

CURRICULUM VITAE

NAME: Tracy M. Lakin

RANK: Clinical Associate Professor

DATE OF APPOINTMENT: August 20, 2024

PROFESSIONAL REGISTRATION: American Academy of Nurse Practitioners

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EDUCATION:

<i>Year</i>	<i>Degree</i>	<i>Institution</i>	<i>Major</i>
5/2019	DNP	University of Alabama Huntsville	Nursing
5/2020	Certificate	University of Alabama Huntsville	CNE
12/1998	MSN	University of Alabama Huntsville	Acute/Adult Care Practitioner
5/1996	BSN	University of Alabama Huntsville	Nursing
1992	Prerequisites	Auburn University	General

CERTIFICATIONS AND LICENSURES:

<i>Year</i>	
1998-Present	Adult Care Nurse Practitioner (CRNP), national certification
1998-Present	Nurse Practitioner (CRNP) licensure, AL
1996-Present	Registered Nurse (RN) licensure, AL, compact license
2024-Present	Certified Healthcare Simulation Educator (CHSE)

PROFESSIONAL EXPERIENCE

<i>Year</i>	<i>Title/Rank</i>	<i>Institution</i>	<i>Role/Functional Area</i>
2026-Present	DNP	The University of Alabama In Huntsville	Graduate Simulation Coordinator
2020-Present	DNP	The University of Alabama in Huntsville	Course Manager AGACNP I, II, III
2019- Present	Clinical Assistant Professor	The University of Alabama in Huntsville	Graduate Faculty Status, DNP
2019-Present	CRNP	Huntsville Cardiovascular Clinic	NP
2000-2019	CRNP	The Heart Center	NP
1998-2000	CRNP	Huntsville Cardiothoracic Surgeons	NP
1996-1998	RN	MICU, Huntsville Hospital	RN

CONSULTATIONS:

<i>Year</i>	<i>Activity</i>
2017	National Anticoagulation Panel Dallas, TX Sponsored by Pfizer Pharmaceuticals

TEACHING:

<i>Year</i>	<i>Activity</i>
2020- Present	NUR 621 Course Manager ADLT GER ACUTE CR NUR PRACT II Clinical Instructor NUR 607 Pharmacology NUR 620 ADLT GER ACUTE CR NUR PRACT I Clinical Instructor NUR 606 Pathophysiology NUR 500 ST: Critical Care Advanced Practice NUR 607 Pharmacology NUR 622 ADLT GER ACUTE CR NUR PRACT III NUR 390/518 Global Healthcare: Italy, London, Ireland NUR 646 Instructional Technology in Nursing Education NUR 609, 609L Advanced Health Assessment NUR 605, 605L Advanced Health Assessment

SCHOLARSHIP:

Book Chapters:

<i>Year</i>
2019 Lakin, T.M., Hoy, H.M., and Barkley, T.W. (2020). <i>Practice Considerations for Adult-Gerontology Acute Care Nurse Practitioners</i> , 3 rd ed. Chapter 28. MA: Barkley & Associates.

Journal Publications:

Year:

2026 Beck, M. L., Johnson, A., & Lakin, T. M. (2026). A Nurse's Perspective: Navigating Breast Cancer Through Shared Decision-Making. *Journal of the Advanced Practitioner in Oncology*.

Ghidini, J., Moore, J., **Lakin, T. M.**, & Beckman, B. (2026). Prevention of False-positive Central Line-Associated Bloodstream Infections in Adult Patients in the Medical Intensive Care Unit. *MEDSURG Nursing Journal*.

2026 **Lakin, T. M.**, Black-Mead, N. M., Zalamea, R., Enlow, D., Gunter, C., Schroer, B., & Hoy, H. (2026). Power of 3D printing to enhance the training of acute care nurse practitioner students in gerontology: Hip and knee replacements, pelvis and vertebral fractures and spine disorders. *Procedia Computer Science* 00 (2025) 000–000

2025 **Lakin, T. M.**, Valenzuela, T., & Pepper, L. (2025). Decreasing delirium in hospitalized trauma intensive care patients over age 65: An evidence-based quasi-experimental project. *Journal of Nursing Care Quality*.

2024 Morrison, K., **Lakin, T.**, Hoy, H., Enlow, D., Hernandez, K., Maddux, G., & Schroer, B. (2024). 3D printed models of major congenital heart defects: Integration into the training of nursing students. *13th International Workshop on Innovative Simulation for Healthcare 20th International Multidisciplinary Modeling & Simulation Multiconference*.

2023 Black-Mead, N., Hoy, H., **Lakin, T. M.**, Domingo, I., Maddux, G., & Schroer, B. (2023). 3D printed models of endobronchial valves inside bronchi airways: augmented with 3D simulation. *12th International Workshop on Innovative Simulation for Healthcare 20th International Multidisciplinary Modeling & Simulation Multiconference*.

2023 **Lakin, T. M.**, Black-Mead, N., Hoy, H., Domingo, I., Maddux, G., & Schroer, B. (2023). Power of computer simulation with 3D printed models for training acute care nurse practitioners. *12th International Workshop on Innovative Simulation for Healthcare 20th International Multidisciplinary Modeling & Simulation Multiconference*

2021 Smith, C., & **Lakin, T. M.** (2022). Effects of an Interprofessional Spiritual Care Education Project. *The Journal of Hospice and Palliative Care*, 24, 78–83.
<http://DOI: 10.1097/NJH.0000000000000819>

Presentations:

Year:

2026 **Lakin, T. M.**, Black-Mead, N. M., Zalamea, R., Enlow, D., Gunter, C., Schroer, B., & Hoy, H. (2026). Power of 3D printing to enhance the training of acute care nurse practitioner students in gerontology: Hip and knee replacements, pelvis and vertebral fractures and spine disorders. *I3M International Conference*. Genoa, Italia.

2026 Beck, M. L., Johnson, A. B., & Lakin, T. M. (2026, March 19–20). Beck, M. L., Johnson, A., **Lakin, T.** A nurse's perspective: Navigating breast cancer through shared decision-making. [Poster Presentation]. In *Cancer Advocacy Group of Louisiana's (CAGLA) Neaux Cancer Conference*. Cancer Advocacy Group of Louisiana (CAGLA).

2025 & 2026 Budisalich, K. K., **Lakin, T. M.**, Morrison, K. H., & Smith, M. M. (2025, Autumn). Faculty development in simulation: Facilitator feedback. *Faculty Development*, University of Alabama in Huntsville.

2025 Schroer, B., Enlow, D., Gunter, C., Zalamea, R., **Lakin, T. M.**, & Black-Mead, N. (2025, November). Parameters affecting segmentation of simulation models from CT scans: Focus on CT slice thickness and contrast for quality 3D printed models. *AlaSim2025 International Modeling & Simulation Conference*.

2025 Ortega, K., & **Lakin, T. M.** (2025, October). Reducing 30-day readmission rates for patients with heart failure through the utilization of a transitional care protocol at a rural hospital. *Joint DNP/PhD Intensive*, University of Alabama in Huntsville.

2025 Plemons, T. W., & **Lakin, T. M.** (2025, October). Clinical practice change: Implementation of a pre-diabetic protocol. *Joint DNP/PhD Intensive*, University of Alabama in Huntsville.

2024 **Lakin, T. M.**, Black-Mead, N., & Hoy, H. (2024, March). Using High Fidelity Telehealth Simulation to Fill an Educational Gap: Spinal Cord Syndromes. *Alabama League for Nurses Annual Conference*. ALN.

2024 **Lakin, T.M.** & Lamb, J. (2024, March). Utilizing "Expert" NP Students to Teach Clinical Skills. *Alabama League for Nurses Annual Conference*. ALN.

2023 **Lakin, T. M.** (2023, September). Power of Computer Simulation With 3D Printed Models for Training Acute Care Nurse Practitioners. In *12th International Workshop on Innovative Simulation for Healthcare 20th International Multidisciplinary Modeling & Simulation Multiconference*. I3M 2023.

2023 **Lakin, T. M.** (2022, December). Anticoagulation in the Geriatric Population. In *Quarterly Continuing Education Regency Retirement Village*. Regency Retirement Village.

2022 **Lakin, T. M.** (2022, September). Cardiac Island: Horses vs Zebras. In *NANPA Annual Conference*. North Alabama Nurse Practitioner Association.

2022 Emich, C., & **Lakin, T. M.** (2022, April). Innovative Interprofessional Learning in a Nurse Practitioner Program. In *Alabama League for Nursing*. ALN.

2021 **Lakin, T. M.** (2021, September). America Takes the Gold: Number One in Cardiovascular Disease. In *North Alabama Nurse Practitioner Association Annual Conference*. NANPA.

2021 Aultman, A. B., & **Lakin, T. M.** (2020, October). Examsoft & advanced test item analysis tips. In *The University of Alabama in Huntsville, College of Nursing Faculty Affairs Faculty Development Meeting*.

Media:

2019 **Lakin, T.M.**, (2019). <https://patientsafetymovement.org/advocacy/patients-and-families/patient-stories/bill-aydt/>. Development of SIM for Global Network for Simulation Design.

2019 **Lakin, T.M.**, (2019). <http://www.gnsh.org/gwen-cox/>. Development of SIM for Global Network for Simulation Design.

HONORS AND AWARDS:

<i>Year</i>	<i>Activity</i>
2019	Invitation to Sigma Theta Tau
2020	Outstanding Faculty of the Year, NPAA

OTHER PROFESSIONAL ACTIVITIES:

<i>Year</i>	<i>Activity</i>
2019-	Sigma Theta Tau Member
Present	North Alabama Nurse Practitioner Association, Vice President
	American Academy of Nurse Practitioners
	National League for Nurses
	American Nursing Informatics Association
2020-	Nurse Practitioner Association of Alabama
Present	International Nursing Association for Clinical Simulation and Learning
2024-	Society for Simulation in Healthcare
Present	
2025	National League of Nursing Simulation Leadership Program

CONTINUING EDUCATION:

<i>Year</i>	<i>Activity</i>
2026	Barkley Review, Birmingham, Al
2025	National League of Nursing Leadership (Simulation) Program, Washington, D.C.
	Barkley Review, Birmingham, Al
2024	SSH CHSE and CHSOS Review Course, Birmingham, AL
	Alabama League for Nursing Annual Conference Break Out Session, Huntsville, AL

	Mastering Learning Education: The Psychological Contract of Medical Simulation, Las Vegas, NV
2023	AANP National Conference, New Orleans, LA
	Barkley Review, Birmingham, AL
	DNP Intensive, Huntsville, AL
2022	Simulation Education, Huntsville, AL
	NPAA Annual Conference, Mobile, AL
	ALN Annual Conference, Birmingham, AL
	NANPA Annual Conference, Huntsville, AL
	ACLS/BLS, Huntsville, AL
	National Conference for Nurse Practitioners in Acute Care, Digital
2021	NONPF, Digital
	NANPA, Huntsville, AL
	NPAA, Digital
2020	National Faculty Meeting
	Nur 642 – Testing and Evaluation in Nursing
2019	Cultural Diversity Training
	Nur 644 – Nurse Education/Practicum
	Hemodynamic Monitoring

RECRUITMENT ACTIVITIES:

<i>Year</i>	<i>Activity</i>
2025	Recruited three future DNP students from current cohort
	Study Abroad Fair: UAH
	Speaker: SpotLowe Technical School
	Walk and Talk with Study Abroad and the College of Nursing
	Fridays at 11:00 at Charger Union
	Personalized Tours: 4 undergraduate students
	Speaker: Madison County Technical School
	Study Abroad Fair: UAH
	Students Enrolled Due to Recruitment Activities: 1 PhD, 3 DNP,
2024	1 Post- masters AGACNP, 1 Jump BSN to NP, 1 traditional undergraduate
	Speaker: Spot Lowe Technical School
2023	Study Abroad Fair: UAH
	Speaker: International Studies Series at Salmon Library