

## CURRICULUM VITAE

NAME: Amelia Shrader, MSN, RN, CNE

RANK: Clinical Instructor

DATE OF APPOINTMENT: August 2018

PROFESSIONAL REGISTRATION: Registered Nurse AL/MSL (Compact) 1-143150

EMAIL: amelia.shrader@uah.edu

TELEPHONE: (256) 824-2456

### EDUCATION:

In Progress	Ph.D.	The University of Alabama / The University of Alabama in Huntsville Joint Nursing Science Ph.D. Program	Nursing Science
2019	MSN	The University of Alabama in Huntsville	Nursing Administration
2013	BSN	The University of Alabama in Huntsville	Nursing

### OTHER EDUCATIONAL PROGRAMS:

2020	Graduate Certificate	The University of Alabama in Huntsville	Nursing Education
------	----------------------	---	-------------------

### PROFESSIONAL ACADEMIC EXPERIENCE:

2019- Present	Clinical Instructor	The University of Alabama in Huntsville	Teaching
2018-2019	Graduate Teaching Assistant	The University of Alabama in Huntsville	Teaching

### PROFESSIONAL EXPERIENCE:

2021-Present	Staff Nurse	U.S. Space and Rocket Center; Space Camp	Clinical
2020-Present	Private Duty Nurse	Sunbridge Home Health Care, Decatur, AL	Clinical
2016-2020	Clinical Staff Leader, Preceptor, Staff Nurse	Erlanger Health System, Chattanooga, TN; Cardiac Step-Down Unit/ Cardiac Short Stay	Clinical
2018-2019	Staff Nurse	Huntsville Hospital for Women & Children, Huntsville, AL; Float Pool- Pediatric ICU/ Neonatal ICU	Clinical
2014-2016	Staff Nurse	DCH Health System, Tuscaloosa, AL; Neonatal ICU	Clinical

### SCHOLARSHIP:

#### Refereed Paper/Podium Presentations:

2022	<b>Shrader, A.G.</b> (2022, Sept 24). <i>Pediatric Health Considerations for Commercial Spaceflight</i> [Podium presentation/ Panel discussion]. International Congress for Aerospace Medicine, Paris, France.
2022	Florom-Smith, A.L., <b>Shrader, A.G.</b> , Sides, M., DiBiase, C.P., Klingenberger, J.K. (2022, Sept 24). <i>Commercial Spaceflight Passenger Medical Screening: A Scoping Review for Behavioral Health Conditions</i> [Podium presentation/ Panel discussion]. International Congress of Aerospace Medicine, Paris, France.

2021 **Shrader, A.G.** & Lioce, L. (2021, April 6). *Using escape rooms to breathe life into pathophysiology concepts* [Podium presentation]. Alabama League for Nursing, Virtual Conference.

Refereed Poster Presentations:

2022 **Shrader, A.G.** & Johnson, P.J. (2022). *The key to advancing human spaceflight: Promoting health research in the cosmos* [Poster]. Graduate Nursing Student Association Conference, Washington, D.C.

2021 **Shrader, A.G.** & Davis, R. (2021, August). *Collaborative quizzing: Building clinical judgment in the classroom* [Poster presentation]. NurseTim Nuts & Bolts Conference for Nurse Educators, Minneapolis, Minnesota.

Presentations:

2019 **Shrader, A.G.** (2019, May). *Retention of nurses at the bedside*. [Virtual presentation of master's project]. The University of Alabama in Huntsville, Huntsville, AL.

**SERVICE:**

College:

2020- Present Nursing and Aerospace Committee, Member

2020- 2021 Sigma Theta Tau, Beta Phi Chapter, Vice-President  
Nursing and Aerospace Committee, Member  
Nursing Sunshine Ad-Hoc Committee, Member  
UR-STAR Sub-Committee, Member and Faculty-Student Mentor

2019 Sigma Theta Tau, Beta Phi Chapter, Interim Vice-President  
UR-STAR Sub-Committee, Member and Faculty-Student Mentor  
Tropospheric Emissions: Monitoring of Pollution (TEMPO) Health Applications Conference, Planner  
Applied Remote Sensing Training (ARSET), Planner

2012-2013 UAH Association of Nursing Students active member

Professional:

2021-Present AsMA Ad Hoc Committee for Commercial Spaceflight

2019 Erlanger Health System Annual Review Day Lecturer

2017-2019 No One Dies Alone volunteer

Community:

2013 Madison County Emergency Management Agency Airport Full-Scale Exercise volunteer

2012 CASA of Madison County volunteer

**TEACHING:**

Fall 2022 NUR 404: Family-Centered Nursing Care of Children, Course Manager/ Clinical Faculty  
NUR 304: Applied Pathophysiology, Instructor

Spring 2022 NUR 404: Family-Centered Nursing Care of Children, Course Manager/ Clinical Faculty  
NUR 403: Maternal-Infant Nursing, Guest Lecturer

Fall 2021 NUR 304: Applied Pathophysiology, Instructor  
NUR 404: Family-Centered Nursing Care of Children, Instructor/ Clinical Faculty

Spring 2021 NUR 304: Applied Pathophysiology, Instructor  
NUR 404: Family-Centered Nursing Care of Children, Instructor/ Clinical Faculty  
NUR 303: Health Assessment, Clinical Faculty

- Fall 2020 NUR 304: Applied Pathophysiology, Instructor  
 NUR 308: Nursing Care of Adults with Alterations in Health, Clinical Faculty  
 NUR 404: Family-Centered Nursing Care of Children, Instructor
- Spring 2020 NUR 304: Applied Pathophysiology, Instructor  
 NUR 308: Nursing Care of Adults with Alterations in Health, Clinical Faculty  
 NUR 310: Professional Practice Nursing I, Clinical Faculty
- Fall 2019 NUR 303: Health Assessment, Clinical Faculty  
 NUR 310: Professional Practice Nursing I, Clinical Faculty  
 NUR 405: Community Health, Practicum, Guest Lecturer  
 NUR 407: Professional Nursing Leadership, Practicum
- 2018- 2019 NUR 308: Nursing Care of Adults with Alterations in Health, Clinical Supervisor

**CERTIFICATIONS:**

- 2021-Present Certified Nurse Educator, National League for Nursing  
 2012- Present Mental Health First Aid Certification  
 2018- 2020 Pediatric Advanced Life Support (PALS)  
 2018- 2020 Cardiac S.T.A.B.L.E.  
 2018- 2020 S.T.A.B.L.E  
 2015- 2020 Neonatal Resuscitation Provider (NRP)  
 2014- 2020 Advanced Cardiac Life Support (ACLS)  
 2011-Present Basic Life Support for Healthcare Providers (BLS)  
 2016-2018 NIHSS for Critical Care Providers  
 2013 Federal Emergency Management Agency Incident Command Systems 100

**HONORS AND AWARDS:**

- 2022 Dean's List, University of Alabama College of Nursing  
 2021 TRISH Aerospace Nursing and Allied Health Sciences Award  
 2021 Dean's List, University of Alabama College of Nursing  
 2020 Dean's List, University of Alabama College of Nursing  
 2014 The Daisy Award for Extraordinary Nurses nomination  
 2013 Inducted into National Society of Leadership and Success

**PROFESSIONAL ORGANIZATIONS**

- 2022-Present Space Nursing Society  
 2021- Present Aerospace Medical Association (AsMA)  
 2021- Present Aerospace Nursing and Allied Health Professionals Society (ANAHPS)  
 2019- Present National League for Nursing (NLN)  
 2019- Present Alabama League for Nursing (ALN)  
 2019-Present Sigma Theta Tau International (STTI)  
 2014- Present American Nurses Association (ANA)  
 2014- Present Alabama State Nurses Association (ASNA)  
 2017- Present American Association for the History of Nursing (AAHN)  
 2012-2013 National Student Nurses Association (NSNA)  
 2012-2013 Alabama Association of Nursing Students (AANS)

**OTHER PROFESSIONAL ACTIVITIES:**

- 2015 University Health Consortium/ American Association of Colleges of Nursing (UHC/AACN)  
 Nurse Residency Program completion, DCH Regional Medical Center, Tuscaloosa, AL

**CONTINUING EDUCATION:**

- 2022 Graduate Nursing Student Association Conference. Washington, D.C.
- 2022 92nd Aerospace Medical Association Annual Scientific Meeting. Reno, Nevada. (May)
- 2021 91st Aerospace Medical Association Annual Scientific Meeting. Denver, Colorado (August-September)
- 2021 NurseTim, Inc. Nuts and Bolts Conference. Minneapolis, Minnesota. (August)
- 2021 NurseTim, Inc. Concept-Based Curriculum Reboot. The University of Alabama in Huntsville, AL. (May)
- 2021 Alabama League for Nursing. Teaching in a Time of Crisis. The University of Alabama in Huntsville. [Virtual Conference]. (April)
- 2020 Alabama Board of Nursing. A Century of Nursing in Alabama. [Online Course]. (November)
- 2020 Alabama Board of Nursing. Delegation and Assignment: Definitions and the Application of ABN Rules. [Online Course]. (November)
- 2020 Alabama Board of Nursing. Conduct and Accountability. [Online Course]. (November)
- 2020 Alabama Board of Nursing. Continuing Education Regulations. [Online Course]. (November)
- 2020 Alabama Board of Nursing. Licensure Regulations. [Online Course]. (November)
- 2020 Alabama Board of Nursing. Board Functions. [Online Course]. (November)
- 2020 Alabama Board of Nursing. Nurse Practice Act. [Online Course]. (November)
- 2020 Alabama Board of Nursing. [Online Course]. (November)
- 2020 University of Chester. Alert to the Necessities of the Emergency: U.S. Nursing During the 1918 Influenza Pandemic. [Virtual Presentation]. (November)
- 2020 Nurse Tim, Inc. NCLEX Nuggets for Faculty: Throwing Out a Test Item. [Virtual Presentation]. (November).
- 2020 Wolters Kluwer Nursing. Strategies for Teaching and Assessing Students' Nursing Clinical Judgment Skills. [Webinar]. (November)
- 2020

- Wolf-Kuhn Ethics Institute at Saint Francis University. Teaching Clinical Ethics and COVID-19. [Webinar]. (July)
- 2020 The UT Health San Antonio Joe R. and Teresa Lozano Long School of Medicine. Women and Substance Abuse Use: Understanding Stigma and Navigating the Continuum of Care. [Virtual Presentation]. (June).
- 2020 Dandle-Lion Medical. Complementary Therapies in the Neonatal Intensive Care Unit. [Webinar]. (February).
- 2019 Nurse Tim, Inc. CBC from the Ground Up- How Did We Get Here? Part 1. [Online Course]. (November)
- 2019 Nurse Tim, Inc. CBC Implementation: The Lived Experience. [Online Course]. (November)
- 2019 Nurse Tim, Inc. Time Management Strategies for the Busy Nurse Educator: Making the Most of your 24-Hour Day. [Online Course]. (November)
- 2019 The University of Alabama in Huntsville. TEMPO Public Health Conference. Huntsville, AL. (October)
- 2019 United States Department of Health and Human Services. Culturally Competent Nursing Care: A Cornerstone of Caring. [Online Course]. (August)
- 2019 Huntsville Hospital. PICU Fundamentals Series. Huntsville, AL. (May)
- 2019 Huntsville Hospital. Pediatric Education Series: 2019 Skills Competency Evaluation. Huntsville, AL. (April)
- 2019 Huntsville Hospital. Improving Hand Hygiene Practices in Health Care Settings. [Online Module]. (February)
- 2018 Huntsville Hospital. Pain Management. [Online Module]. (December)
- 2018 Huntsville Hospital. Pediatric Education Series: RSV/ Bronchiolitis. Huntsville, AL. (September)
- 2018 Huntsville Hospital. Pediatric Critical Care Series: Pediatric Trauma. Huntsville, AL. (July)
- 2018 Huntsville Hospital. Neonatal 101 Day 1. Huntsville, AL. (July)
- 2018 Huntsville Hospital. Neonatal 101 Day 2. Huntsville, AL. (July)
- 2018 Huntsville Hospital. Neonatal 101 Day 3. Huntsville, AL. (July)
- 2018

- 2018 Lippincott Professional Development. Procedural Sedation, Pediatric: Monitoring and Care. [Online Module]. (June)
- 2018 Huntsville Hospital. Positioning the Neonate for the Best Outcome. Huntsville, AL. (June)
- 2018 Huntsville Hospital. Neonatal Education Series: Therapies in the NICU. Huntsville, AL. (June)
- 2018 Huntsville Hospital. Your Patient is Going South and It is NOT to the Beach! Huntsville, AL. (May)
- 2018 Huntsville Hospital. Newborn Jaundice for Licensed Personnel. [Online Module]. (May)
- 2018 Huntsville Hospital. Infection in the Newborn. [Online Module]. (May)
- 2018 Huntsville Hospital. Pierre Robin Sequence. [Online Module]. (May)
- 2018 Huntsville Hospital. Successful Infant Feeding Strategies. [Online Module]. (May)
- 2018 Huntsville Hospital. Pulmonary Hypertension in the Newborn [Online Module]. (May)
- 2018 Huntsville Hospital. Thermoregulation in the Newborn. [Online Module]. (May)
- 2018 Huntsville Hospital. Nasal CPAP. [Online Module]. (May)
- 2018 Huntsville Hospital. Focus on Fentanyl Analgesia. [Online Module]. (May)
- 2018 Huntsville Hospital. Good Clinical Practice and Human Subject Protection Training. [Online Module]. (April)
- 2018 Huntsville Hospital. Immunization Administration. [Online Module]. (April)
- 2018 Huntsville Hospital. Obesity Sensitivity Training. [Online Module]. (April)
- 2018 Huntsville Hospital. Malignant Hyperthermia: Managing the Crisis. [Online Module]. (April)
- 2018 Huntsville Hospital. Pediatric Education Series: Interpreting a CBC. Huntsville, AL. (April)
- 2018 Erlanger Heart and Lung Institute. Southeastern Symposium on Cardiac Innovation. Chattanooga, TN. (February)
- 2017 Preventive Cardiovascular Nurses Association. Heart Health and Brain Health: Same Formula? [Webinar]. (August)

- 2017 Preventive Cardiovascular Nurses Association. Brain Attack: Transitions from Acute Care to Home or Rehabilitation. [Webinar]. (August)
- 2017 Preventive Cardiovascular Nurses Association. Incorporating Novel Approaches for Lipid Management. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Optimizing Antiplatelet Therapy in the High-Risk Cardiovascular Patient. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Proactive Management of Afib: Prevention and Early Identification. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Public Health Approaches to Decreasing Dietary Sodium Intake: A CDC Perspective. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Sex and Gender Influences on CVD Management of Women [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Heart Failure: Hospital to Home and Hopefully Not Back. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Management of Patients with VTE: A Case-Based Approach. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Race and Ethnicity: Impact on Heart Disease. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Cardiovascular Disease to Health: Journey of the High Risk Plaque. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Management of Pregnancy in Women with Heart Disease. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Plant-Based Diet: What's in it for the Planet and the Patient? [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. The Post-ACS Patient: Adherence to Critical Therapies in the Short- and Long-Term. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Secondary Prevention Cocktail: The Key Ingredients; Lipid Treatment Beyond Standard Therapy: New Tools for the Challenging Patient; Managing VTE: Matching Patient Need to Optimal Therapy. [Webinar]. (July)
- 2017 Preventive Cardiovascular Nurses Association. Clinical Significance of Non-Invasive Imaging. [Webinar]. (July)
- 2016 Erlanger Health System. NIH Stroke Scale. Chattanooga, TN. (November)

- National Institute of Child Health and Human Development. Continuing Education Program on SIDS Risk Reduction. [Online Module]. (July)
- 2015 Association of Women's Health, Obstetric, and Neonatal Nurses. Metabolic and Nutritional Support. Neonatal Orientation and Education Program Modules. [Online Module]. (May)
- 2015 Association of Women's Health, Obstetric, and Neonatal Nurses. Issues Affecting the Late Preterm Infant. Neonatal Orientation and Education Program Modules. [Online Module]. (May)
- 2015 Association of Women's Health, Obstetric, and Neonatal Nurses. The Respiratory System. Neonatal Orientation and Education Program Modules. [Online Module]. (April)
- 2015 Association of Women's Health, Obstetric, and Neonatal Nurses. Transition to Extrauterine Life. Neonatal Orientation and Education Program Modules. [Online Module]. (February)
- 2015 DCH Health System. ABC's of ABG's. [Online Module]. (February)
- 2014 DCH Health System. Professional Development/ Professional Organizations & Certifications. Tuscaloosa, AL. (December)
- 2014 DCH Health System. Evidence-Based Skin & Wound Care/ Evidence-Based Infection Prevention & Control. Tuscaloosa, AL. (October)
- 2014 DCH Health System. Cultural Competence in the Nursing Care Environment/ Ethical Decision Making. Tuscaloosa, AL. (September)
- 2014 American Association of Critical Care Nurses. Basic Concepts of Device Management. Medtronic, Inc. Tuscaloosa, AL. (June)
- 2014 DCH Health System. Management of the Changing Patient Condition. Tuscaloosa, AL. (June)
- 2014 DCH Health System. And the Beat Goes On: Focus on Dysrhythmias. Tuscaloosa, AL. (June)
- 2014 DCH Health System. Twisting Your Disaster Plan. Tuscaloosa, AL. (May)
- 2014 DCH Health System. Leadership: Managing the Delivery of Care. Tuscaloosa, AL. (April)
- 2014 DCH Health System. Accountability: Speak Up for Safety. Tuscaloosa, AL. (February)



2014

DCH Health System. Law & Order: EBP. Tuscaloosa, AL. (January)