

CURRICULUM VITAE

MICHAEL E. ANDERS, PHD, MPH

Office of Educational Development
Division of Academic Affairs
University of Arkansas for Medical Sciences

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EDUCATION

- 1999 - 2006 University of Arkansas
Fayetteville, Arkansas
Doctor of Philosophy, Health Science
- 1995 - 1997 Tulane University School of Public Health and
Tropical Medicine
New Orleans, Louisiana
Master of Public Health
- 1986 - 1987 University of Arkansas for Medical Sciences
Little Rock, Arkansas
Associate of Science, Emergency Medical Science - Paramedic
- 1983 - 1985 University of Arkansas for Medical Sciences
Little Rock, Arkansas
Associate of Science, Respiratory Care
- 1975 - 1980 Louisiana State University
Baton Rouge, Louisiana
Bachelor of Science, Education

ACADEMIC APPOINTMENTS

- 2019-present University of Arkansas for Medical Sciences
Academic Affairs
Office of Educational Development
Associate Professor of Assessment and Evaluation

2011-present	University of Arkansas for Medical Sciences College of Nursing Adjunct Associate Professor
2016-present	University of Arkansas for Medical Sciences College of Health Professions Department of Respiratory Care Adjunct Associate Professor
2023-present	University of Louisiana Monroe Graduate School Adjunct Associate Professor
2004 – 2016	University of Arkansas for Medical Sciences College of Health Professions Department of Respiratory Care Associate Professor
2010 – 2019	University of Arkansas for Medical Sciences College of Public Health Department of Health Behavior and Health Education Adjunct Associate Professor
1998 - 2004	University of Arkansas for Medical Sciences College of Health Professions Department of Respiratory and Surgical Technologies Assistant Professor
1986 - 1987	University of Arkansas for Medical Sciences College of Health Related Professions Department of Respiratory Care Adjunct Faculty

PROFESSIONAL EXPERIENCE

2012 – 2019	Director Simulation Center Centers for Simulation Education Division of Academic Affairs University of Arkansas for Medical Sciences
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2002 – 2009	University of Arkansas for Medical Sciences College of Health Professions Director of Student Affairs
2006 - 2007	University of Arkansas for Medical Sciences College of Public Health Arkansas Statewide Tobacco Programs and Services Provider Education Faculty Trainer
1995 - 1998	Arkansas Children’s Hospital Respiratory Care Services Education and Diagnostics Manager
1989 - 1998	Arkansas Children’s Hospital Cardiovascular Services Extracorporeal Life Support Technical Specialist
1991 - 1995	Arkansas Children’s Hospital Respiratory Care Services Education-Research Coordinator
1990 - 1991	Arkansas Children’s Hospital Respiratory Care Services Assistant Education-Research Coordinator
1985 - 1990	Arkansas Children’s Hospital Respiratory Care Services Transport Therapist/Paramedic
1984 - 1985	Arkansas Children’s Hospital Respiratory Care Services Staff Therapist

HONORS AND AWARDS

Education Scholar. Educators Academy, University of Arkansas for Medical Sciences, 2015-present. University of Arkansas, Health Science Doctoral Student of the Year, 2006.

Health Science Doctoral Student of the Year, 2006. University of Arkansas

Respiratory Care Practitioner of the Year - Central District. Arkansas Society for Respiratory Care, 2000.

Diamond Conference Achievement Award. Arkansas Children's Hospital, 1998.

Literary Award (co-investigator), American Association for Respiratory Care, 1995.

Respiratory Specialty Abstract Award (co-investigator), Society of Critical Care Medicine, 1995.

Best Basic Science Abstract Award (co-investigator), American Academy of Pediatrics, 1994.

Siemens Servo Clinical Abstract Competition Award (co-investigator), 1993.

Peer Award, University of Arkansas for Medical Sciences, College of Health Related Professions, School of Respiratory Therapy, 1985.

Alpha Eta, University of Arkansas for Medical Sciences, College of Health Related Professions, 1985.

GRANTS AND CONTRACTS

Arkansas Institutional Development Award Network of Biomedical Research Excellence. NBRE program, National Institute of General Medical Sciences, National Institutes of Health, 2022-present; \$18,400,000.
Role: Internal Evaluator

Initiative for Maximizing Student Development Program (R25), National Institutes for Health, 2020-present; \$2,800,190
Role: Program Evaluator

Initiative for Maximizing Student Development Program, Supplement, National Institutes for Health, 2022-present; \$112,089
Role: Program Evaluator

Summer Undergraduate Research Program to Increase Diversity in Research, National Institutes for Health, 2020-present; \$500,000
Role: Program Evaluator

Improving Learner Engagement, Deep Learning and Critical Thinking through Team-Based Learning. College of Nursing Intramural Grant. University of Arkansas for Medical Sciences, 2023; \$965
Role: Co-investigator

Emotional Intelligence Professional Development for Dental Hygiene Faculty. Educational Innovations Grant, Office of Educational Development, University of Arkansas for Medical Sciences, 2022; \$2,055
Role: Co-investigator

Peer-to-Peer Teaching in a Hematology Oncology Fellowship. Educators Academy educational grant, Office of Educational Development, University of Arkansas for Medical Sciences, 2019; \$2,500

Role: Co-investigator

Child Abuse Curriculum for Anesthesiology Residents. Educators Academy educational grant, Office of Educational Development, University of Arkansas for Medical Sciences, 2019; \$2,500

Role: Co-investigator

Interprofessional Education Addressing Gender Affirming Patient Care. Center for Interprofessional Education, University of Arkansas for Medical Sciences, 2016; \$10,900

Role: Co-investigator

Syphilis Testing Result Education and Counseling Simulation, Center for Interprofessional Education, University of Arkansas for Medical Sciences, 2016; \$2,500

Role: Co-investigator

Advocacy for Basic Science Funding: An Interprofessional Simulation, Center for Interprofessional Education, University of Arkansas for Medical Sciences, 2016; \$2,500

Role: Co-investigator

Simulation Outreach to Address Patient Safety. Blue and You Foundation, 2015-2016; \$111,000.

Role: Co-investigator

Simulation in Nursing Education. Arkansas Partnership for Nursing's Future, Arkansas Department of Labor, 2014-2015; \$54,000.

Role: Co-investigator

Interprofessional Education: Ventilator Bundle Simulation. College of Health Professions Dean's Society, University of Arkansas for Medical Sciences. 2012-2013; \$2,079.

Role: Principal Investigator

Increasing the frequency and quality of evidence-based health care provider interventions for treating tobacco use and dependence. Medical Education Grant, Pfizer Medical Education Group. 2010-2012; \$400,000.

Role: Principal Investigator 2012;

Co-principal Investigator 2010-2011

Initiating smoking cessation in the emergency department. Tailored Biobehavioral Interventions Research Center, University of Arkansas for Medical Sciences; National Institute of Nursing Research P20 grant. 2007 - 2008; \$21,300.
Role: Principal Investigator

Provider Education Program. Arkansas Department of Health and Human Services; Arkansas Statewide Tobacco Programs and Services. 2006 - 2007; \$1,200,000.
Role: Provider Education Faculty Trainer; 20 percent salary support
Principal Investigator: Christine Sheffer, PhD

Arkansas Continuing Education for Bioterrorism Preparedness of Health Professionals. U.S. Department of Health Resources and Services Administration. 2003 - 2005; \$1,749,534.
Role: Steering Committee, faculty, and program director for statewide conferences for allied health professionals; 10 percent salary support.
Principal Investigator: Charles Cranford, DDS

Efficacy of metered-dose inhaler albuterol administration in intubated infants. Baxter Healthcare Corporation. 1993; \$15,000.
Role: Co-investigator
Principal Investigator: Al Torres, MD

Comparison of work of breathing in newborn lambs during positive airway pressure, pressure support, and volume support ventilation with and without bias flow. Arkansas Children's Hospital Research Center, Research Development Fund. 1993; \$20,000.
Role: Co-investigator
Principal Investigator: Mark Heulitt, MD

Work of breathing in pediatric patients during continuous positive airway pressure, pressure support, and volume support ventilation utilizing the Servo 300 ventilator. Siemens Medical Systems; 1992; \$10,000.
Role: Co-investigator
Principal Investigator: Mark Heulitt, MD

PUBLISHED MANUSCRIPTS IN PEER-REVIEWED JOURNALS

Ackles C, **Anders M.** Seeking Education, Equity, and Diversity (SEED): The Learning Experience, Cultural Humility, and Intention to Effect Change. *Journal of Regional Medical Campuses* 2023;6. DOI: <https://doi.org/10.24926/jrmc.v6i2.4879>

Riley E, Stickle K, Dayer L, Teigen A, Richardson L, Trotter S, Nagel C, McFerguson R, Ward N, **Anders M.** Interprofessional Naloxone Student Training to Manage Suspected Opioid Overdose. *Clinical Nurse Specialist*, 2023; 37. DOI: 10.1097/NUR.0000000000000720.

Heo S, Haley B, Wright, P, Barone, CP, **Anders ME**, Bertulfo, T, Troyan, P. Factors associated with changes in patient-centered care in undergraduate nursing students. *Nursing Education Perspectives* 2023; 44:82-86.

Vuk J, **Anders ME**, Rhee S. Self-paced polling increases medical student engagement in recorded lectures and improves examination performance. *Advances in Physiology Education* 2022;46:728-734. doi:10.1152/advan.00083.2022.

Anders ME, Vuk J, Rhee S. Interactive retrieval practice in renal physiology improves performance on customized National Board of Medical Examiners examination of medical students. *Advances in Physiology Education*, 2022; 46: 35-40. DOI: 45: 000-000. doi:10.1152/advan.00118.

Makhoul I, **Anders M**, Siegel R, Chiang A, Markham MJ, Chen RC, Mougalian S, Arnaoutakis K, Giuliani M, Im A, Kozlik MM, Crist STS, Garrett-Mayer E, Kamal A. Hematology/Oncology Fellowship Programs' Participation in the Quality Oncology Practice Initiative (QOPI). *Journal of Clinical Oncology Practice* 2022. doi: 10.1200/OP.21.00807.

Mhyre, J, Ward, N, Whited T, **Anders ME**. Randomized clinical simulation trial to compare transfer procedures for emergency cesarean. *Journal of Obstetric, Gynecologic, and Neonatal Nursing* 2020; 49(3): 272-282. DOI: 10.1016/j.jogn.2020.01.006.

Allison MK, Marshall SA, Archie DS, Neher T, Stewart G, **Anders ME**, Stewart MK. Community-engaged development, implementation, and evaluation of an interprofessional education workshop on gender-affirming care, *Transgender Health* 2019 4:1, 280–286, DOI: 10.1089/trgh.2019.0036.

Nuñez Arogote LC, Teigen AM, Robertson CH, Neill KK, Gilbert LW, Davidson MK, **Anders ME**. The Syphilis Testing Result Interprofessional Counseling and Education (STRICE) Simulation. *Journal of Interprofessional Education & Practice*, 2019; 17. DOI: 10.1016/j.xjep.2019.100289

Irby JH, **Anders ME**, Beasley DA, Moretz J, Brunner B. Patient- and family-centered care in the preoperative setting: simulation cases featuring standardized patients for anesthesia residents. *MedEdPORTAL Publications*. 2017. DOI: 10.15766/mep_2374-8265.10604

Haley B, Heo S, Wright P, Barone C, Rettiganti MR, **Anders ME**. Effects of ACES on Nursing Student Empathy: Randomized Controlled Trial. *Clinical Simulation in Nursing*. *Clinical Simulation in Nursing*, 2017, Vol. 13, Issue 10, p511–519.

Haley B, Heo S, Wright P, Barone C, Rettiganti MR, **Anders ME**. Relationships Among Active Listening, Self-Awareness, Empathy, and Patient-Centered Care in Associate and Baccalaureate Degree Nursing Students. *NursingPlus Open*, 2017.

doi: 10.1016/j.npls.2017.05.001.

Alanazi AA, Nicholson N; Atcherson SR, Franklin, CA, **Anders ME**, Smith-Olinde L. Audiology Students' Perception of Hybrid Simulation Experiences: Qualitative Evaluation of Debriefing Sessions *Journal of Early Hearing Detection and Intervention* 2017; 2(1): 12–28.

Alanazi AA, Nicholson N; Atcherson SR, Franklin, CA, **Anders ME**, Smith-Olinde L. Use of Baby Isao Simulator and Standardized Parents in Hearing Screening and Parent Counseling Education. *Am J Audiology* 2016; doi:10.1044/2016_AJA-16-0029.

Arnaoutakis K, **Anders ME**, Berry K. Simulating four essential conversations with Hematology/Oncology trainees: A qualitative evaluation. *Journal of Cancer Education* 2015; doi: 10.1007/s13187-015-0847-7.

Vuk J, **Anders ME**, Cynthia C. Mercado CC, Robert L. Kennedy RL, Casella, Steelman SC. Impact of simulation training on self-efficacy of outpatient health care providers to use electronic health records. *International Journal of Medical Informatics* 2015, 84: 423–429.

Anders ME, Turner L, Freeman J. Evaluation of Clinical Decision Rules for Bone Mineral Density Testing among White Women. *Journal of Osteoporosis* 2013, Article ID 792831.

Sheffer CE, Barone CP, **Anders ME**. Training nurses in the treatment of tobacco use and dependence: pre- and post-training results. *Journal of Advanced Nursing*, 2011; 67, 176–183.

Anders ME, Sheffer CE, Barone CP, Holmes TM, Simpson DD, Duncan AM. Emergency department-initiated smoking cessation. *American Journal of Health Behavior*. 2011;35:546-556.

Anders ME, Evans PE. Comparison of PubMed and Google Scholar Literature Searches. *Respiratory Care* 2010; 55: 578-583.

Sheffer CE, Barone C, **Anders ME**. Training healthcare providers in the treatment of tobacco use and dependence: Pre- and post-training results. *Journal of Evaluation in Clinical Practice* 2009;15:607–613.

Anders ME, Turner, LW, Wallace LS. The use of decision rules for osteoporosis prevention and treatment. *Journal of the American Academy of Nurse Practitioners*; 2007;19:299-305.

Anders, ME. Predisposing, reinforcing, and enabling factors of enrollment in a respiratory care education program. *Respiratory Care Education Annual* 2005;14:15-24.

Torres A, **Anders ME**, Anderson P, Heulitt MJ. Efficacy of metered-dose inhaler administration of albuterol in intubated infants. *Chest* 1997;112:484-490.

Heulitt MJ, Torres A, **Anders ME**, Wilson S, Carmack J. Comparing imposed work of breathing between two generations of ventilators utilizing a pediatric animal model. *Pediatric Pulmonology* 1996; 22:58-66.

Torres A, Minken P, Wilson SW, **Anders ME**, Heulitt MJ. Evaluation of a method for measuring minute volumes during bias flow ventilation. *Respiratory Care* 1995;40:22-27.

Carmack J, Torres A, **Anders ME**, Wilson SW, Holt S, Heulitt MJ. Comparison of inspiratory work of breathing in young lambs during flow-triggered and pressure-triggered ventilation. *Respiratory Care* 1995;40:28-34.

Schexnayder SM, Torres A, Binns M, **Anders ME**, Heulitt MJ. High frequency oscillatory ventilation as a bridge from extracorporeal membrane oxygenation in pediatric respiratory failure. *Respiratory Care* 1995;40:44-47.

Heulitt MJ, **Anders ME**, Benham D. Acute respiratory distress syndrome in pediatric patients: Redirecting therapy to reduce iatrogenic lung injury. *Respiratory Care* 1995;40:74-85.

PEER-REVIEWED BOOK CHAPTERS

Anders ME. Computer Applications in Respiratory Care. In: Kacmarek R, Stoller JK, and Heur AJ (Eds.), Egan's Fundamentals of Respiratory Care (10th ed.), St. Louis, Elsevier Inc., 2012.

Anders ME. Computer Applications in Respiratory Care. In: Wilkins, R.L., Stoller, J.K., and Kacmarek (Eds.), Egan's Fundamentals of Respiratory Care (9th ed.), St. Louis, Elsevier Inc., 2009.

PEER-REVIEWED ABSTRACTS

Teigen, A., Riley, E., Dayer, L., Trotter, S., Richardson, L., Stickley, K., McFerguson, R., Ward, N., Heldenbrand, H., Anders, M., Nagel, C. Interprofessional Naloxone Administration Training: Impact on Knowledge, Confidence, and Collaboration. *Journal of Physician Assistant Education*. *In press*.

Washington C, Khan FA, Mhyre J, Phillips A, Racher L, **Anders M**. Feasibility Study of Interprofessional Role Assignment for Obstetric Basic Life Support. *Journal of Obstetric, Gynecologic, and Neonatal Nursing* 2019, 48, S126–S155.
<https://doi.org/10.1016/j.jogn.2019.04.212>

Anders ME, Johnson S, Toler D. Simulated Organ Donation Requests (abstract). *Simulation in Healthcare* 2014, 9, doi: 10.1097/01.SIH.0000459341.19168.49.

Jones KM, **Anders ME**, Gramlich TA, Cook TR, Jeans K, Vancil TJ. Evaluation of interprofessional learning through a ventilator bundle patient case simulation. (abstract) *American Journal of Pharmaceutical Education* 2013, 77.

Cook TR, Gramlich TA, **Anders ME**, Jones KM, Jeans K, Vancil TJ. Interprofessional collaboration: a ventilator bundle simulation. (abstract) *Respiratory Care* 2013, 58.

Anders ME, Barone C, Sheffer CE, Holmes T, Simpson D, Duncan AM. Treating tobacco use in lower-income, minority emergency department patients: Preliminary results. (abstract) *Journal of Smoking Cessation* 2009;4 (Supplement):6.

Anders ME, Barone C, Sheffer CE, Holmes T, Simpson D, Duncan AM. Home Smoking Policies in Low Income, Minority Patients. (abstract) *Respiratory Care* 2008;52:1577.

Anders ME, Barone C, Sheffer CE, Holmes T, Simpson D, Duncan AM, Bondurant K, Hines K, Ruff W, Truesdale M. Respiratory care students as research assistants in a randomized, controlled clinical trial. (abstract) *Respiratory Care* 2008;53:1510.

Anders ME, Cook TR, Boone EL. Correlates of attrition among part-time students in a respiratory care baccalaureate program. (abstract) *Respiratory Care* 2008;53:1511.

Evans PE, **Anders ME**. Preferred attributes of clinical education preceptors: A survey of baccalaureate respiratory care students. (abstract) *Respiratory Care* 2008;53:1513.

Anders ME, Bittle A, Free B, Jones T, Tappan T. Literature search results: PubMed and Google in comparison to Cochrane evidence-Based systematic reviews. (abstract) *Respiratory Care* 2007;52:1629.

Simpson DD, **Anders ME**, Turner, LW, Holmes T, Spencer HJ III. Readiness to quit smoking and begin physical activity among a sample of patients seeking non-urgent care in an urban, tertiary care emergency department. (abstract) *Respiratory Care* 2007;52:1588.

Rye K, Boone E, **Anders ME**. The results of a respiratory therapy preceptor training needs assessment. (abstract) *Respiratory Care* 2007;52:1587.

Wright K, Evans PE, **Anders ME**. A taxonomy for preventable mechanical ventilator errors. (abstract) *Respiratory Care* 2007;52:1601.

Smith D, Diles D, **Anders ME**. Respiratory assessment of firefighters in a rural community. (abstract) *Respiratory Care* 2007;52:1554.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Smoking and bone mineral density in non-Hispanic white women. (abstract) *Respiratory Care* 2006;51:1303.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. The osteoporosis self-assessment tool in a nationally representative sample of men. (abstract) *Osteoporosis International* 2006;18:9.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Predictive accuracy of two cut scores for the osteoporosis self-assessment tool in a nationally representative sample of men. (abstract) *Osteoporosis International* 2006;18:9.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Evaluation of clinical decision rules for the need to undergo bone mineral density testing in Mexican-American women. (abstract) *Osteoporosis International* 2006;18:9-10.

Anders ME, Turner LW, Spencer HJ. Smoking and bone density among men: results from a national survey. (abstract) *Respiratory Care* 2004;49:1432.

Lisenbey J, **Anders ME**, Shaw JL, Parker JG. Respiratory care student perceptions of professionalism and American Association for Respiratory Care membership. (abstract) *Respiratory Care* 2001;46:1075.

Boone EL, **Anders ME**, Simpson DD, Lensing, SY. Internet and computer application before and after an internet-based course in a baccalaureate respiratory care program. (abstract) *Respiratory Care* 1999;44:1285.

Fawcett DD, **Anders ME**, Kellogg K, Holt S, Scholle S. An innovative approach to asthma care in a pediatric teaching hospital. (abstract) *Journal of Allergy and Clinical Immunology* 1995;95:227.

Anders ME, Scholle S, Kellogg K, Fawcett D. Effectiveness of a protocol for metered dose inhaler with spacer delivery of albuterol for pediatric patients hospitalized with acute asthma. (abstract) *Respiratory Care* 1995;40:1162.

Heulitt MJ, Torres A, Wilson SW, Holt S, Firestone J, **Anders ME**. Comparison of work of breathing between volume support and pressure support in young lambs

with and without increased airway resistance. (abstract) *Critical Care Medicine* 1995;23:A226.

Heulitt MJ, Torres A, **Anders ME**, Wilson SW, Yeh P. Comparison of spontaneous breathing young lambs during continuous positive airway pressure and pressure support ventilation with and without bias flow. (abstract) *Chest* 1994;106:69S.

Anders ME, Leisenring P, Ewing K, Heulitt M. Extracorporeal membrane oxygenation for congenital hypoventilation syndrome complicated by acute respiratory distress syndrome. (abstract) *Respiratory Care* 1992;37:1339.

SCIENTIFIC PRESENTATIONS BASED ON ORIGINAL RESEARCH

Rhee S, Vuk, J, **Anders M**. Self-Paced Polling Increases Student Engagement in Recorded Lectures and Improves Exam Performance. Western Group Collaborative Spring Conference 2023, Honolulu, Hawaii

Rhee S, Vuk, J, **Anders M**. Self-Paced Polling Increases Student Engagement in Recorded Lectures and Improves Exam Performance. Innovations in Medical Education Online Conference 2023. Virtual.

Stickley S, Riley E, Dayer L, Teigen A, Richardson L, Trotter S, Nagel C, McFerguson R, Ward N, **Anders M**, Steele T, LaBorde P, Mayfield L, Webb R. APRN Awareness of Naloxone Administration to Combat Opioid Overdoses Arkansas Nurse Practitioner Association Annual Conference 2023. Hot Springs, AR.

Hays L, Jin J, Du R, **Anders, M**. Genetics/Genomics Nursing Needs Assessment in a Large Southern United States University Medical Center: More knowledge or more confidence? Poster Presentation. International Society of Nurses in Genetics 2022 World Congress. Durham, North Carolina.

Tripod M, Atkinson T, Thrush C, **Anders M**, McKee S. Best Case Scenario: Innovative Case Report Module Garners Glowing Reviews. (poster). University of Arkansas for Medical Sciences Internal Medicine Research Symposium, Little Rock, AR, 2023.

Tripod M, Atkinson T, Thrush C, **Anders M**, McKee S. Best Case Scenario: Innovative Case Report Module Garners Glowing Reviews. (poster). Alliance for Academic Internal Medicine (AAIM) 2022 APDIM Fall Meeting, September 23-24, 2022, San Diego, CA.

de Gravelles P, Mendiratta P, Hutchison L, Compton D, **Anders, ME**. Teaching Transitional Care of the Older Adult using an Interprofessional Simulation. Podium presentation. International Nursing Association of Clinical and Simulation Learning. Milwaukee, Wisconsin, 2022.

de Gravelles P, Trotter S., Ward N., Richardson L, Beasley B, **Anders, ME**. Podium presentation. Making It Real: Understanding Population Health Competencies Through Team Objective Structured Teaching Exercise. International Nursing Association of Clinical and Simulation Learning. Milwaukee, Wisconsin, 2022.

Trotter S, de Gravelles P, Richardson L, Ward N, Beasley, B, **Anders ME**. Making It Real: Understanding Population Health Competencies through Team Objective Structured Teaching Exercise. Poster presentation. Southern Nursing Research Society Annual Conference, New Orleans, LA, 2022.

Davidson M, de Gravelles P, Ryan K, Neill K, **Anders ME**. Advocating for Meaningful Interprofessional Education for Future Researchers. Poster presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2022.

Stickley K, Riley E, Trotter S, Dayer L, Tiegen A, Richardson L, Nagel C, McFerguson R, Ward, N, **Anders M**. Nurse-Led Interprofessional Naloxone Administration Training: Impact on Knowledge, Confidence, and Collaborative Competence. Podium presentation. Arkansas Nursing Research Conference, Little Rock, AR, 2022.

Stickley, K., Riley, E., Dayer, L., Teigen, A., Richardson, L., Trotter, S., Nagel, C., McFerguson, R., Ward, N., & **Anders, M.** (2022, April 1). Building successful IPE learning opportunities through naloxone training [Poster]. 2022 Teach the Teacher Symposium, University of Arkansas for Medical Sciences, Little Rock, AR

Trotter, S. Riley, E., Teigen, A., Dayer, L., Stickley, K., McFerguson, R., Ward, N., Richardson, L., Nagel, C., Huitt, T., **Anders, M.** (2022, July 21-25). Life preservers: Development and feasibility of an interprofessional naloxone administration training [Poster]. Sigma Theta Tau 33rd International Nursing Research Congress, Edinburgh, Scotland, United Kingdom.

Teigen, A., Riley, E., Dayer, L., Trotter, S., Richardson, L., Stickley, K., McFerguson, R., Ward, N., Heldenbrand, H., Anders, M., Nagel, C. Interprofessional Naloxone Administration Training: Impact on Knowledge, Confidence, and Collaboration [Poster]. Physician Assistant Educators Association, Education Forum 2022. San Diego, CA October 2022.

Dayer, L., Riley, E., Stickley, K., Teigen, A., Trotter, S., **Anders, M.**, Richardson, L., McFerguson, R., Ward, N., Nagel, C., Heldenbrand, H. An interprofessional team education simulated naloxone training experience for IPPE hours [Poster]. American Association of Colleges of Pharmacy, 2022 Annual Meeting. Dallas, TX July 2022.

Gangadharana M, Reddya A, Edala T, Lewis S, Thapad P, **Anders M**, Akbar Ali A. Comparative Survey Study of Stress Levels and Other Phenomena between

Anesthesiology and Radiology Trainees. Poster presentation. Society for Pediatric Anesthesia Annual Meeting, Tampa, FL, 2022.

Williams T, **Anders ME**, Prince, L, Allen, A, Thomas B, McGehee R. Using Culturally Responsive Mentoring Self-Efficacy Beliefs to Assess Mentoring Needs: An NIH-funded Initiative for Maximizing Student Development Program Intervention. Poster presentation. National Institutes for Health, Understanding Interventions Conference. Virtual, 2021.

Sharabura A, **Anders ME**, Sherrill J, Atkinson T, and Meyer ER. An Exploration of the Relationship between Four Cohorts of Medical Students' Decisions about Cadaver Naming and their Dissection-based Anatomy Course Experience. Poster presentation. International Association of Medical Science Educators. Virtual, 2021.

Davidson M, de Gravelles P, Dickenson K, Ryan K, **Anders ME**. Covid-19 Vaccine Advocacy: A Virtual Interprofessional Simulation. Oral presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2021.

de Gravelles P, Mendiratta P, Hutchinson L, **Anders ME**. Interprofessional Simulation on Transitional Care of the Older Adult. Oral presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2021.

Mandoff V, Khan F, Onisei A, Spond M, Mabry L, Murphy M, Allen D; Halpain J, Johnson J, **Anders ME**. Anesthesiology Crisis Resource Management Simulation Course. Poster presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2021.

de Gravelles P, Trotter S, Richardson L, Ward N, Beasley, B, **Anders ME**. Population Health Competencies through a Team Objective Structured Teaching Exercise. Oral presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2021.

Khan FA, **Anders ME**, Phillips A, Racher L, Washington C, Mhyre J. Role Assignment for Obstetric Basic Life Support. Oral presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2021.

Onisei M, Akbar Ali, Daley D, **Anders ME**. Child Maltreatment Curriculum for Anesthesiology Residents. Oral presentation. Simulation Research Conference. University of Arkansas for Medical Sciences, Little Rock, AR, 2021.

Sifford M, Jamison N, Oni B, MD, Emans, **Anders M**, Quarles Smith C. Social Determinants of Health: EMR Documentation. Poster presentation. Quality Improvement for Advanced Learners. University of Arkansas for Medical Sciences. Virtual, 2021.

Akbar Ali, Daley D, Onisei M, **Anders M**. Child Maltreatment Curriculum for Anesthesiology Residents. Poster presentation. Accreditation Council for Graduate Medical Education. Annual Conference. San Diego, CA, 2019.

Schafer L, **Anders M**, Makhoul I. Peer-to-Peer Teaching in a Hematology-Oncology Fellowship. Oral presentation. International Cancer Education Conference. Salt Lake City, Utah, 2019.

Khan FA, **Anders M**, Phillips A, Racher L, Washington C, Mhyre J. Role Assignment for Obstetric Basic Life Support: Feasibility Study. The SOAP 49th Annual Meeting. Society of Obstetric Anesthesiology. Bellevue, Washington, 2018.

Khan FA, **Anders M**, Phillips A, Racher L, Washington C, Mhyre J. Role Assignment for Obstetric Basic Life Support: Feasibility Study. Educators Academy. University of Arkansas for Medical Sciences, Little Rock Arkansas, 2018.

Maranto C, Khan FA, **Anders M**, Phillips A, Racher L, Washington C, Mhyre J. Role Assignment for Obstetric Basic Life Support: Feasibility Study. Oral Presentation. Residents Day. Arkansas Society of Anesthesiologists, Little Rock Arkansas, 2018.

Anders M, Khan FA, Phillips A, Racher L, Washington C, Mhyre J. Role Assignment for Obstetric Basic Life Support: Feasibility Study. Oral presentation. Arkansas Nurses Research Day. University of Arkansas for Medical Sciences, Little Rock Arkansas, 2018.

Khan FA, **Anders M**, Phillips A, Racher L, Washington C, Mhyre J. Role Assignment for Obstetric Basic Life Support: Feasibility Study. Poster presentation. REACH: Roundtables for Engaging an Alliance for Collaborative Healthcare. University of Central Arkansas, Conway, Arkansas, 2018.

Khan FA, Anders M, Phillips A, Racher L, Washington C, Mhyre J. ICARE: Improving Critical and Acute Care through Regional Education. Poster presentation. University of Arkansas for Medical Sciences, Little Rock Arkansas, 2018.

Mhyre JM, McKinney SE, Shook RB, Altman T, **Anders ME**, Ward N, Whited T. Randomized controlled simulation trial comparing procedures for transferring to the operating room for emergency caesarian section. Poster presentation. Society for Obstetric Anesthesia and Perinatology, Boston, MA, 2016.

Neil K, **Anders ME**. Handling Wrongs the Right Way: Interprofessional Education Curriculum Development with Focus on Error Disclosure Simulation. Am Assoc of Medical Colleges, Chicago, IL, 2016.

Khan FA, Chance JC, Rosenbaum T, Lienhart KL, Spond MF, **Anders ME**, Myhre J. One size does not fit all: Use of checklists during simulation of crisis events by new

residents. Poster presentation. The Anesthesiology 2015 Annual Meeting, San Diego, CA, 2015.

Bailey LE, Berry KS, **Anders ME**, Wilbur LG, Kimbrough MK. Improving teamwork in the trauma bay. Poster presentation. Improving Critical and Acute Care through Regional Education (ICARE), Rogers, Arkansas, 2015.

Anders ME, Johnson S, Toler D. Simulated organ donation requests. Oral and poster presentations. Professor's Rounds, International Meeting on Simulation in Healthcare, New Orleans, Louisiana, 2015.

Arnaoutakis K, **Anders ME**, Berry K. Simulating four essential conversations with Hematology/Oncology trainees: A qualitative evaluation. Poster presentation. Educator's Academy, Teaching and Learning Symposium: Educational Scholarship. University of Arkansas for Medical Sciences, 2015.

Cook TR, Gramlich TA, **Anders ME**, Jones KM, Jeans K, Vancil TJ. Interprofessional collaboration: a ventilator bundle simulation. Oral and poster presentations. American Association for Respiratory Care International Congress, Anaheim, California, 2013.

Jones KM, **Anders ME**, Gramlich TA, Cook TR, Jeans K, Vancil TJ. Evaluation of interprofessional learning through a ventilator bundle patient case simulation. Poster presentation. American Association of Colleges of Pharmacy, Chicago, Illinois, 2013.

Cook TR, Gramlich TA, **Anders ME**, Jones KM, Jeans K, Vancil TJ. Interprofessional education through simulation. Association of Schools of Allied Health Professions, Annual Conference, Orlando, Florida, 2013.

Anders ME, Barone C, Sheffer CE, Holmes T, Simpson D, Duncan A. Emergency department-initiated smoking cessation: the role of the advanced practiced nurse. Arkansas Nurses Association Convention, Little Rock, AR, 2009.

Anders ME, Barone C, Sheffer CE, Holmes T, Simpson D, Duncan A. Emergency department-initiated smoking cessation. University of Arkansas for Medical Sciences, College of Nursing, Research Day, Little Rock, AR, 2009.

Barone C, **Anders ME**, Sheffer CE, Holmes T, Simpson D, Duncan A. Concern about post-smoking cessation weight-gain among emergency department patients. University of Arkansas for Medical Sciences, College of Nursing, Research Day. Little Rock, AR, 2009.

Anders ME, Sheffer CE, Barone C, Holmes T, Simpson D, Duncan A. Home Smoking Policies in Low Income, Minority Patients. Oral and poster presentations.

American Association for Respiratory Care International Congress, Anaheim, California, 2008.

Anders ME, Sheffer CE, Barone C, Holmes T, Simpson D, Duncan A, Bondurant K, Hines K, Ruff W, Truesdale M. Respiratory care students as research assistants in a randomized, controlled, clinical trial. Oral and poster presentations. American Association for Respiratory Care International Congress, Anaheim, California, 2008.

Anders ME, Cook TR, Boone E. Correlates of Attrition Among Part-Time Students in a Respiratory Care Baccalaureate Program. Oral and poster presentations. American Association for Respiratory Care International Congress, Anaheim, California, 2008.

Evans P, **Anders ME**. Preferred Attributes of Clinical Education Preceptors: a Survey of Baccalaureate Respiratory Care Students. Oral and poster presentations. American Association for Respiratory Care International Congress, Anaheim, California, 2008.

Anders ME, Sheffer CE, Barone C, Holmes T, Simpson D, Duncan A. Treating tobacco use in lower-income, minority emergency department patients: Preliminary results. Oral presentation. United Kingdom National Smoking Cessation Conference, Birmingham, United Kingdom, 2008.

Anders ME, Sheffer CE, Barone C. Training nurses to deliver evidence-based brief interventions for tobacco use and dependence. Oral presentation. American Public Health Association Annual Meeting and Exposition; Washington, D.C., 2007.

Anders ME, Sheffer CE, Barone C. Training healthcare providers to deliver evidence-based brief interventions for tobacco use and dependence. Poster presentation. American Public Health Association Annual Meeting and Exposition; Washington, D.C., 2007.

Anders ME, Sheffer CE, Barone C. Training physicians and nurses to deliver evidence-based brief interventions for tobacco use and dependence: Differences pre- and post-training. Poster presentation. American Public Health Association Annual Meeting and Exposition; Washington, D.C., 2007.

Anders ME, Bittle A, Free B, Jones T, and Tappan T. Literature search results: PubMed and Google in comparison to Cochrane evidence-Based systematic reviews. Oral and poster presentations. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Simpson DD, **Anders ME**, Turner, LW, Holmes T, and Spencer HJ III. Readiness to quit smoking and begin physical activity among a sample of patients seeking non-urgent care in an urban, tertiary care emergency department. Oral and poster

presentations. American Association for Respiratory Care International Congress Orlando, Florida, 2007.

Rye K, Boone E, **Anders ME**. The results of a respiratory therapy preceptor training needs assessment. Oral and poster presentations. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Wright K, Evans PE, **Anders ME**. A Taxonomy for mechanical ventilator errors. Oral and poster presentations. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Smith D, Diles D, **Anders ME**. Respiratory assessment of firefighters in a rural community. Oral and poster presentations. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Simpson DD, Turner, LW, Holmes T, **Anders ME**, and Spencer HJ III. Osteoporosis knowledge lacking among patients seeking emergency health care. Poster presentation. Society for Academic Emergency Medicine; Chicago, Illinois, 2007.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Evaluation of clinical decision rules for bone mineral density among older U.S. women. Poster presentation. American Academy of Health Behavior; Savannah, Georgia, 2007.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Smoking and bone mineral density in non-Hispanic white women. Oral and poster presentations. American Association for Respiratory Care International Congress; Las Vegas, Nevada, 2007.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. The osteoporosis self-assessment tool in a nationally representative sample of men. Poster presentation. International Osteoporosis Foundation; Toronto, Ontario, 2006.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Predictive accuracy of two cut scores for the osteoporosis self-assessment tool in a nationally representative sample of men. Poster presentation. International Osteoporosis Foundation; Toronto, Ontario, 2006.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Evaluation of clinical decision rules for the need to undergo bone mineral density testing in Mexican-American women. Poster presentation. International Osteoporosis Foundation; Toronto, Ontario, 2006.

Anders ME, Turner, LW, Wallace LS, Spencer HJ III, and Simpson DD. Evaluation of clinical decision rules for the need to undergo bone mineral density testing in non-

Hispanic black women. Poster presentation. The North America Primary Care Research Group; Tucson, Arizona, 2006.

Anders, ME. Predisposing, reinforcing, and enabling factors of enrollment in a respiratory care education program. Oral and poster presentations. American Association for Respiratory Care Summer Forum; Orlando, Florida, 2005.

Anders ME, Turner LW, Spencer HJ. Smoking and bone density among men: results from a national survey. Oral and poster presentations. American Association for Respiratory Care International Congress; New Orleans, Louisiana, 2004.

Anders ME, Turner LW, Jones CJ, Spencer HJ. Correlates of bone density among men. Poster presentation. World Health Organization, World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, 2004.

Anders ME, Turner LW, Young ME. Smoking and osteoporosis risk among men: results from a national survey. Oral and poster presentations. The American Academy of Health Behavior Scientific Meeting; Sedona Arizona, 2004.

Lisenbey J, **Anders ME,** Shaw JL, Parker JG. Respiratory care student perceptions of professionalism and American Association for Respiratory Care membership. Oral and poster presentations. American Association for Respiratory Care International Congress; San Antonio, Texas, 2001.

Boone EL, **Anders ME,** Simpson DD, Lensing, SY. Internet and computer application before and after an internet-based course in a baccalaureate respiratory care program. Oral and poster presentations. American Association for Respiratory Care International Congress; Las Vegas, Nevada, 1999.

Fawcett DD, **Anders ME,** Kellogg K, Holt S, Scholle S. An innovative approach to asthma care in a pediatric teaching hospital. Oral presentation. American Academy of Allergy, Asthma, and Immunology Annual Meeting; Chicago, Illinois, 1995.

Anders ME, Scholle S, Kellogg K, Fawcett D. Effectiveness of a protocol for metered dose inhaler with spacer delivery of albuterol for pediatric patients hospitalized with acute asthma. Oral and poster presentations. American Association for Respiratory Care Annual Convention; San Antonio, Texas, 1995.

Heulitt MJ, Torres A, Wilson SW, Holt S, Firestone J, **Anders ME.** Comparison of work of breathing between volume support and pressure support in young lambs with and without increased airway resistance. Poster presentation. Society of Critical Care Medicine Annual Congress; San Francisco, California, 1995.

Schexnayder SM, Torres A, Binns M, **Anders ME,** Heulitt MJ. High frequency oscillatory ventilation as a bridge from extracorporeal membrane oxygenation in

pediatric respiratory failure. Poster presentation. Annual Extracorporeal Life Support Organization Conference; Ann Arbor, Michigan, 1995.

Heulitt MJ, Torres A, **Anders ME**, Wilson SW, Yeh P. Comparison of spontaneous breathing young lambs during continuous positive airway pressure and pressure support ventilation with and without bias flow. Poster presentation. American College of Chest Physicians Annual International Scientific Assembly; New Orleans, Louisiana, 1994.

Anders ME, Leisenring P, Ewing K, Heulitt M. Extracorporeal membrane oxygenation for congenital hypoventilation syndrome complicated by acute respiratory distress syndrome. Oral and poster presentations. American Association for Respiratory Care Annual Convention; San Antonio, Texas, 1992.

PROFESSIONAL MAGAZINE ARTICLE

Anders ME, Waugh JB. Treatments for Tobacco Dependence. AARC Times 2010; 34:28-32.

INVITED GUEST CO-EDITOR FOR SCIENTIFIC JOURNAL

Respiratory Care, 1995;40(1).

REVIEWER FOR SCIENTIFIC JOURNAL

Respiratory Care, 1997-2012.

INTERNATIONAL INVITED PRESENTATIONS

Anders ME, Neil K, Ward W, Davidson M, de Gravelles PV. How can we facilitate interprofessional education simulation on a large scale for diverse future health care, public health, and research professionals? Collaborating Across Borders, Banff, Canada, 2017.

Neil K, **Anders ME**. How can we cultivate patient- and family-centered care through interprofessional education? Collaborating Across Borders, Banff, Canada, 2017.

Anders ME, Sheffer C, Barone C. Pharmacotherapy for tobacco use and dependence. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Evidence-based medicine in respiratory care: experience with an educational course. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Information retrieval: guiding students and new graduates. American Association for Respiratory Care International Congress; Orlando, Florida, 2007.

Sheffer C, Barone C, **Anders ME**, Howard J. Treating tobacco dependence in a public health context: overview of a comprehensive program. Sixth Annual International Society for the Prevention of Tobacco Induced Diseases; Little Rock, Arkansas, 2007.

Relationship of the upper and lower airways. American Association for Respiratory Care International Congress; Cincinnati, Ohio, 2000.

NATIONAL INVITED PRESENTATIONS

Promoting Safety through Simulation. University Hospital Consortium. Webinar. 2014.

Cost effectiveness of asthma disease management programs. American Association for Respiratory Care. Asthma Disease Management course.

Las Vegas, Nevada, 2001;
Naples, Florida, 2001;
Dallas, Texas, 2000;
Vail, Colorado, 1999;
Cleveland, Ohio, 1999.

Health behavior and asthma management. American Association for Respiratory Care. Asthma Disease Management course.

Las Vegas, Nevada, 2001;
Naples, Florida, 2001.

Experience with a pediatric asthma acute care program. American Association for Respiratory Care. Asthma Disease Management course.

Dallas, Texas, 2000;
Vail, Colorado, 1999;
Cleveland, Ohio, 1999.

Panel Discussion: Implementing the National Asthma Education and Prevention Program

Las Vegas, Nevada, 2001;
Naples, Florida, 2001;
Dallas, Texas, 2000;
Vail, Colorado, 1999;
Cleveland, Ohio, 1999.

REGIONAL, STATE, AND LOCAL INVITED PRESENTATIONS

Simulation Education Workshop. Office of Interprofessional education, University of Arkansas for Medical Sciences, Little Rock, AR, 2016 and 2017.

Simulation-based Scholarship and Research. Teaching Scholars, University of Arkansas for Medical Sciences, Little Rock, AR, 2015 and 2017.

Facilitating Simulation. Educators Academy. Educators Academy. University of Arkansas for Medical Sciences, Little Rock, AR. 2016 and 2017.

Facilitating interprofessional education simulation. Office of Interprofessional education, University of Arkansas for Medical Sciences, Little Rock, AR, 2017.

Debriefing interprofessional education simulation. Office of Interprofessional education, University of Arkansas for Medical Sciences, Little Rock, AR, 2017.

Managing the Simulation Education Environment to Promote Learning. Educators Academy. University of Arkansas for Medical Sciences, Little Rock, AR. 2015.

Simulation Education and Research. Teaching Scholars. University of Arkansas for Medical Sciences, Little Rock, AR. 2015.

Update on Simulation. College of Nursing, University of Arkansas for Medical Sciences, Little Rock, AR. 2014

Simulation Education: Applications in Public Health Education. College of Public Health, Little Rock, AR. University of Arkansas for Medical Sciences, Little Rock, AR. 2014.

Simulation Education. Teaching with Technology Symposium. University of Arkansas for Medical Sciences, Little Rock, AR. 2013.

Simulation Education. Symposium on Critical Care and Emergency Medicine. Hot Springs, AR. 2013.

Developing Interprofessional Collaborative Practice Competencies through a Ventilator Bundle Simulation. **Anders ME**, Jones KM, Vancil TJ, Gramlich TA, Cook TR, Jeans K. University of Arkansas for Medical Sciences, College of Health Professions, Dean's Society, 2012.

Treating Tobacco Use and Dependence – Update.

Community Resource Development Center and Arkansas Department of Health, Jonesboro, Arkansas, 2011.

CARTI, St. Vincent Infirmary, Little Rock, AR, 2011.

Primary care clinic, Dr. Randy Walker, De Queen, AR, 2011.

Arkansas Society for Public Health Education statewide conference. Little Rock, AR. 2010.

University of Arkansas, Area Health Education Center Southwest, Texarkana, Arkansas. 2010.

Treating Tobacco Use and Dependence: The Role of Respiratory Therapists. Arkansas Society for Respiratory Care, Northeast District Workshop, Heber Springs, AR, 2011.

Treating Tobacco Use and Dependence: Pediatric Applications. Pediatric Clinic, Sparks Hospital, Fort Smith, AR, 2011.

Inspired to Do Research. College of Health Related Professions, Faculty Services and Development Committee Seminar. Little Rock, AR, 2009.

Initiation of Smoking Cessation by Respiratory Therapists. Arkansas Society for Respiratory Care, Northeast District Workshop. Heber Springs, AR, 2009.

Teaching with Wimba: A Web-based System for an Interactive Classroom. University of Arkansas for Medical Sciences, Department of Emergency Medical Sciences, Emergency Medical Technician Instructor's course, Little Rock, AR, 2009.

Examples of Teaching with Wimba. University of Arkansas for Medical Sciences, College of Health Related Professions, spring faculty meeting, Little Rock, AR, 2009.

Initiating Smoking Cessation in the Emergency Department. Arkansas Society for Respiratory Care, Central District Workshop. Little Rock, AR, 2008.

Integrating Smoking Cessation into the Delivery of Respiratory Care. Mississippi Society for Respiratory Care, Annual State Respiratory Care Conference, Tunica, Mississippi, 2008.

What is Evidence-Based Medicine and How Can I Apply It? Mississippi Society for Respiratory Care, Annual State Respiratory Care Conference, Tunica, Mississippi, 2008.

Treating Tobacco Dependence: Women's Health and COPD. Arkansas Respiratory Health Association, Women's Lung Health Conference, Little Rock, Arkansas, 2008.

Reducing Involuntary Exposure to Tobacco Smoke in Children. Arkansas Children's Hospital, Respiratory Care Grand Rounds, Little Rock, Arkansas, 2008.

Treating tobacco use and dependence.

Rural Hospital Program of the University of Arkansas for Medical Sciences, statewide interactive video network, Little Rock, Arkansas, 2007;

University of Arkansas, Pat Walker Health Center, Fayetteville, Arkansas, 2007;

Mercy Health System, Rogers, Arkansas, 2007;
Northwest Arkansas School Nurses Association, Farmington,
Arkansas, 2007;
Madison County Health Coalition, Huntsville, Arkansas, 2007;
Area Health Education Center South, El Dorado, Arkansas, 2007;
Imaging Center, Jonesboro, Arkansas, 2007;
Saint Mary's Regional Medical Center, Russellville, Arkansas, 2007;
Saint Bernard Memorial Hospital, Jonesboro, Arkansas, 2007;
Area Health Education Center Northeast, Jonesboro, Arkansas, 2006;
Area Health Education Center, Fort Smith, Arkansas, 2006.

Treating tobacco use and dependence during pregnancy. Willow Creek Hospital for Women, Johnson, Arkansas, 2007.

Treating tobacco dependence and use: the role of respiratory therapists. Arkansas Society for Respiratory Care Annual Conference, Hot Springs, Arkansas, 2007;
Arkansas Society for Respiratory Care, Northwest District, Bentonville, Arkansas, 2007;
Arkansas Society for Respiratory Care, Northeast District, West Memphis, Arkansas, 2007;
University of Arkansas for Medical Sciences Medical Center, Department of Respiratory Care, Little Rock, Arkansas, 2007.

Treating tobacco dependence and use: the role of dental health providers. Arkansas Dental Association, Southwest District, Texarkana, Arkansas, 2007;
University of Arkansas for Medical Sciences, Department of Dental Hygiene, Little Rock, Arkansas, 2007;
University of Arkansas at Fort Smith, Department of Dental Hygiene, Fort Smith, Arkansas, 2007;
Dental Office of John Dean, DDS; North Little Rock, Arkansas, 2007.

Pulmonary consequences of smoking. Arkansas Statewide Tobacco Programs and Services, Continuing Education Program, College of Public Health, University of Arkansas for Medical Sciences, Little Rock, Arkansas, 2007.

Clinical decision rules for bone mineral density testing. College of Public Health, Health Research Policy and Health Promotions Conference, University of Arkansas for Medical Sciences, Little Rock, Arkansas, 2007.

Bioterrorism: thinking about the unthinkable. Arkansas Society for Respiratory Care Annual Conference, Hot Springs, Arkansas, 2004.

Terrorism preparedness: federal initiatives and the impact on Arkansas. Statewide Conference for Coroners, Funeral Directors, and Embalmers, North Little Rock, Arkansas, 2004.

Bioterrorism: the role of respiratory therapists. Southwest Area Health Education Center Conference on Terrorism Preparedness, Texarkana, Arkansas, 2004.

Evidence-based respiratory care: evaluating evidence related to therapy and diagnostics. Arkansas Society for Respiratory Care Northeast District Meeting, Searcy, Arkansas, 2004.

Evidence-based respiratory care and protocols. Arkansas Society for Respiratory Care Central District Meeting, Little Rock, Arkansas, 2003.

Evidence-based respiratory care. William Stead Chest Conference, Fayetteville, Arkansas, 2003.

Experience with a pediatric asthma inpatient program. American Lung Association - Kansas Chapter, Wichita, Kansas, 2001.

Asthma deaths. Arkansas Emergency Medical System Annual State Conference. Little Rock, Arkansas, 1999.

Newborn respiratory physiology and predisposition for respiratory failure. Neonatal Intensive Care Core Curriculum, Arkansas Children's Hospital, Little Rock, Arkansas, 1998 and 1999.

Diagnosis and assessment of asthma: the National Asthma Education and Prevention Program guidelines. University of Arkansas for Medical Sciences, College of Pharmacy. Asthma Disease Management Program. Little Rock, Arkansas, 1999.

Pediatric asthma. University of Arkansas for Medical Sciences, College of Pharmacy. Asthma Disease Management Program. Little Rock, Arkansas, 1999.

Neonatal assessment, stabilization, and ventilation. Rural Hospital Program of the University of Arkansas for Medical Sciences, statewide interactive video network, Little Rock, Arkansas, 1999

Respiratory care of the acute patient. Arkansas Speech-Language-Hearing Association. Hot Springs, Arkansas, 1998.

Asthma in children: the escalating public health problem, new guidelines, and the role of the respiratory therapist. Arkansas Society for Respiratory Care Annual Conference, Hot Springs, Arkansas, 1997.

Redirecting pediatric ventilation strategy. Siemens Servo Symposium, Dallas, Texas, 1994.

Respiratory Care Services: education and research. Medical Staff Meeting, Arkansas Children's Hospital, Little Rock, Arkansas, 1994.

Strategies for ventilator support in pediatric patients with acute respiratory distress syndrome. Siemens Servo Symposium.

Cincinnati, Ohio, 1993;

Milwaukee, Wisconsin, 1993.

Neonatal extracorporeal membrane oxygenation. Arkansas Neonatal Nurses Association, Little Rock, Arkansas, 1993.

Pediatric Advanced Life Support. Arkansas Society for Respiratory Care Annual Conference, Little Rock, Arkansas, 1992.

Adult extracorporeal membrane oxygenation in a pediatric institution: a case study. Arkansas Children's Hospital Respiratory Care Symposium, Little Rock, Arkansas, 1991.

Asthma in children. Arkansas Society for Emergency Medical Science Annual State Conference, Hot Springs, Arkansas, 1991.

Respiratory assessment of the neonate. Arkansas Neonatal Nurses Association, Little Rock, Arkansas, 1991.

Extracorporeal membrane oxygenation: The role of the extracorporeal membrane oxygenation specialist. Arkansas Society for Respiratory Care Central District Meeting, Little Rock, Arkansas, 1990.

Oxygen therapy in children. Arkansas Children's Hospital Respiratory Care Symposium, Little Rock, Arkansas, 1985.

RESEARCH DAY JUDGE

Department of Emergency Medicine, College of Medicine, University of Arkansas for Medical Sciences; 2008.

PLANNING OVERSIGHT AND DELIVERY OF EDUCATION PROGRAMS

Simulation Education. King Abdullah bin Abdulaziz University Hospital. Riyadh, Saudi Arabia, 2015.

Simulation Education. Princess Nora University. Riyadh, Saudi Arabia, 2015.

Simulation Education. Princess Nora University Simulation Center. Riyadh, Saudi Arabia, 2015.

Improving Critical and Acute Care through Regional Education (ICARE), Rogers, Arkansas, 2015.

Roles: Planning Committee and Director of the Simulation Pre-conference sessions

Tobacco and Disease: Lung Cancer Symposium, Little Rock, Arkansas, 2014.

Roles: Planning Committee, Presenter, and Director of the Simulation Sessions

Simulation Education Outreach Program, Arkansas Partnership for the Future of Nursing:

Arkansas State University Mountain Home, Mountain Home, Arkansas, 2014;

University of Arkansas Community College at Hope, Hope, Arkansas, 2014;

East Arkansas Community College, Forest City, Arkansas, 2014;

Black River Technical College, Pocahontas, Arkansas, 2014;

Cossatot Community College, DeQueen, Arkansas, 2014;

Northwest Community College, Bentonville, Arkansas, 2014;

Rich Mountain Community College, Mena, Arkansas, 2014;

South Arkansas Community College, El Dorado, Arkansas, 2014

Roles: Curriculum development and faculty

Simulation Education Course for Patient and Family Centered Care Faculty and Family Advisors, University of Arkansas for Medical Sciences, Little Rock, Arkansas, 2014.

Roles: Chair and faculty

Simulation Education Course for Nursing Faculty, South Arkansas University, Magnolia, Arkansas, 2014.

Roles: Co-chair and faculty

Simulation Education Course for Nursing Faculty, University of Arkansas for Medical Sciences, Little Rock, Arkansas, 2014.

Roles: Chair and faculty

Symposium on Critical Care and Emergency Medicine, College of Medicine, University of Arkansas for Medical Sciences, Hot Springs, Arkansas, 2013.

Role: Director of simulation session.

Mid-South Simulation Summit, Little Rock, Arkansas, 2013.

Role: Co-chair.

Simulation Education Course for Nursing Faculty, University of Arkansas for Medical Sciences, Little Rock, Arkansas, 2013.

Roles: Chair and faculty

Simulation Education Course for Faculty, University of Arkansas for Medical Sciences, Little Rock, Arkansas, 2012- 2013.

Roles: Chair and faculty

Statewide Emergency Preparedness Conference for Allied Health Professionals, Little Rock, Arkansas, 2005.
Roles: Chair, Planning Committee

Statewide Bioterrorism Conference for Allied Health Professionals, Little Rock, Arkansas, 2004.
Roles: Chair, Planning Committee

Arkansas Children's Hospital, Diamond Conference, 1991-1998
Role: Co-chairman, Planning Committee

INTERACTIVE WEB-BASED MODULE FOR CONTINUING EDUCATION

Treating tobacco use and dependence. Rural Hospital Program of the University of Arkansas for Medical Sciences. Anders ME, Sheffer CE, Martindale, Butler B, 2007-2008.

EDUCATIONAL VIDEO

Asthma Disease Management, American Association for Respiratory Care, Co-author and presenter, (video), 1997.

TEACHING: DOCTORAL DISSERTATION COMMITTEES

University of Arkansas for Medical Sciences, College of Nursing. Electronic cigarette use among pregnant women. 2016 - present.

University of Arkansas for Medical Sciences, College of Nursing. The impact of listening to audio narratives on nursing students' caring behaviors toward patients during clinical simulation and clinical care. 2015-2016.

University of Arkansas for Medical Sciences, College of Nursing. Tobacco cessation: Insights from older adults. 2012-2014.

University of Arkansas for Medical Sciences, College of Nursing. Smoking among Nursing Students. 2010-2014.

TEACHING: ACADEMIC SIMULATION EDUCATION COURSES

University of Arkansas for Medical Sciences, College of Medicine.
Simulation Education, 2015-present.

University of Arkansas for Medical Sciences, College of Medicine.
Attendings for the Clinical Skills Center and Simulation Center, 2012-2015.

University of Arkansas for Medical Sciences, College of Nursing, Doctoral Program.

Independent Study: Standardized Patients in Simulation, 2015.

University of Arkansas for Medical Sciences, College of Nursing, Doctoral Program.
Independent Study: Simulation Education, 2014.

TEACHING: CLASSROOM COURSES

University of Arkansas for Medical Sciences, College of Health
Related Professions

Advanced Assessment and Diagnosis, Pulmonary Artery Catheters and
Capnographysection, 2010-present
Cardio Respiratory Anatomy and Physiology, 1998 - 2002;
Neonatology and Pediatrics, 1998 - 2000;
Leadership and Supervision, 1998 - 2000;
Advanced Pediatrics, 1998;
Pulmonary Rehabilitation, 1986 - 1987.

TEACHING: WEB-BASED COURSES

University of Arkansas for Medical Sciences, College of Health
Related Professions

Introduction to Research, 2006 - 2012;
Disease Management, 2009 - 2012;
Community Health and Education, 1998 - 2008;
Evidence-based Medicine in Respiratory Care, 1999 - 2008;
Advanced Pediatrics, 1999 – 2005;
Evidence-based Medicine in Family Practice, Web-based course for Southwest
Area Health Education Center medical residents, 2003.

**TEACHING: SUPERVISION OF STUDENTS SERVING AS RESEARCH ASSISTANTS IN A
CLINICAL RESEARCH STUDY**

University of Arkansas for Medical Sciences
Initiating Smoking Cessation in the Emergency Department, 2008

TEACHING: SUPERVISION OF SENIOR PROJECTS

University of Arkansas for Medical Sciences, College of Health
Related Professions

Assessment of Need for an Asthma Disease Management Program, 2009-
2010;
Tobacco treatment practices by respiratory therapists in community hospitals,
2009-2010;
Tobacco treatment practices by respiratory therapists in urban hospitals,
2008-2009;
Tobacco treatment practices by primary health care providers, 2008-2009;

Smoking and obesity in emergency department patients, 2008-2009;
Rural asthma telemetry project, 2008-2009;
Comparison of literature searches with Google Scholar and PubMed, 2008-2009;
Students' Facebook page for new student recruitment, 2008-2009;
Videotaped laboratory proficiencies and self-efficacy, 2008.

TEACHING: SUPERVISION OF CAPSTONE PROJECTS

University of Arkansas for Medical Sciences, College of Health
Related Professions

Respiratory Care at the University of Arkansas for Medical Sciences: An Oral History, 2011;
Non-invasive Positive Pressure Ventilation Usages: A Survey of Respiratory Therapists, 2011;
Tobacco Treatment Practices of Hospital-based Respiratory Therapists, 2011;
Rapid Response Teams: The Experience at Baptist Health, 2011;
Assessment of Need for an Asthma Self-management Program in the Baptist Health medical system, 2010;
A Protocol for Lung Recruitment in Adult Respiratory Distress Syndrome, 2009;
A Protocol for Preventing Aspiration in Patients Receiving Chronic Care and Education of the Health Care Staff, 2007;
Arkansas Respiratory Care Students' Perceptions of Professionalism and American Association for Respiratory Care Membership, 2001.

TEACHING: INDEPENDENT STUDY

Integration Project course, 2010-2012;
Scholarship Projects course, 2010-2012

TEACHING: LABORATORY COURSES

University of Arkansas for Medical Sciences, College of Health
Related Professions

Equipment and Techniques Laboratory, 2006 - 2007;
Basic Assessment and Diagnostics Laboratory, 1998, 2007.

CLINICAL TEACHING

University of Arkansas for Medical Sciences, College of Health
Related Professions

Clinical Practicum, 1998 – 2003; 2007 - 2012;
Clinical Internships, 1998 – present.

Arkansas Children's Hospital

Respiratory Care Services, new employee orientation, 1990 - 1998;
Pediatric medical residents, mechanical ventilation, 1992 - 1998;
University of Arkansas for Medical Sciences respiratory care students,
supervision of pediatric clinical rotations, 1990-1998.
Nursing, respiratory care, 1990 - 1998.

TEACHING: ADVANCED LIFE SUPPORT COURSES

University of Arkansas for Medical Sciences, College of Health
Related Professions

Pediatric Advanced Life Support Instructor, 2002 - 2003.

Arkansas Children's Hospital

Pediatric Advanced Life Support Instructor, 1995 - 2003;

Neonatal Resuscitation Program Instructor, 1995 - 1998;

Advanced Life Support Instructor, 1995 - 1998.

PROFESSIONAL SERVICE

Association for the Treatment of Tobacco Use and Dependence

Tobacco Treatment Specialist Training Program Accreditation Commission,
2008 – present;

Executive Board, Treasurer, 2010 – present;

Funding Committee, 2009 - present

Executive Board, Treasurer-elect, 2009.

American Association for Respiratory Care

Reviewer for scientific journal, Respiratory Care, 1997-present;

Asthma Committee, 1998 - 2001;

Reviewer for continuing education accreditation, 2000.

Arkansas Society for Respiratory Care

Arkansas State Conference Committee, 1998 - 2000;

Newsletter Editor, 1986 - 1987.

COMMUNITY SERVICE

Arkansas Regional Organ Recovery Agency

Simulation Planning and Debriefing Facilitator, 2013-present.

American Lung Association

Open Airways, school-based asthma education program, supervised
respiratory care students' participation, 2000-2004;

Smoking prevention, school-based program, 2000;

Asthma camp, 1995.

Arkansas Asthma Coalition, World Asthma Day, 2000.

Cystic Fibrosis Foundation

Cystic Fibrosis Camp, 1991-1992;

Terry Stome Memorial 5K Race benefiting the Arkansas Cystic Fibrosis Foundation, 1990-1994.

UNIVERSITY SERVICE

Interprofessional Education Curriculum Implementation and Evaluation Pillar Team, 2015-present;

eLearning Advisory Committee, College of Health Related Professions representative, 2011-2012;

Medical Center, Patient Smoking Cessation Task Force, 2009;

Self-study, survey sub-committee, Higher Learning Commission of the North Central Association accreditation, 2006;

Medical Application of Science for Health, 2002-2005;

Health Sciences Careers Outreach Summer Camp, 1999-2003.

COLLEGE SERVICE

Promotion and Tenure Committee (elected)

2009 - 2012; Chair (elected), 2010-2011 and 2011-2012;

2005 - 2008; Chair (elected), 2007 - 2008;

Consultant for Blackboard 8 Essentials and Introduction to Wimba workshops for distance faculty, 2010.

Student Recruitment Advisory Group, 2008;

New Student Orientation, 2002 – 2008;

Commencement, 2002 – 2009;

Marketing Task Force, 2004 - 2007;

Webmaster, 2002 - 2007;

Student Council Faculty Advisor, 2001 - 2006;

Grievance Committee, 2004 - 2006;

Search Committee, faculty position, Department of Health Information Management, 2005;

Search Committee, Associate Dean, 2003;

Search Committee, College Recruiter, 2003;

Grand Rounds Committee, 2000 - 2003;

Faculty Development Committee, 1998 - 1999.

DEPARTMENT SERVICE

Webmaster, 2002 – 2011;

Student recruitment, 1998 - 2012;

Student admissions, 1998 - 2012.