP, Liu J, Hollis CN, Gerhardt GA, Quintero JE, Burmeister JJ, **Whitaker EE**. Adaptation of Microelectrode Array Technology for the Study of Anesthesia-induced Neurotoxicity in the Intact Piglet Brain. *J Vis Exp.* 2018 May 12;(135). PMID: 2980692
 23. Trifa M, Tumin D, **Whitaker EE**, Bhalla T, Jayanthi VR, Tobias JD. Spinal anesthesia for surgery longer than 60 min in infants: experience from the first 2 years of a spinal anesthesia program. *J Anesth.* 2018 Aug;32(4):637-640. Epub 2018 May 28. PMID: 29808260

24. Ebert KM, Jayanthi VR, Alpert SA, Ching CB, DaJusta DG, Fuchs ME, McLeod DJ, **Whitaker EE**. Benefits of spinal anesthesia for urologic surgery in the youngest of patients. *J Pediatr Urol*. 2019 Feb;15(1):49. Epub 2018 Aug 17. PMID: 30201472.
25. Jayanthi VR, Spisak K, Smith AE, Martin DP, Ching CB, Bhalla T, Tobias JD, **Whitaker EE**. Cobmided Spinal/Caudal Catheter Anesthesia: Extending the Boundaries of Regional Anesthesia for Complex Pediatric Urological Surgery. *J Pediatr Urol*. 2019 Oct;15(5):442-447. Epub 2019 Apr 11. PubMed PMID: 31085139.
26. **Whitaker EE**, Wiemann BZ, Xia JC, Bissonnette B, Liu J, Fadda P, Tobias JD, Christofi FL. Distinct, sex-dependent miRNA signatures in piglet hippocampus induced by a clinically relevant isoflurane exposure: a pilot study. *J Anesth*. 2019 Dec;33(6):670-679. doi: 10.1007/s00540-019-02695-5. Epub 2019 Oct 14. PMID: 31612349.
27. **Whitaker EE**, Williams RK. Epidural and Spinal Anesthesia for Newborn Surgery. *Clin Perinatol*. 2019 Dec;46(4):731-743. Epub 2019 Aug 15. Review. PMID: 31653305
28. **Whitaker EE**, Cipolla MJ. Perinatal stroke. *Handb Clin Neurol*. 2020;171:313-326. PMID: 32736758.
29. Sanofsky BA, Jorgensen BV, **Whitaker EE**, Lisle JW, Waldschmidt BM. Single-Shot Spinal Anesthesia in an Infant Requiring Magnetic Resonance Imaging and Open Lower-Extremity Surgery: A Case Report. *J Med Cases*. 2020 Sep;11(9):286-288. doi: 10.14740/jmc3519. Epub 2020 Aug 6. PMID: 34434414
30. **Whitaker EE**, Johnson AC, Miller JE, Lindner DP, Cipolla MJ. Abnormal development of cerebral arteries and veins in offspring of experimentally preeclamptic rats: Potential role in perinatal stroke. *Mech Ageing Dev*. 2021 Jun;196:111491. doi: 10.1016/j.mad.2021.111491. PMID: 33864898.
31. **Whitaker EE**, Chao JY, Holmes GL, Legatt AD, Yozawitz EG, Purdon PL, Shinnar S, Williams RK. Electroencephalographic assessment of infant spinal anesthesia: A pilot prospective observational study. *Paediatr Anaesth*. 2021 Sep 12. doi: 10.1111/pan.14294. PMID: 34510633.

EDITORIAL ACTIVITY:

2014	Ad-hoc reviewer, <i>Frontiers in Pharmacology</i>
2015	Ad-hoc reviewer, <i>Pediatric Research</i> (Nature Publishing Group)
2017	Ad-hoc reviewer, <i>Journal of Anesthesia & Clinical Research</i>
2017	Ad-hoc reviewer, <i>BMC Anesthesiology</i>
2017	Ad-hoc reviewer, <i>BMC Case Reports</i>
2018	Ad-hoc reviewer, <i>BMC Anesthesiology</i>
2018	Ad-hoc reviewer, <i>Journal of Visualized Experiments</i>
2018	Ad-hoc reviewer, <i>Journal of Pediatric Urology</i>
2019	Ad-hoc reviewer, <i>Journal of Cerebral Blood Flow and Metabolism</i>
2019	Ad-hoc reviewer, <i>Stroke</i>

- 2019 Ad-hoc reviewer, *Neurotoxicology and Teratology*
 2020 Ad-hoc reviewer, *Pediatric Anesthesia*

INVITED BOOK CHAPTERS:

- 2009 **Whitaker EE**, Schwengel DA: Aborted Takeoff. Gallagher, CJ; Schwengel, DA; Lewis, MC (Eds.): Core Clinical Competencies in Anesthesiology: A Case Based Approach. Cambridge University Press, 2010, pp. 410-412
- 2010 **Whitaker EE**, Mukherjee, A, Liu, T, Hong, B, Heitmiller, E: Introduction and Definition of Sedation. Urman, RD; Kaye, AD (Eds.) Moderate and Deep Sedation in Clinical Practice. Cambridge University Press, 2012, pp. 1-7
- 2010 **Whitaker, EE**, Halloran, O: Anesthesia for Obesity and Obesity Surgery. Gallagher, CJ; Schwengel, DA; Lewis, MC; Ginsberg, S; Park, C (Eds.) Anesthesia Unplugged. 2nd Edition. McGraw-Hill Professional, 2012, pp.561-568.
- 2013 **Whitaker, EE**. Hematopoietic Diseases. Lockman, JL (Ed.) Review of Pediatric Anesthesia Topics, 1st Edition. Naerthwyn Press, LLC.
- 2014 **Whitaker, EE**; Tobias, JD. Perioperative complications of anaesthesia in children. World Clinics in Anesthesia, Critical Care, and Pain: Paediatrics. Baheti, DK; Dhayagude, S; Deshpande, J; Menon, R. (Eds.) Jaypee Medical Publishers, 2014.
- 2016 **Whitaker EE**, Miketic, RM, Heitmiller, E: Introduction and Definition of Sedation. Urman, RD; Kaye, AD (Eds.) Moderate and Deep Sedation in Clinical Practice (2nd Edition). Cambridge University Press, 2016
- 2016 **Whitaker EE**, Miketic, RM, Heitmiller, E: Pain Assessment and Management Considerations. Urman, RD; Kaye, AD (Eds.) Moderate and Deep Sedation in Clinical Practice (2nd Edition). Cambridge University Press, 2016
- 2019 **Whitaker EE**, Williams RK. Epidural and Spinal Anesthesia for Newborn Surgery. Clin Perinatol. 2019 Dec;46(4):731-743. Epub 2019 Aug 15. Review. PMID: 31653305
- 2020 **Whitaker EE**, Cipolla MJ: Perinatal Stroke. Steegers EA; Cipolla MJ; Miller EC (Eds.) Neurology and Pregnancy. Elsevier Press, 2020
- 2021 **Whitaker EE**, Williams RK, Lauro HV, Chaudhry R, Davis PJ: Anesthesia for General Abdominal, Urologic Surgery (Chapter 33) Davis PJ, Cladis FP (Eds.) A Practice of Anesthesia for Infants and Children, 10th Ed. Elsevier Press, 2021
- 2022 Sanofsky BA, Miketic, RM, Heitmiller, E, **Whitaker EE**: Introduction and Definition of Sedation. Urman, RD; Kaye, AD (Eds.) Moderate and Deep Sedation in Clinical Practice (3rd Edition). Cambridge University Press, 2016.
- 2022 Higgins KE, Miketic, RM, Heitmiller, E, **Whitaker EE**: Introduction and Definition of Sedation. Urman, RD; Kaye, AD (Eds.) Moderate and Deep Sedation in Clinical Practice (3rd Edition). Cambridge University Press, 2016.

POSTER PRESENTATIONS:

- May 2003 Butera, PC; Briffa, CF; **Whitaker, EE**. "CCK- α receptors do not mediate the effects of interleukin-1 beta on food intake in female rats." Presented at the annual meeting of the Society for Neuroscience, New Orleans, Nov. 2003.

- May 2005 **Whitaker, EE**; Bailey, PL; Palmer, L; Glance, L. "Ultrasound Study of the Internal Jugular Vein. Presented at the Annual Meeting of the Society for Cardiac Anesthesiologists.
- December 2009 **Whitaker, EE**; Schwengel, DA; Berkow, LC. "Evaluation of Learning and Retention of American Heart Association (AHA) Cardiopulmonary Resuscitation (CPR) Protocols." Presented at the 2009 Johns Hopkins ACCM Research Symposium.
- December 2009 **Whitaker, EE**; Schwengel, DA; Berkow, LC. "Evaluating One-on-One Teaching versus One-on-One Teaching and Self-Study Module for Anesthesia Machine Checkout." Presented at the 2009 Johns Hopkins ACCM Research Symposium.
- April 2010 **Whitaker, EE**; Schwengel, DA; Kost-Byerly, S. "Guidelines for Anticoagulation in Pediatric Patients Undergoing Regional And Neuraxial Techniques." Presented at the 2010 Maryland Society of Anesthesiologists Resident Research Conference.
- October 2010 **Whitaker, EE**; Vallera, C; Murphy, JM; Yan, D; Ennen, C. "A Case of Ex-Utero Intrapartum Treatment in a Fetus with a Large Neck Mass Incompatible with Tracheostomy or ECMO." Presented as a Medically Challenging Case at the ASA 2010 Annual Meeting in San Diego.
- December 2010 **Whitaker, EE**; Vallera, C; Murphy, JM; Yan, D; Ennen, C. "A Case of Ex-Utero Intrapartum Treatment in a Fetus with a Large Neck Mass Incompatible with Tracheostomy or ECMO." Presented as a Medically Challenging Case at the Johns Hopkins Annual Research Day.
- March 2011 **Whitaker, EE**; Ajuba-Iwuji, C; Yaster, M. "Anesthesia for Thoracoscopic Correction of Congenital Diaphragmatic Hernia in the Neonate: A Case of Difficult Mechanical Ventilation." Presented as a Medically Challenging Case at the Society for Pediatric Anesthesiology Annual Meeting, San Diego, CA, March 2011.
- May 2011 **Whitaker, EE**; Pham, R; Kim, TW. "Preparation of Datex Ohmeda Aestiva Anesthesia Workstations for use in Malignant Hyperthermia Susceptible Patients." Original research presented at IARS Annual Meeting in Vancouver, BC, Canada.
- October 2012 **Whitaker, EE**; Aganga, D; Jamrogowicz, J; Larson, AC; Bembea, M; Brady KM; Koehler RC; Hogue CJ; Shaffner, DH; Lee, JK. "Cerebrovascular Autoregulation after Pediatric Cardiac Arrest." Accepted for presentation at October 2012 ASA Annual Meeting.
- March 2013 **Whitaker, EE**; Jamrogowicz, J; Larson, AC; Koehler, KC; Lee, JM; Lee, JK. "Anesthesia Does Not Induce Neuroapoptosis in Juvenile Swine". Presented at the Society for Pediatric Anesthesia Winter Meeting.
- October 2014 **Whitaker, EE**; Argote, GA; Jayanthi, VR; Tome, E; Tobias, JD. "Perioperative care of an adolescent with congenital adrenal hyperplasia related to 11 β -hydroxylase deficiency." Presented as a medically challenging case at the ASA Annual Meeting in New Orleans, LA
- October 2015 **Whitaker, EE**; Bissonnette, B; Koppert, TL; Zheng, CZ; Pierson, CR; Tobias, JD; Christofi, FL. Development of a Translational, Preclinical Piglet Model of Anesthesia-Induced Neurotoxicity Mechanisms in the Pediatric Population." Presented at the ASA Annual Meeting in San Diego, CA.

- October 2015 **Whitaker, EE**; Bissonnette, B; Koppert, TL; Zheng, CZ; Pierson, CR; Tobias, JD; Christofi, FL. “Neuroinflammation and Ischemic Neurodegeneration in the Central Nervous System of Newborn Piglets After Isoflurane Anesthesia.” Presented at the ASA Annual Meeting in San Diego, CA.
- March 2016 Teets M, Kamada M, Lin C, **Whitaker EE**, Bryant J, Tobias J. “Evaluating Cross Circulation of Conjoined Twins.” Presented at the Society for Pediatric Anesthesia 2016 Annual Meeting.
- October 2016 **Whitaker EE**, Bhalla T, Martin DP, Schloss BS, Jayanthi R, McLeod D, Tobias JD. “Building a Spinal Anesthesia Program for Children: The First 70 Patients in a Tertiary Care Pediatric Hospital.” Presented at the American Society of Anesthesiologists 2016 Annual Meeting.
- March 2017 **Whitaker EE**, Humeidan ML, Gerhardt GA, Quintero JE, Xia JC, Wiemann BZ, Bissonnette B, Christofi FL. Sevoflurane Causes a Significant Increase in Hippocampal Glutamate in Neonatal Piglets. Presented at the Society for Pediatric Anesthesia 2017 Annual Meeting.
- March 2017 **Whitaker EE**, Xia JC, Wiemann BZ, Bissonnette B, Christofi FL. Sex Differences in miRNA Expression in Hippocampus of Neonatal Piglets after Isoflurane Anesthesia: A Pilot Study. Presented at the Society for Pediatric Anesthesia 2017 Annual Meeting.
- March 2017 **Whitaker EE**, Christofi FL, Quinn KM, Xia JC, Wiemann BZ, Rice JR, Bissonnette B. Selective induction of IL-1 β after a brief isoflurane anesthetic in children undergoing MRI examination. Presented at the Society for Pediatric Anesthesia 2017 Annual Meeting.
- March 2017 **Whitaker EE**, Bissonnette B, Xia JC, Wiemann BZ, Zheng CZ, Christofi FL. Modest but Significant Changes in Gene Expression After Isoflurane Anesthesia in Clinically-Monitored Neonatal Piglets. Presented at the Society for Pediatric Anesthesia 2017 Annual Meeting.
- March 2017 Trifa M, Martin DP, Bhalla T, Veneziano GC, Fedel GM, Tobias JD, Jayanthi VR, **Whitaker EE**. Outcomes after spinal anesthesia in a tertiary care pediatric hospital: experience from the first 105 cases. Presented at the Society for Pediatric Anesthesia 2017 Annual Meeting.
- September 2017 Suozzi CJ, Liu J, Geyer ED, Shetty PA, Allen DZ, Benavidez PP, Hollis CN, Gerhardt GA, Quintero JE, Burmeister JJ, Humeidan ML, Christofi FL, **Whitaker EE**. Potential for Glutamate Excitotoxicity: The Interplay Between Surgical Stress and Anesthetic Exposure in a Clinically Relevant Animal Model. Presented at the Midwest/Great Lakes Undergraduate Research Symposium.
- May 2018 Williams RK, Breidenstein MW, Friend AF, **Whitaker EE**, Taenzer AH. Academic Achievement After Multiple Exposures to Early Childhood Surgery. Presented at the International Anesthesia Research Society 2018 Annual Meeting.
- May 2019 **Whitaker EE**, Chao J, Purdon PP, Liu F, Williams RK. The Electroencephalographic Signature of Spinal Anesthesia in Infants: a Multi-Center Pilot Study. Presented at the International Anesthesia Research Society 2018 Annual Meeting.
- March 2022 **Whitaker EE**, Johnson AC, Tremble SM, Cipolla MJ. “Exposure to Preeclampsia *In Utero* Leads to Cerebrovascular Dysfunction in Offspring” International Anesthesia Research Society Annual Meeting

- March 2022 **Whitaker EE**, Johnson AC, Tremble SM, Cipolla MJ. "Exposure to Preeclampsia *In Utero* Leads to Cerebrovascular Dysfunction in Offspring" International Anesthesia Research Society Annual Meeting
- March 2022 Aldous S, McQuilkin S, **Whitaker EE**, Bliss D. "Use of Transesophageal Echocardiography to Diagnose an Uncommon Cause of Sudden Cardiovascular Collapse in the Prone Position" International Anesthesia Research Society Annual Meeting
- March 2022 Aldous S, McQuilkin S, **Whitaker EE**, Bliss D. "Use of Transesophageal Echocardiography to Diagnose an Uncommon Cause of Sudden Cardiovascular Collapse in the Prone Position" International Anesthesia Research Society Annual Meeting
- March 2022 Sanofsky BA, Thawani A, Ramamurthi RJ, **Whitaker EE**. "Decreasing Emergence Agitation with Personalized Music (DEAP Music): A Pilot Trial" Association of University Anesthesiologists Annual Meeting
- March 2022 Sanofsky BA, Thawani A, Ramamurthi RJ, **Whitaker EE**. "Decreasing Emergence Agitation with Personalized Music (DEAP Music): A Pilot Trial" International Anesthesia Research Society Annual Meeting
- April 2022 Sanofsky BA, **Whitaker EE**, Waldschmidt B. National Utilization of Infant Spinal Anesthesia: A Survey of Members of the Society for Pediatric Anesthesia." Society for Pediatric Pain Medicine Annual Meeting
- April 2022 Sanofsky BA, **Whitaker EE**, Waldschmidt B. National Utilization of Infant Spinal Anesthesia: A Survey of Members of the Society for Pediatric Anesthesia." Society for Pediatric Anesthesia Annual Meeting

ABSTRACTS:

- 2004 **Whitaker, EE**; Bailey, PL; Palmer, L. "Ultrasound study of the internal jugular vein." Society of Cardiac Anesthesiologists Annual Meeting 2005.
- 2012 Dalesio, NM; Ishman, SL; **Whitaker, EE**; McMichael, DH; Schwengel, D. Preoperative Nocturnal Hypercarbia on Polysomnography Correlates With Post-Adenotonsillectomy Respiratory Complications in Pediatric Obstructive Sleep Apnea Patients. ASA Annual Meeting 2012.
- 2012 Dalesio, NM; **Whitaker, EE**; Greenberg, RS. A Systematic Approach to Ultrasonography of the Pediatric Airway. ASA Annual Meeting 2012.
- 2016 Soghomonyan S, Grants I, Ochoa-Cortes F, Abdel-Rasoul M, Davila V, Yu J, Cheng Z, Razvan A, **Whitaker EE**, Zuleta-Alarcon A, Bergese S, Christofi F. (May 2016). Retrospective Analysis in IBS Patients Reveals a Higher Incidence of GI Symptoms in Plavix Patients Influenced by Age and Gender. Accepted for presentation to Digestive Disease Week in San Diego, CA.
- 2016 Ochoa-Cortes F, Liñán-Rico A, Zuleta-Alarcon A, Zhou M, **Whitaker EE**, Grants I, Mutafova-Yambolieva V, Durnin L, Needleman B, Harzman A, Cuomo R, Turco F, Christofi F. Mechanosensory Signaling in Human Enteric Glial Cells. Accepted for presentation to Digestive Disease Week in San Diego, CA.
- 2016 **Whitaker EE**, Wiemann BZ, Dajusta DG, Alpert SA, Ching CB, McLeod DJ, Jayanthi VR. Spinal anesthesia for pediatric urological surgery: reducing the theoretic neurotoxic effects of general anesthesia. Podium presentation at

Society for Pediatric Urology Fall Congress in Austin, TX. *Best Clinical Abstract Winner.*

INTERVIEWS AND PODCASTS:

- 2020 OpenAnesthesia Ask the Experts: Spinal Anesthesia in Neonates and Infants
Click [here to listen](#)
- 2020 PediaPain Focus: Spinal Analgesia for Babies: What’s all the Fuss About?
Click [here to listen](#)
- 2021 American Society of Anesthesiologists Medical Student Component:
Subspecialties and Career Paths in Anesthesiology. Pediatric Anesthesiology.
Click [here to listen](#)

MEDIA EXPOSURE:

- 2015 Expertise sought for comment on neurotoxicity for an article published in the Columbus Dispatch:
<http://www.dispatch.com/content/stories/local/2015/06/08/study-raises-caution-flag-on-anesthesia-for-kids.html>
- 2015 Commentary sought on developing a spinal anesthesia program for infants to avoid concerns about safety of general anesthesia:
<http://www.wsj.com/articles/a-less-risky-anesthesia-for-babies-1449514284>
- 2015 Profiled as a visiting professor at the University of Vermont Medical Center, learning infant spinal anesthesia:
<http://www.wcax.com/story/29574152/uvm-medical-center-doctors-lead-the-way-in-spinal-anesthesia-for-babies>
- 2017 Spinal anesthesia offers another choice for young children, Columbus Dispatch.
<http://bit.ly/2inVMEt>
- 2017 Spinal Anesthesia: Surgery Without General Anesthesia, Nationwide Children’s Hospital Media Campaign.
<https://youtu.be/O3HxaLx8B6g>

INTERNATIONAL WORK IN DEVELOPING COUNTRIES

International Volunteers in Urology (IVU) trip to San Pedro Sula, Honduras, March 2014
International Volunteers in Urology (IVU) trip to San Pedro Sula, Honduras, January 2015
Heart Care International pediatric cardiac surgery trip to Lima, Peru, November 2015

INTERESTS:

- 1997-present **Vocal Music.**
2004-present **General Aviation.** Licensed Private Pilot.

LANGUAGES:

- Spanish (fluent written and spoken)
- French (proficient written and spoken)

REFERENCES:

Available upon request