

Curriculum Vitae
Melanie M. Stipp, DNP, MS, CRNA, FAACM

AFFILIATIONS

Melanie M. Stipp Anesthesia Services, PLLC
7 Whittier Pl Ste 108
Boston, MA, 02114
E-mail: StippAnesthesia@proton.me

Melanie M. Stipp Anesthesia Services, PLLC
700 W Saint Clair Ave Ste 100
Cleveland, OH, 44113
E-mail: StippAnesthesia@proton.me

Massachusetts General Hospital
55 Fruit Street
Boston, MA, 02114
E-mail: MStipp@mg.harvard.edu

Case Western Reserve University
10900 Euclid Ave
Cleveland, OH, 44106
E-mail: Melanie.Stipp@case.edu

The Anesthesia Institute
700 W Saint Clair Ave Ste 100
Cleveland, OH, 44113
E-mail: AnesthesiaInstitute@proton.me

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Tel: +1-(617)-468-7805
Fax: +1-(617)-466-7401

EDUCATION

Case Western Reserve University, Cleveland, OH, USA January 2021
DNP, Practice Doctorate, Anesthesiology, Education Leadership

- **Thesis:** *Medication Safety in the Perioperative Setting: A Comparison of Methods for Detecting Medication Errors and Adverse Medication Events in the Operating Room*
- **Advisor:** Ronald L. Hickman, Jr., PhD, RN, ACNP-BC, FAAN, FADLN, FNAP, Dean and Ruth M. Anderson Endowed Professor, Case Western Reserve University, Cleveland, OH, USA
- **Co-advisor:** Karen C. Nanji, MD, MPH, Associate Professor, Harvard Medical School, Boston, MA, USA

Case Western Reserve University, Cleveland, OH, USA

January 2018

MSN, Master of Science in Nurse Anesthesiology

- **Advisor:** Sonya D. Moore, DNP, RN, CRNA, FAAN, FAANA, Director, Nurse Anesthesia Program, Case Western Reserve University, Cleveland, OH, USA

Case Western Reserve University, Cleveland, OH, USA

January 2009

BSN, Bachelor of Science in Nursing, *Bolton Scholar Recipient*

BA, Bachelor of Arts in Sociology, *Stella Berkeley-Friedman Recipient*

- *Pre-Medical Track*
- **Minor:** Chemistry
- Danish Institute for Study Abroad (DIS): Public Health, København, DK, 2008
- **Honors Thesis:** *Sociopolitical Barriers in Implementing a U.S. Universal Health Care System*
- **Advisor:** Brian Gran, JD, PhD, Professor of Sociology & Law, College of Arts & Sciences and Franklin Thomas Backus School of Law, Case Western Reserve University, Cleveland, OH, USA
- Graduated *summa cum laude*

LICENSURE

APRN: Certified Registered Nurse Anesthetist – CRNA

- Issued by: Massachusetts Board of Registration in Nursing
- Valid through: 04/21/2028

RN: Registered Nurse – Massachusetts

- Issued by: Massachusetts Board of Registration in Nursing
- Valid through: 04/21/2028

MCSR: Independent License – Certified Registered Nurse Anesthetist

- Issued by: Commonwealth of Massachusetts
- Valid through: 04/21/2028

DEA: Drug Enforcement Administration Registration

- Issued by: U.S. Department of Justice
- Valid through: 4/17/2027

APRN: Certified Registered Nurse Anesthetist – CRNA

- Issued by: Ohio Board of Nursing
- Valid through: 10/31/2027

RN: Registered Nurse – Ohio

- Issued by: Ohio Board of Nursing
- Valid through: 10/31/2027

CERTIFICATIONS

CRNA: Certified Registered Nurse Anesthetist

- Certifying Body: National Board of Certification and Recertification for Nurse Anesthetists
- Valid through: 01/31/2030

CCRN: Board Certified, Critical Care – Alumnus Designation

- Certifying Body: American Association of Critical Care Nurses
- Valid through: 05/31/2029

DHPT: Digital Health Professional Training Program (Cardiac Care)

- Certifying Body: American Heart Association
- Valid Through: No Expiration

FAACM: Fellow of the American Academy of Cosmetic Medicine (FAACM®)

- Certifying Body: American Academy of Cosmetic Medicine
- Valid through: 11/25/2026

ACLS: Advanced Cardiovascular Life Support

- Valid through: 05/2027

PALS: Pediatric Advanced Life Support

- Valid through: 05/2027

BCLS: Basic Cardiac Life Support

- Valid through: 11/2027

NIHSS: National Institutes of Health Stroke Scale Certification

- Certifying Body: National Institutes of Health (NIH)/ National Institute of Neurological Disorders and Stroke (NINDS)
- Valid through: 11/2027

FCCS: Fundamental Critical Care Support

- Certifying Body: Society of Critical Care Medicine
- Valid through: Historical Certification

ELNEC: End of Life Nursing Education Consortium – APRN

- Certifying Body: American Association of Colleges of Nursing
- Valid through: No Expiration

ENA: Trauma Nursing Core Course (TNCC)

- Certifying Body: Emergency Nurses Association (ENA)
- Valid through: Historical Certification

Regulatory:

- Corporate Compliance & Ethics Training
- Antitrust Comprehensive Training (15 U.S.C. § 1 et seq.)
- Foreign Corrupt Practices Act: Compliance, Due Diligence & Oversight
- HHS/CMS: Fraud, Waste & Abuse (42 CFR § 422.503(b)(4)(vi)(C) & § 423.504(b)(4)(vi)(C))
- DOL/OSHA: Occupational Safety & Health Administration Training (29 CFR Part 1910)
- Radiation Safety Training (10 CFR § 835.901)
- Bloodborne Pathogens & OPIM Standard Certification (29 CFR 1910.1030)
- Massachusetts Legal & Ethical Code of Conduct (105 CMR 970.000)
- Information Security & Privacy (45 CFR § 164.308(a)(5) & 164.530(b)(1))
- DOL/OSHA: Hazard Communications Standard Certification (29 CFR 1910.1200)
- Risk Management – Facility Safety & Hazards (29 U.S.C. § 654)
- Harassment Prevention for Managers (42 U.S.C. § 2000e-2)
- Sexual Harassment Prevention for Managers (42 U.S.C. § 2000e-2)
- Advanced Business Ethics - Ethical Leadership
- JCAHO: National Patient Safety Guidelines
- Active Shooter Awareness
- HIPAA for Healthcare Workers (45 CFR Part 160 & Part 164)
- Certifying Body: 360 Training/ OSHA Campus

CITI Program: The Collaborative Institutional Training Initiative

- Certifying Body: CITI Program
- Host Institution: *Case Western Reserve University (CWRU)*
- CWRU Human Research Protection Program (AAHRPP Accredited); Valid through: 02/5/2029
- Biomedical Responsible Conduct of Research; Valid through: 02/05/2029
- Health Information Privacy & Security (HIPS) for Clinical Investigators; Valid through: 02/05/2029
- Human Research; Group 1. Biomedical Research; Valid through: 02/05/2029
- GCP for Clinical Investigations of Drugs and Devices (FDA); Valid through: 02/05/2029
- Humanities Responsible Conduct of Research; Valid through: 02/05/2029
- An Overview of Clinical Trials Billing: Clinical Trial Billings; Valid through: 09/05/2028
- Advanced Topics in Informed Consent; Valid through: 09/05/2028
- Human Research: Social & Behavioral; Valid through: 09/05/2028

U.S. National Science Foundation (NSF): Research Security Training (RST)

Certifying Body: NSF; Valid through: 01/02/2027

DCSA: Cybersecurity Awareness Training

- Certifying Body: Defense Counterintelligence and Security Agency (DCSA) Center for Development of Security Excellence (CDSE)

EXPERIENCE

Melanie M. Stipp Anesthesia Services, PLLC, MA; OH, USA 01/2024 – Present
Certified Registered Nurse Anesthetist

The General Hospital Corporation, Boston; MA, USA 03/2018 – Present
Certified Registered Nurse Anesthetist

- Services: Cardiac, Thoracic, Vascular, Neuro, General Surgery, Endoscopy

Case Western Reserve University, Cleveland, OH, USA 08/2015 – 12/2017
Student Registered Nurse Anesthetist

- UH Case Medical Center, Cleveland, OH, USA
- UH Rainbow Babies & Children's Hospital, Cleveland, OH, USA
- UH Cleveland Medical Center, Cleveland, OH, USA
- The Crystal Clinic Orthopedic Center (CCOC), Akron, OH, USA
- Louis Stokes Cleveland VA Medical Center, Cleveland, OH, USA
- Akron Children's Hospital, Akron, OH, USA
- Cleveland Clinic Fairview, Cleveland, OH, USA
- UH Portage Medical Center, Ravenna, OH, USA
- Crystal Clinic Orthopaedic Center - West (Montrose), Fairlawn, OH, USA
- Robinson Memorial Hospital, Ravenna, OH, USA (Historical)
- The Findlay Surgery Center, Findlay, OH, USA
- NorthStar Anesthesia, HQ: Fort Worth, TX, USA

Cleveland Clinic Main Campus, Cleveland, OH, USA 10/2015 – 03/2018
Critical Care RN

- CCSR Staff, J3-1 Coronary ICU, J3-2 Heart Failure ICU, G52/G53/G54 Surgical ICU, G20/H22 Neurological ICU, Satellite ICUs

University Hospitals Cleveland Medical Center, Cleveland, OH, USA 07/2013 – 08/2015
Critical Care RN, Enterprise Staffing Services

- Surgical, Cardiac, Medical & Neurological Intensive Care Units
- Predominantly worked in the Cardiothoracic/ Surgical ICU

Cleveland Clinic Main Campus, Cleveland, OH, USA 03/2012 – 09/2015
Critical Care RN, Neurological Intensive Care Unit

- 24 bed Neurosurgical/Neurology specialized ICU
- Represented the Neurological Institute (with Edward Manno, M.D.) during the Joint Commission review for the comprehensive stroke center status

Cleveland Clinic Main Campus, Cleveland, OH, USA 03/2011 – 03/2012
RN, Neurological ICU Concentrated Care Unit

- Management of Neurosurgical Concentrated Care patients

Case Western Reserve University, Cleveland, OH, USA
Instructor (SI) & Research (Clinical & Basic Science)

08/2005 – 03/2011

Cleveland Clinic & University Hospitals, Cleveland, OH, USA

08/2004 – 12/2008

- >1600 training hours with subspecialty practicum in critical care at the Cleveland Clinic

CLINICAL & LEADERSHIP ROLES

2026-Present: The Anesthesia Institute (TAI), LLC, Founder, Director

2026: Melanie M. Stipp Anesthesia Services, PLLC, Multi-Nexus MGO

2025-Present: Melanie M. Stipp Anesthesia Services, PLLC, Incorporated/MGO/CEO

2025-2026: AACM, Fellow of the American Academy of Cosmetic Medicine

2024-Present: Melanie M. Stipp Anesthesia Services, PLLC, Founder

2019-2023: Massachusetts General Hospital, Quality & Safety Committee

2021-2022: Case Western Reserve University, Doctoral Candidate Mentor

2020: Massachusetts General Hospital, COVID Anesthesia Team (CAT)

2020: Partners HealthCare, COVID-19 PPE Task Force

2020: Massachusetts General Hospital, COVID-19 High Acuity Ward

2020: Partners HealthCare, COVID-19 Innovations Group

2020: Massachusetts General Hospital, COVID-19 Innovations Group

2019: American Association of Anesthesiologists, ANESTHESIOLOGY® 2019

2019: American Society of Anesthesiologists Annual Meeting Presenter

2019: Massachusetts General Hospital, MGH Pharmacology Update XVI: Presenter

2018-2022: Massachusetts General Hospital, Student Preceptor

2018-2024: CWRU/ HMS/ MGH, Grant Funded Research

2018-2020: The General Hospital Corporation, Prospective Staff Interviews

2018-2020: Partners HealthCare Perioperative Observership Host & Mentor

2018-2019: The General Hospital Corporation, Prospective Staff Recruitment

2018-2024: The General Hospital Corporation, Grant Funded Research

2018-Present: Case Western Reserve University, Affiliated Independent Researcher

2018-Present: The General Hospital Corporation, Staff Anesthetist, Boston, MA, USA

2018-Present: Commonwealth of Massachusetts, CRNA

2018-Present: State of Ohio, Certified Registered Nurse Anesthetist (CRNA)

2015-Present: The Anesthesia Institute (TAI), SaaS/ Software Co., Founder

2015-2018: Cleveland Clinic Foundation, CCSR Staff, J3-1 Coronary ICU, J3-2 Heart Failure ICU, G52/G53/G54 Surgical ICU, G20/H22 Neurological ICU, Satellite ICUs

2015-2017: Case Western Reserve University, Anesthesia – Clinical & Didactic

2014-2015: American Red Cross, Disaster Action Team (DAT), Cleveland, OH, USA

2014: Cleveland Clinic Foundation, Neurological Institute Joint Representative, The Joint Commission (TJC) Comprehensive Stroke Center Designation

2013-2015: Cleveland Clinic Foundation, EPIC® Hyperspace® Super User

2013-2015: Cleveland Clinic Foundation, ICU Validation Team

2013-2015: Cleveland Clinic Foundation, EPIC® User Interface Dev./ Optimization
2013-2015: Cleveland Clinic Foundation, Central Line Compliance Team
2013-2015: Cleveland Clinic Foundation, Clinical RN Preceptor
2013-2015: Cleveland Clinic Foundation, Neurological ICU OSHA Trainer
2013-2015: University Hospitals Case Medical Center, ESS Staff, CT & SICU, CCU
2013-2018: Cleveland Clinic Foundation, Vascular Access Resource Nurse (VARN)
2013: Cleveland Clinic Foundation, Staff Participant, ANCC Magnet Designation
2012-2015: Cleveland Clinic Foundation, Neurological ICU Staff
2011-2015: Cleveland Clinic Foundation, Charge Nurse
2011-2012: Cleveland Clinic Foundation, Neuro Concentrated Care Unit Staff
2009-2011: Case Western Reserve University School of Medicine/ University Hospitals Case Medical Center, University Hospitals (UH) Harrington Heart & Vascular Institute, Research: Division of Cardiothoracic (CT) Surgery
2009-2011: Case Western Reserve University School of Medicine, University Hospitals Case Medical Center, Research: Division of Hematology & Oncology
2008: Cleveland Clinic: Preceptorship in Critical Care (336 hours)
2008: University Hospital: PICU, NICU, OR, Resuscitation, CBE class (1 day each)
2008: Cleveland Clinic: Fairview, Operating Room (2 days)
2008: University Hospital/ Case Medical Center: L&D/Post-Partum (15-week rotation)
2008: University Hospital/ Case Medical Center: Pediatrics RBC 5 (15-week rotation)
2007-2008: American Lung Association, Asthma Program – Pediatrics
2007-2008: UH Rainbow Babies & Children's Hospital/ Case Western Reserve University, Translational Research, Pediatric Pulmonology & Presenter
2007: Cleveland Clinic: Fairview Pediatric, Adult & Intermediate ER (2 days)
2007: Cleveland Clinic: Fairview, PK3 (15-week rotation)
2007: Cleveland Clinic: Fairview, Kemper Cardiac & Surgical ICUs (15-week rotation)
2006: Cleveland Clinic: Cardiac Non-Intensive Care Unit: G90 (15-week rotation)
2006: Cleveland Clinic: Lutheran Hospital (15-week rotation)
2005: University Hospitals Case Medical Center, Medical Surgical Step-Down Unit: Lerner Tower 8 (15-week rotation)
2005: Cleveland Clinic: Medical Surgical Non-ICU: H60 (15-week rotation)
2005, 2008: University Hospitals Case Medical Center, Trainee
2004-05: Cleveland Clinic: Radiology Dept./ Vascular & Cardiac Cath Lab (4 days)
2004: Cleveland Clinic: Main Branch Operating Room (1 day)
2004: Cleveland Clinic: Neurology ICU: H61 (1 day)
2004: Cleveland Clinic: Neurology Step-Down Unit: H61 (15-week rotation)
2004-2008: Cleveland Clinic Foundation, Trainee, Critical Care Subspecialty

SUPPLEMENTARY (CLINICAL)

- The Cleveland Clinic Foundation, Cleveland, OH, USA
- The General Hospital Corporation, Boston, MA, USA
- Karolinska Universitetssjukhuset, Stockholm, SE*
- Massachusetts General Hospital, Boston, MA, USA
- UH Case Medical Center, Cleveland, OH, USA (Historical)
- Rigshospitalet, Blegdamsvej 9, 2100 København Ø, DK*
- UH Rainbow Babies & Children's Hospital, Cleveland, OH, USA
- UH Cleveland Medical Center, Cleveland, OH, USA
- Bispebjerg Hospital, Bispebjerg Bakke 23, 2400 København NV, DK*
- The Crystal Clinic Orthopaedic Center (CCOC), Akron, OH, USA
- UH MacDonald Women's Hospital, Cleveland, OH, USA
- Louis Stokes Cleveland Department of VA Medical Center, Cleveland, OH, USA
- St. Thomas' Hospital, Westminster Bridge Road, London, SE1 7EH, UK*
- Guy's Hospital, Great Maze Pond, London, SE1 9RT, UK*
- Akron Children's Hospital, Akron, OH, USA
- Cleveland Clinic Fairview, Cleveland, OH, USA
- Cleveland Clinic Hillcrest, Mayfield Heights, OH, USA
- Cleveland Clinic, Lutheran Hospital, Cleveland, OH, USA
- UH Portage Medical Center, Ravenna, OH, USA
- Cleveland Clinic Marymount, Garfield Heights, OH, USA
- Cleveland Clinic South Pointe Hospital, Warrensville Heights, OH, USA
- Crystal Clinic Orthopaedic Center - West (Montrose), Fairlawn, OH, USA
- Robinson Memorial Hospital, Ravenna, OH, USA (Historical)
- The Findlay Surgery Center, Findlay, OH, USA
- NorthStar Anesthesia, HQ: Fort Worth, TX, USA
- Thong Nhat Hospital, Tan Binh District, Ho Chi Minh City, VN*
- Benh Vien Tu Du, Pham Ngu Lao Ward, District 1, Ho Chi Minh City, VN*

*Supplementary (Visiting Clinician) - International Host

TEACHING EXPERIENCE

Case Western Reserve University, Cleveland, OH, USA

08/2005 – 01/2009

Supplementary Instructor – Anatomy & Physiology

Led bi-weekly Supplementary Instructor sessions, exam review sessions, training modules for new instructors, summer parent orientation sessions & new student orientation panels

Case Western Reserve University, Cleveland, OH, USA

01/2006 – 12/2008

Supplementary Instructor – Anatomy & Physiology Virtual Dissection Lab

Facilitated the implementation of the institution's first Anatomy & Physiology virtual dissection lab

Case Western Reserve University, Cleveland, OH, USA 08/2005 – 12/2008

Supplementary Instructor – Anatomy & Physiology Cadaver Lab

Co-led the neurobiology cadaver lab, assisting faculty Martin Rosenberg, Ph.D.

American Lung Association, Cleveland, OH

01/2007 – 12/2008

Instructor – Open Airways for Schools Asthma Management Program

RESEARCH EXPERIENCE

Melanie M. Stipp, LLC, Boston, MA, USA

2020 – 2025

Specialized Technical Record: Glacier Visual Baseline

- **Title:** Visual baseline of Furtwängler Glacier and Northern Ice Field: A specialized technical record.
- **Author:** Stipp, M. M.
- **Publisher:** Melanie M. Stipp, LLC
- **Summary:** A specialized technical document providing a visual baseline and record of the Furtwängler Glacier and Northern Ice Field.
- **Certification:** TANAPA Commissioner/UNESCO Certified #456193.
- **Stipp, M. M. (2020/2025).** *Visual Baseline of Furtwängler Glacier and Northern Ice Field: A Specialized Technical Record.* Tanzanian National Parks (TANAPA) Commissioner/ UNESCO Certified #456193. Released in conjunction with the UN International Year of Glacier Preservation, 2025.
- **Technical support:** Veda Matho
- **Identifiers:**
 - Website: melaniestipp.com
 - ISBN: 979-8-9940257-3-4

Case Western Reserve University, Cleveland, OH, USA

2020 – 2024

Case Western Reserve University, Cleveland, OH, USA

Harvard Medical School, Boston, MA, USA

The General Hospital Corporation, Boston, MA, USA

Perioperative Medication Safety

- **Title:** Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events.
- **Authors:** Stipp, M. M., Deng, H., Kong, K., Moore, S., Hickman, R. L., & Nanji, K. C.
- **Advisor:** Ronald L. Hickman, Jr., PhD, RN, ACNP-BC, FAAN, FADLN, FNAP, Dean and Ruth M. Anderson Endowed Professor, Case Western Reserve University, Cleveland, OH, USA

- **Co-advisor:** Karen C. Nanji, MD, MPH, Associate Professor at Harvard Medical School, Boston, MA, USA
- **Doctoral Dissertation:** [Frances Payne Bolton School of Nursing, Case Western Reserve University] (2020).
- **Journal Publication:** *Medicine*, 101(44), e31432 (2022).
- **Abstract Presentation:** MGH DACCPM Clinical Research Brochure (2019–2020)
- **Stipp, M. M.,** Deng, H., Kong, K., Moore, S., Hickman, R. L., Jr, & Nanji, K. C. (2022). Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events. *Medicine*, 101(44), Article e31432. <https://doi.org/10.1097/MD.00000000000031432> PMID: 36343025; PMCID: PMC9646678.
- **Grant:** The General Hospital Corporation, Boston, MA, USA
- **Identifiers:**
 - DOI: 10.1097/MD.00000000000031432
 - PMID: 36343025
 - PMCID: PMC964667

The General Hospital Corporation, Boston, MA, USA

2020 – 2021

Harvard Medical School, Boston, MA, USA

- **Title:** Direct visualization of the dural puncture site during lumbar spine surgery performed under spinal anesthesia: A case report.
- **Authors:** Stipp, M. M., Nanda, P., Coumans, J. V., & Peterfreund, R. A.
- **Journal:** *Anesthesia & Analgesia Practice*, 15(2), Article e01397.
- **Summary:** A unique clinical case report documenting the direct visualization of the dural puncture site during lumbar spine surgery performed under spinal anesthesia.
- **Contribution:** Pro Bono
- **Identifiers:**
 - DOI: 10.1213/XAA.0000000000001397
 - PMID: 33577173

Harvard Medical School, Boston, MA, USA

2020

The General Hospital Corporation, Boston, MA, USA

Acknowledgements:

- **Vascular and Endovascular Surgery**
- Lu, S. Y., LaMuraglia, G. M., Burki, F. P., See, R. B., & Peterfreund, R. A. (2020). Ipsilateral Vocal Cord Monitoring for Carotid Endarterectomy and Concurrent Contralateral Vocal Cord Paralysis: A Case Report. *Anesthesia & Analgesia Practice*. 14(12), e01331. DOI 10.1213/XAA.0000000000001331. PMID: 33094950
- **PI:** Robert Peterfreund, MD, PhD
- **Context:** Requested to revise manuscript iterations, subsequently was accepted for publication; *Review & Editing*.
- **Contribution:** Pro Bono

- **Identifiers:**
 - DOI: 10.1213/XAA.0000000000001331
 - PMID: 33094950

The General Hospital Corporation, Boston, MA, USA

2018 – 2019

Harvard Medical School, Boston, MA, USA

- **Focus:** A case of systemic central nervous system (CNS) toxicity resulting from the administration of an intravenous bolus of lidocaine during the induction of general anesthesia.
- **Authors:** Stipp, M. M., & Wang, J. P.
- **Published Work:** "Central nervous system toxicity during the induction of general anesthesia after intravenous bolus of lidocaine," *Journal of Clinical Research and Anesthesia*, 2(1), Article 024.
- **Poster Presentation:** ANESTHESIOLOGY® 2019, "A case of CNS toxicity during the induction of general anesthesia after 2 mg/kg intravenous bolus of lidocaine."
- **Key Findings:** Case report of a rare but clinically notable presentation of CNS toxicity in response to weight-based lidocaine dosing.
- **Grant:** The General Hospital Corporation, Boston, MA, USA
- **Identifiers:**
 - Journal DOI: 10.31579/JCRA/10004
 - Poster DOI: 10.13140/RG.2.2.27616.10247

Case Western Reserve University, Cleveland, OH, USA

2017 – 2018

- **Chapter Author:** Stipp, M. M.
- **Book Title:** *A Guide to Mastery in Clinical Nursing: The Comprehensive Reference*
- **Editors:** J. J. Fitzpatrick, C. M. Alfes, & R. Hickman
- **Chapter Title:** "Evoked Potentials" (pp. 498–501)
- **Publisher:** Springer Publishing Company
- **Note:** Named a 2018 *AJN Book of the Year*
- **Identifiers:**
 - DOI: 10.1891/9780826150325.0200

Cleveland Clinic Foundation, Cleveland, OH, USA

2012 – 2014

- **Mobility Study**, as seen on NPR, 2015
- **Focus:** Investigated the clinical impact of early and frequent ambulation
- **Host:** Cleveland Clinic Nursing Research and Innovation, Cleveland, OH, USA
- **PI:** Nancy Albert, PhD, CCNS, CCRN, NE-BC
- **Context:** Patient support, data collection
- **Contribution:** Pro Bono

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

Case Western Reserve University, Cleveland, OH, USA

University Hospitals Case Medical Center, Cleveland, OH, USA

- **Mechanical Circulatory Support Trials**
- **Focus:** Facilitated the execution of off-label pre-clinical trials for the Impella 5.0 Catheter utilizing live bovine models to evaluate its off-label application as a (RVAD).
- **Mentor/ PI:** Arie Blitz, MD
- **Context:** Managed intra-operative hemodynamic response during open-heart procedures via live bovine models. Evaluated bovine hemodynamic response, device safety, micro-axial flow dynamics and the effectiveness of right ventricular unloading prior to broader clinical translation for right-sided heart failure.
- **Industry Manufacturer:** Abiomed, Inc.
- **Contribution:** Pro Bono

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

University Hospitals Case Medical Center, Cleveland, OH, USA

- **Focus:** Studied the utilization of Near-Infrared Spectroscopy (NIRS) to monitor cerebral oxygenation during high-risk cardiothoracic procedures.
- Managed intra-operative hemodynamic response in the surgical suite via live bovine models, tracking regional cerebral oxygen saturation and hemodynamic response to identify sentinel indicators of cerebral desaturation.
- **Mentor/ PI:** Arie Blitz, MD
- **Context:** Tracked regional cerebral oxygen saturation and hemodynamic response to identify sentinel indicators of cerebral desaturation during off-label Right Ventricular Assist Device (RVAD) trials. Investigated the technology's role in mitigating postoperative cognitive dysfunction and stroke risk by optimizing cerebral perfusion during complex maneuvers, including mechanical circulatory support (MCS).
- **Contribution:** Pro Bono

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

University Hospitals Case Medical Center, Cleveland, OH, USA

- **Focus:** Post-Cardiac Arrest Therapeutic Hypothermia
- **Mentor/ PI:** Arie Blitz, MD
- Studied the utilization of therapeutic hypothermia in post-cardiac arrest patients.
- Retrospective data analysis
- **Contribution:** Pro Bono

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

Case Western Reserve University, Cleveland, OH, USA

Duke University, Durham, NC, USA (HQ)
Stanford University, Stanford, CA, USA
Johns Hopkins University, Baltimore, MD, USA
University of Chicago, Chicago, IL, USA
University of California, Los Angeles, CA, USA
University of Utah, Salt Lake City, UT, USA
Howard University, Washington, DC, USA

- **Federal Multicenter Consortium:** PACTTE Anemia Trials
- **Focus:** Coordination of preliminary trial preparations for the Partnership for Anemia: Clinical and Translational Trials in the Elderly (PACTTE), a series of Phase II trials.
- **Sub-Focus:** Intravenous iron in the treatment of anemia in the elderly.
- **Mentor/ PI:** Nathan Berger, MD, PhD and Alvin Schmaier, MD
- **Sponsor:** National Institute on Aging (NIA)
- **Context:** This project was part of a multi-site \$16 million NIH-funded consortium focused on unexplained anemia in the elderly.
- **Grant:** Consortium for Clinical Trials on Anemia in Older Persons (U01) (RFA-AG-09-003), National Institute on Aging (NIA)

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

Case Western Reserve University, Cleveland, OH, USA
University Hospitals Case Medical Center, Cleveland, OH, USA

- **Translational Development:** Novel Thrombosis Assay
- **Focus:** Development of a novel diagnostic assay to detect deep vein thrombosis (DVT).
- **Mentor/ PI:** Alvin Schmaier, MD & Nathan Berger, MD (Collaborator for cancer-associated thrombosis)
- **Sponsors:** The Harrington-McLaughlin Family Foundation (Harrington-McLaughlin Discovery Award) and NIH Grant HL070766 (Full number: 5R01HL070766), "*In Vivo Mechanisms of Platelet and Coagulation Activation*"
- **Context:** This was a "bench-to-bedside" project aimed at creating a rapid clinical test to detect deep vein thrombosis (DVT).

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

Case Western Reserve University, Cleveland, OH, USA
University Hospitals Case Medical Center, Cleveland, OH, USA

- **Industry-Sponsored Clinical Trial**
- **Focus:** Platelet Shelf Life
- **Focus:** Coordination of a Phase I clinical trial investigating a biochemical mechanism to extend the shelf life and viability of stored platelets for transfusion.
- **Mentor/ PI:** Alvin Schmaier, MD
- **Sponsor:** CSL Behring
- **Context:** This work aimed to address the clinical shortage of platelets.

Case Western Reserve University School of Medicine, Cleveland, OH, USA

2009 – 2011

Case Western Reserve University, Cleveland, OH, USA

University Hospitals Case Medical Center, Cleveland, OH, USA

- **Cardiovascular Research:** Platelet Aggregation in Coronary Artery Disease (CAD)
- **Focus:** Laboratory investigation into the "primed" or hyper-reactive state of platelets in patients with CAD.
- **Context:** This project utilized patient cohorts from University Hospitals Case Medical Center to study how platelet aggregates correlate with the severity of coronary blockages. Executed study-specific recruitment, venipuncture and analysis for the control cohort.
- **Mentor(s)/ PI:** Alvin Schmaier, MD (Lead), Carl Orringer, MD (Preventive Cardiology), and Marco Costa, MD (Interventional Cardiology)
- **Sponsors:** National Institutes of Health (NIH) Grant HL070766 (Full number: 5R01HL070766), *"In Vivo Mechanisms of Platelet and Coagulation Activation"*

Case Western Reserve University, Cleveland, OH, USA

2008 – 2009

Case Western Reserve University, College of Arts & Sciences, Cleveland, OH, USA

- **Health Policy & Sociopolitical Analysis**
- **Publication:** Sociopolitical barriers in implementing a U.S. universal health care system
- **Mentor/ Advisor:** Brian Gran, JD, PhD, Professor of Sociology and Law
- **Recognition:** Recipient of the Stella Berkeley Friedman Award; awarded for the highest academic merit in the graduating sociology cohort
- **Focus:** An analysis of the sociopolitical impediments to a universal healthcare system in the United States, completed as a Baccalaureate Honors Thesis at Case Western Reserve University, Cleveland, OH, USA.
- **Identifiers:**
 - DOI: 10.13140/RG.2.2.11782.60489/1

University Hospitals Rainbow Babies & Children's Hospital, Cleveland, OH, USA

2007 – 2008

Case Western Reserve University, Cleveland, OH, USA

University Hospitals Case Medical Center, Cleveland, OH, USA

- **Pediatric Immunology**
- **Focus:** Studied the inflammatory and immune response to pneumonia, specifically, the expression of ICAM-1 and IFN- γ in pneumonia induced by *E. coli* and *S. pneumoniae*.
- **Mentor/ PI:** Claire Doerschuk, MD
- **Abstract:** Expression of ICAM-1 and IFN- γ in Pneumonia Induced by *E. coli* and *S. pneumoniae*
- **Presentation:** Rainbow Babies and Children's Hospital Research Symposium (consistent with the Summer Undergraduate Research Program in Pediatrics).

- **Sponsors:** Rainbow Babies and Children's Hospital Summer Undergraduate Research Program in Pediatrics, National Institutes of Health (NIH) Grant HL052466, *"Mechanisms of Leukocyte Emigration in the Lungs"*

University of Cincinnati, Cincinnati, OH, USA

University of Cincinnati, College of Engineering and Applied Science (CEAS)

- **Women in Engineering Summer Program**
- **Recognition:** Selected as a college preparatory scholarship recipient; merit-based immersive program for high-achieving students in STEM
- **Core Focus:** Intensive introduction to engineering fundamentals, including biomedical, chemical, and mechanical engineering principles.
- **Key Activities:** Participated in hands-on design, explored engineering facilities and networked with industry professionals.

PUBLICATIONS

- Stipp, M. M., Deng, H., Kong, K., Moore, S., Hickman, R. L., Jr., & Nanji, K. C. (2024).** Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events: Erratum. *Medicine*, 103(17), Article e37698. <https://doi.org/10.1097/MD.00000000000037698> PMID: 38669438; PMCID: PMC11049717.
- Stipp, M. M., Deng, H., Kong, K., Moore, S., Hickman, R. L., Jr., & Nanji, K. C. (2022).** Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events. *Medicine*, 101(44), Article e31432. <https://doi.org/10.1097/MD.00000000000031432> PMID: 36343025; PMCID: PMC9646678.
- Stipp, M. M., Nanda, P., Coumans, J. V., & Peterfreund, R. A. (2021).** Direct visualization of the dural puncture site during lumbar spine surgery performed under spinal anesthesia: A case report. *Anesthesia & Analgesia Practice*. 15(2), Article e01397. <https://doi.org/10.1213/XAA.0000000000001397> PMID: 33577173.
- Stipp, M. M., Deng, H., Kong, K., Moore, S., Hickman, R. L., & Nanji, K. C. (2020).** Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events in the operating room. [Doctoral dissertation, Frances Payne Bolton School of Nursing, Case Western Reserve University].
- Stipp, M. M., Deng, H., Kong, K., Moore, S., Hickman, R. L., Jr., & Nanji, K. C. (2020).** Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events in the operating room [Abstract]. In MGH DACCPM clinical research brochure 2019–2020 (pp. 5). Massachusetts General Hospital, Department of Anesthesia, Critical Care and Pain Medicine.

- Stipp, M. M.** (2020). SARS-CoV-2: Micronutrient optimization in supporting host immunocompetence. *International Journal of Clinical Case Reports and Reviews*. 2(2), Article 024; <https://doi.org/10.31579/2690-4861/024>
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- Stipp, M. M., & Wang, J. P.** (2019). A case of CNS toxicity during the induction of general anesthesia after 2 mg/kg intravenous bolus of lidocaine [Poster]. <https://doi.org/10.13140/RG.2.2.27616.10247>
- Stipp, M. M.** (2018). Evoked potentials. In J. J. Fitzpatrick, C. M. Alfes, & R. Hickman (Eds.), *A guide to mastery in clinical nursing: The comprehensive reference* (pp. 498–501). Springer Publishing Company. <https://doi.org/10.1891/9780826150325.0200>
- Stipp, M. M.** (2009). Sociopolitical barriers in implementing a U.S. universal health care system [Baccalaureate Honors Thesis, College of Arts & Sciences, Case Western Reserve University]. <https://doi.org/10.13140/RG.2.2.11782.60489/1>
- Stipp, M. M., Rebert, N. A., & Doerschuk, C. M.** (2008). ICAM-1 and IFN- γ expression in pneumonia induced by E. coli and S. pneumoniae. *Intersections: 4th Annual Symposium & Poster Session*, 4(1), 111. <https://doi.org/10.13140/RG.2.2.34746.41926>
- Stipp, M. M.** (2008). Tips coming from experience. *Just In Case: Study Tips for Case Students by Case Students*, 1(1), 33.

ACKNOWLEDGEMENTS

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INNOVATIONS

- Stipp, M. M.** (2026). AnesRobot™: A closed-loop anesthesia delivery system (CLADS) dynamic simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesDream™: [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). SleepPulse™: A proprietary system for identifying the onset of cumulative sleep deprivation, for clinicians and patients [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>

- Stipp, M. M.** (2026). AnesSecure™: A centralized enterprise security system - Internal Use Only. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp M. M.** (2026). VO2Max™: VO₂ Max calculation & analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp M. M.** (2026). SaaSOp™: Software as a service (SaaS) Licensing Management System, NDAs - Internal Use Only. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp M. M.** (2026). ShiftSync™: An enterprise workforce scheduling platform. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp M. M.** (2026). AnesOps™: Operations management suite. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp M. M.** (2026). VelocityOS™: An enterprise diagnostics platform. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp M. M.** (2026). AnesFinance™: A group practice financial management system. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesEcoVision™: An alliance for sustainable anesthesia initiatives. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesPPG™: A novel photoplethysmography (PPG) same-day cancellation prediction metrics system. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesECMO™: A closed-loop dynamic simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesFOI™: Fiberoptic intubation (FOI) simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>

- Stipp, M. M. (2026).** AnesGaurd™: A novel postoperative ICU risk prediction metrics system. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** PeakTaper™: A precision-focused training management tool for endurance athletes. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** AnesEfficiency™: OR efficiency - transition metrics & analysis. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** CareRatio™: The aggregate cost of systemic administrative errors, inefficiency, waste & the knowledge gap. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** BaroSim™: An extreme altitude/ hypobaric physiologic response simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** PEMFTrack™: Log repository & descriptive analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** AnesTransport™: A closed-loop anesthesia delivery system (CLADS) dynamic simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** AnesBalance™: A group practice financial & inventory management - Internal Use Only. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** AnesEpidural™: Epidural Anesthesia simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** AnesSpinal™: Spinal Anesthesia simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** BaroPro™: Hyperbaric medicine analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M. (2026).** AnesPAC™: Pulmonary artery catheter insertion simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>

- Stipp, M. M.** (2026). AnesArt™: Arterial line insertion simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesPeriph™: Ultrasound-guided peripheral intravenous catheter insertion simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). NormoTrack™: A closed-loop perioperative normothermia delivery system (CLADS) dynamic predictive simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesHypothermia™: A closed-loop therapeutic hypothermia delivery system (CLADS) dynamic predictive simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesSafe™: A real-time method of detecting, classifying and analyzing perioperative medication errors and adverse medication events. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesCard™: Clinical Decision Support (CDS). [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). HyperBaroSim™: A hyperbaric physiologic response simulator. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesTrack™: Log repository & descriptive analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesRapid™: Log repository & descriptive analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesPrime™: Continuing education database. [Unpublished database]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesResource™: Break log repository & resource staff task manager. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>

- Stipp, M. M.** (2026). AnesSTAT™: Anesthesia STAT Out-of-OR (OOR) Clinical decision support (CDS). [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesMH™: Malignant Hyperthermia clinical decision support (CDS). [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesCE™: Continuing education repository & descriptive analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesBlock™: Log repository & descriptive analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesPlan™: Preoperative safety clinical decision support (CDS). [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesLog™: Case log repository & descriptive analytics. [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). AnesPro™: Perioperative safety clinical decision support (CDS). [Proprietary Software System]. The Anesthesia Institute, The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). The Anesthesia Institute. The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>
- Stipp, M. M.** (2026). Melanie M. Stipp Anesthesia Services, PLLC. <https://StippAnesthesia.org>
- Stipp, M. M.** (2025). Visual baseline of Furtwängler Glacier and Northern Ice Field: A specialized technical record (TANAPA Commissioner/UNESCO Certified #456193). Melanie M. Stipp, LLC. <https://melaniestipp.com/kilimanjaro> ISBN: 979-8-9940257-3-4
- Stipp, M. M.** (2024). CertTracker™ [Proprietary Software System]. The Anesthesia Institute, LLC. <https://AnesthesiaInstitute.org>

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POSTER PRESENTATIONS

- Stipp, M. M.,** Deng, H., Kong, K., Moore, S., Hickman, R. L., & Nanji, K. C. (2020). Medication Safety in the Perioperative Setting: A Comparison of Methods for Detecting Medication Errors and Adverse Medication Events in the Operating Room. *MGH DACCPM Clinical Research Brochure 2019-2020* (pp. 5). Location: *MGH DACCPM Clinical Research Night* in Boston, MA, United States (Virtual); October 21, 2020.
- Stipp, M. M.,** & Wang, J. P. (2019). *A case of CNS toxicity during the induction of general anesthesia after 2 mg/kg intravenous bolus of lidocaine* [Poster presentation/ Conference session]. ANESTHESIOLOGY® 2019, the American Society of Anesthesiologists Annual Meeting, Orlando, FL, United States; October 19-23, 2019.
- Stipp, M. M.,** Rebert, N. A., & Doerschuk, C. M. (2008). ICAM-1 and IFN- [γ] expression in pneumonia induced by *E. coli* and *S. pneumoniae*. Location: *Intersections: 4th Annual Symposium & Poster Session* at Case Western Reserve University, Cleveland, OH, United States; April 18, 2008.
- Stipp, M. M.,** Rebert, N. A., & Doerschuk, C. M. (2008). ICAM-1 and IFN- [γ] expression in pneumonia induced by *E. coli* and *S. pneumoniae*. Location: *Research ShowCase Symposium* at Case Western Reserve University in Cleveland, Ohio, United States; April 17, 2008.

PODIUM PRESENTATIONS

- Stipp, M. M.,** Deng, H., Kong, K., Moore, S., Hickman, R. L., & Nanji, K. C. (2020, October). Medication safety in the perioperative setting: A comparison of methods for detecting medication errors and adverse medication events in the operating room [Doctoral defense]. Frances Payne Bolton School of Nursing, Case Western Reserve University, Cleveland, OH, United States; October 7, 2020.
- Stipp, M. M.** (2019, October). Pharmacology & implications of anesthetic agents [Conference session]. Pharmacology Update XVI: Innovation and Evidence Conference, Massachusetts General Hospital, Boston, MA, United States.
- Stipp, M. M.** (2007, August). ICAM-1 and IFN-γ expression in pneumonia induced by *E. coli* and *S. pneumoniae* [Presentation]. Summer Undergraduate Research Program, Rainbow Babies & Children's Hospital, Cleveland, OH, United States.

INTERNATIONAL EXPERIENCES

- | | |
|--|-------------|
| Vietnam National University (VNU), Ho Chi Minh City, VN | 2016 – 2017 |
| • Anesthesia observerships via the Director of International Relations, Dr. Nguyen | |
| Danish Institute for Study Abroad, Copenhagen, DK | 2008 |

SUPPLEMENTARY (INTERNATIONAL)

2018: St. Thomas' Hospital, Westminster Bridge Road, London, SE1 7EH, UK*
2018: Guy's Hospital, Great Maze Pond, London, SE1 9RT, UK*
2017: Vietnam National University, Ho Chi Minh City, VN*
2017: Benh Vien Tu Du, Pham Ngu Lao Ward, District 1, Ho Chi Minh City, VN*
2016: Thong Nhat Hospital, Tan Binh District, Ho Chi Minh City, VN*
2008: Karolinska Universitetssjukhuset, Stockholm, SE*
2008: Rigshospitalet, Blegdamsvej 9, 2100 København Ø, DK*
2008: Bispebjerg Hospital, Bispebjerg Bakke 23, 2400 København NV, DK*

**Supplementary (Visiting Clinician) – International Host*

ADDITIONAL EXPERIENCES

Havas Worldwide (Euro RSCG), Cleveland/Akron/Canton, OH, USA 2009 – 2010
Mortar Board National Honors Society Committee Chair 2007 – 2008
• Committee Chair for the 2008 First Book Foundation Benefit
Daniel Hale Williams Society Vice-President 2006 – 2008
• Co-hosted the 2008 CWRU Martin Luther King Health Care Disparities Forum
Alpha Phi Fraternity, Scholarship Chair 2006 – 2007
Case Western Reserve University Tennis Team, Cleveland, OH, USA 2004 – 2005

SUPPLEMENTARY (EDUCATION & ENRICHMENT)

2025-2026: Fellow of the American Academy of Cosmetic Medicine (FAACM®)
2023-2024: Harvard University: edX, Public Policy, Contract Law, Meteorology, et al.
2019: UMass Boston, Boston, MA, USA, Health Policy, Finance & Ethics*
2018: UMass Boston, Boston, MA, USA, Health Systems Leadership*
2018-2020: Case Western Reserve University, Cleveland, OH, USA- DNP
2016, 2017: Viet Nam National, Ho Chi Minh City, VN: Anesthesia Observership
2015-2017: Case Western Reserve University, Anesthesia – Clinical & Didactic, MSN
2013-2014: Case Western Reserve University, Graduate Courses**
2009-2010: Havas Worldwide (Euro RSCG), Cleveland/Akron/Canton, OH, USA
2008: Danish Institute for Study Abroad (DIS): Public Health, København, DK
2008: Danish Institute for Study Abroad: Uppsala University, SE
2008: Danish Institute for Study Abroad: University of Copenhagen, København, DK
2008: Danish Institute for Study Abroad: Vejle fjord Sanatorium, DK, Public Health
2007-2008: Case Western Reserve University: Mortar Board, Committee Chair
2006-2008: Case Western Reserve University: Daniel Hale Williams Society, Vice-President
2005: Miami University, Oxford, OH, USA – Chemistry
2004-2009: Case Western Reserve University, Cleveland, OH, USA – BS, BA, Minor

2000-2004: Mt. Notre Dame Academy, Cincinnati, OH, USA – Parochial high school
affiliated with the Archdiocese of Cincinnati & the Sisters of Notre Dame de
Namur

**Funded by, The General Hospital Corporation*

***Funded by, Cleveland Clinic Foundation*

PROFESSIONAL ORGANIZATIONS

Member of the American Association of Nurse Anesthetists	2015 – 2026
Member of the American Association of Neuroscience Nurses	2014 – 2015
Member of the American Association for Critical-Care Nurses	2012 – 2019

HONORS AND AWARDS

Pi Lambda Theta (PLT) International Honor Society	2026
Kappa Delta Pi (KDP) International Honor Society	2026
Massachusetts General Hospital CRNA Professional Development Grant	2021 – 2022
Massachusetts General Hospital CRNA Professional Development Grant	2018 – 2019
Authored in <i>A Guide to Mastery of Clinical Nursing</i> , text receives AJN award	2018
Rothstein Scholarship	2015 – 2018
Anesthesia Training Grant	2015 – 2018
Sigma Theta Tau International Honors Society	2017
Cleveland Clinic Caregiver Appreciation & Honors Awards (24x)	2011 – 2018
Cleveland Clinic Neurological ICU Star of the Month (2x)	2013 – 2014
<i>Summa cum laude</i>	2009
Bolton Scholar Award for Academic Excellence	2009
The Phi Beta Kappa Society	2009
Frances Payne Bolton Scholarship	2004 – 2009
Dean's High Honors List	2004 – 2009
Ball Scholarship	2008
Case Western Reserve University Convocation Procession Flag Bearer	2008
Stella Berkeley-Friedman Award	2008
CWRU Students Who Make a Difference	2008
Who's Who Among American Universities & Colleges Nominee	2008
Mortar Board National Honors Society	2007
Gamma Sigma Alpha Honors Society	2007
Alpha Kappa Delta Honors Society	2007
Golden Key National Honors Society	2007
Iota Sigma Pi National Honors Society	2007
National Dean's List	2004

