

Curriculum Vitae

Name: Gina M. Whitney
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Education

1990 - 1998 M.D. in Medicine from Tulane University, New Orleans, Louisiana

Training

1990 - 1994 B.A. in Biochemistry and Molecular Biology from Brown University, Providence, Rhode Island
07/1998 - 06/2001 Residency in Pediatrics from Tulane University Hospitals and Clinics, Tulane University School of Medicine, New Orleans, Louisiana
07/2001 - 06/2004 Fellowship in Pediatric Intensive Care Medicine from Children's Medical Center at Dallas, University of Texas Southwestern Medical School, Dallas, Texas
07/2004 - 06/2005 Fellowship in Pediatric Cardiac Intensive Care Medicine from Texas Children's Hospital, Baylor College of Medicine, Houston, Texas
01/2007 - 12/2009 Residency in Anesthesiology from Monroe Carell Jr. Children's Hospital at Vanderbilt, Vanderbilt University Medical Center, Nashville, TN
01/2010 - 09/2010 Fellowship in Pediatric Anesthesiology from Monroe Carell Jr. Children's Hospital at Vanderbilt, Vanderbilt University Medical Center, Nashville, TN

Licensure and Certification

1997 - Present Board Certificate, National Board of Medical Examiners United States (5-010-952-9)
07/1999 - 05/2002 Medical License, Louisiana Medical License of Louisiana United States (024668)
2001 - 2011 Board Certificate, Diplomat, American Board of Pediatrics United States
05/2002 - 08/2005 Medical License, Texas Medical License of Texas United States (L4173)
04/2005 - 06/2015 Medical License, Tennessee Medical License of Tennessee United States (MD 39682)
02/2011 - 12/2012 Improvement Advisor, Institute for Healthcare Improvement of Massachusetts
05/2011 - Present Board Certificate, American Board of Anesthesiology
06/2013 - 06/2018 National Patient Safety Foundation, Certification for Professionals in Patient Safety
10/2014 - Present Board Certificate, Pediatric Anesthesiology

Academic Appointments

2005 - 2007 Assistant Professor, Pediatrics and Anesthesiology, Vanderbilt University Medical Center (Nashville, Tennessee)
07/2005 - 01/2007 Assistant Professor, Vanderbilt University (Nashville, Tennessee)
07/2005 - 01/2007 Assistant Professor, Vanderbilt University (Nashville, Tennessee)
2007 - 2010 Instructor, Pediatrics, Vanderbilt University Medical Center (Nashville, Tennessee)
01/2007 - 06/2008 Instructor in Clinical, Vanderbilt University (Nashville, Tennessee)
07/2008 - 06/2010 Instructor in Clinical Pediatrics, Vanderbilt University (Nashville, Tennessee)
07/2009 - 09/2010 Clinical Fellow in Anesthesiology, Vanderbilt University (Nashville, Tennessee)
10/2010 - 11/2014 Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)
10/2010 - 11/2014 Assistant Professor, Anesthesiology and Pediatrics, Vanderbilt University Medical Center (Nashville, Tennessee)
07/2011 - 11/2014 Assistant Professor of Pediatrics, Vanderbilt University (Nashville, Tennessee)

01/2015 - Present Associate Professor of Anesthesiology, University of Colorado - Denver
(Denver, Colorado)

Professional Organizations

2012 Society for Pediatric Anesthesia, Member, Committee on Enduring Materials
American Society of Anesthesiology, Member
Tennessee Society of Anesthesiology, Member
Society of Critical Care Medicine, Member
Congenital Cardiac Anesthesia Society, Member
American Society of Patient Safety Professionals

Professional Activities

Intramural

08/2010 - 11/2014 Airway Protection Committee - VUMC, Anesthesiology
02/2011 - 11/2014 VUMC Transfusion Committee - VUMC, Co-chair
02/2011 - 11/2014 Blood Product Utilization Task Force - VUMC
02/2012 - 11/2014 PM&I Executive Council, Pediatrics
04/2012 - 11/2014 OR Blood Product Management Redesign - VUMC, Hosted by Center for
Clinical Improvement
06/2012 - 11/2014 Quality Leaders Council - VUMC

Extramural

03/2011 - Present Quality and Patient Safety, Society of Pediatric Anesthesia
10/2012 - Present Ad-hoc Reviewer for Pediatric Anesthesia

Teaching Activities

N/A Procedural Sedation in Children with Congenital Heart Disease, For
Perioperative Advanced Nurse Practitioners
2010 Pediatric Anesthesiology Fellow Conference: Introduction to Congenital Heart
Disease for the Anesthesiologist
2010 Pediatric Intensive Care Fellow Conference: The Pediatric Airway
07/2010 Pediatric Intensive Care Fellow Conference: Intubation of the High Risk
Pediatric Patient
11/0 - Present Transfusion in the Pediatric Patient
07/17 - Present What Happens in the OR: Anesthesia for the non-Anesthesiologist
04/2010 - Present ECMO for Patients with Congenital Heart Disease
04/2010 - Present Anesthesia for Patients with Congenital Heart Disease Undergoing Non-
Cardiac Surgery
04/2010 - Present Pediatric Perioperative Fluid Management
11/2010 - Present Post Operative Management of the Single Ventricle Patient - Stage 1
11/2010 - Present Developmental Cardiopulmonary Physiology for the Pediatrician
11/2010 - Present An Overview of Congenital Heart Disease
04/2011 - Present The Adult Patient with Congenital Heart Disease
04/2011 - Present Advanced Pediatric Airway
04/2011 - Present What Happens in the Cardiac OR?
04/2011 - Present Intraoperative Blood Product Utilization in Pediatric Cardiac Surgery
06/2011 - Present Introduction to Quality Improvement
10/2011 - Present Systems Thinking - Performance Assessment and Improvement
Pioneer Project Session #1 Charter Development, Teaching basic Quality
06/2012 - Present Improvement Principles and facilitation of project charter development,
driver diagrams

Research Supervision / Mentorship

N/A Stephanie Reed (Resident)
05/2011 - Present Paula Marincola, M.D. (Resident, Research)
06/2011 - Present Meaghan O'Neill, M.D., Ph.D. Current Position: Summer research student -
FAER. (Medical Student, Research)
06/2011 - Present Michael Kreger (Resident, Research)
03/2013 - Present Dupree Hatch Current Position: Neonatology Fellow - QI for Out of OR
Airway Management. (Post-doc Fellow, General Mentorship)

07/2014 - Present Stephanie Grant, M.D. (General Mentorship)

Other Significant Activities

07/2010 Airway Management Curriculum - Pediatric ICU Fellows:
05/2011 Student Summer Research Curriculum - Anesthesiology Department:
Quality Improvement Seminar - Anesthesiology Department: Developed
08/2011 Quality Improvement training curriculum for senior residents in
anesthesiology. Lecture and small group facilitation format.
01/2012 Event Analysis Facilitator - MCJCHV Quality Improvement Office:

Grants and Funding

PI-12-001 Matthew Weinger, MD (PI) 06/2012 - 06/2015
Patient Centered Non-Routine Events to Identify Risks to Best Patient Outcomes
Role: Co-Investigator

Honors / Awards

N/A Charity Hospital, Resident of the Year 2001, Medical Center of Louisiana at
New Orleans
05/1999 Intern Teaching Award, Tulane Department of Pediatrics
05/2000 Resident Teaching Award, Tulane Department of Pediatrics
05/2001 Alpha Omega Alpha, Tulane University Medical School
05/2001 Outstanding Resident in Pediatrics, Tulane Department of Pediatrics
10/2010 Caught at Our Best, Jackson Madison County Regional Health Care
02/2011 Scholarship - Institute for Healthcare Improvement - Improvement Advisor
Training Program, VCH
12/2012 2012 Risk Management Award, VUMC Risk Management

Publications

Non-Peer Reviewed Publications

Research Articles

1. **Whitney GM**, Ohtake PJ, Simakajornboon N, Xue YD, Gozal D. AMPA glutamate receptors and respiratory control in the developing rat: anatomic and pharmacological aspects. American journal of physiology. Regulatory, integrative and comparative physiology 2000 Feb;278(2):R520-8. PMID: 10666156.
2. Kuzin JK, Yborra JG, Taylor MD, Chang AC, Altman CA, **Whitney GM**, Mott AR. Family-member presence during interventions in the intensive care unit: perceptions of pediatric cardiac intensive care providers. Pediatrics 2007 Oct;120(4):e895-901. PMID: 17908745.
3. Chappell T, Creech CB, Parra D, Strauss A, Scholl F, **Whitney G**. Presentation of pulmonary artery intimal sarcoma in an infant with a history of neonatal valvular pulmonic stenosis. The Annals of thoracic surgery 2008 Mar;85(3):1092-4. PMID: 18291210.
4. Hain PD, Gay JC, Berutti TW, **Whitney GM**, Wang W, Saville BR. Preventability of Early Readmissions at a Children's Hospital. Pediatrics 2013 Jan;131(1):e171-81. PMID: 23230064.
5. Whitney, Daves, Hughes, Watkins, Woods, Kreger, Marincola, Chocron, Donahue. Implementation of a Transfusion Algorithm To Reduce Blood Product Utilization in Pediatric Cardiac Surgery. 2013 Feb.
6. Varughese AM, Rampersad SE, **Whitney GM**, Flick RP, Anton B, Heitmiller ES. Quality and safety in pediatric anesthesia. Anesthesia and analgesia 2013 Dec;117(6):1408-18. PMID: 24257392.

Book Chapters

1. Essence of Anesthesia Practice.
2. Gina Whitney, Suanne Daves, Brian Donahue. Multi-Organ Effects of Congenital Cardiac Surgery . Anesthesia for Congenital Heart Disease, 3rd Edition. Editors: Andropoulos, Stayer, Russell, and Mossad. Wiley Publishing; 2014 Oct.

Presentations

Invited Presentation - Local

1. Performance Improvement Executive Committee. Nashville, Tennessee. VCH Blood Product Utilization.

Invited Presentation - National

1. Society of Pediatric Anesthesia. Society of Pediatric Anesthesia; San Antonio, Texas. 2011 Oct 12; STAT Events in the Pediatric PACU.

Invited Presentation - Other

1. Center for Clinical Improvement; 12 Nov 15; Lunch and Learn: Systems which Sustain Good Practice.
2. VU School of Nursing; 13 Jan 8; VUMC Blood Utilization: Updates for Acute Care NP's.

University Talk

1. VUMC Quality Leaders Council. 2012 May 23; VUMC Blood Utilization and Management.

Problem based learning discussion

1. Gina Whitney, Stephen Hays. Society of Pediatric Anesthesia. Nashville, Tennessee. 2011 Mar 17; Altered Mental Status in the Pediatric Post Operative Patient.

Presentations at Scientific Meetings

1. Anesthesia Research Day. Vanderbilt University Department of Pediatrics; Nashville, Tennessee. 2011 Apr 22; Intraoperative Blood Product Exposure in Pediatric Patients Following Cardiac Surgery.
2. Association of University Anesthesiologists. Stanford University; 2014 Apr 25; Patient-Reported Perioperative Non-Routine Events.
3. Brian Donahue MD. Association of University Anesthesiologists. Palo Alto, California. 2014 Apr 25; Objective Criteria for Operating Room Exit Associated with Improved Early Postoperative Outcome in Pediatric Cardiac Surgery.
4. Suanne Daves. Association of University Anesthesiologists. Palo Alto, California. 2014 Apr 25; Use of Decision Support to Reduce RBC Utilization at an Academic Medical Center.

Other

1. Lean Six Sigma in Health Care. WCBF; New Orleans, Louisiana. 2012 May 14; CPOE Decision Support Intervention to Decrease PRBC Utilization.

External Grand Rounds

1. Arkansas Children's Hospital Heart Center Annual Meeting. Little Rock, Arkansas. 2013 Feb; Improving Perioperative Care for Children: System Successes and Lessons Learned.