

**Jessica Barr, MSN**  
Assistant Clinical Professor  
College of Nursing  
Texas Woman's University - Dallas

**Education**

MSN, Child Health Nursing, Teaching. University of Texas at Austin, 2016.

BSN, Nursing. University of Alabama, 2010.

**Academic Positions**

Assistant Clinical Professor, Texas Woman's University. (August 2021 - Present).

Adjunct Faculty, University of Texas at Arlington. (September 2024 - December 2025).

Adjunct Clinical Instructor, Baylor University. (August 2021 - May 2022).

Graduate Advisor, University of Texas at Austin. (August 2020 - May 2021).

Clinical Instructor, University of Texas at Austin. (January 2017 - May 2021).

Course Facilitator, University of Texas at Austin. (June 2018 - June 2019).

Adjunct Clinical Instructor, Texas State University. (August 2017 - December 2018).

Clinical Teaching Assistant, Texas State University. (August 2016 - December 2016).

Clinical Teaching Assistant, University of Texas at Austin. (August 2016 - December 2016).

**Professional Positions**

Nurse Expert Witness. (May 2022 – Present).

Infusion Nurse, Accredo Specialty Pharmacy. (August 2015 - October 2022).

Pulmonary Hypertension Coordinator, UT Southwestern Medical Center. (August 2012 - June 2015).

NICU Staff RN, Medical Center of Lewisville. (July 2011 - July 2012).

**Licensures and Certifications**

Basic Life Support, American Heart Association. (2025 - Present).

Mental Health First Aid, TWU. (2023 - Present).

**Professional Memberships**

Society of Pediatric Nurses. (February 2026 - Present).

National League of Nursing. (2017 - 2021).

## **Teaching Experience – Texas Woman’s University**

NURS 4022 Nursing Practice Integration Lab II  
NURS 4023 Integrated Clinical Judgement in Nursing Practice Clinical  
NURS 4026 Critical Competency Integration  
NURS 4053 Concepts of Pediatric Nursing  
NURS 4055 Child Health Competencies  
NURS 4091 Concepts of Pediatric Nursing Clinical  
NURS 4602 The Nursing Experience with Groups

## **Directed Student Learning**

### **Supervised Teaching Activity**

(2025 - 2026) "Cardiac Disorders in the Pediatric Population."

(2024 - 2025) "Skin and Infectious Disease in the Pediatric Population Escape Room."

## **Formal Mentoring**

Eisha Hoof (Faculty Member). August 2025 - Present.

Priscilla Rieves (Faculty Member). January 2025 - January 2026.

## **Teaching Innovation and Curriculum Development**

### **New Course**

(2024) Course Manager NURS 4053.

(2024) Course Manager NURS 4091.

## **Publications**

### **Published**

#### **Journal Articles**

##### **Refereed**

Sanders, M. K., Barr, J., Leigh, G. A. (2020). Development and implementation of unfolding pediatric simulations. *Journal of Nursing Education*.

##### **Non-Refereed**

Barr, J., Conners, A., Cowart, C. (2017). Exploring organ donation with families of pediatric patients. *American Nurse Today*.

## **Presentations**

### **Non-Refereed**

Institute, P.-U., "Round Table Discussion," Towards Solving the Problem of Substance Misuse and Addiction among the Youth and Emerging Adults, Austin, TX. (2018). Accepted

### **Oral Presentation**

#### **Refereed**

Kubin, L., Fogg, N., Barr, J., Aguirri, A. B., "Enhancing Clinical Judgment Through AI-Driven Unfolding Case Simulations," International Meeting on Simulation in Healthcare (IMSH 2026), Society for Simulation in Healthcare (SSH), San Antonio, TX. (January 2026).

Kubin, L., Fogg, N., Barr, J., Aguirri, A. B., "Creating Alternative Clinical Experiences with AI in Unfolding Simulations," 2025 NLN Education Summit, National League for Nursing (NLN), Orlando, FL. (September 2025).

Kubin, L., Fogg, N., Barr, J., "Integrating AI-Driven Simulations to Enhance Pediatric Nursing Education," Doswell Health Informatics Conference, Texas Woman's University College of Nursing, Texas Woman's University, Dallas, TX. (April 25, 2025).

### **Poster**

#### **Non-Refereed**

Task Force, A.-M., "The whole is greater than the sum of the parts: An innovative redesign for foundational courses in an accelerated nursing program," Shine Academy Innovations in Health Science Education Conference., Austin, TX. (2018). Accepted

## **Contracts, Fellowships, Grants and Sponsored Research**

### **Funded**

#### **Internal**

(2018) Goldstein, L., "Building Simulation and Skills Lab Capacity," Sponsored by Nursing Innovation Grant Program

(2017) Mackert, M., Pounders, "Texas Prescription Monitoring Program," Sponsored by Texas Health and Human Services Commission

(2016) Mackert, M., "Improving Prenatal Health Communication: Engaging Men via e-Health," Sponsored by UT Austin/Portugal International Collaboratory for Emerging Technologies, CoLab

(2016) Mackert, M., "Tips from Former Smokers YouTube Comment Sentiment and Summary Analysis," Sponsored by Center for Disease Control and Prevention/Research Triangle Institute

## **University Service**

### **Department**

(2024) Development of Undergraduate Professionalism Statement.

### **Chair Elect**

(2025 - Present) College of Nursing Shared Governance.

### **Co-Chair**

(2024 - Present) Search Committee.

### **Committee Co-Chair**

(2024) Dallas Campus Social Committee.

### **Committee Member**

(2024) Dallas College of Nursing Search Committee.

### **Preceptor for Nurse Educator Graduate Student - A.O'Bryan**

(2025 - 2026).

### **Preceptor for Nurse Educator Graduate Student - J.Bird**

(2024 - 2025).

### **Student Recommendations & Career Mentorship**

(2025).

(2024).

(2023).

(2022).

(2021).

(2021).

(2020).

(2019).

(2018).

(2017).

**Task Force-Member**

(2024) Dallas Campus Culture Focus Group.

**College****Chair**

(2026 - Present) Search Committee.

**Committee Co-Chair**

(2017) FNP/PHL Division Sunshine Committee.

**Committee Member**

(2024) Redbud Committee.

(2022) Scholarship Ad Hoc Committee.

(2020) Alternate-Entry MSN Leads Program Admissions Committee.

(2020) Scholarship Committee.

(2019) Alternate-Entry MSN Leads Program Admissions Committee.

(2019) Scholarship Committee.

(2018) Alternate-Entry MSN Leads Program Admissions Committee.

(2018) Scholarship Committee.

(2017) Scholarship Committee.

**Faculty Advisor**

(2023) Pediatric Education, Advocacy, & Service.

(2019) University of Texas Nursing Student Association.

(2018) University of Texas Nursing Student Association.

(2017) University of Texas Nursing Student Association.

**Task Force-Member**

(2023) CCNE Preparation - Standard 2.

**Volunteer**

(2025) Redbud Award Ceremony.

**University**

### **College of Nursing Representative**

(2026 - 2028) Faculty Senate.

### **Volunteer: Institutional**

(2019) Conduct Board Hearing Officer.

(2018) Conduct Board Hearing Officer.

## **Professional Service**

### **APEX IPE Facilitator**

(2025 - Present).

### **Academic Clinical Partnership Facilitator**

(2022 - 2023) IPE Patient Safety Session - in conjunction with Baylor Medical School and University of Houston.

### **Committee Member**

(2025 - Present) IPE Health Equity.

## **Community Service**

### **Committee Member**

(2026) Walnut Grove Elementary School Parent Teacher Organization Nomination Committee.

### **Consultant**

(2023 - Present) Chamblee Ryan Lawfirm.

### **Member**

(2025 - Present) Walnut Grove Elementary Parent Teacher Organization, Southlake, TX.

### **Organizer**

(2022 - 2023) Keller Collegiate Academy TWU Health Sciences Tour and Activities Day.

(2022) Vanguard High School Health Sciences Class Tour and Activities Day.

### **Participant**

(2025 - Present) Carroll Leadership Academy Supporting Success, Southlake, TX.

(2025 - Present) Expert Reader Study, San Marcos, TX.

### **Volunteer**

(2025 - Present) Embrace Grace.

## **Faculty Development Activities Attended**

(2026 - Present) Webinar, "Teaching Excellent Training - Incorporating TeamSTEPPS."

(2026 - Present) Workshop, "AACN Essentials Course Mapping."

(2025 - Present) Online Training, "Nurses as Co-Designers: Shaping AI to Transform Nursing Education," AACN.

(2025 - Present) Workshop, "ExamSoft Champion."

(2026) Workshop, "IPE Teaching Excellence."

(2025) Online Training, "AI in the Classroom," Canva, Grapevine, TX.

(2025) Online Training, "Ally Accessibility Training," TWU, Dallas, TX.

(2025) Online Training, "IPE Teaching Excellence," TWU IPE, Dallas, TX.

(2025) Other Professional Development, "Essentials for Competency-Based Education," AACN, Dallas, TX.

(2023) Professional Development, "Mental Health First Aid," TWU, Dallas, TX.

(2023) Program Initiation, "Pilot Program," EHR Go, Dallas, TX.

(2023) Tutorial, "New Quizzes Trainings (x 3)," Canvas, Dallas, TX.

(2022) Online Training, "Acute Pain Management in Patients with Opioid Use Disorder," UT Austin, Austin, TX.

(2022) Online Training, "Overview of B-Team, Implementation Barriers, and Grow Strategies," UT Austin, Austin, TX.