

CURRICULUM VITAE

NAME: Miranda Smith, Ed.D., AGACNP-BC
RANK: Clinical Assistant Professor
DATE OF APPOINTMENT: August 13, 2018
PROFESSIONAL REGISTRATION: Registered Nurse AL 1-097564
AGACNP ANCC Certification # 2023191592
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EDUCATION:

2026 (in progress)	Post- master's certificate	The University of Alabama Huntsville	Family Nurse Practitioner
2023	MSN	The University of Alabama Huntsville	Adult-Gerontological Acute Care Nurse Practitioner
2021	Ed.D.	The University of Alabama	Instructional Leadership
2013	MSN	The University of North Alabama	Nursing Education
2012	BSN	The University of North Alabama	Nursing
2002	ADN	Wallace State Community College	Nursing

PROFESSIONAL ACADEMIC EXPERIENCE:

2025-present	Undergraduate Simulation Coordinator	University of Alabama Huntsville	Coordinator
2022-present	Clinical Assistant Professor	University of Alabama Huntsville	Course Manager & Faculty
2023	Clinical Assistant Professor	University of Alabama Huntsville	Interim RN-BSN Coordinator
2018-2022	Clinical Instructor	University of Alabama in Huntsville	Course Manager and Course Faculty

2015-2018	Clinical Supervisor	Wallace State Community College	Clinical Instructor
2014-2015	AHA Instructor	Huntsville Hospital Corporate University	ACLS. PALS, BLS Instructor
2004-2015	Clinical Associate	Wallace State Community College	Clinical Instructor

ADJUNCT FACULTY APPOINTMENTS:

2021-present	Graduate Faculty	The University of Alabama	Chair and/or serve On PhD committees
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PROFESSIONAL EXPERIENCE:

2024-present	Nurse Practitioner	Huntsville Hospital ER	Nurse Practitioner
2024-present	Nurse Practitioner	HH Heart Center	Nurse Practitioner
2022-2024	Staff RN PRN	Huntsville Hospital Adult ICU	Staff RN PRN
2017-2022	Staff RN PRN	Decatur Morgan Hospital- ER	Staff RN PRN
2015-2017	Staff RN PRN	Huntsville Hospital Neuro Step down	Staff RN PRN
2004-2014	Staff RN	Huntsville Hospital Pediatric Emergency Room	Staff RN
2013	Staff RN PRN	Nurses Home Care Inc. Pediatric Care	Staff RN PRN
2002-2005	Staff RN PRN	Hartselle Medical Center Med-Surg Floor	Staff RN PRN
2002-2004	Staff RN	Cullman Regional Medical Center Pediatric/Med Surg Floor	Staff RN

SCHOLARSHIP:

Contracts and Grants Funded

Externally Funded Grants

- 2024 Amiri, A. (PI), Salman, A. (co-PI), **Smith, M.** (co-PI), Showalter, D. (co-PI). Preparing the Next Generation to Address Critical Challenges of the Gulf of Mexico Region. National Academies. Gulf Scholars program. \$600,000.

Publications

Refereed Journal Article:

- 2026 **Smith, M.**, Chamness, J., Miasek, M., Deason, M., Dunaway, L., & Modi, S. Enhancing Nursing Student Preparedness for Organ Donation Conversations Through Simulation-Based Education. *Teaching & Learning in Nursing*.
<https://doi.org/10.1016/j.teln.2026.03.022>
- 2025 **Smith, M.**, Chamness, J., Deason, M. Enhancing Clinical Judgment Using Simulation with Multiple Patients. *Simulation & Gaming*. (Submitted)
- 2024 Davis, R.G. & **Smith, M.M.** Promoting Competence in Nursing and Pharmacy Interprofessional Collaboration Through Telehealth Simulation. *Nursing Education Perspectives*, 45(6), 369-371.
<https://doi.org/10.1097/01.NEP.0000000000001208>.
- 2024 Miller, P. H., Epstein, E. G., Smith, T. B., Welch, T. D., **Smith, M. M.**, Bail, J. R. Nurse leaders addressing moral distress. *Nursing in Critical Care*. 2024, 835-838.
<https://doi.org/10.1111/nicc.13045>.
- 2024 Miller, P. H., Epstein, E. G., Smith, T. B., Welch, T. D., **Smith, M.**, Bail, J. R. (2024). Critical care nurse leaders addressing moral distress: A qualitative study. *Nursing in Critical Care*. 2024;1-4. <https://doi.org/10.1111/nicc.13045>
- 2023 Miller, P. H., Epstein, E. G., Smith, T. B., Welch, T. D., **Smith, M.**, Bail, J. R. Moral distress among nurse leaders: A qualitative systematic review. *Nursing Ethics*. Advanced online publication. <https://doi.org/10.1177/09697330231191279>
- 2023 **Smith, M.** & Oliver, J. (2023). Decision-making strategies in hospital administrators in the Implementation of nurse residency programs. *Journal for Nurses in Professional Development*, 39(4) E44–E49.
- 2022 **Smith, M.** (2022). Emergency department immersion: A clinical elective. *Journal of Emergency Nursing*, 48(6), 647-649. <https://doi.org/10.1016/j.jen.2022.07.011>.
- 2020 **Smith, M.M.**, & Davis, R.G. (2020). Can You Escape? The Pharmacology Review Virtual Escape Room. *Simulation & Gaming: Escape Rooms* (special issue), Special Issue, 1-9.

Book Chapters:

- 2024 Davis, R. G., & **Smith, M. M.** Gamification in Nursing Education. In *Teaching with Technology: A Guidebook for Nurse Educators*. National League for Nursing and Wolters Kluwer.
- 2024 **Smith, M.** “Special Nutritional Considerations for Cardiovascular Health.” In Bilbrew, E., Vogelsang, C., & Whittington, K. *Nutrition for Nurses*. Rice University, produced by OpenStax. <https://openstax.org/subjects>

Presentations:

Refereed Poster Presentations:

- 2023 Poster Presentation at the National League for Nursing Annual Conference. “Using Drone Technology to Determine Knowledge Transfer in a Undergraduate Nursing Program.” Washington, DC.
- 2022 Poster Presentation at the National League for Nurses Annual Conference. “Decision-Making Strategies in Hospital Administrators in the Implementation of Nursing Residency Programs.” Las Vegas, NV
- 2022 Poster Presentation at the National League for Nurses Annual Conference. “Promoting Interprofessional Education Through Telehealth Simulation.” Las Vegas, NV (co-presenter)
- 2022 Poster Presentation at the Alabama League for Nurses Annual Conference “How to Increase Clinical Judgment Using Unfolding Case Studies.” Birmingham, AL
- 2021 Poster Presentation at the National League for Nursing Annual Conference-“Can You Escape? The Pharmacology Review Virtual Escape Room.” Washington, DC.
- 2015 Poster Presentation at the University of Alabama Spring 2015 orientation- “How to Insert An EZ-IO”

Invited Podium Presentation:

- 2026 37th International Nursing Research Conference. “Developing Ethical Reasoning and Teamwork in Nursing Students via Organ Donation Simulation.”
- 2025 Alabama League for Nurses Annual Conference in Tuscaloosa, AL “Enhancing Clinical Judgment Using Simulation with Multiple Patients.”
- 2025 36th Sigma Theta Tau International Congress in Seattle, WA. “Enhancing Clinical Judgment Using Simulation with Multiple Patients.”
- 2023 34th Sigma Theta Tau International Congress in Abu Dhabi, UAE “The Use of Technology in Response to a Disaster: Knowledge Transfer.”
- 2023 Alabama League for Nurses Annual Meeting in Auburn, AL “The Use of Technology in Response to a Disaster: Knowledge Transfer.”
- 2022 Alabama League for Nurses Annual Meeting in Birmingham, AL “Flipgrid: Implementation in Nursing Classes.”
- 2016 Association of Nursing Students at Wallace State Community College Monthly Meeting “Test Taking Strategies.”

Invited Visual Presentation

- 2022 Nurses International Pediatric Curriculum. "Health Assessment in Children." Quiz question writer
- 2022 Nurses International Pediatric Curriculum. "Immunizations." NCLEX question writer
- 2022 Nurses International Pediatric Curriculum. "Social, cultural, and environmental/community actors in children." NCLEX question writer
- 2022 Nurses International Pediatric Curriculum. "Nursing care of children with respiratory Disorder parts I-VIII)." NCLEX question writer
- 2021 Nurses International Oncology Curriculum. "Nursing Management of Oncological Emergencies: Spinal Cord Compression."
- 2021 Nurses International Oncology Curriculum. "Nursing Management of Oncological Emergencies: Superior Vena Cava Syndrome."

Book Chapter Reviews

- 2019 Karch: Focus on Nursing Pharmacology 8th Edition (Reviewed Chapters 2 & 9)
- 2023 For "Special Nutritional Considerations for Cardiovascular Health." multiple chapters for this online book and also edited and created multiple questions for chapters within the book.
- 2026 Hinkle: Brunner and Suddarth's Textbook of Medical-Surgical Nursing. 16th Edition Chapter 58: Burns

Journal Article Reviews

- 2020 *Simulation and Gaming* "Investing the Impact of Virtual Reality and Gamification on Improving Physical Activities."
- 2020 *Simulation and Gaming* "Neurological Assessment using a Physical-Virtual Patient (PVP)"
- 2021 *Simulation and Gaming* "The Iterative Development and Testing of an Interactive Mobile Application for Skill Retention of Cardiopulmonary Resuscitation Among High School Students: A Pilot Study."
- 2021 *Simulation and Gaming* "Development and Validity of a Serious Game (VirtualTer) for Postural Balance Rehabilitation in Older Adults."
- 2021 *Simulation and Gaming* "Roles of Serious Game in Diabetes Patient Education."
- 2022 *Simulation and Gaming* "A Multi-University Assessment of Predictors and Correlates of Nursing Simulation during COVID-19 Pandemic: A Cross-sectional Study."
- 2022 *Simulation and Gaming* "Med Sim Studio: An Open Access Simulation Platform for Running and Sharing Display of Patient Data in Package Scenarios."
- 2022 *Simulation and Gaming* "Using various type of embedded participants to enhance culturally congruent, family-centered simulation-based education."
- 2022 *Simulation and Gaming* "Medical students' evaluation by serious game in the era of COVID-19 infection."
- 2023 *Simulation and Gaming* "Development and validation of an inanimate model of renal puncture: An economical, reproducible, and valuable alternative in

Training.”

- 2023 *Journal of Emergency Nursing* “A Qualitative Research on the Experiences of Pediatric Emergency Service Professionals with Refugee Patients.”
- 2023 *Journal of Emergency Nursing* “Prehospital Triage for Older Adult Patients: A scoping review.”
- 2024 *Nurse Education in Practice* "Navigating Ethical Challenges and Opportunities: Nursing Student's Views on Generative AI in Higher Education."
- 2026 *Nursing Reports* “Effects of simulated video consultation training on nursing students’ clinical decision-making, self-confidence, and anxiety: A quasi-experimental study”
- 2026 *Journal of Emergency Nursing* "Implementing a 3D-Printed Simulation Program to Improve Emergency Nurse Competence in Intraosseous Device Use: A Quality Improvement Initiative."

TEACHING:

Accelerated BSN Nursing Program

2024-2025	NUA 375	Medical-Surgical Nursing Course Manager: 2024; 2025
2024	NUA 335	Health Assessment
2024	NUA 345	Foundations in Nursing
2024	NUA 325	Patho & Pharm I (Math Portion Only)
2023-2026	NUA 460	Complex Care Nursing

Traditional BSN Nursing Program

2026	NUR 307	Inquiry to Evidence-Based Practice
2022-present	NUR 401	Nursing Care of the Critically Ill Adult Course Manager: 2026
2019-2022	NUR 308	Nursing Care of Adults; Alterations in Health Course Manager: 2019-2022
2018-2022	NUR 321	Pharmacology in Nursing
2018-2019	NUR 303	Health Assessment
2018	NUR 310	Professional Practice in Nursing I

Traditional Associate Degree Program:

2018	NUR 112	Fundamental Concepts of Nursing (pharmacology section)
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Online RN-BSN/Dual Program:

2026	NUR 421	Acute Care for the Professional Nurse
2024	NUR 423	Evidence-Based Practice
2023-2025	NUR 429	Nursing Theory
2023	NUR 422	Community Health for the Professional Nurse
2023	NUR 417	Nursing Care of Vulnerable Populations
2022-2023	NUR 413	Leadership in Professional Nursing Practice
2022-2023	NUR 410	Transition to Professional Roles

2022-2023	NUR 339	Information Management in Healthcare
2022-2023	NUR 421	Acute Care for the Professional Nurse

SERVICE:

University:

2024-present	Scholarship Oversight Overall Committee, Member
	2025-2026 University-Wide Subcommittee, Member
	2025-2026 Blind Anonymous Subcommittee, Member
2024	University-Wide Scholarship Committee, Chair
2023-present	QEP Development, Member
2020-2026	Faculty Senate, Member
	2025-2026 Financial Aid Committee, Member
	2025-2026 Undergraduate Scholastic Affairs Committee, Member
	2024-2025 Undergraduate Scholastic Affairs Committee, Chair
	2023-2024 Undergraduate Scholastic Affairs Committee, Chair
	2022-2023 Undergraduate Scholastic Affairs Committee, Member
	2021-2023 Undergraduate Curriculum Committee, Member

College:

2026	Strategic Management Committee
2025-present	Simulation Objective Map Task Force, chair
2025-present	IPE Task Force, co-chair
2023	Joint PhD Awards Committee Review Team
2022	Joint PhD Awards Task Force
2022-2024	Faculty Affairs Committee, Member
2020-2023	LTRC/SLIC Accreditation Committee, Member
2020-present	Undergraduate Curriculum Committee, Member
	2023-25 AACN Essentials Curriculum Transformation Task Force Sub-Committee, Member
	2022-25 Simulation Objective Map Sub-committee, Member
	2021 Simulation Objective Map, Chair
	2020 Simulation Objective Map Sub-committee, Member
2019-2021	Faculty Affairs Committee, Member
	2020 Peer-to-Peer Faculty Development “Canvas 2.0” (September)
	2019 Electronic Task Force, Member
2018-present	Faculty Organization, Member
	2026-2028 Chair
	2024-2026 Vice-Chair
2018-2019	Faculty and Staff Sunshine Ad-hoc Committee, Member
2018-2019	New Faculty Orientation Ad-hoc Committee, Member

Professional:

2026-2028	ANCC Adult-Gerontology Acute Care Nurse Practitioner Content Expert Panel
2025	ANCC Adult-Gerontology Acute Care Nurse Practitioner Standard Setting Panel
2022-Present	North Alabama Nurse Practitioner Symposium, Member
2022-2024	<i>Simulation & Gaming</i> Journal, Editorial Board
2021-Present	INASCL-International Nursing Association for Clinical Simulation

	and Learning, Member
2020-Present	Alabama League for Nursing, Member 2024-25 Nominations Committee
2020-Present	Omega Nu Lambda, Member
2016-Present	Phi Kappa Phi, Member
2015-2023	Nurses International, Volunteer Faculty Member
2015-2021	Graduate Student Nurses Association, Member
2013-Present	Sigma Theta Tau, Member 2019-2021 Treasurer 2024-2026 Leadership Succession Member
2004-Present	National League of Nursing, Member

Supervision of Student's Research

Ongoing	McConnathy, Kate. Generation Z Members' Perceptions, Knowledge, Attitudes, and Beliefs Towards Obstructive Sleep Apnea: A Qualitative Study. (in progress)
2025	Allison, Lydia. Factors Influencing Medication Adherence in Atrial Fibrillation Patients. (Honor's Student Chair). Completed Fall 2025
2025	Graham, Laura. Exploring Patient Violence Against Nurses in the Emergency Department. (Ph.D. Committee Member). Completed Spring 2025
2023	Miller, Preston. Exploring Moral Distress Among Nurse Leaders. (Ph.D. Committee Member). Completed Fall 2023

Certifications:

2023	ANCC- Adult-Gerontological Nurse Practitioner Certification
2025	AHA NIH Stroke Scale Certification, American Heart Association National Institute of Health
2023	Oral Health
2023	QEPO Instructor Certification
2025-2027	ACLS, Advanced Cardiac Life Support Provider and Instructor
2025-2027	PALS, Pediatric Life Support Provider, and Instructor
2025-2027	BLS, Basic Life Support Provider and Instructor
2021	Mental Health First Aider
2023	MOAB, Management of Aggressive Behavior Certification

HONORS AND AWARDS:

Year	
2025	Awarded Joan Williamson NANPA Scholarship Co-recipient of the Alabama League of Nursing, Excellence in Teaching
2021	Award with The University of Alabama in Huntsville Nursing Undergraduate Faculty: Awarded Project: Escape Rooms to Promote Clinical Judgment during Virtual Learning. Co-Project with Dr. Rebecca Davis (March) Member of Omega Nu Lambda
2020	Selected as a National League for Nursing Center of Excellence for
2018	Promoting the Pedagogical Expertise of Faculty. National League of Nursing Review Panel. 2018-2022.

	Awarded Hill Crest Foundation Endowment in Nursing Scholarship
2018	Awarded the Peabody B. Mayfield Scholarship from the Capstone College of Nursing at the University of Alabama
2016	Awarded the Catherine and George Hansberry Scholarship from the University of Alabama
2016	Inducted into Phi Kappa Phi at the University of Alabama
	Awarded the William E. Sexton Scholarship Award from the University of Alabama
2015	Awarded the License Tag Fellowship from the University of Alabama
2014	Awarded the Undergraduate Preceptor Award for the Spring from The University of Alabama in Huntsville
2014	Inducted into Sigma Theta Tau at The University of North Alabama
	Awarded the Academic Achievement Award for BSN graduating class
2013	Graduated from The University of North Alabama Summa Cum Laude
2012	Member of Phi Theta Kappa at Wallace State Community College

CONTINUING EDUCATION: (2022-present)

Year	Activity
2026	Interprofessional Simulation as a Catalyst for Patient Safety-Integrating Disaster Day and Diagnostic Excellence Society for Simulation and Healthcare (April)
2026	2026 Cardiology Update (February)
2025	Diagnosis and Treatment of atypical-HUS in a Patient with Malignant Hypertension for Nurses (December)
2025	Harvest Your Knowledge: Comprehensive NCLEX Review (December)
2025	Beta Phi at Large Fall 2025 Lunch and Learn (December)
2025	ECHO Review for APPs (November)
2025	2025 Huntsville Hospital APP Education: Heart Failure Management Across the Continuum (October)
2025	RHC Hemodynamics from a PH Perspective (September)
2025	Annual North Alabama Nurse Practitioner Association Symposium (September)
2025	Implicit Bias in Nursing Education NurseTim (August)
2025	Foundations of Holistic Learning (August)
2025	Evolving Nursing Educator: A Roadmap to Concept-Based Curriculum and Competency Assessment NurseTim (August)
2025	AI in Nursing Education: Exploring Conversational AI in Higher Education (August)
2025	Simulation Psychological Safety (August)
2025	36 th Sigma Theta Tau International Research Congress (July)
2025	Left Bundle Pacing (May)
2025	2025 Neurology Stroke Update (April)
2025	2025 ALN Annual Conference (February)
2025	2025 RCEM Conference-Seven Decades of Altered States (February)
2025	2025 Cardiology Update (February)

2025	APP - Advanced Practice Provider Education Series: Sudden Cardiac Death in Young Athletes (January)
2024	Revolutionizing Your Approach to Help Protect Patients with CKD Against Progression (August)
2024	Heart Failure Updates (July)
2024	Exploring thrombotic microangiopathies and typical HUS in an adult patients Presenting to the ICU for Nurses (May)
2024	2024 Foundations of Neurology and Neurosurgery Conferences (April)
2024	Heart Failure Across the Continuum (March)
2024	Genetics in Kidney Disease: Knowing is Half the Battle (January)
2023	Adult-Gerontology Acute Care Nurse Practitioner Certification Review/Clinical Update Continuing Education (November)
2023	12 th Annual Trauma Critical Care Conference-Beyond all Limits (November)
2023	National League for Nursing Education Summit (September)
2023	34 th Sigma Theta Tau International Research Congress (July)
2023	Smiles for Life-Oral Health Curriculum (April)
2023	UAH Civility Training (April)
2023	Pursuing a Career as a Nurse Scientist (April)
2023	Alabama League for Nursing Annual Conference (March)
2023	2023 Cardiology Update (February)
2022	11 th Annual Trauma Critical Care Conference: PEAK PERFORMANCE (November)
2022	26 th Annual North Alabama Nurse Practitioner Association Symposium (September)
2022	National League for Nursing Education Summit (September)
2022	Becoming the Top Gun in Simulation (August)
2022	Alabama League for Nursing Annual Conference (April)
2022	Developing and Applying CQ Workshop (February)
2022	Nurse Tim Incorporated. Certified Nurse Educator Prep Course (January)