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Assistant Professor, Clinical Track  
Nell Hodgson Woodruff School of Nursing  
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## EDUCATION

Date	Degree	Institution	Major
2020	Doctor of Nursing Practice (DNP)	University of Alabama in Huntsville College of Nursing	Nursing
2004	Master of Science (MS): Focus in Nurse Anesthesia	Middle Tennessee School of Anesthesia	Nurse Anesthesia
2000	Master of Science in Nursing (MSN)	Vanderbilt University School of Nursing	Acute Care Nurse Practitioner Track
1998	Bachelor of Science in Nursing (BSN)	Regents College, University of the State of New York	Nursing
1989	Associate Degree in Nursing (ADN)	John A. Logan College	Nursing

## ADDITIONAL GRADUATE-LEVEL EDUCATION

2021	Teaching/Learning in Nursing	University of Alabama in Huntsville	3 credit hours
2021	Testing/Evaluation in Nursing	University of Alabama in Huntsville	3 credit hours
2021	Curriculum Development in Nursing	University of Alabama in Huntsville	3 credit hours

## LICENSES & CERTIFICATIONS

### Current Licenses

- Registered Professional Nurse: State of Georgia
- Certified Registered Nurse Anesthetist: State of Georgia
- Nurse Practitioner: State of Georgia

### Certifications

- Certified Registered Nurse Anesthetist (CRNA) – 2005 to present
- Acute Care Nurse Practitioner (ACNP-BC) – 2000 to present
- Certified Nurse Educator (CNE) – 2022 to present
- Certified Healthcare Simulation Educator (CHSE) – 2024 to present
- Critical Care Registered Nurse (CCRN) – 1993 to present
- Basic Life Support (BLS) – current
- Advanced Cardiac Life Support (ACLS) – current
- Pediatric Advanced Life Support (PALS) – current

## PROFESSIONAL EXPERIENCE

September 2022 – present	Assistant Clinical Professor – Emory University NHW School of Nursing
August 2021 – September 2022	Clinical Instructor – Emory University NHW School of Nursing
August 2021 – August 2022	Adjunct Faculty – Husson University School of Nursing
April 2021 – present	Staff CRNA – Perimeter Anesthesia
November 2018 – April 2021	Lead CRNA – Northern Crescent Endoscopy Center
June 2018 – November 2018	Staff CRNA – Northern Crescent Endoscopy Center
July 2013 – May 2018	Staff CRNA – WellStar Douglas Hospital
April 2012 – December 2014	Staff CRNA – Atlanta Sports Medicine Surgery Center
May 2005 – July 2013	Staff CRNA – Atlanta Medical Center, South Campus
February 2001 – July 2002	Acute Care NP – Division of Trauma & Burn/Vanderbilt University Medical Center
July 1999 – February 2001	RN – Coronary Care Unit/Vanderbilt University Medical Center
September 1997 – July 1999	Charge RN – Emergency Department/Vanderbilt University Medical Center
July 1995 – September 1997	RN – Emergency Department/Vanderbilt University Medical Center
August 1990 – July 1995	RN – Emergency Department/Carbondale Memorial Hospital
May 1989 – August 1990	RN – Surgical Unit/Carbondale Memorial Hospital

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## SCHOLARSHIP: PUBLICATIONS

### Peer-Reviewed Publications

6. Swan, B.A., Febres-Cordero, S., Steiger, L., Lisenby, A., Getz, T., Hudson, J., Cole, K., **Branch, R.**, McDermott, C., Fugate, K., & Giordano, N.A. (2025). Feasibility and acceptability of incorporating artificial intelligence into simulation education. *Clinical Simulation in Nursing*, 104, 101739. <https://doi.org/10.1016/j.ecns.2025.101739> .
5. **Branch, R.**, Cole, K., Gibbons, W., Clement, D. & Wands, L. (2025). Piloting an interdisciplinary simulation-based educational experience with nurse anesthesia, nurse midwifery, and prelicensure nursing students. *Clinical Simulation in Nursing*, 100, 101690. <https://doi.org/10.1016/j.ecns.2025.101690>.
4. **Branch, R.**, & Cole, K. (2024). Advanced airway management skill decay: A review of the literature. *AANA Journal*; 92(3):167-172, PMID: 38758710.
3. Cole, K., **Branch, R.**, & Li, Y. (2023). Reducing nurse anesthesia student anxiety by aligning a university-based simulation program with best practices: A quality improvement project. *Clinical Simulation in Nursing*, 85, 101469. <https://doi.org/10.1016/j.ecns.2023.101469>.

2. **Branch, R.**, Hoy, H., & Currin, K. (2022). Implementing preoxygenation in obese patients prior to esophagogastroduodenoscopy procedures in a fast-paced ambulatory gastrointestinal endoscopy center: A quality improvement project. *AANA Journal*, 90(3): 197-205, PMID: 35604862.

1. **Branch, R.**, & Amiri, A. (2020). Environmental surface hygiene in the OR: Strategies for reducing the transmission of health care-associated infections". Approved for 1.8 CEUs; *AORN Journal* 112(4), 327-342. doi: 10.1002/aorn.13175.

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## **SCHOLARSHIP: PRESENTATIONS**

### **International Presentations**

- 2025 Swan, B.A., Febres-Cordero, S., Steiger, L., Lisenby, A., Getz, T., Hudson, J., Cole, K., **Branch, R.**, McDermott, C., Fugate, K., & Giordano, N. (2025, June). Feasibility and acceptability of incorporating artificial intelligence into simulation education. Paper presented at the XR Salento International Conference on eXtended Reality, Otranto, Italy.
- 2025 Cole, K., & **Branch, R.** (2025, June 19-22). How implementing simulation best practice refined our simulation program and reduced learner anxiety. [Poster]. INACSL 25: Elevating the Simulation Experience, International Nursing Association for Clinical Simulation and Learning, Denver, CO.
- 2025 **Branch R.**, & Cole, L. (2025, January 11). How implementing simulation best practice refined our simulation program and reduced learner anxiety. [Poster]. International Meeting on Simulation in Healthcare.

### **National Presentations**

- 2025 Gibbons, W., Clement, D.M. **Branch, R.**, & Cole, K. (2025, October 10-12). Piloting an interprofessional obstetric emergency simulation with midwifery, nurse anesthesia, and pre-licensure nursing students. [Podium]. ACNM 2025 Annual Meeting: Midwives at Every Table: Practice, Policy, and Research. American College of Nurse-Midwives, Palm Springs, CA.

### **State/Regional Presentations**

- 2021 **Branch, R.** (2021, March). Preoxygenation prior to propofol deep sedation in obese patients. [Poster]. University of Alabama in Huntsville – Research Horizons Poster Session.

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## **TEACHING ACTIVITIES**

### **Emory University: Nell Hodgson Woodruff School of Nursing, DNP Nurse Anesthesia Program**

#### **Courses Taught**

2025 – present	NRSG 706D	Advanced Health Assessment: Course Coordinator
2022 – present	NRSG 782	Advanced Pharmacology for Anesthesia: Course Coordinator
2022 – present	NRSG 780	Chemistry & Physics: Course Coordinator
2022 – present	NRSG 783	Anesthesia for Surgical Procedures and Special Populations I: Course Coordinator/Simulation Facilitator
2021 – present	NRSG 785	Anesthesia for Surgical Procedures and Special Populations II: Course Coordinator/Simulation Facilitator
2022 – present	NRSG 781	General Principles of Nurse Anesthesia: Course Faculty
2022 – 2024	NRSG 690	Nurse Anesthesia Application IV, Trauma Anesthesia: Course Coordinator/Simulation Facilitator

2022	NRSG 687	Nurse Anesthesia Application I: Simulation Facilitator
2022	NRSG 688:	Nurse Anesthesia Application II: Simulation Facilitator
2022	NRSG 689	Nurse Anesthesia Application III: Simulation Facilitator
2022	NRSG 691	Nurse Anesthesia Application V: Simulation Facilitator

### **Emory University: Nell Hodgson Woodruff School of Nursing**

#### **Skills Labs**

2023 – present	Airway Skills Day for AGACNP, ACPNP, & PCNP Students: Lecture and Skills Stations
2023 – present	Multi Critical Care Skills Day for CRNA, AGACNP & ACPNP Students: Skills Stations

### **Emory University: School of Medicine**

2022	Interprofessional Team Training Program: Facilitator (Facilitated discussions with nursing & medical students on interprofessional communication skills)
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### **Husson University School of Nursing: MSN Nurse Practitioner Program (Online)**

#### **Courses Taught**

2022-2023	NU702	Advanced Pharmacotherapeutics: Course Coordinator
2021-2022	NU704	Advanced Health Assessment: Course Coordinator

### **Doctor of Nursing Practice Project Advisement: DNP Nurse Anesthesia Program, Emory University**

#### **Project Chair for DNP Scholarly Projects in NRSG 726D, NRSG 727D, & NRSG 728D**

2023 – 2024	DNP Candidates: MJ Curtis, Ashley Miller, & Nisha Vellappan; Final Scholarly Project Presentation: October 2024; Project Title: <i>Retrospective Comparison of Intravenous Dexamethasone Dosing on Glycemic Control in Type 2 Diabetic Patients Undergoing General Anesthesia for Laparoscopic Cholecystectomy.</i>
2023 – 2024	DNP Candidates: Maygan Procino & Hilliary Greene; Final Scholarly Project Presentation: October 2024; Project Title: <i>Innovating Regional Anesthesia Education: Integrating Augmented Reality &amp; 3D Printing into Simulation Training for Ultrasound Guided Interscalene Blocks.</i>
2022 – 2023	DNP Candidates: Allie Moses & Andy Espinoza; Final Scholarly Project Presentation: August 2023; Project Title: <i>Evaluating an Augmented Reality Educational Intervention on Certified Registered Nurse Anesthetist Confidence in Sonoanatomy Identification and Performance of an Adductor Canal Block.</i>

### **Doctor of Nursing Practice Project Mentor: Chamberlain University**

2024 – 2025	DNP Candidate: Kathy Gangl; Final Scholarly Project Presentation: February 2025; Project Title: <i>Handoff Communication Checklist to Improve Handoff Quality in Post-Anesthesia Care.</i>
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## **PROFESSIONAL AND UNIVERSITY SERVICE ACTIVITIES**

### **Memberships in Professional Organizations**

2025 – present	International Nursing Association for Clinical Simulation and Learning
2022 – present	National League of Nursing
2019 – present	Sigma Theta Tau International
2002 – present	American Association of Nurse Anesthetists
1993 – present	American Association of Critical Care Nurses

### **Emory University Nell Hodgson Woodruff School of Nursing Service**

2023 – 2024	Progression Committee (Member)
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### **Manuscript Reviewer**

2023 – present	American Association of Nurse Anesthesiologists Journal
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### **National Board of Certification and Recertification for Nurse Anesthetists**

2024 – present	National Certification Examination: Serve on Item Writing Subcommittee
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