

Curriculum Vitae

Courtney Goodwin Masear, M.D.
Johns Hopkins University School of Medicine

Demographic Information

Current Appointments

2015-present Johns Hopkins University School of Medicine
Assistant Professor, Department of Anesthesiology and Critical Care Medicine

Personal Data

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Education and Training

Undergraduate

2001-2005 *Bachelor of Arts* in Molecular Biology, June 2005, *Cum Laude*
Princeton University, Princeton, NJ

Doctoral

2005-2009 *Doctor of Medicine*, May 2009
Johns Hopkins University School of Medicine, Baltimore, MD

Postdoctoral

2009-2010 *Internship*, Department of Medicine
Mercy Medical Center, Baltimore, MD

2010-2012 *Residency*, Department of Anesthesiology and Critical Care Medicine
2014-2015 Johns Hopkins University School of Medicine

2012-2014 *Postdoctoral Research Fellow*, Dept of Anesthesiology and Critical Care Medicine
Johns Hopkins University School of Medicine

2015-2016 *Fellowship*, Department of Anesthesiology and Critical Care Medicine
Division of Obstetric Anesthesiology
Johns Hopkins University School of Medicine

Professional Experience

2015-present Johns Hopkins University School of Medicine
Department of Anesthesiology and Critical Care Medicine
Assistant Professor

Publications

Peer-Reviewed Original Science Publications

1. Frank, SM.; Rothschild, JA.; Masear, CG.; Rivers, RJ.; Merritt, WT.; Savage, WJ.; Ness, PM. Optimizing Preoperative Blood Ordering with Data Acquired from an Anesthesia Information Management System. *Anesthesiology*. 2013; 118(6):1286-1297.
2. Brown, C; Savage, W; Masear, C; Walston, F; Tian, F; Hogue, C; Frank S. Odds of Transfusion for Older Adults Compared to Younger Adults Undergoing Surgery. *Anesth Analg*. 2014. 118(6):1168-78.
3. Kim, I; Lindeman, K; Masear C. New onset acute pulmonary edema after methylergonovine given during cesarean delivery of a patient with undiagnosed Raynaud's disease. *Int J Obstet Anesth*. 2018. 36: 111-114.

Invited Reviews

1. Frank SM, Masear CG. Optimizing preoperative blood product orders at the Johns Hopkins Hospital. *MLO Med Lab Obs*. 2013; 45:13-4.
2. Masear CG, Frank SM. Best practices for reducing unnecessary preoperative blood orders and associated costs. *MLO Med Lab Obs*. 2017; 49(3):21-22.

Book Chapters

1. Masear CG, Lindeman KS: Placenta Previa. In: Fleisher LA, Roizen MF (eds). *Essence of Anesthesia Practice*, 4th Ed., Philadelphia, Pennsylvania, Saunders, Elsevier, 2017
2. Frank SM, Masear CG. Optimizing preoperative blood orders with a surgical blood order schedule. In: Sweitzer BJ (ed). *Preoperative Assessment and Management*, 3rd edition. Philadelphia: Wolters Kluwer, Lippincott Williams and Wilkins; 2018

Research

2017-present Regional vs. General Anesthesia for Promoting Independence after Hip Fracture Surgery (REGAIN Trial)
PI: Frederick Sieber, MD
Role: Co-investigator

Educational Activities

Educational Program Building and Leadership

Johns Hopkins School of Medicine, Department of Anesthesiology and Critical Care Medicine

2012-2013 Preoperative Evaluation and Anesthesia Course
Course Development and *Course Director, Resident*

2015-2016 Obstetric Anesthesiology Resident Orientation Manual, *Co-author*

2016-present Obstetric Anesthesiology Fellowship, Clinical Competency Committee, *Member*

2016-present Division of Obstetric, Gynecologic and Fetal Anesthesiology, Journal Club, *Co-leader*

Clinical Activities

Certifications and Licensure

2015-present	State of Maryland, Board of Physicians
2015-present	Drug Enforcement Administration License
2015-present	Maryland Controlled and Dangerous Substance License
2016-present	American Board of Anesthesiology
2009-present	Basic and Advanced Cardiac Life Support Certification

Clinical Responsibilities

2015-present	Anesthesia, <i>Attending</i> , 3 days/week (6 months for 2015-2016 academic year)
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Clinical Program Building and Leadership

2016-present	Division of Obstetric, Gynecologic and Fetal Anesthesiology <i>Divisional Leader for Quality, Safety and Service</i>
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Organizational Activities

Professional Societies

2009-present	American Society of Anesthesiologists
2015-present	Society for Obstetric Anesthesia and Perinatology

Recognition

Honors and Awards

2005	Princeton University <i>Cum Laude</i>
2009	Johns Hopkins University School of Medicine Emily Simms Haller Prize for outstanding work in Obstetrics
2011	Johns Hopkins Department of Anesthesiology Annual Research Day Silver Medal Poster for Innovation in Education
2012	Annual Meeting of the American Society of Anesthesiologists, Washington, DC Best Abstracts, Basic Science and Clinical Science Section
2015	Johns Hopkins Hospital, Department of Anesthesiology and Critical Care Medicine, Elizabeth Martinez, MD Leadership Award

Other Professional Accomplishments

Poster Presentations

1. Stoelinga, B, Bienstock, JL, Goodwin, CJ, NA Hueppchen (2007, February). *Encaul Delivery of Extremely Preterm Infants: Does It Make a Difference?* Poster presented at the annual meeting of the Society for Maternal-Fetal Medicine, San Diego, California.

2. Goodwin, CJ, Hueppchen, NA, Witter, FR, Stoeltinga, B, & JL Bienstock (2007, March). *Obesity Increases Incision-to-Delivery Time for Patients Undergoing Repeat Cesarean Section*. Poster presented at the annual meeting of the Society for Gynecologic Investigation, Reno, Nevada
3. Masear, CG, Greenberg, RS, & DA Schwengel (2011, October). *Airway Fire! – High Fidelity Simulation as a Component of Education in Anesthesiology*. Educational exhibit presented at the annual meeting of the American Society of Anesthesiologists, Chicago, IL.
4. Masear, CG, Greenberg, RS, & DA Schwengel (2011, December). *A Novel Model for Airway Fire Simulation for the Education of Anesthesiology Residents*. Poster presented at the Annual Research Day of the Johns Hopkins Department of Anesthesiology and Critical Care Medicine, Baltimore, MD. *Silver Medal Poster for Innovation in Education*.
5. Latif, U, Masear, CG; & DA Schwengel (2012, October). *Early preoperative evaluation and anesthesia education among preliminary residents using a multimedia, interactive online platform: A prospective study*. Educational exhibit presented at the annual meeting of the American Society of Anesthesiologists, Washington, DC.
6. Rothschild, JA, Masear, CG, Savage, WJ, Ness, PM, SM Frank (2012, October) *Optimizing Preoperative Blood Ordering for Low Blood Loss Surgical Procedures Using Data Acquired from an Anesthesia Information Management System*. Oral presentation in the *Best Abstracts, Basic Science and Clinical Science* section of the annual meeting of the American Society of Anesthesiologists, Washington, DC.
7. Masear, CG, Reale, SC, Purvin, MA, Lindeman, KS (2016, May) *An Unusual Cause of Thrombocytopenia in a Patient Undergoing Fetal Therapy*. Poster presented at the annual meeting of the Society for Obstetric Anesthesia and Perinatology, Boston, MA.
8. Reale, SC, Masear, CG, Singh, S, Lindeman, KS (2016, May) *Ondansetron and Spinal Anesthesia-Associated Hypotension: Using Risk Difference to Assess Therapeutic Effectiveness*. Poster presented at the annual meeting of the Society for Obstetric Anesthesia and Perinatology, Boston, MA.
9. Masear, CG, Reale, SC, Singh, S, Lindeman KS (May 2017) *Ondansetron and Spinal Anesthesia-Associated Hypotension during Cesarean section: Using Risk Difference to Assess Therapeutic Effectiveness*. Poster presented at the annual meeting of the Association of University Anesthesiologists, Washington, DC.
10. Kim, I, Lindeman, K, Masear, CG (May 2018) *New Onset of Acute Pulmonary Edema with Methylergonovine During a Cesarean Section*. Poster presented at the annual meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL.