

CURRICULUM VITAE

Brayton Amidon PhD, RN, CHSE

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EDUCATION

Institution	Degree	Date	Major
The University of Arizona	PhD	05/24	Nursing
<i>Dissertation: Evaluating Proposed Federal Policy for Nurse-to-Patient Staffing Ratios: Insights from State-Level Data</i>			
Texas A&M University – Corpus Christi	MSN	05/19	Nursing Educator
Texas A&M University – Corpus Christi	BSN	12/15	Nursing

PROFESSIONAL EXPERIENCE

Academic

Position	Institution	Dates
Assistant Professor	Texas A&M University College of Nursing	08/25 - Present
Postdoctoral Research Fellow Focus: Big Data	The University of Oklahoma College of Nursing	08/24 - 07/25
Clinical Assistant Professor	The University of Oklahoma College of Nursing	08/24 – 08/25
Skills Lab & Simulation Coordinator	The University of Oklahoma College of Nursing	07/24 – 08/25
Accelerated BSN Track Coordinator	The University of Oklahoma College of Nursing	07/23 – 07/24
Instructor	The University of Oklahoma College of Nursing	08/21 – 08/24
Simulation Lab Coordinator	Texas A&M University – Corpus Christi	12/15 – 08/21

Clinical

Position	Facility	Dates
Registered Nurse Adolescent Mental Health	Corpus Christi Medical Center	2018
Registered Nurse Adult Telemetry	Corpus Christi Medical Center	2016

CERTIFICATIONS

Certification	Certifying Body	Dates
Certified Healthcare Simulation Educator	Society for Simulation in Healthcare	2021 - Present
Basic Life Support Instructor	The American Heart Association	2019 - 2021
Certified Healthcare Operations Specialist	Society for Simulation in Healthcare	2018-2021
Basic Life Support Instructor	The American Heart Association	2014 - Present

LICENSURE

License	Date Issued	Status
Registered Nurse, Oklahoma/Multistate	2021	Active
Registered Nurse, Texas/Multistate	2016	Inactive

SCHOLARSHIP

Extramural Research

Co-Investigator, *Healthcasting: Adding Health Outcomes to Weather Forecasts*. National Oceanic and Atmospheric Administration. NOAA-OAR-WPO-2025-28598. \$499,293. *Pending Decision*.

Postdoctoral Research Fellow. *Building Data Capacity for Maternal Health Equity*. National Institute for Child Health and Human Development. U54HD113173-02S1. \$200,680. 08/2024-07/2025.

PUBLICATIONS

Peer-Reviewed Articles

- Xavier, N., Quinn, J., **Amidon, B.**, Barnes, R., Bronson, S., & Dunning, L. (2025). Healthcare simulation standards of best practice® professional integrity. *Clinical Simulation in Nursing*, 105.
- Xavier, N., Quinn, J., **Amidon, B.**, Barnes, R., Bronson, S., Dunning, L., & INACSL Standards Committee. (2025). The impact of professional integrity on simulation learning outcomes: A systematic review. *Clinical Simulation in Nursing*, 101716.
- Xavier, N., Quinn, J., **Amidon, B.**, Barnes, R., Dunning, L. (2024). The Impact of Professional Integrity on Simulation Learning Outcomes –A Systematic Review Protocol. *Clinical Simulation in Nursing*. <https://doi.org/10.1016/j.ecns.2023.101508>
- Squires, D., Massey, S., Fomenko, J., **Amidon, B.** (2023). Evaluating the Impact of Scenario-Based Online Simulations on Cognitive Load, Self-Efficacy, and Skill Transfer in Nursing Education. *i-manager's Journal on Nursing*, 13(3).
- Dolan, H., **Amidon, B. J.**, & Gephart, S. M. (2021). Evidentiary and Theoretical Foundations for Virtual Simulation in Nursing Education. *Journal of Professional Nursing*. <https://doi.org/10.1016/j.profnurs.2021.06.00>

PODIUM PRESENTATIONS (*Refereed, +Invited)

National

- *Colf, L., **Amidon, B.**, Washburn, I., Shreffler, K., *Data Resources for Examining Maternal Health Equity*. 2025 IQVIA Institute Research Forum. Boston, MA, September 18-19, 2025
- *Crist, D., Fisher-Cunningham, K., **Amidon, B.**, Rogers, B., *Managing Cognitive Load in Simulation Facilitation*. National League for Nursing Education Summit. Orlando, FL, September 17-19, 2025
- *Colf, L., **Amidon, B.**, Shreffler, K., Washburn, I., *Maternal Health Linked Data Workshop for New and Prospective Users*. Data workshop presented at: Population Association of America 2025 Annual Meeting. Washington, D.C. April 10-13, 2025
- +Colf, L., **Amidon, B.**, Shreffler, K. *Improving Maternal Health Requires Data and Policy*. Implementing a Maternal health & PRenancy Outcomes Vision for Everyone (IMPROVE) Initiative 5th Anniversary Meeting. National Institute of Child Health and Human Development. October 15-16, 2024.

Local

- *Fomenko, J., **Amidon, B.** *Interdisciplinary Collaboration for Accessible Digital Learning*. 2nd Annual Digital Strategies Symposium. Texas A&M University – Corpus Christi. October 2019.

Panel Member

- +Education Grand Rounds: Navigating Professionalism: Best Practices for Learner Centeredness and OU Health Sciences Policy, The University of Oklahoma Health Sciences Center, November 2024
- +Panel Discussion: The Future of Nursing, College of Nursing and Health Sciences, Texas A&M University – Corpus Christi. November 2019
- +Panel Discussion: Improving Student Learning, Patient Care, and Clinical Outcomes with Simulation: Experiences of Students and Faculty, Simulation: The Challenge to Improve Patient Outcomes – Texas A&M University – Corpus Christi. April 30 – May 1, 2016

POSTER PRESENTATIONS (*Refereed, +Invited)

- ***Amidon, B.**, Colf, L., Shreffler, K. *Impact of COVID-19 on Maternal Health Services and Outcomes*. Midwest Nursing Research Society Annual Research Conference. Indianapolis, IN, March 26-29, 2025
- *Colf, L., **Amidon, B.**, Anthony, D., Dressler, C., Harris, C., Heck, J., Washburn, I., Jones, E., Shreffler, K. *Quantifying Predictors of Maternal Morbidity and Mortality*. Midwest Nursing Research Society Annual Research Conference. Indianapolis, IN, March 26-29, 2025
- ***Amidon, B.**, *Evaluating Proposed Federal Policy for Nurse-to-Patient Staffing Ratios: Insights from State-Level Data*. American Academy of Nursing's Health Policy Conference, October 31-November 2, 2024
- +Colf, L., **Amidon, B.**, Shreffler, K. *Impact of COVID-19 on Maternal Health Service Utilization and Perinatal Outcomes in Oklahoma. Implementing a Maternal health & PRegnancy Outcomes Vision for Everyone (IMPROVE) Initiative 5th Anniversary Meeting. National Institute of Child Health and Human Development. October 15-16, 2024.*
- *Wright, V., Fisher-Cunningham, K., **Amidon, B.**, *HPV Vaccine Uptake Among American Indian and Alaska Native University Students: A Scoping Literature Review*. Oklahoma Nurses Association Annual Convention, September 25-26, 2024
- *Hinton, J., Allison, T., **Amidon, B.**, Bouchard, L., Prettyman, A. *Two Events in One: Collaborative BSN & DNP Student OSCEs & Formative Simulation-Based Education*. Arizona Nurses Association Convention, October 1-2, 2021
- ***Amidon, B.**, Fomenko, J., Snell, L., Dominguez, A. *Response to COVID-19: An Innovative Hybrid Virtual Nursing Simulation*. Western Institute of Nursing 2021 Virtual Conference, April 14-16, 2021
- *Fomenko, J., **Amidon, B.**, Luctkar-Flude, M., Tyerman, J. *An International Collaboration to Enhance Learning about Military Veterans and Post-Traumatic Stress: Creating Virtual*

Simulation Games. International Nursing Association for Clinical Simulation and Learning 2020 Virtual Conference, June 24-26, 2020

- *Fomenko, J., Greathouse, S., **Amidon, B.**, Beltran, E., Orsak, K., Sieger, L. *Using Experienced Practitioners to Extend Faculty Resources in Nursing Simulations*. Pathways Student Research Symposium. Texas A&M University – Prairie View. November 3, 2016
- ***Amidon, B.**, Alaniz, E., Bauer, C. *The Effect of Simulation on Knowledge and Self Confidence in Nurse Practitioner Students: A Systematic Review*. Pathways Student Research Symposium. Texas A&M University – Prairie View. November 3, 2016

PROFESSIONAL SERVICE

National/International Service

Role	Organization	Dates
Chair, Governance Committee	International Association for Clinical Simulation and Learning	06/25-Present
Vice Chair, Governance Committee	International Association for Clinical Simulation and Learning	06/24 – 06/25
Member, Governance Committee	Sigma Theta Tau, Beta Delta-at Large Chapter	01/24 – 08/25
Member, Healthcare Simulation Standards of Best Practice Committee, Professional Integrity Subcommittee	International Association for Clinical Simulation and Learning	10/22 – Present
Member, Governance Committee	International Association for Clinical Simulation and Learning	08/22 – 06/24
Session Host, INACSL 2022	International Association for Clinical Simulation and Learning	06/22
Member, Certification Council, Quality Subcommittee	Society for Simulation in Healthcare	2019-2021
Secretary	Sigma Theta Tau, Eta Omicron Chapter	2017-2021

Service to The University of Oklahoma Health Science Center

<i>Member, Faculty Search Committee</i>	07/24 – 07/25
<i>Member, Undergraduate Curriculum Revision Subcommittee</i>	08/23 – 08/24
<i>Member, Curriculum Council, Grading Philosophy Subcommittee</i>	05/23 – 05/24

<i>Member, Curriculum Council</i>	05/23 – 05/24
<i>Member, Graduate Professional Program Faculty Committee</i>	08/22 – 05/23
<i>Activity Leader, OU VolunTEEN Program</i>	07/22, 07/25
<i>Activity Leader, Aspiring Health Professions Summer Academy</i>	07/22, 07/25
<i>Member, Strategic Plan Advisory Group</i>	04/22 – 12/22
<i>Baccalaureate Faculty Representative, External Affairs Committee</i>	01/22 – 07/22
<i>Member, Orientation & Student Success Working Group</i>	10/21 – 07/22

Service to Texas A&M University – Corpus Christi

Guest Lecturer, Nursing Care of Adults I - Electrical Conduction of the Heart & Dysrhythmias (2020)

Guest Lecturer, Fundamentals of Nursing Care - Pain, Fluid & Electrolytes (2019)

Emcee, State of the University (2019)

Member, CONHS Simulation Committee (2018 – 2021)

MSN Student Representative (2017-2018)

Member, Simulation Advisory Committee (2016-2021)

HONORS & AWARDS

- Best Use of Linked Data - Poster, Implementing a Maternal health & PRegnancy Outcomes Vision for Everyone (IMPROVE) Initiative 5th Anniversary Meeting, October 2024
- Excellence in Leadership and Mentoring, The University of Oklahoma Health Sciences College of Nursing, May 2024
- Excellence in Leadership, Sigma Theta Tau – Beta Delta at-Large Chapter, April 2024
- Poster Presentation Award, Second Place Master's Life Sciences Category, Pathways Student Research Symposium, Texas A&M University – Prairie View, November 2016
- Outstanding Undergraduate Nursing Student, Texas A&M University – Corpus Christi, December 2015

PROFESSIONAL MEMBERSHIPS

- Oklahoma Nurses Association (11/23 – 8/25)
- American Nurses Association (11/23 – Present)
- Canadian Alliance of Nurse Educators Using Simulation (2019 – Present)
- National League for Nursing (2018 – Present)
- The Honor Society of Phi Kappa Phi (2018 – Present)
- Society for Simulation in Healthcare (2018 – 2022)
- International Nursing Association for Clinical Simulation and Learning (2016 – Present)
- Sigma Theta Tau International (2015 – Present)
- Golden Key Honor Society (2015 – Present)