CURRICULUM VITAE

Sarah Jane Rhoads, PhD, DNP, WHNP-BC, RNC-OB, APRN, FAAN

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EDUCATION:

University of Arkansas for Medical Sciences (6/1993-5/1995), BSN, May 20, 1995. University of Arkansas for Medical Sciences (8/1997-5/2000), MNSc, May 20, 2000. University of Tennessee Health Science Center (7/2004-12/2006), DNP, December 1, 2006. University of Arkansas for Medical Sciences (8/2007-5/2013), PhD, May 18, 2013.

HONORS/AWARDS:

Professional:

- Fellow, American Academy of Nursing, 2017
- Great 100 Nurses of Arkansas, 2017
- Academy Edge Runner, American Academy of Nursing, 2016
- Robert Wood Johnson Foundation Interdisciplinary Research Leader (Fellow), 2016-19
- Emerging Edge Runner, American Academy of Nursing, 2015
- University of Arkansas for Medical Sciences Phenomenal Woman Award, 2015
- Innovative Program Paper Award, Association of Women's Health Obstetric, and Neonatal Nurses, 2010
- Maternal Child Leadership Program, Mentor, Sigma Theta Tau International, 2010
- Fostering Professional Standards, (peer elected award), Gamma Xi Chapter, Sigma Theta Tau International, 2009
- Nurse of the Year, Arkansas Nurses Association, 2006
- Award for Excellence in Mentorship, (Peer Elected Award), Gamma Xi Chapter, Sigma Theta Tau International, 2004
- Award for Best Nominating Committee 2004 AR Section, Rhoads nominating committee chair, National Award from Association of Women's Health, Obstetric and Neonatal Nurses, 2004

Educational (Faculty):

- Chancellor's Excellence in Teaching Award, University of Arkansas for Medical Sciences, 2005
- Faculty Excellence Award for Clinical Teaching, (Peer Elected Award), College of Nursing, University of Arkansas for Medical Sciences, 2005
- Faculty Excellence Award for Service, (Peer Elected Award), College of Nursing, University of Arkansas for Medical Sciences, 2003

Most Supportive Faculty, (Student Elected Award), College of Nursing, University of Arkansas for Medical Sciences, 2002

Educational (Student):

ATA 2014 Student Paper Award – Top 5 Finalist, American Telemedicine Association, 2014 Esteemed Alumni, College of Nursing, University of Arkansas for Medical Sciences, 2013 Eric Ashworth Hodges Award for Best Dissertation, College of Nursing, University of Arkansas for Medical Sciences, 2013

Honorable Mention, Student Poster Session, Southern Nursing Research Society, 2007

BOARD CERTIFICATION:

The National Certification Corporation (NCC) # RHO1-0429-2618 NCC: Women's Health Nurse Practitioner, June 30, 2000 – September 15, 2024 NCC: Inpatient Obstetric Nurse, June 22, 2001 – June 15, 2025

LICENSURE:

Advanced Practice Registered Nurse / Certified Nurse Practitioner Arkansas License # A001501, August 2000 – October 31, 2022 Tennessee License # 28252, October 21, 2020 – October 31, 2022 Registered Nurse Tennessee License # 249116, September 25, 2020 – October 31, 2022 National Provider Identifier 1326200213

SOCIETY MEMBERSHIPS AND ACTIVITIES (Selected):

Association of Women's Health, Obstetric, and Neonatal Nurses (Membership #702675) 2020 Annual Convention Program Committee, 2019-2020 Nominating Committee (National) 2019-2020 AWHONN Board of Directors, 2015-2017 AWHONN Finance Committee, Member, 2015-2017 AWHONN Awards of Excellence Committee, Member, 2016-2017 Emerging Leaders Program Review Committee, Member, 2017 AWHONN Board of Directors Candidate, 2014 AWHONN FHM Instructor Trainer (only one in AR from 2009-2013) Arkansas Section Chair, 2007-2009, 2009-2011 Moderator, AWHONN National Convention 2017, New Orleans, LA Moderator, AWHONN National Convention 2016, Grapevine, TX Moderator, AWHONN National Convention 2015, San Jose, CA Moderator, AWHONN National Convention 2009, San Diego, CA Moderator, AWHONN National Convention 2008, Los Angeles, CA Moderator, AWHONN National Convention 2007, Orlando, FL AR Section Rep., 2006 Leadership Conference, Washington, DC Continuing education and product reviewer, 2006 Education Coordinator, Arkansas Section, 2006 Fetal Heart Monitoring Principles and Practices Instructor, 2003-2017 Nominating Committee, Chair, Arkansas Section, 2004-2005 Planning Committee, member, 2002, 2003 Annual State Conferences

Planning Committee, Co-Chair, 2001 Annual State Conference Nominating Committee, Chair, Arkansas Section, 1999-2000 AR Section Rep., 2000 Leadership Conference, Washington, DC Newsletter Editor, Arkansas Section, 2000-2003 Member, 1999-present American Academy of Nursing (Membership #9427) Fellow, 2017 Edge Runner, 2016 American Nurses Association/Arkansas Nurses Association/Tennessee Nurses Association (Membership #00768312) Connected Health/Telehealth Steering Committee (National), 2017-2019 Continuing Education Committee Nurse Planner, 2010-2014 Continuing Education Review Panel, 2004-2013 District 10 Delegate, 2004 Annual State Conference Planning Committee, member, 2003 Annual State Conference District 10 Delegate, 2003 Annual State Conference Vice-President, District 10, Arkansas Nurses Association, 2001-2003 District 10, Alternate Delegate, 2002 Annual Board Meeting Planning Committee, member, 2001 Annual Conference Member, 1999-present Sigma Theta Tau International (Membership #0333962) Moderator, Sigma's 33rd International Nursing Research Congress, Edinburgh, July 2022 Maternal Child Health Nurse Leadership Academy, Faculty, 2018-2019 Moderator, Sigma's 30th International Nursing Research Congress, Alberta, July 2019 Maternal Child Leadership Program, Mentor, 2010-2011 Eligibility Committee, Chair, Senior Counselor for Gamma Xi, 2002-2004 Nominating Committee, member, 2003 Junior Nursing Class Counselor, 2001 Gamma Xi Chapter, 1998-present Member, 1998-present Perinatal Quality Improvement Editorial Advisory Board, 2017-present Member, 2016-present Rural Nurse Organization Member, 2018-present Rural Health Association of Tennessee Member, 2019-present Rural Health Association of Arkansas Member, 2020-present Southern Nursing Research Society (Membership #003730) Abstract Reviewer, SNRS 2020 Annual Conference Member, 2006-present Society for Education and the Advancement of Research in Connected Health Abstract Reviewer, SEARCH 2023 Conference Abstract Reviewer, SEARCH 2022 Conference Abstract Reviewer, SEARCH 2021 Conference

Abstract Reviewer, SEARCH 2020 Conference Abstract Reviewer, SEARCH 2019 Conference Member, 2019-present UNIVERSITY (AND COLLEGE) APPOINTMENTS: Chair, Department of Community and Population Health, College of Nursing January 2022-present Professor, University of Tennessee Health Science Center, College of Nursing, Department of Health Promotion and Disease Prevention, Memphis, TN August 2018-present Professor (Joint Appointment), University of Tennessee Health Science Center, College of Medicine, Department of OB/GYN, Memphis, TN College of Graduate Health Sciences, Memphis, TN November 2018-present Affiliated Faculty, Center for Health System Improvement, University of Tennessee Health Science Center, Memphis, TN August 2020- present Adjunct Faculty, University of Arkansas for Medical Sciences, College of Nursing July 2018-present Associate Professor, Tenured (Clinical Educator), College of Medicine, Department of Obstetrics & Gynecology, University of Arkansas for Medical Sciences, Little Rock, AR July 2015-July 2018 Associate Professor (Secondary Appointment), College of Nursing, University of Arkansas for Medical Sciences, Little Rock July 2015-July 2018 Assistant Professor (Clinical Educator), College of Medicine, Department of Obstetrics & Gynecology, University of Arkansas for Medical Sciences, Little Rock, AR January 2010-July 2015 Assistant Professor (adjunct), College of Nursing, University of Arkansas for Medical Sciences, Little Rock, AR January 2014-July 2015 Affiliate Graduate Faculty Status, University of Arkansas at Little Rock, Little Rock, AR 2015 - 2016 Graduate Faculty Appointment, Graduate School, University of Arkansas for Medical Sciences, Little Rock, AR July 2003-July 2018 Clinical Associate Professor, College of Nursing, Practice Department, University of Arkansas for Medical Sciences, Little Rock, AR July 2009-December 2010 Clinical Assistant Professor, College of Nursing, Practice Department, University of Arkansas for Medical Sciences, Little Rock, AR July 2002 - June 2009 Clinical Instructor, College of Nursing, Education Department, University of Arkansas for Medical Sciences, Little Rock, AR August 2000 - June 2002 Assistant Clinical Instructor, College of Nursing, Education Department, University of Arkansas for Medical Sciences, Little Rock, AR

August 1999 - June 2000 HOSPITAL/CLINICAL APPOINTMENTS: Women's Health Nurse Practitioner Arkansas Department of Health, Family Planning Clinic, Little Rock, AR 2008-2011 University Women's Clinic, University of Arkansas for Medical Sciences, Little Rock, AR 2008-2011 Central High School Family Planning Clinic, Little Rock, AR 2008-2011 Arkansas Department of Health / Guadalupe Prenatal Clinic, Little Rock, AR 2001-2004 North Little Rock Health Department, North Little Rock, AR 2001-2004 Registered Nurse Registered Nurse II, University Hospital, PRN Pool Maternal/Infant Division, Little Rock, AR 1998-2002 Registered Nurse I, II, University Hospital, Labor and Delivery, Little Rock, AR 1995-1998 PRACTICE/PROFESSIONAL EXPERIENCE: Director/Primary Investigator, South Central Telehealth Resource Center, Arkansas, Mississippi, Tennessee

- 2010-2018
- Education Director, Center for Distance Health and ANGELS, University of Arkansas for Medical Sciences, Little Rock, AR

2014-2018

Director of Nursing Education, Rural Hospital Program / Center for Rural Health, UAMS, Little Rock, AR

2007-2010

Women's Health Specialty Coordinator for the Master's in Nursing Science Program, College of Nursing, UAMS, Little Rock, AR 2003-2009

TEACHING EXPERIENCE:

Teaching Innovation and Interprofessional Education

- Content Expert, Introduction to Virtual Care for Health Care Providers and Students (3 modules Intro to Telehealth, Telehealth Etiquette, and Telehealth Legal and Ethical Issues). Housed on CE Now at <u>https://cenow.uthsc.edu/content/intro-virtual-care</u>. Launched July 1, 2022.
- Content Expert Committee, Preceptor Training for the Advanced Practice Nurse. Housed on CE Now at <u>https://cenow.uthsc.edu/preceptor_training_apn</u>. Launched May 1, 2021.
- Content Expert Committee, Preceptor Training (4 modules Core Principles, Learning Styles, Communication Techniques, and Planning/Evaluation). Housed on CE Now at <u>https://cenow.uthsc.edu/content/preceptor-training</u>. Launched June 15, 2022.

Invited Lectures (since 2018)

- 1. **Rhoads, S.** (2023, February). Considerations in the Conduct of Community-Based and Rural Research. NSG 934 Theoretical and Methodological Issues for Clinical Nursing Research. University of Tennessee Health Science Center, Memphis, TN.
- 2. **Rhoads, S.** (2022, November 21). Letter of Intent requirements for Patient Centered Outcomes Research Institute (PCORI). NSG 919 Nursing Science Seminar, UTHSC, Memphis, TN.
- 3. **Rhoads, S.** (2022, September). Virtual Care Bridging the Gaps in Health Care Services. SWRK 7155/8155 School of Social Work, University of Memphis, Memphis, TN.
- 4. **Rhoads, S.** (2022, February). Considerations in the Conduct of Community-Based and Rural Research. NSG 934 Theoretical and Methodological Issues for Clinical Nursing Research. Memphis, TN.
- 5. **Rhoads, S.** (2021, September). Finding Your Passion and Relevance in Research. NSG 919 Nursing Science Seminar. University of Tennessee Health Science Center, Memphis, TN.
- Rhoads, S.J. (2021, March) Community Engaged Research and Lessons Learned from Implementation of a Comparative Effectiveness Trial during COVID-19. NSG 934 Theoretical and Methodological Issues for Clinical Nursing Research. University of Tennessee Health Science Center, Memphis, TN.
- 7. **Rhoads, S.J.** (2019, February) Community Engaged Research and Technology Use in Research. NSG 934 Theoretical and Methodological Issues for Clinical Nursing Research. University of Tennessee Health Science Center, Memphis, TN.

Graduate, University of Tennessee Health Science Center

NSG 819 Evaluation of Practice Faculty – Spring 2020 Faculty – Spring 2021

Graduate, University of Arkansas for Medical Sciences
Reproductive Health Theory
Course Coordinator & Faculty – 2003-2009
Reproductive Health Practicum
Course Coordinator & Faculty – 2003-2009
Gynecologic (GYN) Health Theory
Course Coordinator & Faculty – 2002-2009
Primary Care in Women's Health (WH)
Course Coordinator & Faculty – 2002-2009
Management of Gynecologic Health and Primary Care in WH Practicum
Course Coordinator & Faculty – 2002-2008, Faculty 2009
Health Assessment – Faculty 2002

Undergraduate, University of Arkansas for Medical Sciences

NSG 414 Evidence-Based Practice: Concepts of Scientific Inquiry & Evaluation – Summer Faculty Mentor for Research Internship Spring 2019 Spring 2020

Undergraduate, University of Arkansas for Medical Sciences	
Leadership U	
Faculty – 2007-2008	
Health Assessment	
Faculty 2003-2005	
Childbearing Family Theory and Practicum	
Course Coordinator & Faculty 2000-2002, Faculty 1999	
Foundations II Practicum	
Course Coordinator & Faculty 2000-2002, Faculty 1999	
COMMITTEES AND OFFICES HELD (Selected):	
University of Tennessee Health Science Center	
Public Service and Community Engagement Pillar Workgroup	2022-2023
Co-Chair (part of UTHSC Strategic Planning)	
College of Nursing, Faculty and Staff Awards Committee	2022-present
Tennessee Population Health Consortium, Executive Council	2021-present
College of Nursing, Research Planning Committee, Member	2021-2022
Institutional grant reviewer pool, reviewer	2020-present
UTHSC CORNET Grant, reviewer	2020-present
College of Graduate Health Sciences Credentialing Committee, member	2019-present
Tennessee Clinical and Translational Science Institute	• • • •
T3/T4 Implementation Team, member	2019-present
Director, Community and Collaboration Core	2019-2022
Director, Community and Stakeholder Engagement Research	2022-present
College of Nursing Appointment, Promotion, & Tenure Committee,	2010
member	2018-present
College of Nursing PhD Faculty Committee, member	2018-present
College of Nursing All-Faculty Committee, member	2018-present
University of Arkansas for Medical Sciences	
Adult-Gerontology Primary Care Nurse Practitioner Program	2010 2020
Advisory Board Meeting, member	2018-2020
Regional, National, and International Committee and Offices:	
Arkansas Birthing Project	
Board Member	2019-present
Perinatal Quality Improvement	
Editorial Board	2017-present
Health Resources and Services Administration (HRSA)	
Grant Reviewer	2020-present
Maternal Child Health Bureau	0010 0001
Pregnancy Monitoring Challenge, Faculty Advisor	2018-2021
Mentee won the Pregnancy Monitoring Challenge Bureau of Health Workforce	2021

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Community-Based Training Peer Learning Team	2019-2021
Rural Health Peer Learning Team	2019-2021
Robert Wood Johnson Foundation	
Annual Leadership Institute, Committee	2019-2020
Breastfeeding Promotion Workgroup (Arkansas), Member	2013-2018
Arkansas Breastfeeding Conference Committee, Member	2013-2018
Arkansas Center for Nursing (previously known as the Arkansas Action	Coalition: Future
of Nursing),	
Member,	2012-2018
Education Sub-Committee Member	2012-2018
Leadership Sub-Committee Member	2016-2018
March of Dimes (Arkansas)	
Grants Subcommittee, member	2006-2018
Prematurity Campaign Committee, member	2003-2018
Program Services Committee, member	2005-2020
Breastfeeding Promotion Workgroup (Arkansas Department of Health)	
Member	2013-2018
Arkansas Partnership for Better Breastfeeding & Baby Friendly Commit	
Member	2014-2018
Arkansas Folic Acid Coalition	
Member	2012-2018
Text4baby Partners' Meeting, Arkansas Department of Health	
Member	2014-2016

VISITING PROFESSORSHIPS AND INVITED LECTURES:

National (Invited Presentations and Posters)

- 1. **Rhoads, S.** (2022, May 23) Community-based Participatory Research and Research Methods: Conducting Inclusive Research. Council for the Advancement of Nursing Science (CANS). Webinar.
- 2. **Rhoads, S.** (2021, August 18) Hello, Your Virtual Nurse Will See You Now. American Nurses Association. Webinar.
- 3. Panel Presentation (2021, August 12) Virtual Connections: Compassionate Care with the Use of Technology. National Reproductive Health Title X Conference, National Clinical Training Center for Family Planning. Virtual.
- 4. Bingham, D., Bellflower, B., Romano, A. & **Rhoads, S.** (2021, June 8). Implementing Perinatal Quality Improvement. Perinatal Quality Improvement. Webinar.
- 5. **Rhoads, S.** (2020, October 17) Virtual Care For Women: Best practices for telemedicine. 23rd Annual Premier Women's Healthcare Virtual Conference.
- 6. **Rhoads, S.** & Harris, Z.⁺ (2020, September 4). Collaborative Partnerships to Promote Action-Oriented Research. Memphis, TN.
- 7. Bingham, D. & **Rhoads, S.** (2019, October). Implementing Perinatal Quality Improvement. Perinatal Quality Improvement. Dallas, TX.
- 8. Persia, K.*, Grumski, T., **Rhoads, S. J.** (2019, November) Facilitating Support for Parents of Children Who Have Been Newly Diagnosed With Diabetes (Poster), Sigma Theta Tau International Biennial Convention, Washington DC, United States.

- 9. Moroz, M., Gettings, A., **Rhoads, S. J.** (2019, November) Improving Continuity of Care/Interconception Planning for Women During the Post- Natal Period via Telephonic Case Management (poster), Sigma Theta Tau International Biennial Convention, Washington DC, United States.
- 10. Bingham, D. & **Rhoads, S.** (2019, March). Implementing Perinatal Quality Improvement. Perinatal Quality Improvement. New York, NY.
- 11. **Rhoads, S.** (2018, November) Demonstrating the costs of health care innovations. Catalysts for change Innovation Summit. American Academy of Nursing 2018 Transforming Health, Driving Policy Conference, Washington, D.C.
- 12. Harris, Z.⁺ & **Rhoads, S.** (2018, October) Speak up for Black and African American Women. Interdisciplinary Research Leaders Minnesota Leadership Meeting. Minneapolis, MN.
- 13. **Rhoads, S.** (2018, October) Using Connected Health Technology and Telehealth to Improve Perinatal Access and Quality in Rural Areas. Gold Perinatal Online Conference, Webinar.
- 14. Harris, Z. ⁺ & **Rhoads, S.** (2018, October) Using Technology to Enhance the Birthing Project. Birthing Project Annual Meeting. San Diego, CA.
- 15. **Rhoads, S.** (2018, October) Utilizing Connected Health Technology and Telehealth to Improve Perinatal Access and Quality in Rural Areas. Gold Perinatal Conference. Webinar.
- 16. Rhoads, S. (2018, May) Using Connected Health Technology to Keep Families Together in the Neonatal Intensive Care Unit. American Nurses Association (ANA) Connect Health/Telehealth Professional Issues Panel Webinar – Bringing the ANA Core Principles on Telehealth into Motion.
- 17. **Rhoads, S.** (2018, February) Perinatal Quality Improvement Utilizing Telehealth and Connected Health. Perinatal Quality Improvement Champions Webinar Series.
- 18. Rhoads, S.J., Hilliard, M.A., Calmus, D. & Wein, E. (2017, September) Are you Ready for Telehealth? The ever-changing regulatory implications (panel discussion). What's Now and What's Next in the Telehealth Industry. Bloomberg BNA & Baker Ober Health Law, Washington, D.C.
- 19. **Rhoads, S.J** (2017, April) Telemedicine Research and Overcoming Barriers. Society for Education and the Advancement of Research in Connected Health (SEARCH), Leesburg, VA.
- 20. **Rhoads, S.J.** & Manzanero, N. (2017, February). Rural Technical Assistance for Telehealth. HIMSS 2017, Orlando, FL.
- 21. **Rhoads, S.J.** & Jones, B. (2016, November). Telehealth and Chronic Disease Prevention and Management. Avizia Webinar.
- 22. Lowery, C.L., Benton, T., Smith, B. & **Rhoads, S.** (2016, July). Telehealth and Obstetrical Care. National Institute for Children's Health Quality (NICHQ) Webinar.
- 23. Telehealth Resource Center Panel Presentation (2016, June). National Consortium of Telehealth Resource Centers. HRSA.
- 24. **Rhoads, S.**, McKee, K., & Bush, E.* (2016, April). American Nursing Informatics Association 2016 Conference. San Francisco, CA.
- 25. Kwong, M., Spargo, G. & **Rhoads, S.** (2016, March 31). Thursday Town Hall Telehealth: Changing the Delivery and Education of Today's Health Care. HRSA Health Workforce. <u>http://bhw.hrsa.gov/nursing/nph_resources.html</u>
- 26. **Rhoads, S.** (2016, February) Transforming Care Through Technology. HIMSS16 Nursing Informatics Symposium. Las Vegas, NV.

- 27. **Rhoads, S.** (2015, July 28) Maternal and Neonatal Telehealth Program Models, Resources and Tools. Connecting Across Professions, SCTRC Thought Symposium, and Upper Midwest Telehealth Resource Center Webinar.
- 28. **Rhoads, S.J.,** Richards, J. & Cilenti, D. (2013, May 3) Distance Learning: Impact and Investments. HRSA Maternal Child Health: Distance Learning First Fridays Webinars.
- 29. Cilenti, D., Deere, D., Richards, J., **Rhoads, S.J.** (2013, March 1) Interdisciplinary professional training and systems integration through distance learning. HRSA Maternal Child Health: Distance Learning First Fridays Webinars.
- 30. **Rhoads, S.J.,** Richards, J. & Cilenti, D. (2013, January 4) Distance Learning: How to improve retention and promote evidence-based practice. HRSA Maternal Child Health: Distance Learning First Fridays Webinars.
- Richards, J., Cilenti, D. & Rhoads, S. J. (2012, December 7) Distance Learning: Innovation with Technology. HRSA Maternal Child Health: Distance Learning – First Fridays Webinars.
- 32. **Rhoads, S. J.** (2012, November) AETC Telehealth Training Program: Advancing training through Telehealth Technology (invited oral panel presentation) 2012 Ryan White HIV/AIDS Program Grantee Meeting, Washington, DC.
- 33. Wyatt, S.N., & Rhoads, S.J. (2011, October). Leading the Way: Helping Senior Staff Nurses Become Better Leaders. (invited poster presentation). Sigma Theta Tau International, 41st Biennial Convention. Grapevine, TX.

Local/Regional Meetings (Invited)

- 1. Panel Presentation (**Rhoads, S.** & Kincer, T. moderated by Foretia, D.) (2023, May 4). Rural Health and Surgical Care in Tennessee: A conversation with Drs Sarah Rhoads and Tom Kincer. Center for Multicultural and Global Health, University of Tennessee Health Science Center, Memphis, TN.
- 2. **Rhoads, S.,** Evans, A & Martin, M. (2023, January 9). Community Mapping of Community Advisory Board Members to Identify Research Areas of Interest. Qualitative Research Interest Group, UTHSC, Memphis, TN.
- 3. **Rhoads, S.,** McSweeney, J. (2022, November 14). Lessons Learned Qualitative Interview training for a large mixed methods study. Qualitative Research Interest Group, UTHSC, Memphis, TN.
- 4. **Rhoads, S.,** McSweeney, J., Jin, J., Reed, P.J., Marshall, H., Bruno, S.,⁺ Pirtle, C. ⁺ & Sanford, J. (2022, October 4). Older adult's use of telemedicine during the COVID-19 pandemic: findings of a mixed methods study. Population Health & Translational Research Conference, UTHSC, Memphis, TN.
- 5. Panel Presentation (2022, January). Beyond NIH: Alternative Pathways to Funding Your Research. Preventative Medicine Third Thursday. Memphis, TN.
- Panel Discussion (Rhoads, S., Larson-Prior, L., Virmani, T & Sullivan, D.) (2021, October 1) Going Digital Series: Digital Tools and Wearables: Real-world Examples. Translational Research Institute, UAMS, Little Rock, AR.
- 7. **Rhoads. S.** (2021, August). Nurses Leading the Way in Health Care Innovation and Creativity. Outpatient Nursing Leadership Council Webinar. University of Pittsburgh Medical Center (UPMC).
- 8. Panel Presentation (Martin, M., Zachry, A. & **Rhoads, S**.). (2021, June). Subject Recruitment and Retention. TN-Clinical and Translational Science Institute Principal Investigator Research Training Series. Memphis, TN.

- 9. Lefler, L. & **Rhoads, S.** (2020, December 2). mHealth for Heart Failure Management: Innovative Care Of Older Adults With Chronic Heart Failure (i-COACH). Center for Health System Improvement Research Conference. Memphis, TN.
- 10. Panel Discussion (2020, February 7). Writing for Educational Grants. Teaching Scholars. University of Arkansas for Medical Sciences. Little Rock, AR.
- 11. Panel Presentation⁺ (2019, December). Forum on African American Maternal and Infant Health in Arkansas. Angel Babies Community Event, Little Rock, AR.
- 12. **Rhoads, S.** (2019, September). Facilitating Health Care using Technology. Department of Preventive Medicine. Memphis, TN.
- 13. **Rhoads, S.** (2019, September). The Arkansas Birthing Project 3rd Annual Meeting. Little Rock, AR.
- 14. **Rhoads, S.** (2019, August 19). Lessons Learned Research using Connected Health Technology in Rural Areas. The Delta Clinical and Translational Science Health Disparities Conference. Jackson, MS.
- 15. **Rhoads, S.** (2019, August 6). Nurses Leading the Way in Health Care Innovation. 2019 Beverly Browns DVP. Memphis, TN.
- 16. **Rhoads, S.** (2019, June). Using Technology to Facilitate the Care of Pregnant Women and Newborns. TennCare Health Plan Meeting. Franklin, TN.
- 17. **Rhoads, S.J.** & McCoy, H.* (2019, April) Virtual In-home Support for Mothers to Improve Breastfeeding Success. 2019 Regional AWHONN Conference. Nashville, TN.
- 18. **Rhoads, S.J.** (2019, April) Lessons Learned Continuing the Telemedicine Program after the Grant. 2019 Telehealth Research Symposium. Memphis, TN
- 19. **Rhoads, S.J.** (2017, September). Informational Interactive Modules for Pregnant Women and New Mothers. First Annual Arkansas Birthing Project Conference. Little Rock, AR.
- 20. **Rhoads, S.J**. (2017). Telehealth: What Nurses and Nurse Practitioners Need to Know. Arkansas Nurses Association Chapter Meeting Region 5. Little Rock, AR.
- 21. Sprang, R., Cottrell, D. & **Rhoads, S.J**. (2017, April). Telehealth: I Don't Know What I Don't Know. MidAtlantic Telehealth Resource Center. Leesburg, VA.
- 22. **Rhoads, S.J.** (2017) Telehealth in Arkansas. Delta Research Consortium Conference. Delta Regional Authority, Memphis, TN
- 23. **Rhoads, S.J.** (2016) Keep the Patient as the Focus Alumni Presentation. UAMS College of Nursing White Coat Ceremony. Little Rock, AR
- 24. **Rhoads, S.J.** (2016) Feasibility and Adherence of mHealth in Postpartum Women with Hypertension. Public Health Seminar, UAMS Department of Biostatistics, Little Rock, AR.
- 25. Harris, M., Buron, W., Funderburg, A., Lynch, C., Lefler, L, Fontanilla, J., **Rhoads, S.J.** & Beverly, C. (2016) mHealth & Nursing Students. South Central Telehealth Forum. Nashville, TN.
- 26. **Rhoads, S.J.,** Lynch, C. (2016) Feasibility and Adherence of mHealth in Hypertension. South Central Telehealth Forum. Nashville, TN.
- 27. **Rhoads, S.** (2015, November 17) Transforming Healthcare using Technology. Alabama Telehealth Summit. Montgomery, AL.
- 28. **Rhoads, S** (2015, July 15) Maternal and Neonatal Telehealth Program Models, Resources and Tools. OB/GYN Grand Rounds, Little Rock, AR.
- 29. **Rhoads, S. J.** (2015, May 1). Impact of Web-Camera Viewing of Neonates on Parental Stress, Anxiety, and Bonding. (invited oral presentation of a refereed poster presentation). Diamond Conference, Little Rock, AR.

- 30. **Rhoads, S.J.** (2015, April 10) Telehealth for Women and Children. SCTRC Thought conference/ONE Team, Little Rock, AR.
- 31. **Rhoads, S.** & Glasgow, M. (2015, February 18) The Case for Interprofessional Continuing Education in Obstetrics. OB/GYN Grand Rounds, Little Rock, AR.
- 32. Chang, J., Rhoads, S., Gauss, CH, Eswaran, H., Saha, A. & Magann, E. (2015, February 18) Pregnancy & Women with Sickle Cell Disease: A Snapshot of Arkansas. UAMS College of Medicine Series, Showcase of Medical Discoveries: A focus on Rare Diseases, Little Rock, AR.
- 33. Lowery, C., Crain, C. & **Rhoads, S.J.** (2014) High Tech Stork Mama Care in the 21st Century. Science Café KUAR-FM89, Little Rock, AR.
- 34. **Rhoads, S. J.** (2014, October 9) Web-Cameras in the Neonatal Intensive Care Unit assisting with the neonatal-parental connection. Arkansas Student Nurses Association Annual Conference, Little Rock, AR.
- 35. **Rhoads, S. J.** (2014, October 9) Career planning after nursing school: What degree fits my needs? Arkansas Student Nurses Association Annual Conference, Little Rock, AR.
- 36. **Rhoads, S. J.** (2013, October 10) Web-Cameras in the Neonatal Intensive Care Unit assisting with the neonatal-parental connection. Arkansas Student Nurses Association Annual Conference, Little Rock, AR.
- 37. **Rhoads, S. J.** (2013, October 10) Career planning after nursing school: What degree fits my needs? Arkansas Student Nurses Association Annual Conference, Little Rock, AR.
- 38. Eaton, B & Rhoads, S.J. (2013, October 4) Overview, Implications, Intervention and Prevention of Fetal Alcohol Syndrome in Young Children. (refereed podium presentation) Arkansas Conference for Parenting Education and Home Visitation, Hot Spring, AR.
- 39. **Rhoads, S.J.** (2013, July 31) Impact of Web-Camera Viewing of Neonates on Parental Stress, Anxiety and Bonding. UAMS Department of OB/GYN Grand Rounds.
- 40. **Rhoads, S.J.** (2013, June 21) Updates from the 2013 AWHONN Convention. ONE Team. Center for Distance Health.
- 41. **Rhoads, S.J.** (2013, April 12) Facilitating Bonding in the new mother and father. ONE Team. Center for Distance Health.
- 42. **Rhoads, S.J.** (2013, April 9) Implementing Patient and Family Centered Care in Your Facility. Tuesday Noon. Center for Rural Health.
- 43. **Rhoads, S.J.** (2013, February 27) Career perspective DNP/PhD. SNRS Doctoral Pre-Conference, 27th Annual Southern Nursing Research Society Conference. Little Rock, AR.
- 44. **Rhoads, S.J.** (2012, October) Web-cameras: Keeping the family connected with their hospitalized neonate in the NICU. Arkansas Student Nurses Association, Little Rock, AR.
- 45. Perry, T., Miller, K. & **Rhoads, S.J.** (2012, October) Telehealth—Changing health care access points and outcomes for rural Arkansans. Arkansas Student Nurses Association, Little Rock, AR.
- 46. **Rhoads, S.J.** & Green, A.L. (2014, June) Impact of Web-Camera Viewing of Neonates on Parent Stress, Anxiety, and Bonding. (poster) Showcase of Medical Discoveries Telehealth, UAMS, Little Rock, AR.
- 47. **Rhoads, S.J.** (2009, November). Screening and Brief Intervention in Women to Prevent an Alcohol Exposed Pregnancy. Protecting Babies' Brains: A workshop on fetal alcohol spectrum disorders for physicians, Little Rock, AR.

- 48. **Rhoads, S.J.** (2009, October). Screening and Brief Intervention in Women to Prevent an Alcohol Exposed Pregnancy. Protecting Babies' Brains: A workshop on fetal alcohol spectrum disorders for health care professionals, Little Rock, AR.
- 49. **Rhoads, S. J.,** Greenfield, W. S., Ivey, T.L., McKelvey, S., & Stewart, A. (2009, April). Training for Shoulder Dystocia and Breech Delivery: Simulation Manikin, UAMS Perinatal Conference, Little Rock, AR.
- 50. **Rhoads, S. J.** (2009, January). STDs Effects on Pregnancy and Treatment Options, ONE Team, Telecommunicated to rural hospitals throughout Arkansas.
- 51. **Rhoads, S. J.** (2008, December 11). Updates in Fetal Heart Monitoring for Resident Physicians and Nurses. ANGELS, Telecommunicated to 13 sites.
- 52. McKelvey, S., **Rhoads, S.J.** & Lowery, C.L. (2008, August 14, October 16 [repeat], October 30 [repeat]). How speaking the same language can improve fetal monitoring, High Risk OB Teleconference, ANGELS, UAMS and telecommunicated to various hospitals in Arkansas.
- 53. **Rhoads, S. J.,** Behmer, D., & Martindale, R., (2008). Online Teaching Techniques Panel. Hospital Staff Development Forum, Arkansas Hospital Association, Crowne Plaza, Little Rock, AR.
- 54. **Rhoads, S. J.** (2008, June). Fetal Heart Rate Monitoring. New OB/GYN Resident Orientation, UAMS, Little Rock, AR.
- 55. **Rhoads, S. J.** (2008, April). Fetal Alcohol Syndrome: What do health care providers need to know? ONE Team, Telecommunicated to rural hospitals throughout Arkansas.
- 56. **Rhoads, S. J.** (2006, November). New ACOG Fetal Heart Monitoring Interpretation using the NICHD Terminology. Ob/Gyn Journal Club Meeting, University of Arkansas for Medical Sciences, Little Rock, AR.
- 57. **Rhoads, S. J.**, & Gangluff, D. (2006, January). Fetal Alcohol Syndrome A Multidisciplinary Approach. Rural Hospital Program, telecommunicated to rural hospitals throughout Arkansas.
- 58. Eaton, B., **Rhoads, S. J.**, Lim, C. (2005, February). Fetal Alcohol Syndrome Diagnosis, Issues and Prevention. Pine Bluff AHEC Grand Rounds, Pine Bluff, AR.
- 59. Shock, M., Deere, D., **Rhoads, S. J.** (2004, December). Community Lecture on Fetal Alcohol Syndrome. Prevention Resource Coordinators, City of Little Rock Neighborhood Resource Center, Little Rock, AR.
- 60. **Rhoads, S.J.** & Wyatt, S. N. (2001, January). Basic Fetal Monitoring. Fulton County Hospital, Salem, AR.
- 61. **Rhoads, S. J.** (2000, November). Becoming a Teen. St. Vincent's North Hospital, Sherwood, AR.
- 62. **Rhoads, S. J.** (2000, November). Teen Sexuality Issues. Northwood Junior High School, North Little Rock, AR.
- 63. Rhoads, S. J. & Wyatt, S. N. (2000, November). Advanced Fetal Monitoring. Mena, AR.
- ⁺Community Research Partner

*Student (graduate and undergraduate students)

RESIDENTS/FELLOWS/GRADUATE STUDENTS TRAINED:

Post-Doctoral Fellow

University of Tennessee Health Science Center

2018-2019

PhD Dissertation Committees

University of Tennessee Health Science Center, College of Nursing

Role	Dissertation Title	Student	Graduation Date
Member	Factors Associate wit	h Neurocognitive Development of Ch	nildren
		N. Alise Farrell	May 2022
Member	The Impact of Materr	nal Traumatic Life Events and Social	Support on
	Maternal-Child Intera	action at Child Age 3 years	
		Sandra Madubuonwu	December 2021
Mentor/Chair	TBD	LaTonya Ivy	Tentative 2023
Mentor/Chair	TBD	Melanie Fant	Tentative 2023
Mentor/Chair	TBD	Jennifer Russell	Tentative 2024

University of Arkansas for Medical Sciences, College of Nursing

Role	Dissertation Title Stu	dent	Graduation Date
Member	Use of Simulated Presence	e in Long-Term Care Residents	S
	during the COVID-19 Par	ndemic	
	Eri	n Bush	August 2021
Co-Chair	Secondhand smoke expos	sure and Cervical Cancer:	-
	Analysis of a possible col	factor	
	Na	talie Capps	May 2020
Member	E-cigarette Prevalence an	d Use Patterns in Pregnant Wor	men
	Nic	cole Ward	August 2019
Member	Sexual Risk Taking in Co	llege Students	C
	Ch	ristine Felts	August 2019
Member	Healthcare Professionals'	Attitudes Towards eICU®	C
	Bri	ttany Beasley	Dec 2018
Member	Effectiveness of Peer Cou	inselor-Guided Web-based Prog	gram in Improving
	Breastfeeding Self-Effica		
	e	rbara Pate, Graduate School	May 2009
University of	^f Arkansas at Little Rock		
Role		dent	Graduation Date
Member		port in Health Communities	May 2016
	-	nit K. Saha	
University of	Arkansas for Medical Scien	nces, College of Public Health	
Role	Dissertation Title	Student	Graduation Date
Member	Health Literacy and Pregr	nancy: Kristie Hadden	May 2012
	Validation of a new Meas		-
	Relationships of Health L	iteracy	

to Pregnancy Risk Factors

DNP Project Committees

University of	f Arkansas for Medical Scier	ices, College of Nursing	
Role	Project Title	Student	Graduation Date
Member	Implementation of an	Susan Saunders	2016
	Evidence-Based Toolkit f	or	
	Managing Severe Hyperte	ension	
	in Pregnancy		

MNSc Portfolio/Thesis Committees

	f Arkansas for Medical Scient	ces, College of Nursing			
Role	Student Specialty	Student	Graduation Year		
Member	Administration	Michael Manley	2009		
Chair	WHNP	Leanne Marley	2008		
		Ashley Brooke Keathley	2008		
Member	FNP	Melissa Qualls	2008		
		Staci Gathright	2008		
		Erin Holleman	2008		
Chair	WHNP	Amanda Curry	2007		
		Emily Way	2007		
Member	WHNP	Sandra Brown	2007		
		Kathleen Gatlin	2007		
		Edwina Jones	2007		
Member	FNP	Courtney Bickerstaff			
		Amy Morton	2007		
Chair	WHNP	Whitney Ward	2006		
		Floye Taylor	2006		
		Pearlene Barnett	2006		
		Lisa Harmon	2006		
		Lori Oswalt	2006		
Member	FNP	Katrina Hearns	2006		
		Lindsay Cortez	2006		
		Susan Abrahamsen	2006		
		Denim Bolin	2006		
Member	PNP	Crystal King	2006		
Chair	WHNP	Felice Story	2005		
		Brooke Naples	2005		
Member	FNP	Raquel Temple	2005		
		Kimberly Fenwick	2005		
Chair	WHNP	Amy Wilson	2005		
Member	Acute Care	Charolette Diane Jones	2005		
Chair	WHNP	Angela Holland	2004		
		Sara Greathouse	2004		
		Tina Butler	2004		
Chair Member Chair Member	WHNP FNP WHNP Acute Care	Felice Story Brooke Naples Raquel Temple Kimberly Fenwick Amy Wilson Charolette Diane Jones Angela Holland	2005 2005 2005 2005 2005 2005 2005 2004		

Member	WHNP	Margaret Sexton	2004
		Amanda Thornton	2004
		Rosalyn Perkins	2004
Member	GNP	Brenda Trigg	2004
		Karen Von Kanel	2004
Chair	WHNP	Ernice Rogers	2003
Member	FNP	Harriette Allison	2003
		Maria Ivanovsky	2003
		Sharmin Kahn	2003
		Renee McClellan	2003
		Lynn Strickland	2003
Member	WHNP	Natalie Pate	2002
		Elizabeth Meyer	2002

Clinical Preceptor for Graduate Students

University of Tennessee Health Science Center

Year	Role	Level	Student Name	Course Name
2011	Preceptor	DNP	Cesalie Wallace	UTHSC DNP Practicum
2008	Preceptor	DNP	Janice Taylor	UTHSC DNP Practicum

University of Arkansas for Medical Sciences

Year	Role	Level	Student Name	Course Name
2010	Preceptor	MNSc/WHNP	Marie Lehman	Reproductive Health Pract.
2007	Preceptor	PhD	Laura Evans	Nursing Education Practicum
2006	Preceptor	MNSc/WHNP	Tina Butler	Reproductive Health Pract.

<u>Student Mentoring (in addition to above – selected examples)</u>

University of Arkansas for Medical Sciences

OB/GYN Residents, MFM Fellows, & Medical Students, Research Mentor - 2010-2018

BSN Honors Students

Allison Mink, undergraduate student, research, abstract writing and submissions and peer reviewed presentations

PhD Students – College of Nursing Heba Sadaka, Research Practicum Summer 2021 Cheryl Wells, mentoring 2020-2021

University of Arkansas, Fayetteville

Cole Moore, undergraduate student, research mentor

RESEARCH AND OTHER EXTERNAL SUPPORT:**

Current Funding

- Health Resources and Services Administration (HRSA) Advanced Nursing Education Workforce to Promote Health Equity for All. 4-year project period; 7/1/2023-6/30/2027 Rhoads (PI), Bellflower (Co-I), Reed (Co-I), Sharp (Co-I), Fouquier (Co-I), Clark (Co-I), Anderson (Co-I) & Beasley (Co-I) \$650,000/year The Advanced Nursing Education Workforce to Promote Health Equity for All will provide stipends and support for 19 DNP students per year (14 NMW, 2 PMHNP, 2 FNP, 1 Dual FNP/PHMNP). The project will also develop a Health Equity Training and Toolkit for DNP students, recruit diverse students for the stipends, and further develop academic-practice partnerships in rural and urban underserved areas.
- 2. Patient-Centered Outcomes Research Institute [Contract # EASCS-26507] 12/1/2022 – 11/30/2023

Impact of Food Insecurity on Maternal and Child Health **Bhanda S** (MBI) Matrin M (MBI) & Jahrason K (Co I) (\$10)

Rhoads, S. (MPI), Martin, M. (MPI) & Johnson, K. (Co-I) (\$100,000) This Eugene Washington PCORI Engagement Award: Stakeholder convening grant will gather stakeholders to discuss the impact of food insecurity on maternal and child health in urban and rural areas and develop a roadmap for future community engaged research projects.

- American Heart Association. Mid-South Business Accelerator 3/1/2023- 6/30/2023 Rhoads (PI) \$12,500 Seed funding to implement chronic disease management for families who have a member living with a chronic illness.
- Health Resources and Services Administration (HRSA) Nurse Education, Practice, Quality and Retention (NEPQR) [UK1HP46070-01-00] 7/1/2022-6/30/2026 Student Training and Education through Partnerships with Underserved Populations for Health Equity and Lifestyle Promotion (STEP UP and HELP) Dedmon (PI) \$999,999/year (\$3.9 million total)

Rhoads (Co-I, Co-Evaluator, and Telehealth Expert)

This Nurse Education, Practice, Quality, and Retention grant will provide care to two rural counties in West Tennessee (Lake Co. and Lauderdale Co.) using a mobile health unit and will integrate rural health education into undergraduate BSN and graduate DNP programs.

Completed Grant Funding

- Health Resources and Services Administration (HRSA) Advanced Nursing Education Workforce for Healthy Delta Moms and Babies. [T94HP32894-02] 7/1/2019-6/30/2023 Rhoads (PI), Day (Co-PI), Bellflower (Co-I), Reed (Co-I), Sharp (Co-I), Fouquier (Co-I) \$699,999/year (\$2,799,996 total)
 - The Advanced Nursing Education Workforce for Healthy Delta Moms and Babies program educates the advanced nurse practitioner workforce to better meet the needs of patients in West Tennessee. The project will also support new and innovative academic practice partnerships (CAB) to educate and support nurse practitioners and nurse midwives who will practice in rural and underserved areas.

2. Patient-Centered Outcomes Research Institute 11/1/2019-6/30/2023 Innovative Care model for Older Adults with Chronic Heart Failure (i-COACH): A comparative effectiveness clinical trial for improving healthcare systems (CAB) Weber (PI) 3 million to the University of Arkansas for Medical Sciences **Rhoads (Co-I and site-PI)** \$235,689 subaward to UTHSC This research grant will compare the effectiveness of heart failure symptom management using mHealth equipment or standard equipment. Rhoads as Co-I and site PI will work with the UAMS hospital system to determine the best mHealth equipment to use for the study, train staff to use the equipment, facilitate electronic health record and mHealth software portal compatibility, and collaborate with the patient advisory board to implement their guidance on the study protocol, equipment, and deliverables.

- Patient-Centered Outcomes Research Institute 10/1/2020-6/30/2023 Comparing Quality of Telemedicine & Standard Provider Visits with Healthcare Utilization Metrics of Older Patients with Heart Failure During Covid-19 Pandemic (CAB) Weber (PI) \$500,000 to the University of Arkansas for Medical Sciences
 Rhoads (Co-I and site-PI) \$162,409 to the University of Tennessee Health Science Center The overall aim of this research study is to determine which type of patient care visit (standard care in-person or telemedicine visit) is most effective, preferred by older adult patients with Heart Failure (HF), and results in the most effective healthcare utilization metrics.
- 4. Health Resources & Services Administration Office for the Advancement of Telehealth South Central Telehealth Resource Center Satellite Telehealth Training Center at UTHSC **Rhoads (Site PI)**

The satellite training center is housed in the UTHSC College of Nursing Crowe Building will provide telehealth training for health care providers and students.

 Robert Wood Johnson Foundation \$125,000
 Enhancing the Arkansas Birthing Project through Technology \$125,000
 Bheada (BL) Co. PL Equation Co. PL Harris

9/1/2016-8/31/2019

Rhoads (PI) Co-PI Eswaran, Co-PI Harris

Using technology to enhance a pregnancy peer mentoring program for Black/African American and Hispanic women in Arkansas. The technology will be used to connect 'Sister Friends', provided enhanced education, and connect with health care team members as needed.

- 6. American Association of Colleges of Nursing (AACN) \$15,000 All of Us Research Program Information and Education for Underrepresented Memphians 11/1/18-2/28/2019
 Rhoads Co-PI, Carroll Co-PI Coordinating an educational event about the National Institutes of Health's All of Us Research program for residents of Memphis, TN.
- 7. National Institutes of Health National Center for Advancing Translational Sciences

Translational Research Institute 9/1/2017-8/31/2018

James, Laura (PI)

James, Laura (PI)

- Role: **Rhoads** is part of the Leadership team for the Community and Collaboration Core. This function uses a participatory approach to identify public health issues and community concerns, and build functional linkages between academic, health practice and lay communities to stimulate research that improves the health of Arkansas.
- 8. National Institutes of Health

Data Coordinating & Operations Center for the IDeA State Pediatric Clinical Trial Network Lee, Jeanette (PI)

\$41,881,887

10/1/2016-9/30/2021

- Role: **Co-Investigator Rhoads** leads the professional development for multi-state pediatric research studies as well as lead the development of technology infrastructure for collaborative research studies, which will use technology for data collection and research procedures. Technology will be used to provide telehealth infrastructure as well as provide professional development and research training to researchers and research staff in addition to research participants.
- Health Resources and Services Administration (HRSA) Advanced Nursing Education Geriatric Advanced Practice Grant Beverly, Claudia (PI) Co-Is Lefler, L.; Buron, W.; Harris, M.; Rhoads, S. \$1.9 Million 7/1/2015-6/30/2018 Role: Co-Primary Investigator Phoads leads the interprofessional education for geriatri
 - Role: Co-Primary Investigator Rhoads leads the interprofessional education for geriatric nurse practitioner students who are practicing throughout Arkansas. Rhoads also leads the technology innovation pieces, which include virtual site visits from faculty to remote students, mentoring nurse practitioner students related to remote patient monitoring as well as providing technology expertise for the research and program team.
- 10. Health Resources & Services Administration Office for the Advancement of Telehealth South Central Telehealth Resource Center

Rhoads (PI & Program Director)

\$975,000

9/1/2010-8/31/2013

refunded 9/1/2013-8/31/2016

refunded 9/1/2016-8/31/2017

refunded 9/1/2018-7/31/2018

- Through the South Central Training Resource Center (SCTRC), existing and developing telehealth networks that serve the South's medically underserved, rural populations will gain access to custom-tailored direction and expert-level resources on how to further their clinical and educational reach. Funded since 2010.
- 11. Gertrude Skelly Charitable Foundation

Angel Eye Expansion for the UAMS Neonatal Intensive Care Unit **Rhoads (PI)**

\$27,000

7/1/2016-6/30/2017

- Angel Eye- a one-way, real-time video feed broadcasted bedside from the UAMS NICU to a website only accessible to family and selected hospital staff. Bedside cameras will capture real-time audio and video of hospitalized, "micro-preemie" babies as they lie in their isolettes. This funding was used to equip more beds in the UAMS NICU.
- American Association of College of Nursing/Centers for Disease Control and Prevention Impact of Academic-Practice Partnership using mHealth Technology on Heart Failure Benchmarks with Older Adults in Rural and Medically Underserved Areas of Arkansas. Lefler, L (PI) Rhoads (Co-I) Beverly, C & Fontanilla, J. \$5,000 7/6/2016-3/17/2017

13. UAMS College of Nursing Intramural Grant

Evaluating the Use of mHealth Technology in Patients with Heart Failure. Buron, B. (PI) **Rhoads (Co-I)** \$3,600 7/1/2016-6/30/2017

14. Patient-Centered Outcomes Research Institute (PCORI)

Developing and Testing "Best Practices" in Training for Academic/Community Research Partnerships

- Williams, Pamela (PI) **Co-Is Rhoads, S.**; McKelvey, K.; Hobbs, C.; Moretz, J. 12/1/2014-11/30/2016
- The objective of the grant is to develop training with usability and value to research partners, focusing on unique needs of rare and/or genetic condition patient-partner trainees.

Role: **Co-I Rhoads** is assisting with the development of online educational materials to provide to community and academic partners.

15. Health Resources and Services Administration Office of Rural Health Policy

Greater Delta Alliance (submitting organization)

Health Education for Local Providers (HELP)

Rhoads (PI for CDH Subcontract) \$609,000

8/1/2013-7/31/2016

Evidence-based education to 19 rural counties and health care facilities on Diabetes, Cardiovascular Disease and Obesity.

16. Translational Research Institute

Postpartum Management of the Pregnancy Complicated by Preeclampsia: A Pilot Study Using mHealth Monitoring at Home

\$20,000

Rhoads (PI) Co-PIs Serrano, C., Dajani, N., Magann, E., Eswaran, H. 11/1/2014-10/31/2015

- The pilot study was a prospective observational pilot study with a retrospective chart review to determine the barriers related to mHealth monitoring in postpartum women with hypertensive disorders during pregnancy.
- 17. Health Resources and Services Administration AIDS Education and Training Center HIV Health Education, Assessment and Research in Telehealth (HIV HEART)

Rhoads (PI)

\$600,000 1H4AHA24083-01-00

7/1/2012-6/31/2015

- Improve access to HIV/AIDS evidence-based, culturally appropriate continuing education and collegial support for rural providers who have limited experience with HIV/AIDS rural patients by using interactive video, online interactive streaming sessions, and online interactive enduring materials, while also providing people living with HIV/AIDS the opportunity to receive comanagement of their condition through real-time, live video "virtual clinic" consultations from HIV/ AIDS specialists at our University and their rural provider.
- 18. Health Resources and Services Administration Maternal Child Health Bureau (MCHB) Delta Interactive Solution to Collaborate Over Video for Education and Resources for Maternal Child Health Leadership (DISCOVER)

Rhoads (PI)

\$297,000

07/01/2010-06/30/2013

Develop distance learning curricula fostering MCH leadership, competencies, and evidence-based practices, specifically addressing topics relevant to MCH health professionals practicing in the Delta to include racially, ethnically, and culturally diverse themes.

19. Gertrude Skelly Foundation

Angel Eye Expansion for the UAMS Neonatal Intensive Care Unit

Rhoads (PI)

\$31,500

3/31/2011-3/30-2012

Angel Eye- a one-way, real-time video feed broadcasted bedside from the UAMS NICU to a website only accessible to family and selected hospital staff. Bedside cameras will capture real-time audio and video of hospitalized, "micro-preemie" babies as they lie in their isolettes. This funding was used to develop and enhance the first generation Angel Eye Camera units.

20. Connect AR (Awarded Agency)

Arkansas Center for Telehealth

Lowery (PI); Rhoads (Education Coordinator)

\$823,081

10/1/2010-9/30/2013

The project focused on 57 counties at 15% or greater poverty level and provide services in: Community Level Needs Assessment, Hands-on Training and Outreach, Website Development, Public Awareness Campaign, and Technical Support.

21. National Children's Study (NIH/NICHD)

Hobbs (PI); Rhoads (Telehealth Facilitator)

\$14,474,966 9/26/2008 - 9/25/2013 The National Children's Study will examine the effects of the environment, as broadly defined to include factors such as air, water, diet, sound, family dynamics, community and cultural influences, and genetics on the growth, development, and health of children across the United States, following them from before birth until age 21 yrs. 22. Innovation Grant – Area Health Education Centers (AHEC) Preventing Alcohol-Exposed Pregnancies: Brief Intervention via Telemedicine in Primary Care Setting (AHEC) Mengel (PI) Rhoads (Co-Investigator) \$75,000 2009-2010 23. Internally funded through the UAMS Department of OB/GYN Pilot Study of Recruitment Procedures for R21 Study of Racial Discrimination and Birth Outcomes. Stewart and Yeary (PI) Rhoads (Co-I) \$2,000 2009 24. Tailored Biobehavioral Interventions Research Center Pilot Funding Examining African American Women's Perspectives about their Pregnancy that resulted in a Low Birth Weight Baby. **Rhoads (PI)** \$7,484 2008 25. Gertrude E. Skelly Charitable Foundation Angel Eye Expansion for the UAMS Neonatal Intensive Care Unit. **Rhoads (PI)** \$31,750 2008 26. Gamma Xi Chapter, Sigma Theta Tau International Angel Eye Research Study **Rhoads (PI)** \$500 2008 27. Association of Women's Health. Obstetric and Neonatal Nurses (AWHONN) The Pregnant Mothers' Experiences: Unexplored Feelings – The Impact of Bad News When Received Through High-Risk Obstetrical Telemedicine Consults. Wyatt (Co-PI) and **Rhoads** (Co-PI) \$4881 2006 28. UAMS Consortium Angel Eye Web-cameras in the Neonatal Intensive Care Unit. Rhoads (PI) \$7,000 2006

Pending Grant Funding

29. National Center for Advancing Translational Sciences, National Institute of Health TN-Clinical and Translational Science Institute; 7-year project period; notification in 2024. Johnson (MPI) & Martin (MPI) [Many Co-Investigators and Module Leaders] Rhoads (Co-I) Module Leader, Community and Stakeholder Engagement Research Module. Module Aim: Develop and strengthen the TN-CTSI efforts to engage the full spectrum of community stakeholders and partners in bi-directional collaboration to advance clinical and translational science endeavors to improve human health.

Please see Appendix A Grants Table for a numerical overview of grants PEER-REVIEWED JOURNAL ARTICLES:

- 1. Fant, M.,* **Rhoads, S.J.** & Tucker, J. (accepted May 8, 2023) Recognizing Early Warning Signs of Acute Hypertensive Crisis of the Postpartum Mother: An Important Role for Neonatal Nurses. Submitted to Neonatal Network on April 13, 2023.
- Beasley, B., Barone CP., Heo, S., Wright, P.B., Selig, J.P., Rhoads, S. & Griebel, J. (2023) Performance Evaluation of the eICU® Acceptance Survey. International Journal of Nursing and Health Care Sciences, 3:8, 2023-241.
- Bogulski, C.A., Payakachat, N., Rhoads, S.J., Jones, R.D., McCoy, H.C.*, Dawson, L. C. & Eswaran, H. (2023). A comparison of audio-only and audio-visual tele-lactation consultation services: A mixed methods approach. *Journal of Human Lactation*, 39 (1) 93-106. doi: 10.1177/08903344221125118. Epub 2022 Oct 5. PubMed PMID: 36196975.
- Reed, L., Bellflower, B., Anderson, J.N., Bowdre, T.L., Fouquier, K., Nellis, K. & Rhoads, S. (2022). Rethinking nursing education and curriculum using a racial equity lens. *Journal* of Nursing Education, doi: 10.3928/01484834-20220602-02. Epub 2022 Aug 1. PubMed PMID: 35944192.
- Magann, E. F., Eswaran, H., McCoy, H.C.,* Ounpraseuth, S.T., Rhoads, S.J. & Curtis L. Lowery (2022) High-risk obstetrical call center vs. healthcare providers: is there consistency in advice given? The Journal of Maternal-Fetal & Neonatal Medicine, 35:8, 1445-1450. doi: 10.1080/14767058.2020.1757061. Epub 2020 Apr 23. PubMed PMID: 32326784.
- Pyles, T.E.H, Umi, S.A., Madubuonwu, S.*, Stiles, A., Devane-Johnson, S, Scott, H., Rhoads, S. & Russell, J.H.* (2021). Breastfeeding sisters that are receiving support: community-based peer support program created for and by women of color. *Breastfeeding Medicine*, 16(2), 165-170. PMID: 33539230. Epub 2021 Feb 4. PubMed PMID: 33539230; PubMed Central PMCID: PMC7891194.
- 7. **Rhoads, S.,** Eswaran, H. & Harris, Z.⁺ (2020). Using technology to enhance the Arkansas Birthing Project. Retrieved from: https://2jywg813w195318ee51g9iti-wpengine.netdna-ssl.com/wp-content/uploads/2019/08/IRL-Issue-Brief06-Arkansas-1.pdf
- Magann, E., Eswaran, H., McCoy, H.*, Ounpraseuth, S., Rhoads, S. & Lowery, C. (2020). High-risk obstetrical call center vs. healthcare providers: Is there consistency in advice given? [published online ahead of print, 2020 Apr 23]. The Journal of Maternal Fetal & Neonatal Medicine. 2020;1–6. doi: 10.1080/14767058.2020.1757061

- Rhoads, S. & Rakes, L. (2020) Telehealth technology: reducing barriers for rural residents seeking genetic counseling. *Journal of the American Association of Nurse Practitioners*, 32(3), 190-192. doi: 10.1097/JXX.00000000000373
- Payakachat, N., Rhoads, S., McCoy, H.*, Dajani, N., Eswaran, H. & Lowery, C. (2020). Using mHealth in postpartum women with preeclampsia: A qualitative analysis. *International Journal of Gynecology and Obstetrics*, 149(3), 339-346. doi: 10.1002/ijgo.13134. Epub 2020 Mar 25. PubMed PMID: 32119129; PubMed Central PMCID: PMC7239748.
- Harris, M., Rhoads, S.J., Lefler, L., Rooker, J., Kelly, M.A., Lubin, S., Martel, I. & Beverly, C. (2020). Feasibility of virtual clinical site visits in a nurse practitioner program. *Nurse Educator*, 45(1), 17-20. doi: 10.1097/NNE.00000000000693. PubMed PMID: 31145178; PubMed Central PMCID: PMC7329243.
- 12. Beasley, B.*, Barone, C., Wright, P., Heo, S., Selig, J.P., **Rhoads, S.**, & Griebel, J. (2020). Factors associated with nurses' acceptance of eICU. *Journal for Healthcare Quality, 42* (1), 46-54. doi: 10.1097/JHQ.000000000000198. PubMed PMID: 31135607.
- Lefler, L.L., Rhoads, S.J., Harris, M., Funderburg, A., Lubin, S.A., Martel, I.D., Faulkner, J.L., Rooker, J.L., Bell, D., Marshall, H. & Beverly, C.A. (2018) Evaluating the use of mobile health technology in older adults with heart failure: Mixed-methods study. *JMIR Aging*, 1, e12178. doi: 10.2196/12178. PubMed PMID: 31518257; PubMed Central PMCID: PMC6715011.
- Smith, B.L., Ott, R.E., Rhoads, S., Burke, B., Hall, W.H., Magann, E.F. & Lowery, C.L. (2017) Continuing education in 21st century Arkansas: How technology is supporting obstetrical and pediatric evidence-based practice. *Arkansas Medical Society Journal*.
- 15. **Rhoads, S.** (2017) Improving healthcare through nursing innovation. *International Journal of Childbirth Education*, *32* (3), 43-44.
- Rhoads, S.J., Serrano, C.I., Lynch, C.E., Ounpraseuth, S.T., Gauss, C.H., Payakachat, N., Lowery, C.L. & Eswaran, H. (2017) Exploring the implementation of mHealth monitoring in postpartum women with hypertension. *Telemedicine and e-Health*, 23(1), 1-9. doi: 10.1089/tmj.2016.0272. Epub 2017 May 5. PubMed PMID: 28475431; PubMed Central PMCID: PMC5651969.
- Rhoads, S.J., Eswaran, H., Lynch, C.E., Ounpraseuth, S.T., Magann, E.F. & Lowery, C.L. (2017) High-risk obstetrical call center: A model for regions with limited access to care. *The Journal of Maternal-Fetal & Neonatal Medicine*, 31(7), 857-865. doi: 10.1080/14767058.2017.1300645. Epub 2017 Mar 19. PubMed PMID: 28316278.
- 18. **Rhoads, S.J.** (2016) Healthcare in a virtual world. *Nurse Management*, 47(8), 18-19. PMID:27465964. doi: 10.1097/01.NUMA.0000488864.61946.ad
- Rhoads, S.J., Green, A.L., Gauss, C.H., Mitchell, A., Pate, B. (2015) Web camera use of mothers and fathers when viewing their hospitalized neonate. *Advances in Neonatal Care*, 15(6), 440-446. PMID:26505333. doi: 10.1097/ANC.00000000000235
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- 22. Hughes, D.S.*, Ussery, D.J., Woodruff, D.L., Sandlin, A.T., Rhoads, S.R. (f/k/a Kinder), Magann, E.F. (2015) The continuing antenatal management program (CAMP): Outpatient monitoring of high-risk pregnancies Keeps patients safe, costs low and care nearby. *Sexual* & *Reproductive Healthcare*, 6(2), 108-109. doi: 10.1016/j.srhc.2015.01.001. Epub 2015 Jan 7. PubMed PMID: 25998879.
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- 27. Rhoads, S.J. & Mengel, M. (2011). Making your office alcohol-exposed pregnancy prevention friendly. *Arkansas Medical Society Journal*, *108*(4), 62-4. PMID:21916382
- McSweeney, J.C., Pettey, C.M., Souder, E. & Rhoads, S. (2011). Disparities in women's cardiovascular health. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 40(3), 362-371. PMID:21477222. doi: 10.1111/j.1552-6909.2011.01239.x
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- 31. Wyatt, S. N. & **Rhoads, S.J.** (2006). A primer on antenatal testing for neonatal nurses: Part 2. *Advances in Neonatal Care*, 6(5), 228-241. PMID: 17045944
- 32. **Rhoads, S. J.** (2002). Perimenopause: A time for diligent gynecologic cancer screening. *Advance for Nurse Practitioners*, *10*(2), 65-67. PMID:12400304
- ⁺Community Research Partner
- *Student (graduate and undergraduate students, Fellows)

For a full list of publications, visit ORCID <u>http://orcid.org/0000-0002-1757-345X</u>

MANUSCRIPTS UNDER REVIEW

- 1. **Rhoads, S.J.,** McSweeney, J., Sadaka, H.*, Jin, J., Pirtle, C. & Sanford, J. (submitted on May 9, 2023). Experiences of Older Adults with Heart Failure Using Telemedicine During the COVID-19 Pandemic. Journal of Telemedicine and Telecare
- 2. **Rhoads, S.J.,** McSweeney, J., Reed, P.J., Marshall, H., Jin, J., Armes-McLaughlin, R., Vallurupalli, S., Weber, J. (submitted on June 3, 2023). Clinical Trial Survey Administration Lessons Learned During COVID-19. BMC Health Services Research.

- Rhoads, S.J., McSweeney, J., Reed, P.J., Marshall, H., Bruno, S., Simpkins, C. & Haynes, T. (submitted in May 2023). Lessons Learned from Heart Failure Intervention Study's Project Advisory Board during the COVID-19 Pandemic. Journal of Community Engagement and Scholarship.
- 4. **Rhoads, S.J.,** McSweeney, J., Jin, J., Weber, J. (to be submitted by June 30). Older Adult Preference Regarding In Person or Telemedicine Appointments During COVID-19. Telemedicine and e-Health.
- 5. **Rhoads, S.J.,** McSweeney, J., Reed, P.J. & Marshall, H. (to be submitted by May 30) Notes from the Field: Listening to Older Adults' Health Care Experiences in Rural and Urban Areas During the Pandemic. Qualitative Inquiry.
- 6. Fant, M., Carroll, L. & **Rhoads, S.J.** (to be submitted by June 30) Amplifying the Voice of Black Mothers Diagnosed with Hypertension after Birth Regarding Patient-Provider Communication. Qualitative Inquiry.
- Russell, J.,* Marshall, A.,+ Guinn, S.,+ Carroll, R.,+ Madubuonwu, S.*+ & Rhoads, S. (to be submitted by May 2023). Graduate Student Experiences Conducting Focus Groups with Young Mothers. Qualitative Inquiry.
- 8. **Rhoads, S.J.,** McSweeney, J., Marshall, H., Reed, PJ. (to be submitted by May 30). Notes from the Field: Listening to Older Adults' Health Care Experiences in Rural and Urban Areas During the Pandemic. Qualitative Inquiry.

OTHER PUBLICATIONS

White Papers/Position Statements/Toolkits

 Steering Committee Member. American Nurses Association (ANA) Core Principles on Connected Health (2019). <u>https://www.nursingworld.org/~4a9307/globalassets/docs/ana/practice/ana-core-principles-on-connected-health.pdf</u>

Evidence-Based Guidelines

- 1. Lowery, C. & **Rhoads S. J.** (2014, 2013, 2012, 2011, 2010, 2009, 2010) Remote Viewing of Neonatal Intensive Care Unit Babies by Mother Promotes, Bonding, Potentially Improves Infants' Long-Term Outcomes. AHRQ Health Care Innovations Exchange https://innovations.ahrq.gov/profiles/remote-viewing-neonatal-intensive-careunit-babies-mother-promotes-bonding-potentially
- 2. **Rhoads, S. J.,** Nelson, D., McKelvey, S., Lowery, C. & Smith, B. (2008). Hepatic, Biliary Tract, and Pancreatic Disorders in Pregnancy. ANGELS Obstetrical Guideline, https://angelsguidelines.com.

Newsletters/Blogs (Invited)

- 1. **Rhoads, S** (2014) Education, The ANGELS Report Newsletter, Winter edition http://angels.uams.edu/category/education/
- 2. **Rhoads, S. R.** (f/k/a Kinder) (2013) Online Education to Promote Health Care Provider Education. http://aidsetc.org/blog
- 3. **Rhoads, S.R.** (f/k/a Kinder) (2013) Using Telehealth as a Tool to Connect with Patients. http://aidsetc.org/blog
- 4. **Rhoads, S.** (2013). Education, The ANGELS Report Newsletter, Fall edition http://angels.uams.edu/files/2010/12/ANGELS-NEWSLETTER-reporting-Fall.pdf

- 5. Smith, B. & **Rhoads, S.** (2013) Education, The ANGELS Report Newsletter, Winter edition http://angels.uams.edu/files/2010/12/Winter-2013.pdf
- 6. Smith, B. & **Rhoads, S.** (2012) Education, The ANGELS Report Newsletter, Fall edition http://angels.uams.edu/files/2010/12/AN-FALL-2012.pdf
- 7. Smith, B. & **Rhoads, S.** (2012) Education, The ANGELS Report Newsletter, Spring/Summer edition http://angels.uams.edu/files/2010/12/SPRING-2012.pdf
- 8. **Rhoads, S.** (2012) Education, The ANGELS Report Newsletter, Winter 2012 edition http://angels.uams.edu/files/2010/12/Winter-2012.pdf
- 9. Charton, H. & **Rhoads, S.** (2011) Education, The ANGELS Report Newsletter, Fall 2011 edition http://angels.uams.edu/files/2010/12/Fall-2011.pdf
- 10. **Rhoads, S.** (2011) Angel Eye, The ANGELS Report Newsletter, Summer 2011 edition http://angels.uams.edu/files/2010/12/Summer-2011.pdf
- 11. Charton, H. & **Rhoads, S.** (2011). DISCOVER Update, The ANGELS Report Newsletter, Spring 2011 edition. http://angels.uams.edu/files/2010/12/Spring-2011.pdf
- 12. Fletcher, D. & **Rhoads, S**. (2010) The Research Corner. The ANGELS Report Newsletter, Winter 2010 edition http://angels.uams.edu/files/2010/12/Winter-2010.pdf
- 13. Fletcher, D. & **Rhoads, S.** (2010) The Research Corner. The ANGELS Report Newsletter, Spring 2010 edition http://angels.uams.edu/files/2010/12/Spring-2010.pdf
- 14. Fletcher, D. & **Rhoads, S**. (2009) The Research Corner. The ANGELS Report Newsletter, Fall 2009 edition. http://angels.uams.edu/files/2010/12/Fall-2009.pdf
- 15. **Rhoads, S. J.,** Ivey, T. L., & Glasgow, M. E. (2009). AWHONN: The Beat Goes On, 18, 4.
- 16. Rhoads, S. J., (2007). College of Nursing Dean's Column. UAMS Capsule, XLVII, 6.

Annual Reports

- 1. Education and Support Section, Evaluation and Research Section, 2017-2018 ANGELS Annual Report https://angels.uams.edu/wp-content/uploads/sites/81/2019/02/2018-Angels-annual-report-1901383a.pdf
- 2. Education and Support Section, Evaluation and Research Section, 2016 ANGELS Annual Report http://angels.uams.edu/files/2010/12/2016-Angels-annual-report-2-revised.pdf
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- 3. Education and Support Section, Evaluation and Research Section, 2014 ANGELS Annual Report http://angels.uams.edu/angels-in-the-news/annual-reports-and-newsletters/
- 4. Education and Support Section, Evaluation and Research Section, 2013 ANGELS Annual Report http://angels.uams.edu/angels-in-the-news/annual-reports-and-newsletters/
- Education and Support Section, Evaluation and Research Section, HIV HEART Section, ANGELS 2013 Annual Report http://angels.uams.edu/files/2010/12/2013-Annual-Report.pdf
- 6. Education and Support Section, Evaluation and Research Section, HIV HEART Section, ANGELS 2012 Annual Report http://angels.uams.edu/files/2010/12/Angels-Annual-report-2012.pdf
- 8. Education and Support Section, Evaluation and Research Section, ANGELS 2011 Annual Report http://angels.uams.edu/files/2010/12/Angels-Annual-report-2011.pdf
- 9. Education and Support Section, Evaluation and Research Section, ANGELS 2010 Annual Report http://angels.uams.edu/files/2010/12/Angels-Annual-report-2010.pdf

- 10. Education and Support Section, Evaluation and Research Section, ANGELS 2009 Annual Report http://angels.uams.edu/files/2010/12/2009-ANGELS-Annual-Report-FINAL.pdf
- 11. Education Section, Research Section, ANGELS Annual Report 2008 http://angels.uams.edu/files/2010/12/ANGEL-08-annual-report.pdf

Books/Book Chapters/CD ROM Materials (Authored and Reviewer):

- 1. **Rhoads, S.J.** (2021, January) In their own words, Chapter 2 in Advancing Nursing Practice: Exploring Roles and Opportunities for Clinicians, Educators, and Leaders. Wolters Kluwer Health, Inc. Hart, C. & Bell, P. (Eds). ISBN-13: 978-1975111724
- 2. **Rhoads, S.,** Harris, Z.⁺ & Eswaran, H. (2020) Enhancing the Arkansas Birthing Project through Technology In Early Childhood and Health. Svedin, L & Jacquez, F.
- 3. Harris, Z.⁺, **Rhoads, S.J.** & Eswaran, H. (in review). Social Support during Pregnancy to Aid in Resisting Barriers to Care In The Art of Resistance: The Power of the Narrative for Affecting Change. Grover, L.T. & Hines, R. (Eds.)
- 4. (Reviewer) Lane, L. & Gottlieb, R. (2005). The Infant Patient Encounter, CD ROM. Lippincott Williams & Wilkins.
- (Reviewer) Olds, S., London, M., Ladewig, P. & Davidson, M. (2003) Maternal-Newborn Nursing and Women's Health Care, 7e New Jersey: Prentice Hall Health (October 2002). (Reviewed Fetal Monitoring chapters, Women's Health chapters)
- (Reviewer) Ladewig, London, Olds. Contemporary Maternal-Newborn Nursing 6 Ed. New Jersey: Prentice Hall Health (Reviewed selected pages, tables and content boxes) May 2003.

**Please see attached Publication Table for an overview in Appendix A

PRESENTATIONS*** Oral Presentations

National/International Meetings (Refereed)

- 1. **Rhoads, S.,** McSweeney, J., Reed, PJ & Marshall, H. (2023, May) Lessons Learn from Listening to Older Adults' Health Care Experiences During the Pandemic. Part of a Panel Presentation entitled Lessons Learned in Interviewing Vulnerable Populations to Ensure their Voice is Heard. 19th International Congress of Qualitative Inquiry, Champagne, IL.
- Russell, J.,* Marshall, A.,⁺ Guinn, S.,⁺ Carroll, R.,⁺ Madubuonwu, S.*⁺ & Rhoads, S. (2023, May). Graduate Student Experiences Conducting Focus Groups with Young Mothers. Part of a Panel Presentation entitled Lessons Learned in Interviewing Vulnerable Populations to Ensure their Voice is Heard. 19th International Congress of Qualitative Inquiry, Champagne, IL.
- 3. Fant, M.,* Carroll, L. & **Rhoads, S.** (2023, May). Amplifying the Voice of Black Mothers Diagnosed with Hypertension after Birth Regarding Patient-Provider Communication. Part of a Panel Presentation entitled Lessons Learned in Interviewing Vulnerable Populations to Ensure their Voice is Heard. 19th International Congress of Qualitative Inquiry, Champagne, IL.
- 4. **Rhoads, S.** (2023, May) Moderator Panel Presentation entitled Lessons Learned in Interviewing Vulnerable Populations to Ensure their Voice is Heard (Rhoads, S., Fant, M.,

Russell, J., Carroll, L. & Anderson, J.). 19th International Congress of Qualitative Inquiry, Champagne, IL.

- Reed, L., Sharp, J., Nellis, K. & Rhoads, S. (2023, April). Integrating Telehealth Curriculum into DNP FNP Education: Preparing FNP Graduates as Competent Telehealth Providers. 49th Annual Conference, National Organization of Nurse Practitioner Faculties, Orlando, FL.
- Rhoads, S., McSweeney, J., Sadaka, H.*, Jin, Jing*, Ounpraseuth, S., Sandford, J., Vallurupalli, S., Pirtle, C.+, Marshall, H., Reed, P., Weber, J. (oral presentation November 16-18) Comparing Quality of Telemedicine & In-Person Provider Visits of Older Adults with Heart Failure During COVID-19 Pandemic. SEARCH 2022 – The National Telehealth Research Symposium, Virtual. Published abstract Telemedicine and eHealth.
- Rhoads, S., Cossman, R., Nellis, K., Day, S., Beasley, L., Reed, L., Dedmon, D., Fouquier, K. & Bellflower, B. (accepted in person oral presentation July 21-25, 2022) Exploring the Impact of the COVID-19 Public Health Emergency on Nurse Practitioner Student Training Experiences. Sigma's 33rd International Research Congress, Edinburgh, Scotland.
- Bellflower, B., Nellis, K., Reed, L., Sharp, J. & Rhoads, S. (2022, April) Improving Healthcare Access by Assisting Rural Nurse Practitioners and Students in Connected Health Utilization. Bureau of Health Workforce (BHW) Virtual All Grantee and Stakeholder Meeting. Health Resources and Services Administration (HRSA) Bureau of Health Workforce.
- Nellis, K., Rhoads, S., Blakney, D.⁺, Sharp, J., Reed, L, Faulkner, A. & Bellflower, B. (2021, November). Leveraging Existing Resources to Provide Telehealth Education for Nurse Practitioner Students and Rural Preceptors. SEARCH 2021 – The National Telehealth Research Symposium, Virtual.
- Harris, Z.⁺, Rhoads, S.J. & Eswaran, H. (2019). Improving Maternal and Infant Outcomes: A Community-Based, Culturally Aware, Social Support Intervention Approach. Sigma 30th International Nursing Research Congress, Calgary, CA.
- 11. **Rhoads, S.J.** (2018). Telehealth: What Nurses and Nurse Practitioners Need to Know. (refereed oral presentation). International Rural Nursing Conference, Nashville, TN.
- 12. **Rhoads, S.J.** (2018). Tele-lactation to Improve Breastfeeding. (refereed oral presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Tampa, FL.
- 13. **Rhoads, S.J.** & Harris, Z.⁺ (2018). Prenatal Care What are we missing? (refereed oral presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Tampa, FL.
- 14. **Rhoads, S.J.** & Harris, Z.⁺(2018). Prenatal Care What are we missing? (refereed oral presentation). Association of Public Health Nurses Annual Convention, Little Rock, AR.
- 15. Lowery, C.L., **Rhoads, S.J.**, Perkins, R.* & Benton, T. (2017). Telemedicine Improvements to Obstetrical Care. Institute for Healthcare Improvement National Forum on Quality Improvement in Health Care, Orlando, FL.
- 16. Lefler, L., Harris, M., Beverly, C., Buron, B., Rhoads, S., Lubin, S., Martel, I.L. & Koss, C. (2016, November). Improvement of Geriatric Care in Medically Underserved and Rural Areas: An Interprofessional Program. Gerontological Society of America's 69th Annual Scientific Meeting. New Orleans, LA.

- 17. **Rhoads, S.J.,** Eswaran, H., Lynch, C.E., Ounpraseuth, S.T., Magann, E.F. & Lowery, C.L. (2016, November). Evaluation of a High-Risk Obstetrical Call Center in a State with a Large Rural Population. American Public Health Association, Denver, CO.
- 18. **Rhoads, S.J.,** Allen, J. & Vyas, K. (2016, November). HIV Health Education, Assessment, and Research in Telehealth (HEART): Improving Access for Rural Patients with HIV. American Public Health Association, Denver, CO.
- Rhoads, S.J., Richardson, D., Dajani, N., Magann, E., Serrano, C. & Benton, T. (2015, May). Postpartum mHealth Home Monitoring of Pre-eclamptic Women. American Telemedicine Association Annual Conference, Los Angeles, CA.
- 20. **Rhoads, S. J.**, & Cherepski, A. (2014, June). Nursing Star Trek Style: What Nurses Need to Know about Telehealth. (refereed oral presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Orlando, FL.
- 21. **Rhoads, S. J.**, & Cherepski, A. (2014, May). HIV Health Education, Assessment, and Research in Telehealth (HEART): Improving Access for Rural Patients with HIV. (refereed oral and poster presentation). American Telemedicine Association, Baltimore, MD.
- 22. **Rhoads, S. J.** & Smith, B. L. (2012, June) Delta Interactive Solution to Collaborate Over Video for Education and Resources (DISCOVER) Maternal Child Health (refereed presentation). AWHONN 2012 Convention, National Harbor, MD.
- 23. Rhoads, S. J. (2011, October). The Hospitalized Infant and Separated Family: How Nurses Can Use Technology to Heal. (refereed presentation). Sigma Theta Tau International, 41st Biennial Convention. Grapevine, TX.
- 24. Low, G., Rhoads, S. J., Harmon, L.*, & Ivey, T. L.* (2010, September) No Longer an Island: Rural nurse practitioners gain support through telehealth. (refereed presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, Las Vegas, NV. (** AWHONN Innovative Program Awardee)
- 25. Rhoads, S. J., Wyatt, S. N., & Ott, R. E. (2009, June). The Hospitalized Infant and Separated Family: How Nurses can Use Technology to Heal. (refereed presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, San Diego, CA.
- 26. Smith, B. L., Ivey, T.L.*, **Rhoads, S. J.**, Hall-Barrow, J., & Ott, R.E. (2009, June) Why Be Many When You can be One? How Team-based Collaboration Narrows the Divide between Rural and Urban Obstetrical and Neonatal Nurses. (refereed presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, San Diego, CA.
- 27. Wyatt, S. N., & Rhoads, S. J., (2008, June). The Pregnant Mother's Experiences-Unexplored Feelings: the Impact of Bad News When Received through High-risk Telemedicine Consults. (invited refereed research presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, Los Angeles, CA.
- 28. **Rhoads, S. J.** (2007, November). Evaluation of a Nurse Facilitated Call Center in a Tertiary Care Facility for rural Health Care Providers and Patients. (refereed presentation). Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.
- 29. Garrett, J. E., **Rhoads, S. J.**, & Rainey, L. (2007, November). A Pilot Study of a Metacognitive Skills Diagnostic Test for Nursing Students. (refereed presentation). Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.
- 30. Lowery, C. L., **Rhoads, S. J.**, Hall-Barrow, J., Lewis, S., Imus, T., & Ott, R. (2007, May). Hospitalized Neonates and Distance Mothers: The Impact of Real-Time Telemedicine.

(refereed roundtable discussion). American Telemedicine Association Annual Conference, Nashville, TN.

- 31. **Rhoads, S. J.**, & Nantze, D. (2006, October). Mothers' Experiences Viewing their Neonate through ANGEL EYE During a Neonatal Intensive Care Unit Hospital Stay. (refereed research presentation). Pediatric Telehealth Colloquium, San Francisco, CA.
- 32. Wyatt, S. N., & **Rhoads, S. J.** (2005, June) Antenatal Testing: Who, What, When, Where and Why. (refereed presentation), Association of Women's Health, Obstetrical, and Neonatal Nursing (AWHONN) National Convention, Salt Lake City, UT.
- 33. **Rhoads, S. J.** & Wyatt, S. N. (2004, June). Hormone Replacement Therapy: What's the bottom line? (refereed presentation), AWHONN National Conference, Tampa, Florida.

Local/Regional Meetings (Refereed)

- 1. Bellflower, B, **Rhoads, S.** (2021, November). Teaching Nurse Practitioners and Students to Use Telehealth to Increase Access to Healthcare in Rural Tennessee. Rural Health Association of Tennessee. 27th Annual Conference. Pigeon Forge, TN.
- 2. Lefler, L., **Rhoads, S.** & Harris, M. (2021, February). Using Technology in Research to Address Diverse Care Needs: Tips from the Trenches. Southern Nursing Research Society 35th Annual Conference. Virtual.
- 3. Farrell, N.A.*, Graff, J.C., Jones, T., Day, S., Keisling, B.L., & **Rhoads, S.** (2021, February). Relationship of child health and parenting stress to child neurocognitive development. Southern Nursing Research Society 35th Annual Conference. Virtual.
- Rhoads, S. (2019, November) Rural Health Disparities in Obstetrical Care: the use of technology to reduce barriers. Rural Health Association of Tennessee 25th Annual Conference. Pigeon Forge, TN.
- 5. Lefler, L. & **Rhoads, S.** (2019) Acceptance of Older Adults to use mHealth equipment for Heart Failure Management. South Central Telehealth Forum. Nashville, TN.
- 6. Harris, M., **Rhoads, S.** & Lefler, L. (2019) Virtual Site Visits for Clinical Evaluation of Nurse Practitioner Students in a Rural Clinical Setting. South Central Telehealth Forum. Nashville, TN.
- 7. **Rhoads, S.**, Harris, Z. & Eswaran, H. (2019) Feasibility of Technology Use in a Rural Mentoring Program for Pregnant Women. South Central Telehealth Forum. Nashville, TN.
- 8. Harris, Z., **Rhoads, S.** (2018) Prenatal Care: What are we missing? 2018 Arkansas Home Visiting Network Conference. Hot Springs, AR.
- Mink, A.* & Rhoads, S. (2018). The Use of Mobile Health and Technology for Breastfeeding Support: A review of the literature. Arkansas Nursing Research Day, Little Rock, Arkansas.
- Rhoads, S.J., Funderburg, A., Lynch, C., Buron, W., Harris, M., Bush, E.*, Lefler, L, Fontanilla, J.⁺ & Beverly, C. (2016) A New Level of Understanding: mHealth use and Training for Nurse Practitioner Students. 2016 UAMS Teaching with Technology Symposium, Little Rock, AR.
- 11. Buron, W., Harris, M., **Rhoads, S.J.,** Funderburg, A. & Beverly, C. (2016) Virtual Site Visits with Nurse Practitioner Students. 2016 UAMS Teaching with Technology Symposium, Little Rock, AR.
- 12. Lefler, L., Harris, M., Lubin, S., Koss, C., James, K., **Rhoads, S.J.** & Beverly, C. (2016) Development of on-line education for preceptors. 2016 UAMS Teaching with Technology Symposium, Little Rock, AR.

- Williams, P., Wright, P. & Rhoads, S. (2016) Delphi Expert Panel Finds Best Practice Consensus for Training Community Engaged Research Partners in Virtual Forums. Southern Nursing Research Society 30th Annual Conference, Williamsburg, VA.
- Hughes, D.*, Ussery, D., Woodruff, D., Sandlin, A.*, Rhoads, S. (f/k/a Kinder), Magann, E. F. (2014, October) The Continuing Antepartum Management Program (CAMP): Outpatient Monitoring of High-risk Pregnancies. CAOG.
- 15. **Rhoads, S. J.,** Miller, K., Ivey, T.* & Johnson, S. (2014, July) Simulation Drills. Teaching with Technology Symposium, Little Rock, AR.
- 16. **Rhoads, S. J.** & Bush, E.E.* (2013, October) Telehealth in Arkansas: What nurses and APNs need to know? Arkansas Nurses Association Annual Conference, Springdale, AR.
- 17. **Rhoads, S.J.** & Eaton, B. (2013, September) Overview, Implications, Intervention and Prevention of Fetal Alcohol Syndrome in Young Children. Arkansas Conference for Parenting Education and Home Visitation, Hot Spring, AR.
- 18. **Rhoads, S.J.** & Green, A.L. (2013, April). Impact of Web-Camera Viewing of Neonates on Parent Stress, Anxiety, and Bonding. Research Day, UAMS. Little Rock, AR.
- 19. Glasgow, M.E & **Rhoads, S. J.** (2011, April). Computer or Consequences: Change for the Good, Really! Research Day 2011, Little Rock, AR.
- 20. Pitsch, S., **Rhoads, S.J.**, Hall-Barrow, J., Teague-Ross, T.J. (2010, October) Connecting Names with Faces: Nurse to Nurse Report. Arkansas Nurses Association (ARNA) Annual Convention, Little Rock, AR.
- 21. **Rhoads, S. J.**, (2009, October). Fetal Alcohol Syndrome: What do childbearing women need to know? Arkansas Nurses Association Annual Convention, Little Rock, AR.
- 22. **Rhoads, S. J.,** Stewart, A., Dufrene, P., Ivey, T. L., & Ott, R. E. (2009, June). Assimilate to Simulate: How Multidisciplinary Simulator-Driven Training Prepares for Obstetrical Emergencies. UAMS College of Nursing Arkansas Educator Conference, Little Rock, AR.
- 23. **Rhoads, S. J.**, & Morris, S. K. (2006, April). A Multidisciplinary Approach to Research Projects and Publication. Evidence for Practice 2006, Little Rock, AR.
- 24. **Rhoads, S. J.**, & Gangluff, D. (2005, October). Fetal Alcohol Syndrome A Multidisciplinary Approach. Advanced Practice Council Conference, Little Rock, AR.
- 25. **Rhoads, S. J. &** Wyatt, S. N. (2005, May). Perimenopause: To HRT or not to HRT. Arkansas Nurses Association (ARNA) District 10, 2005, Little Rock, AR.
- 26. **Rhoads, S. J.** (2004, October). Fetal Alcohol Syndrome A Multidisciplinary Approach. Arkansas Nurses Association (ARNA) State Convention, Hot Springs, AR
- 27. **Rhoads, S. J.** (2004, October). Fetal Alcohol Syndrome A Multidisciplinary Approach. Arkansas Student Nurses Association State Convention, Hot Springs, AR
- 28. **Rhoads, S. J.** & Wyatt, S. N. (2003, October). Hormone Replacement Therapy: What's the bottom line? Arkansas Nurses Association (ARNA) Conference, Little Rock, AR.

Poster Presentations

National/International Meetings (Refereed)

 Bogulski, C.A., Payakachat, N., Rhoads, S., Jones, R., McCoy, H.*, Dawson, L. & Eswaran, H. (2021, November) Acceptability of the Tele-lactation Consultation Services: A randomized feasibility study. Society for Education and Advancement in Research for Connected Health (SEARCH) 2021 – The National Telehealth Research Symposium Virtual Poster Session.

- Rhoads, S., Reed, P.J., Marshall, H., Bruno, S.⁺, Lefler, L. & Haynes, T. (2021, November) Community Engaged Research Advisory Board adaptations during the COVID-19 Pandemic. Society for Education and Advancement in Research for Connected Health (SEARCH) 2021 – The National Telehealth Research Symposium Virtual Poster Session.
- Harris, M, Martel, I, Rooker, J, Lefler, L., Rhoads, S. & Beverly, C. (2020, October 29) Advanced Practice Registered Nursing Students Perspectives on Experiences with Older Adults Living in Nursing Homes. National Hartford Center of Gerontological Nursing Excellence (NHCGNE) Virtual Poster Session.
- Rhoads, S.J., Harris, Z.⁺ & Eswaran, H. (2019). Improving Maternal/Infant Outcomes using a Community-based, Culturally Aware Intervention (Refereed poster/oral presentation). Putting the Care at the Center 2019, The National Center for Complex Health and Social Needs, Memphis, TN.
- 5. **Rhoads, S.J.**, McCoy, H.* & Eswaran, H. (2019). Virtual Lactation Visits to Support Breastfeeding Mothers. (refereed poster presentation). Sigma 30th International Nursing Research Congress, Calgary, CA.
- 6. Harris, Z.⁺, **Rhoads, S.** & Eswaran, H. (2019, January). Prenatal Care: What are we missing? Robert Wood Johnson Foundation All Grantee Meeting. Indianapolis, IN.
- 7. **Rhoads, S.J.**, McCoy, H.*, Eswaran, H. & Mink, A. (2018). Tele-lactation to Improve Breastfeeding. (refereed poster presentation). CityMatCh and MCH Epidemiology Conference. Portland, OR.
- Harris, Z.⁺, Rhoads, S.J. & Eswaran, H. (2018). Prenatal Care What are we missing? (refereed poster presentation). CityMatCh and MCH Epidemiology Conference. Portland, OR.
- Lefler, L., Rhoads, S.J., Harris, M., Lubin, S., Funderburg, A.E., Rooker, J.L., Martel, I.D., Faulkner, J.L. & Beverly, C. (2018) Feasibility and Engagement with mHealth Monitoring in Rural-Dwelling Older Adults with Heart Failure: A Pilot Study. (refereed poster presentation). American Heart Association's Scientific Sessions 2018, Chicago, IL.
- Lefler, L., Harris, M. Rhoads, S., Beverly, C. (2018) Evaluating the Use of mHealth Technology in Rural-Dwelling Older Adults With Heart Failure. (refereed poster presentation). The Gerontological Society of America's 70th Annual Scientific Meeting, Boston, Massachusetts.
- Glasgow, M., Pennington, T., Rhoads, S., Lowery, C. & Benton, T. (2018) POWER Towards Implementation. (refereed poster presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Tampa, FL.
- 12. Glasgow, M., Pennington, T., Rhoads, S., Lowery, C. & Benton, T. (2018) Have Simulation

 Will Travel. (refereed poster presentation). Association of Women's Health, Obstetric and
 Neonatal Nursing Annual Convention, Tampa, FL.
- 13. **Rhoads, S.J.** (2018). Tele-lactation to Improve Breastfeeding. Association of Public Health Nurses Annual Convention, Little Rock, AR.
- 14. Harris, M., Mendiratta, P., Hutchinson, L., Rhoads, S., McMinn, M., Boggs, A., Dippel, C., Presson, C., Loudermilk, V., Tilley, Z., Taylor, L., McPhee, A. & Beverly, C. (2018, May). Innovation in Interprofessional Learning Activities: Student Video Production on Late-Life Depression. American Geriatric Society 2018 Annual Scientific Meeting. Orlando, FL.
- 15. Eswaran, H., **Rhoads, S.J**., Lynch, C.E., Ounpraseuth, S.T. & Gauss, C.H. (2017, November). Adherence of mHealth Monitoring in Women Post-Delivery with Hypertension.

IEEE-NIH 2017 Special Topics Conference on Healthcare Innovations and Point-of-Care Technologies. Bethesda, MD.

- 16. Lynch, C.E., Rhoads, S.J., Eswaran, H, Ounparaseuth, ST, Gauss, CH. (2017, April). Strategies for Increasing User Compliance with Remote Patient Monitoring in Postpartum Hypertensive Women. Society for Education and the Advancement of Research in Connected Health (SEARCH), Leesburg, VA.
- Rhoads, S.J., Serrano, C., Lynch, C., Ounpraseuth, S., Gauss, C.H., Lowery, C., Danjani, N. & Eswaran, H. (2016). Feasibility of mHealth monitoring in Postpartum Women. American Academy of Nursing Conference 2016, Washington, DC.
- Bush, EE*, Rhoads, S.J., Ott, R (2015, October). Statewide Support Network to Improve Breastfeeding Rates in Arkansas. American Public Health Association Annual Conference, Chicago, IL.
- 19. **Rhoads, S.J.**, Bush, EE*, Cherepski, A (2015, October). Nursing Star Trek Style. American Public Health Association Annual Conference, Chicago, IL.
- 20. Hughes DS*, Williams DJ, Woodruff DL, Sandlin AT, **Rhoads S.** (f/k/a Kinder), Magann EF. (2014, October). The continuing antepartum management program (CAMP): Outpatient monitoring of high risk pregnancies. (refereed poster presentation) Central Association of Obstetricians and Gynecologists, Albuquerque, New Mexico.
- 21. Rhoads, S. J., & Cherepski, A. (2014, June). eLearning In OB & HIV: Utilizing Online Interactive Scenarios To Replicate Critical Decision Making Moments. (refereed poster presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Orlando, FL. Published abstract in JOGNN, 43, S1, 5-6. DOI: 10.1111/1552-6909.12368
- 22. **Rhoads, S. J.** (2014, May). Differences between Mothers and Fathers When Viewing Their Hospitalized Neonate Via Web-camera. (refereed poster presentation). American Telemedicine Association, Baltimore, MD. (Top 5 Student Poster Awardee)
- 23. **Rhoads, S.J.** & Green, A.L. (2012, April). Web-Cameras that Work for the NICU Nurse and Family: Evaluation of the Angel Eye Camera System. (refereed poster presentation). Society of Pediatric Nurses 22nd Annual Convention. Houston, TX.
- 24. Harris, J., Hamilton, N., Smith, B., Green, A., **Rhoads, S**. (2011, July). Staff Development in the Rural Setting: A Telenursing Education Project for Pediatric Nurses in Arkansas. National Nurses Staff Development Organization 2011 Convention. Chicago, Illinois.
- 25. Low, G., **Rhoads, S. J.**, James, D., Ivey, T. L. & McKelvey, S. (2011, May) No Longer an Island: Rural nurse practitioners gain support through telehealth. (refereed poster presentation). American Telemedicine Association, Tampa, FL.
- 26. Lewis, S. D., Benton, T. L., Pitsch, S. A., Teague-Ross, T. J. & Rhoads, S. J. (2010, September). Counting Beds and Shuffling Babies: Coordinating labor and delivery and NICU bed space across Arkansas. (refereed poster presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, Las Vegas, NV.
- 27. Williams, D.J., Ivey, T.L., Benton, T. L. & **Rhoads, S. J.** (2010, September). Another Set of Eyes: Remote fetal monitoring surveillance aids the busy labor and delivery unit. (refereed poster presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, Las Vegas, NV.
- 28. **Rhoads, S. J.,** Ivey, T. L., & Glasgow, M. E. (2010, September). Speaking the same language: Is it possible to educate every obstetric nurse and physician in Arkansas on the

current fetal heart monitoring terminology? (refereed poster presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, Las Vegas, NV.

- 29. **Rhoads, S. J.,** Lowery, C. L., Stewart, M. K., Yeary, K. K. & Ott, R. E. (2010, May). Reaching the Unreachable: Interactive video strategies in rural research. (referred poster presentation). American Telemedicine Association, San Antonio, TX.
- 30. **Rhoads, S. J.,** Ivey, T. L., Stewart, A., McKelvey, S., & Ott, R. E. (2009, June). Assimilate to Simulate: How Multidisciplinary Simulator-Driven Training Prepares for Obstetrical Emergencies. (refereed poster presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, San Diego, CA.
- 31. **Rhoads, S. J.,** Cohen, E. & Ott, R. E. (2009, April). Accommodating Rural Practice: Standardized Courses Receive an Injection of Technology. (refereed poster presentation). American Telemedicine Association, Las Vegas, NV.
- 32. Ivey, T., Glasgow, M., & **Rhoads, S. J.** (2008, June). Facilitating Education of Rural Nurses via Telemedicine. (refereed poster presentation). Association of Women's Health, Obstetrical, and Neonatal Nursing Annual Convention, Los Angeles, CA.
- 33. Morris, S. K., Ott, R., Rhoads, S. J., & Jackson-Moore, D. (2007, June). Map to Inspire Excellence: The Benefits of a Multidisciplinary Team for research, Assessment and Evaluation. (refereed poster presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Orlando, FL.
- 34. Ivey, T. L. Smith, B. L., **Rhoads, S. J.**, & Davis, C. (2007, June). Building Collaboration in a Rural State: A Monthly Telecommunicated Nursing Grand Rounds for Obstetrical Nurses throughout Arkansas. (refereed poster presentation). Association of Women's Health, Obstetric and Neonatal Nursing Annual Convention, Orlando, FL.

Local/Regional Meetings (Refereed)

- Payakachat, N., Eswaran, H., Rhoads, S., McCoy, H.*, Ounpraseuth, S. & Lowery, C. (2021) Feasibility of TeleLactation Service: Results from a Mixed Methods Analysis. Showcase of Medical Discoveries Digital Health & Innovation. Virtual.
- 2. Lefler, L., **Rhoads, S.J.**, Harris, M. (2021) A Pilot Study Evaluating the Use of Mobile Health Technology in Older Adults with Heart Failure: Foundation for a Clinical Trial. Showcase of Medical Discoveries Digital Health & Innovation. Virtual.
- Lefler, L., Rhoads, S.J., Harris, M., Rooker, J.L., Martel, I.D. & Beverly, C. (2019) Evaluating The Use Of Mobile Health Technology In Older Adults With Heart Failure: Mixed-Methods Study (refereed poster presentation). Arkansas Nursing Research Day. Little Rock, AR.
- 4. Lefler, L., **Rhoads, S.,** Harris, M., & Beverly, C. (2019) Feasibility of mHealth Technology to Improve Self-Management of Heart Failure in Older Adults (refereed poster presentation). Southern Nursing Research Society, Orlando, FL.
- 5. Beasley, B.*, Barone, C., Heo, S., Wright, P., Selig, J., **Rhoads, S.** & Griebel, J. (2019) Factors Associated with Healthcare Professionals' Acceptance of eICU[®] (refereed poster presentation). Southern Nursing Research Society, Orlando, FL.
- Glasgow, M., Pennington, T., Rhoads, S., Lowery, C. & Benton, T. (2018) POWER Towards Implementation. (refereed poster presentation). Arkansas Nursing Research Day, Little Rock, Arkansas.

- Glasgow, M., Pennington, T., Rhoads, S., Lowery, C. & Benton, T. (2018) Have Simulation – Will Travel. (refereed poster presentation). Arkansas Nursing Research Day, Little Rock, Arkansas.
- Harris, M., Mendiratta, P., Hutchinson, L., Rhoads, S., McMinn, M., Boggs, A., Dippel, C., Presson, C., Loudermilk, V., Tilley, Z., Taylor, L., McPhee, A. & Beverly, C. (2018, May). Innovation in Interprofessional Learning Activities: Student Video Production on Late-Life Depression. Arkansas Nursing Research Day, Little Rock, Arkansas.
- 9. Harris, M., Lefler, L., Beverly, C., **Rhoads, S.** & Buron, B. (2017). Advanced practice nursing student perspectives on rural clinical experiences and older adults with heath disparities. (refereed poster presentation) Arkansas Nursing Research Conference. Little Rock, AR
- 10. Harris, M., Lefler, L., Beverly, C., **Rhoads, S.** & Buron, B. (2017) Advanced practice nursing students' perspectives on rural clinical experiences and older adults with health disparities. (refereed poster presentation) Southern Nursing Research Society. Dallas, TX.
- 11. **Rhoads, S.J.** & Green, A.L. (2014, February) Impact of Web-Camera Viewing of Neonates on Parent Stress, Anxiety, and Bonding. (refereed poster presentation) Southern Nursing Research Society, San Antonio, TX.
- 12. **Rhoads, S.J.** (2013, February). Reaching the Unreachable: Interactive Video Strategies in Rural Research. (refereed poster presentation) 27th Annual Southern Nursing Research Society Conference. Little Rock, AR.
- 13. Rhoads, S.J. & Green A.L. (2013, February). Feasibility of Web-Based Surveys for Family Users of a Web-Camera System. (refereed poster presentation). 27th Annual Southern Nursing Research Society Conference. Little Rock, AR.
- 14. **Rhoads, S. J.** (2011, April). The Angel Eye Program: Pilot study to determine the feasibility of web-based surveys of families who currently have a neonate in the neonatal intensive care unit. (refereed poster presentation). Research Day 2011, Little Rock, AR.
- 15. Ivey, T. L., Smith, B. L., Rhoads, S. J., & Davis, C. (2007, October). Building Collaboration in a Rural State: A Monthly Telecommunicated Nursing Grand Rounds for Obstetrical Nurses throughout Arkansas. (refereed poster presentation). Arkansas Nurses Association, Springdale, AR.
- 16. **Rhoads, S.** (2007, April). Evaluation of a Nurse-Facilitated Call Center. (refereed presentation), Evidence for Practice, UAMS Research Day, Little Rock, AR.
- 17. **Rhoads, S.** (2007, February). Mothers' Experiences Viewing their Neonate through ANGEL EYE During a Neonatal Intensive Care Unit Hospital Stay. (refereed research poster), Southern Nursing Research Society, Galveston, TX.
- 18. **Rhoads, S. J.,** Hall-Barrow, J., & Lewis, S. (2007, January). ANGEL EYE: Helping Families Connect with Their Hospitalized Neonates. (refereed poster), UAMS Perinatal Conference, North Little Rock, AR.
- 19. **Rhoads, S. J.,** Hall-Barrow, J., & Lewis, S. (2006, October). ANGEL EYE: Helping Families Connect with Their Hospitalized Neonates. (refereed poster), Arkansas Nurses Association Convention, Hot Springs, AR.
- 20. **Rhoads, S. J.**, (2001, February). Protocol for screening and treating bacterial vaginosis in asymptomatic High-risk pregnant women in their second trimester. (refereed poster), Research Day, Little Rock, AR.

21. **Rhoads, S. J.**, & Wyatt, S.N. (2000, October). Protocol for screening and treating bacterial vaginosis in asymptomatic High-risk pregnant women in their second trimester. (refereed poster), ARNA Conference, Springdale, AR.

Local/Regional Meetings (Other)

- Fant, M.,* Carroll, L., & Rhoads, S. (2023). Exploring Perceptions of Patient-Clinician Communication in Black Mothers Diagnosed with an Acute Post-Partum Hypertensive Crisis: A Mixed Methods Study. Graduate Research Day, College of Graduate Health Sciences, Memphis, TN.
- Russell, J.* & Rhoads, S. (2023). The Impact of Community-Wide Natural Disasters on Breastfeeding Mothers. Graduate Research Day, College of Graduate Health Sciences, Memphis, TN.
- 3. Fant, M.* & **Rhoads, S.** (2022). Exploring Perceptions of Patient-Clinician Communication in Black Mothers Diagnosed with an Acute Post-Partum Hypertensive Crisis: A Mixed Methods Study. Graduate Research Day, College of Graduate Health Sciences, Memphis, TN.
- ⁺Community Research Partner

*Student (graduate and undergraduate students)

***Please see attached Presentation and Poster Table in Appendix A for an overview

 $Podcasts \ge 2010$

- 1. Champions for Rural Health Equity. (2021, November) Now That's Healthful https://podcasts.apple.com/us/podcast/25-rural-health-inequities-dr-dee-blakney-dr-sarahrhoads/id1571801997?i=1000542430591
- 2. Virtual Site Visits. (2019, May) Nurse Educator https://journals.lww.com/nurseeducatoronline/pages/podcastepisodes.aspx?podcastid=4
- 3. Tele-lactation Study. (2019, March) LearnTelehealth.org https://soundcloud.com/learntelehealth/episode-24-telelactation-study
- 4. Telehealth: What Nurses and Nurse Practitioners need to know Part 1 (2018, August) LearnTelehealth.org http://learntelehealth.org/2017/08/telehealth-nurses-nursepractitioners-need-know-ar-edition-episode-14/?utm_source=Learn+Telehealth+Newsletter+-+September+2017&utm_campaign=LTH+September+News&utm_medium=email
- Telehealth: What Nurses and Nurse Practitioners need to know Part 2 (2018, September) LearnTelehealth.org https://soundcloud.com/learntelehealth/episode-14-telehealth-whatnurses-and-nurse-practitioners-need-to-know-part-1 https://soundcloud.com/learntelehealth/telehealth-talk-episode-6-part-2

WORKSHOPS/SEMINARS PROVIDED (Since 2018)

Opioid Conference 2021, February 2, 2021 (Virtual)

Serving Families affected by Opioid Misuse (78 Attendees)

Preconference **Proper Prescribing of Controlled Substances** (84 completers) Opioid Conference 2022, May 2 & 3, 2022, Shelby Farms FedEx Event Center (in person)

Serving Family affected by Opioid Misuse (111 attendees)

Preconference **Telepsychiatry for Clinicians** (53 attendees)

Opioid Conference 2023, March 2 & 3, 2023, Shelby Farms FedEx Event Center (in person)

Serving Families affected by Opioid Misuse Across the Lifespan (152 attendees) Preconference **Proper Prescribing of Controlled Substances** (114 attendees)

PATENT APPLICATIONS AND AWARDS

Angel Eye Camera System

Receiving royalties regarding the creation of Angel Eye Camera System. Facilitated in the hardware and software development for the system.

CONSULTATION ACTIVITIES

PCORI Grant Comparative evaluation of Telehealth Multi-Component Optimal Model (MOM) of postpartum care among rural, low-income, and diverse women.

Callaghan-Koru, J. (PI), McElfish, P. (Co-I)

Rhoads, S. (Consultant) remote patient monitoring and in home telehealth for postpartum moms and rural health care.

Appendix A

Publication Table

(Hire Date at UTHSC is August 2018. Scholarly products since hired at UTHSC are indicated in orange)

	≤2017	2018	2019	2020	2021	2022	2023	Total
Refereed Publications								
Data Based	8	1	2	3	1	1	1	17
Non-Data Based	11			1	1	1		14
Evidence-based guideline	8							8
Data-Based Published Abstracts	8	2	1		1	2		14
						Total since 2018		18
Non-refereed Publications								
Newsletter Articles	14							14
Blogs	2							2
Annual Reports	10	1						11
White Papers/Position Statements			1					1

Grants Table

≤2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
15	6	3	2	2	1	2	3	0	33
								2	
17	5	4	5	1	3	4	3	5	
				Total funded grants since 201810					10
	15	15 6			15 6 3 2 2 17 5 4 5 1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	15 6 3 2 2 1 2 17 5 4 5 1 3 4	15 6 3 2 2 1 2 3 17 5 4 5 1 3 4 3	15 6 3 2 2 1 2 3 0 17 5 4 5 1 3 4 3 5

Presentation and Poster Table

	≤2017	2018	2019	2020	2021	2022	2023	Total
International / National Activities								
Presentations (Refereed)	19	4	1		1	3	5	33
Posters (Refereed)	20	8	3	1	2			34
Presentations (Invited)	14	7	2	2	3	1		33
Posters (Invited)	1		2					3
					Total Since 2018			44
Regional / State Activities								
Presentations (Refereed)	19	2	4		3			28
Posters (Refereed)	13	3	3		2			21
Presentations (Invited)	44		8	2	5	3	1	63
Posters (Invited)	1							1
Posters (other)						1	2	3
Lectures (Invited)				1	2	3	1	7
					Total	47		

Appendix B Community Engaged Research - Contributions to Science and Impact

Over the past 15⁺ years, my research studies have been firmly grounded in rural communities and telemedicine (TM). As a researcher, clinician, and educator, I emphasize the need for multidisciplinary (Team Science) research in partnership with the community. Many of my research and project grants have been located in rural (Rural Urban Continuum Code \geq 4) Arkansas (AR), Tennessee (TN), and Mississippi (MS) using telemedicine (TM). I partner with communities to understand and identify their needs to collaboratively develop research studies and implement telemedicine technologies in the most rural areas. I have formed over 10 Community Advisory Boards (CAB) for research studies and program grants. Current and previous CABs are noted below (CAB, TM). In July 2019, I received a federal grant [T94HP32894-02-00] to assist with nurse practitioner education and placement upon graduation in rural and underserved areas in AR, TN, and MS. This grant further builds academic-practice partnerships with health systems, rural clinics, and rural health care providers (current CAB, TM). I am currently the site PI and Co-Investigator for a Patient Centered Outcomes Research Institute (PCORI) funded study - Comparing In-person and Telemedicine Visits in Older Adults living with Heart Failure [PCORI/IHS-2018C3-14770] (current CAB, TM, Team Science). I have a long-standing history of multidisciplinary collaboration in education, research, and practice beginning with my role as Director of Education for the Center of Rural Health at the University of Arkansas for Medical Sciences. I have been the primary investigator on multiple grants related to rural and distance education and the use of TM to decrease health care access and research participation barriers. I was the Primary Investigator for 8 years with the South Central Telehealth Resource Center (CAB, TM, Team Science), which facilitates TM education to providers and consumers in Arkansas, Mississippi, and Tennessee, and I received a subaward for a satellite telehealth training center at UTHSC [GA5RH37458-01-00] (TM, Team Science). Co-authors listed in the citations with an * are current or former proteges, and community partner co-authors are indicated with a ⁺.

Community Engaged / Team Science Publications (Selected)

- Pyles THE,⁺ Umi SA,^{+*} Madubuonwu S^{+*}, Stiles A⁺, Devane-Johnson S, Scott H,⁺ Rhoads S, Russell JH^{*}. Breastfeeding Sisters That Are Receiving Support: Community-Based Peer Support Program Created for and by Women of Color. Breastfeed Med. 2021 Feb;16(2):165-170. PubMed Central PMCID: PMC7891194.
- Rhoads, S., Eswaran, H. & Harris, Z.⁺ (2020). Using Technology to Enhance the Arkansas Birthing Project. Retrieved from: <u>https://2jywg813w195318ee51g9iti-wpengine.netdna-ssl.com/wp-content/uploads/2019/08/IRL-Issue-Brief06-Arkansas-1.pdf</u>
- Magann, E., Eswaran, H., McCoy, H.*, Ounpraseuth, S., Rhoads, S. & Lowery, C. (2020). High-risk Obstetrical Call Center vs. Healthcare Providers: Is there Consistency in Advice Given? [published online ahead of print, 2020 Apr 23]. J Matern Fetal Neonatal Med. 2020;1–6. DOI: <u>10.1080/14767058.2020.1757061</u>
- Rhoads, S. & Rakes, L. (2020) Telehealth Technology: Reducing Barriers for Rural Residents Seeking Genetic Counseling. Journal of the American Association of Nurse Practitioners. DOI: <u>10.1097/JXX.000000000000373</u>
- Payakachat, N., Rhoads, S., McCoy, H.*, Dajani, N., Eswaran, H. & Lowery, C. (2020). Using mHealth in postpartum women with preeclampsia: A qualitative analysis. International Journal of Gynecology and Obstetrics. PMID: 32119129 DOI: <u>10.1002/ijgo.13134</u>

Community Engaged / Team Science Grants (Selected)

1. Health Resources and Services Administration (HRSA) Advanced Nursing Education Workforce for Healthy Delta Moms and Babies. 7/1/2019-6/30/20. **Rhoads (PI)**, Day (Co-PI), Bellflower (Co-I), Reed (Co-I), Sharp (Co-I), Fouquier (Co-I).

- 2. National Institutes of Health, Data Coordinating & Operations Center for the IDeA State Pediatric Clinical Trial Network, Lee, Jeanette (PI) Role: **Rhoads Co-Investigator** Professional Development Core
- 3. Robert Wood Johnson Foundation, **Rhoads (PI)** Co-PI Eswaran, Co-PI Harris Enhancing the Arkansas Birthing Project through Technology
- 4. Translational Research Institute, Barriers related to mHealth monitoring in postpartum women **Rhoads** (**PI**) Co-PIs Christina Serrano, PhD University of Arkansas at Fayetteville, Nafisa Dajani, MD, Everett Magann, MD, Hari Eswaran, PhD.
- 5. Health Resources and Services Administration Maternal Child Health Bureau (MCHB) **Rhoads (PI)** Delta Interactive Solution to Collaborate Over Video for Education and Resources for Maternal Child Health Leadership (DISCOVER)

Maternal/Infant Health Presentations (Selected)

- 1. Bingham, D., Bellflower, B., Romano, A. & **Rhoads, S.** (2021, June). Implementing Perinatal Quality Improvement. Perinatal Quality Improvement. Webinar.
- 2. **Rhoads, S.** (2020, October) Virtual Care For Women: Best practices for telemedicine. 23rd Annual Premier Women's Healthcare Virtual Conference.
- 3. **Rhoads, S.** & Harris, Z.⁺ (2020, September 4). Collaborative Partnerships to Promote Action-Oriented Research. Memphis, TN.
- 4. Bingham, D. & **Rhoads, S.** (2019, October). Implementing Perinatal Quality Improvement. Perinatal Quality Improvement. Dallas, TX.
- 5. Persia, K.*, Grumski, T., **Rhoads, S. J.** (2019, November) Facilitating Support for Parents of Children Who Have Been Newly Diagnosed With Diabetes (Poster), Sigma Theta Tau International Biennial Convention, Washington DC, United States.
- 6. Bingham, D. & **Rhoads, S.** (2019, March). Implementing Perinatal Quality Improvement. Perinatal Quality Improvement. New York, NY.

Implementation of Evidence-based Practice through Innovation (Selected)

- High-fidelity Interprofessional Simulations on-site at rural hospitals throughout Arkansas
- Maternal/Infant Case Conferences broadcast to rural facilities in Arkansas through interactive video and webinar since 2007
- Interactive modules for pregnant women related to health topics in pregnancy and after birth which is housed on <u>www.patientslearn.org</u>
- Community based partnership to provide social support for pregnant women of color in Arkansas The Arkansas Birthing Project

Connected Health – Contributions to Science and Impact

Connected Health also known as telehealth, telemedicine and mHealth technology can be an invaluable resource in healthcare. Many technologies are implemented without assessing the impact on the medical and nursing staff, the patient perspective, and the impact on outcomes. I strive to assess the impact of telehealth technologies prior to implementation. I was the lead on the research studies that improved the neonatal intensive care unit virtual visiting web-site and hardware design which is called Angel Eye Cameras. My research studies related to technology assessed the impact on both the hospital staff and the patient or lay user perspective. As a part of my telehealth research initiatives, I also examine the best way to enhance provider practice.

Patient and Family Centered care can be facilitated through technology. I believe health care providers should always keep the care of the patient and the family forefront in clinical care and when conducting research. Technology does not have to be a barrier. In fact, when used correctly, it can enhance communication and improve the quality of care for patients and families. As a nurse and nurse practitioner, I have worked closely with patients and their families to collaborate with their care. I was previously a Co-I on a Patient Centered Outcomes Research study. Through this study, we will develop educational materials for the public related to health care and research. My web-camera research studies in the neonatal intensive care unit (NICU) were conducted with parents as well as nurses to improve the system and create a positive experience for both the families and the NICU staff.

Connected Health Publications (Selected)

- Magann, E., Eswaran, H., McCoy, H.*, Ounpraseuth, S., Rhoads, S. & Lowery, C. (2020). High-risk Obstetrical Call Center vs. Healthcare Providers: Is there Consistency in Advice Given? [published online ahead of print, 2020 Apr 23]. J Matern Fetal Neonatal Med. 2020;1–6. DOI: <u>10.1080/14767058.2020.1757061</u>
- Rhoads, S. & Rakes, L. (2020) Telehealth Technology: Reducing Barriers for Rural Residents Seeking Genetic Counseling. Journal of the American Association of Nurse Practitioners. DOI: <u>10.1097/JXX.000000000000373</u>
- 3. Payakachat, N., **Rhoads, S.,** McCoy, H.*, Dajani, N., Eswaran, H. & Lowery, C. (2020). Using mHealth in postpartum women with preeclampsia: A qualitative analysis. International Journal of Gynecology and Obstetrics. PMID: **32119129** DOI: <u>10.1002/ijgo.13134</u>
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- 5. Harris, M., **Rhoads, S.J.**, Lefler, L., Rooker, J., Kelly, M.A., Lubin, S., Martel, I. & Beverly, C. (2019 accepted). Feasibility of Virtual Clinical Site Visits in a Nurse Practitioner Program. Nurse Educator.
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- 7. **Rhoads, S.J.** (2016) Healthcare in a Virtual World. *Nurse Management, 47*, 18-19. PMID:27465964 DOI: 10.1097/01.NUMA.0000488864.61946.ad

Connected Health Grants (Selected)

- 1. Satellite Telehealth Training Center for the South Central Telehealth Resource Center. The TTC is located in the newly remodeled UTHSC College of Nursing Crowe Building and has state-of-the-art telehealth and video-conferencing technologies for training and educational purposes. The TTC will officially open the Fall of 2021.
- South Central Telehealth Resource Center is one of 14 telehealth resource centers funded through the Health Resources and Services Administration's Office of Rural Health Policy (Office for Advancement for Telehealth) I have been the Primary Investigator for this grant since it was initially funded in 2010. I lead a team to provide education, technical assistance and resources related to telehealth and connected health in Arkansas, Tennessee and Mississippi. We also provide national assistance as well when requested. Learntelehealth.org Rhoads PI (2010-2018)

Connected Health Presentations (Selected)

As a leader in the telehealth field, I have been asked to present on the local, regional and national level. Below is a list of national organizations where I have either given an invited or peer reviewed presentation.

i. American Nurses Association

- ii. American Nursing Informatics Association
- iii. American Public Health Association
- iv. American Telemedicine Association
- v. Association of Women's Health, Obstetric and Neonatal Nurses
- vi. National Institute for Children's Health Quality (NICHQ)
- vii. Health Resources and Services Administration (Multiple Webinars)
- viii. Healthcare Information Management Systems Society (HIMSS)
- ix. Institute for Healthcare Improvement (IHI) National Forum on Quality Improvement in Health Care
- x. Society for Education and Advancement of Research in Connected Health (SEARCH)

Product Development

Angel Eye Web-Camera http://angels.uams.edu/patients/programs-2/angel-eye/

Website and Program Development

- a. <u>CENow.uthsc.edu</u>
- b. Learntelehealth.org
- c. LearnonDemand.org
- d. Patientslearn.org