

STEVEN R. TALBERT, PhD, RN

University of Central Florida College of Nursing
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EDUCATION

Year	Degree	Institution	Clinical Major	Role Preparation
2002	PhD	University of Kentucky, Lexington, KY	Adult Health	Research
1992	MSN	University of Alabama Birmingham, Birmingham, AL	Adult Health Trauma	CNS
1988	BSN	Tennessee Technological University, Cookeville, TN	Nursing	

LICENSURE/CERTIFICATION

RN Florida, 9264416

EMPLOYMENT

ACADEMIC APPOINTMENTS:

01/2007-Present **Assistant Clinical Professor**, University of Central Florida College of Nursing, Orlando, FL
Director, PhD Program (2020)
01/2002-12/2007 **Assistant Professor**, Duke University School of Nursing, Durham, NC

CLINICAL APPOINTMENTS:

08/1993-12/2002 **Flight Nurse and Staff Nurse (Emergency Department)**, University of Kentucky Medical Center, Lexington, KY
01/2001-08/2001 **Chief Flight Nurse**, Milton S. Hershey Medical Center, Hershey, PA
07/1992-07/1993 **Clinical Nurse Specialist**, Memorial Medical Center, Savannah, GA
08/1991-07/1992 **Staff Nurse (Emergency Department)**, University of Alabama Hospital, Birmingham, AL
07/1990-07/1991 **Staff Nurse (Emergency Department)**, Vanderbilt University Medical Center, Nashville, TN
07/1988-06/1990 **Staff Nurse (Critical Care Recovery Unit and Emergency Department)**, University of Maryland Medical Center, Baltimore, MD

PUBLICATIONS

REFEREED JOURNALS: (* Data-based articles)

*Talbert DA, Talbert S. Trauma Triage in an Information Rich Environment. In: Proceedings of the American Medical Informatics Association Annual Symposium. 2021.

- Hill, P.P., Diaz, D.A., Anderson, M., **Talbert, S.** & Maraj, C. (*in press*). Using simulation-based education to teach interruption management skills: An integrative review. *Clinical Simulation in Nursing*.
- *Diaz, D., Eckhoff, D.O., Nunes, M., Anderson, M., Keiffer, M., Salazaar, I., Knur, L., & **Talbert, S.** (under review). The use of telehealth to maximize access to care for the LGBTQ+ community: A simulated randomized controlled study.
- *Sole, M.L., Yooseph, S., **Talbert, S.**, Abomoelak, B., Deb, C., Rathbun, K., Penoyer, D., Middleton, A., & Mehta, D. (2021). Pulmonary microbiome of patients receiving mechanical ventilation: Changes over time. *American Journal of Critical Care*. 30(2);128-132.
- *Sole, M.L., **Talbert, S.**, Emery, K., & Bourgault, A. (2021). 1034: Severity of acute respiratory distress syndrome and clinical outcomes (Research Snapshot: Pulmonary). *Critical Care Medicine*. 49(1);516.
- Kieth, A., **Talbert, S.**, & Warshawsky, N. (2021, in press). Factors that influence millennial generation nurses' intention to stay: An integrated literature review. (anticipated publication 04/2021)
- ***Talbert, S.**, Detrick, C., Rathbun, K. P., Middleton, A., Abomoelak, B., Deb, C., Mehta, D., & Sole, M. L. (2020). Intubation location, aspiration, and ventilator-associated conditions. *American Journal of Critical Care*. 29(5):371-378.
- *Keiffer, M., Anderson, M., Eckhoff, D., Blackwell, C., **Talbert, S.** (2020). Standardizing nurse practitioner student evaluation during high-stakes clinical exam. *Journal of the American Association of Nurse Practitioners*. DOI: [10.1097/jxx.0000000000000514](https://doi.org/10.1097/jxx.0000000000000514) PMID: 33105319
- *Sole, M.L., **Talbert, S.**, Rathbun, K.P., & Mehta, D.I. (2020). Is α -amylase an important biomarker to detect aspiration of oral secretions in ventilated patients? *Critical Care Explorations*, 2:e0159. DOI: [10.1097/CCE.0000000000000159](https://doi.org/10.1097/CCE.0000000000000159)
- *Díaz, D.A., Anderson, M., Quelly, S., Clark, K., & **Talbert, S.**, & Parker, AM. (2020). Early recognition of pediatric sepsis - Exploratory study. *Journal of Pediatric Nursing*, 50, 25-30. <https://doi.org/10.1016/j.pedn.2019.10.004>; Published ahead of print
- *Sole, M. L., **Talbert, S.**, Yan, X., Penoyer, D., Mehta, D., Bennett, M., Emery, K. P., Middleton, A., Deaton, L., Abomoelak, B., & Deb, C. (2019). Impact of deep oropharyngeal suctioning on microaspiration, ventilator events, and clinical outcomes: A randomized clinical trial. *Journal of Advanced Nursing*, 75(11), 3045-3057. doi:10.1111/jan.14142*
- *Sole, M.L., Middleton, A., **Talbert, S.**, Bennett, M., & Deaton, L. (2017). Enrollment challenges in critical care nursing research. *American Journal of Critical Care*, 26(5), 395-400.
- *Arkin, L.C., Reising, E., Penoyer, D., & **Talbert, S.** (2019). Impact of bundled care on outcomes following elective primary total hip or total knee arthroplasty. *Orthopaedic Nursing Journal*, 38(4), 262-269.
- *Thiamwong L, Stout JR, Sole ML, Ng BP, Yan X, **Talbert S.** (2020). Physio-feedback and Exercise pRogram (PEER) improves balance, muscle strength, and fall risk in older adults. *Research in Gerontological Nursing*. March 24; <https://doi.org/10.3928/19404921-20200324-01>.
- *Thiamwong, L., Huang, H. J., Ng, B. P., Yan, X., Sole, M. L., Stout, J. R., & **Talbert, S.** (2019). Shifting maladaptive fall risk appraisal in older adults through an in-home physio-feedback and exercise program (PEER): A pilot study. *Clinical Gerontologist*. <https://doi.org/10.1080/07317115.2019.1692120>.
- Sole, M.L., **Talbert, S.**, Yan, X., Penoyer, D., Mehta, D., Bennett, M., Middleton, A., & Emery, K.P. (2019). Nursing oral suction intervention to reduce aspiration and ventilator events (NO-ASPIRATE): A randomized clinical trial. *Journal of Advanced Nursing*, 75, 1108-1118. (Epub Jan 23 2019). <https://doi.org/10.1111/jan.13920>.
- *Jacobsen, K., **Talbert, S.**, Boyer, J. (2019). The benefits of digital drainage system versus traditional drainage system after robotic-assisted pulmonary lobectomy. *Journal of Thoracic Disease*, 11(12), 5328-5335. doi: [10.21037/jtd.2019.11.69](https://doi.org/10.21037/jtd.2019.11.69)
- Baringer, K., & **Talbert, S.** (2018). Chest drainage systems and management of air leaks following pulmonary resection. *Journal Of Thoracic Disease*, 9(12), 5399-5403.
- *Sole, M.L., **Talbert, S.**, Penoyer, D., Bennett, M., Sokol, S., & Wilson, J. (2014). Comparison of Respiratory Infections before and after Percutaneous Tracheostomy. 2014. *American Journal of Critical Care*, 23(6), e80- 87.
- *Sole, M.L., **Talbert, S.**, Penoyer, D., Bennett, M., Sokol, S., & Wilson, J. (2014). Characteristics, resource utilization, and nursing care of patients who undergo percutaneous tracheostomy. *Clinical Nurse Specialist*, 28(5), 288-295
- Talbert, S.**, & Sole, M.L. (2013). Too much information: Research issues associated with large databases. *Clinical Nurse Specialist* 27(2), 73-80.

- *Sole, M.L., **Talbert, S.**, Penoyer, D., Sokol, S., Bennett, M., & Wilson, J. (2012). Characteristics and outcomes of critically ill patients who require a percutaneous tracheostomy. *Critical Care Medicine*. 40(12):1-328. doi: 10.1097/01.ccm.0000424657.04455.82
- *Sole, M.L., **Talbert, S.**, Penoyer, D., Sokol, S., Bennett, M., & Wilson, J. (2012). Changes in physiological and ventilator parameters following tracheostomy. *Critical Care Medicine*. 40(12):1-328. doi: 10.1097/01.ccm.0000424676.97724.d2
- *Sole, M.L., Penoyer, D.A., Bennett, M., Bertrand, J., & **Talbert, S.** (2011). Oropharyngeal secretion volume in intubated patients : The importance of oral suction. *American Journal of Critical Care*, 20, e141-e145.
- *Sole, M.L., Su, X., **Talbert, S.**, Penoyer, D.A. Kalita, S., Jimenez, E., Ludy, J.E., & Bennett, M. (2011). Evaluation of an intervention to maintain endotracheal tube cuff pressure within therapeutic range. *American Journal of Critical Care*, 20, 109-119.
- ***Talbert, S.** (2009). Changing physiological status predicts need for trauma center resources. *Journal of Trauma Nursing*, 16(1), 2-7.
- *Talbert, D.A., Honeycutt, M., Smith, A., **Talbert, S.** (2009). An adaptive, population-sensitive decision support model for trauma triage. *Proceeding of the AMIA Symposium*.*#
- Blood-Siegfried, J.E., Short, N.M., Rapp, C.G., Hill, E., **Talbert, S.**, Skinner, J.,...Goodwin, L. (2008). A rubric for improving the quality of online courses. *International Journal of Nursing Education and Scholarship*, 5(1), 13p.
- Swaminathan, M., Shaw, A.D., Phillips-Bute, B.G., McGugan-Clark, P.L., Archer, L.E., **Talbert, S.**, Milano, C.A.,...Stafford-Smith, M. (2007). Trends in acute renal failure associated with coronary arter bypass graft surgery in the United States. *Critical Care Medicine*, 35(10), 2286-2291.
- ***Talbert, S.**, Talbert D. (October, 2007). A comparison of a decision tree induction algorithm with the ACS guidelines for trauma triage. *Proceeding of the AMIA Symposium*, 11, 1127.
- ***Talbert, S.**, Talbert, D. A. (2003). Developing a methodology to improve the allocation of specialized health resources for acutely injured persons. *Proceedings of the AMIA Symposium*, 11, 1025.
- Goodwin, L., VanDyne, M., Lin, S., & **Talbert, S.** (2003). Data mining issues and opportunities for building nursing knowledge. *Journal of Biomedical Informatics*, 36, 379-388.
- ***Talbert, S.** (2000). Pilot study for predicting appropriate use of air medical helicopters. Part 1: Interfacility transports. *Air Medical Journal*, 19, 59-65.*
- Talbert, S.**, & Talbert, P. (1998). Summary of strategies for managing severe traumatic brain injury during the early posttraumatic phase. *Journal of Emergency Nursing*, 24, 254-258.
- Talbert, S.** (1998). Acute post-obstructive pulmonary edema: Review and case study. *Air Medical Journal*, 17, 72-75.
- Talbert S.** (1993). Inhalation injuries: Review and two case studies. *Journal of Emergency Nursing*, 19, 482-485.

TEXTBOOKS:

- Talbert, S.** & Baker, P. (1998). *Course in Advanced Trauma Nursing: A Conceptual Approach*.. Chicago: Emergency Nurses Association.

BOOK CHAPTERS: (# Refereed)

- Talbert, S.** (2005). The unresponsive patient. In J. Fultz, P. Sturt, & B. J. Walters (Eds.), *Mosby's Emergency Nursing Reference (3rd ed.)*. St. Louis: Mosby.
- Talbert, S.** (2005). Respiratory emergencies. In J. Fultz, P. Sturt, & B. J. Walters (Eds.), *Mosby's Emergency Nursing Reference (3rd ed.)*. St. Louis: Mosby.
- Talbert, S.**, & Sturt, P. (2005). Neurologic emergencies. In J. Fultz, P. Sturt, & B. J. Walters (Eds.), *Mosby's Emergency Nursing Reference (3rd ed.)*. St. Louis: Mosby.
- Swartz, C., & **Talbert, S.** (2005). Trauma. In P. Kidd, P. Sturt, & J. Fultz (Eds.), *Mosby's Emergency Nursing Reference (3rd ed.)*. St. Louis: Mosby
- Swartz, C., & **Talbert, S.** (2001). Trauma. In P. Kidd, P. Sturt, & J. Fultz (Eds.), *Mosby's Emergency Nursing Reference (3rd ed.)*. St. Louis: Mosby.
- Talbert, S.** (2001). The unresponsive patient. In P. Kidd, P. Sturt, & J. Fultz (Eds.), *Mosby's Emergency Nursing Reference (3rd ed.)*. St. Louis: Mosby.
- Talbert, S.** (1998). Shock and fluid replacement in trauma. In S. Sheehy, J. Blansfield, D. Danis, & A. Gervasini (Eds.). *Manual of Clinical Trauma Care: The First Hour (3rd ed.)*.
- Swartz, C., & **Talbert, S.** (1996). Trauma. In P. Kidd & P. Sturt (Eds.), *Mosby's Emergency Nursing Reference* (pp. 657-685). St. Louis: Mosby.

- Talbert, S.** (1996). The unresponsive patient. In P. Kidd & P. Sturt (Eds.), *Mosby's Emergency Nursing Reference* (pp. 615-656). St. Louis: Mosby.
- Talbert, S.** (1995). Trauma systems: Foundations for excellence. In S. Talbert & P. Baker (Eds.). *Course in Advanced Trauma Nursing: A Conceptual Approach*. Park Ridge, IL: Emergency Nurses Association.
- Talbert, S.** (1995). Consciousness. In S. Talbert & P. Baker (Eds.). *Course in Advanced Trauma Nursing: A Conceptual Approach*. Park Ridge, IL: Emergency Nurses Association.

ABSTRACTS: (* Data-based, # Refereed)

- Hill, P.P., Díaz, D.A., Anderson, M., **Talbert, S.**, & Maraj, C. (2021). Simulation-based education for interruption management training: An integrative review. [Abstract published in Simulation in Healthcare for conference, IMSH 2021, New Orleans, Louisiana }.
- *Bourgault AM, Xie R, Sole ML, **Talbert S**, Abomoelak B. (2021). Relationship of Enteral Feeding to Microaspiration in Critically Ill Adults. *American Journal of Critical Care*, 30(3):e55.
- *# Sole, M.L., **Talbert, S.**, Emery, K., Bourgault, A. (2020). Severity of acute respiratory distress syndrome and clinical outcomes. (Submitted for 2021 SCCM Critical Care Congress. Currently under review.)
- *# Sole, M.L., Penoyer, D., **Talbert, S.**, et al. (2019). Enhanced versus usual oral care on aspiration, ventilator-associated events, and discharge outcomes. *Critical Care Medicine*, 47(1), 522.
- *# Sole, M., **Talbert, S.**, Bennett, M., Mehta, D., Abomoelak, B. (2018). Association between endotracheal factors and aspiration and ventilator associated conditions. *Society of Critical Care Medicine, Critical Care Congress abstract #1090*.
- *# Deaton, L., Sole, M., Middleton, Bennett, M., Yan, X., Penoyer, D... **Talbert, S.** (2016). Length of stay, ventilator duration, and mortality associated with ventilator-associated conditions. *Society of Critical Care Medicine, Critical Care Congress abstract #687*.
- *#Talbert, D.A., Chertok, H., Currie, K.R., Turpin, R.L., & **Talbert, S.** (2014). Correlating Clinical Information Use with Cost and Quality in a Rural ACO. *American Medical Informatics Association*.
- *#Sole, M.L., Aroian, K.J., Norris, A., **Talbert, S.**, Allred, K., Gonzalez, L., & Welch, G. (2014). Beyond mannequins: Developing an innovative, collaborative agenda for simulation research. *SNRS 2014 Conference Proceedings*.
<http://www.resourcenter.net/images/SNRS/Files/2014/AnnMtg/AbstractProceedings/data/index.htm>
- *#Sole, M.L., **Talbert, S.**, Aroian, K.J., & Welch, G. (2014). Face-to-Face: Interactive simulation using a mobile physical-virtual patient. *SNRS 2014 Conference Proceedings*.
<http://www.resourcenter.net/images/SNRS/Files/2014/AnnMtg/AbstractProceedings/data/index.htm>
- *#Gonzalez, L., Sole, M.L., **Talbert, S.**, & Welch, G. (2014). Aseptic techniques for insertion of catheters through simulation (ASEPTIC-SIM). *SNRS 2014 Conference Proceedings*.
<http://www.resourcenter.net/images/SNRS/Files/2014/AnnMtg/AbstractProceedings/data/index.htm>
- *#Allred, K., Sole, M.L., Aroian, K.J., **Talbert, S.**, Norris, A., Gonzalez, L., & Welch, G. (2014). Simulating subtle clinical changes and realistic conversation via a physical-virtual patient. *SNRS 2014 Conference Proceedings*.
<http://www.resourcenter.net/images/SNRS/Files/2014/AnnMtg/AbstractProceedings/data/index.htm>.
- *#Sole, M.L., **Talbert, S.**, Penoyer, D., Sokol, S., Bennett, M., Wilson, J. (2012). Changes in physiological and ventilator parameters following tracheostomy. *Critical Care Medicine*, 40(12 Supplement):1-328. Abstract #458.
- *#Keebler, J.R., Patzer, B., Lazzara, E., **Talbert, S.**, & Salas, E. (2012, October). Using augmented reality to enhance anatomy learning. *Proceedings of the 56th annual meeting of the Human Factors and Ergonomics Society*. Boston, MA.
- *#Talbert, D., Honeycutt, M., & **Talbert, S.** (2011). A machine learning and data mining framework to enable evolutionary improvement in trauma triage. *Machine Learning and Data Mining in Pattern Recognition : Lecture notes in Computer Science*, 6871, 348-361. Presented at 7th International Conference on Machine Learning and Data Mining in Pattern Recognition, Leipzig, Germany.
- Honeycutt, M., Talbert, D.A., & **Talbert, S.R.** (2010). Interactive knowledge frontier discovery with COBWEB-KFD. *Proceedings of the Florida Artificial Intelligence Research Society (FLAIRS)*.
- *#Sole, M.L., Su, X., Kalita S., **Talbert, S.**, Ludy, J., Aragon-Penoyer, D., Jimenez, E., et al. (2008). Evaluation of an intervention to maintain endotracheal tube cuff pressures within a therapeutic range. *Critical Care Medicine*, 36 (12 Supplement), A135.
- *#**Talbert, S.**, Talbert, D. A. (2003). Developing a methodology to improve the allocation of specialized health resources for acutely injured persons. *Proceedings of the AMIA Symposium*, 1025.

RESEARCH GRANTS

Date	Role	Title	Agency	Type	Amount
2007-2010	PI	Computer Assisted Trauma Triage (CATT) PI: Steve Talbert	National Institute of General Medical Sciences; National Institute of Health	Extramural	\$217,000 (30% time)
2008-2010	Data Manager	Strategies for Airway Management & Prevention Endotracheal Tube Cuff Intervention (STAMP-ETC) PI: Mary Lou Sole	National Institute for Nursing Research; National Institutes of Health	Extramural	\$275,000 (10% time)
2010	Consultant	Health IT Regional Extension Center PI: Karen van Caulil	Federal Government	Extramural	\$7.6 million (25% time)
2010	PI	Prevalence of Intraoperative Neonatal Non-Euglycemia Events (IONEE) PI: Steve Talbert	Florida Hospital	Extramural	\$10,500
2010	Data Manger	Airway Management in Mechanically Ventilated Patients PI: Mary Lou Sole	National Institutes of Health; National Institute for Nursing Research	Extramural	\$1.5M (not funded)
2010	Co-I	I THINK SMART PI: Eduardo Salas	AHRQ	Extramural	\$15M (not funded)
2010	Co-I	Community Health Informatics PI: Thomas Wan		Extramural	\$7M (not funded)
2011	Consultant	Strategic Teamwork for Obstetrics Rapid Response Crisis Scenarios (STORRCS) PI: Eduardo Salas	Florida Malpractice Attorneys	Extramural	\$500,000
2011	Consultant	Computerized Decision Support to Facilitate Crisis Management by Ad Hoc Groups PI: Doug Talbert	Tennessee Technological University	Intramural	\$4800
2012	Co-I	Characteristics and Airway Management of Patients Who Undergo Tracheostomy (CAMP-TRACH) PI: Mary Lou Sole	Sage Products	Extramural	\$22,000
2012	Co-I	Simulating Subtle Clinical Changes and Realistic Conversation: Going Beyond Mannequins PI: Kelly Allred	UCF SHELL	Intramural	\$125,000
2012	Consultant	Utilization of Augmented Reality Training Systems for Learning Anatomical Structures	UCF SHELL	Intramural	\$10,500

Date	Role	Title	Agency	Type	Amount
2012	Co-I	PIs: Joseph Keebler & Eduardo Salas Aseptic Techniques for Insertion of Catheters Through Simulation (ASEPTIC-SIM)	NLN	Extramural	\$11,500 (not funded)
2012	Co-PI	PI: Laura Gonzalez Physical-Virtual Patients: Dynamic Virtual Patients with Physical Manifestations to Enhance Holistic Assessment of Military Health Concerns.	DOD	Extramural	\$1,000,000 (not funded)
2014-2019	Data Analyst	PI: Greg Welch Oral Suction Intervention to Reduce Aspiration and Ventilator Events: NO-ASPIRATE	NINR	Extramural	\$2,300,000
Spring 2020	Co-I	PI: Mary Lou Sole AI in nursing simulation: Improving communication skills among pre-licensure nursing students		Extramural	\$9,000
02/21/2020	Co-I	Shifting maladaptive fall risk appraisal in older adults through an in-Home Physio-feedback Exercise pRogram (PEER)	U.S. National Academy of Medicine (NAM), and American Federation for Aging Research	Extramural U.S. NAM Catalyst Award	\$50,000 Pending
Spring 2020	Co-I	Resuscitation in COVID-19-Related Respiratory Arrest: A Simulated Team-Based Approach to Improve CPR Skills	Laerdal Foundation	Extramural	\$30,000 Not funded
11/04/2019 (5 year project)	Co-I	In-home Physio-fEedback Exercise pRogram (PEER) to reframe fall risk appraisal, improve balance and prevent falls in older adults	National Institutes of Health (NIH)/ National Institute on Aging (NIA)	Extramural (R01) Resubmission	\$2,789,834 Not funded <i>Resubmit 6/2020 (R34)</i>
02/04/2019	Co-I	In-home Physio-fEedback Exercise pRogram (PEER) to reframe fall risk appraisal, improve balance and prevent falls in older adults	National Institutes of Health (NIH)/ National Institute on Aging (NIA)	Extramural (R01)	\$3,489,834 (Not funded)
10/2020		Making computerized trauma triage decision support accurate and understandable.	National Library of Medicine	Extramural (R15)	\$262,343 (Not funded)
10/2020		From Microbiome to Modeling: Building on the NO-ASPIRATE Study to Inform Outcomes of Mechanical Ventilation	National Institutes of Health (NIH)	Extramural (R01)	\$3,566,233 (Not funded)

Date	Role	Title	Agency	Type	Amount
07/2021	Co-I	From Microbiome to Modeling: Building on the NO-ASPIRATE Study to Inform Outcomes of Mechanical Ventilation	National Institutes of Health (NIH)	Extramural (R01)	\$3,566,233 (Scored, 11%, awaiting funding decision)
10/2021		Making computerized trauma triage decision support accurate and understandable.	National Library of Medicine	Extramural (R15)	\$262,343 (Review in 02/2022)

OTHER FUNDING

Date	Role	Title	Agency	Type	Amount
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PRESENTATIONS—NATIONAL/INTERNATIONAL

- *Anderson, M., Diaz, D.A., Guido-Sanz, F., **Talbert, S.** (2022). Augmented reality training: Education to save maternal-child lives. IMSH, Society for Simulation in Healthcare. Los Angeles, CA.
- *Anderson, M., Diaz, D.A., Guido-Sanz, F., **Talbert, S.** (2021). Acute care simulation preparation and effectiveness utilizing augmented reality (AR). National League for Nursing Education Summit. Washington, DC.
- *Brown, K.E., **Talbert, S.R.**, & Talbert, D.A. (2021). The uncertainty of counterfactuals. Florida Artificial Intelligence Research Society (FLAIRS-34). North Miami Beach, FL.

Date	Type	Title	Conference Title, City/State	Refereed/Invited
2022	Poster	Are hospitalized patients at risk? Oral care practices and changes in oral health of non-ventilated patients.	Southern Nursing Research Society, New Orleans, LA.	Refereed
2021	Poster	Trauma triage in an information rich environment.	AMIA, San Diego, CA	Refereed
2021	Presentation	The uncertainty of counterfactuals.	FLAIRS 34, Miami Beach, FL	Refereed
2021	Poster	*Remembering to resume: A randomized trial comparing combined interruption management training and simulation-based education to simulation-based education alone	INACSL, Denver, CO	Refereed
2021	Poster	*Chlorhexidine gluconate oral care was associated with reduced mortality but increased ICU length of stay in mechanically ventilated patients.	NTI, Virtual	Referred
2021	Poster	*Relationship of Enteral Feeding with Microaspiration in Critically Ill Adults	NTI, Virtual	Referred

2020	Podium	*Effect of Mechanical Ventilation on the Pulmonary Microbiome over Time	SCCM, Orlando, FL	Refereed
2020	Podium	*Pepsin Microaspiration and Clinical Outcomes in Mechanically Ventilated Patients	SCCM, Orlando, FL	Refereed
2020	Poster	*Effect of Mechanical Ventilation on the Pulmonary Microbiome over Time	SNRS (student poster)	Refereed
2020	Poster	*Intubation Location, Aspiration, and Ventilator-Associated Conditions	SNRS (student poster) Awarded Top 10 Student Poster	Refereed
2020	Poster	*Standardizing nurse practitioner student evaluation during high-stakes clinical exams	The National Organization of Nurse Practitioner Faculties, 46 th Annual Conference, Chicago, IL (moved online due to COVID-19)	Refereed
2014	Poster	Correlating Clinical Information Use with Cost and Quality in a Rural ACO	AMIA	Referred
2012	Podium	The Impact of a Diabetic Resource Nurse Program on Nurses' Knowledge	NACNS, Chicago, IL	Referred
2011	Podium	A machine learning and data mining framework to enable evolutionary improvement in trauma triage	7th International Conference on Machine Learning and Data Mining in Pattern Recognition, Leipzig, Germany	Refereed
2010	Poster	Interactive Knowledge Frontier Discovery with COBWEB-KFD	Florida Artificial Intelligence Society (FLAIRS), Daytona Beach, FL	Refereed
2009	Poster	Adaptive, Population-Sensitive Decision Support Model for Trauma Triage	AMIA, Washington, DC	Refereed
2009	Poster	Evaluation of an intervention to maintain endotracheal cuff pressure within therapeutic range	AACN NTI	Refereed

PRESENTATIONS—LOCAL/REGIONAL/STATE

Date	Type	Title	Conference Title, City/State	Refereed/ Invited
2021	Podium	*Remembering to resume: A randomized trial comparing combined interruption management training and simulation-based education to simulation-based education alone	STT, Orlando, FL	Refereed
2012	Poster	The impact of a home health, nurse-driven telemonitoring program on readmissions in patients with heart failure	Sigma Theta Tau, Orlando, FL	Referred

2011	Poster	The Impact of a Diabetic Resource Nurse Program on Nurses' Knowledge. FNA, Daytona Beach	Florida Nurses Association, Daytona Beach, FL	Referred
2004	Poster	In-vitro study of colonization of multi-use closed suction systems over a 24-hour period	Florida Nurses Association 1996 Convention, Orlando, FL	Refereed
2003	Podium	Nurses practice with HIV+ patients. Co-presenter: Molly Wiggham	Sigma Theta Tau, Theta Epsilon Chapter 5th Annual Research Conference Optimizing Patient Outcomes Through Research Utilization and Dissemination, Orlando, FL	Refereed
2009	Podium	Introduction to Evidence Based Practice	Orlando Regional Medical Center	Invited
2009	Podium	Essential Evidence Based Practice Statistics	Orlando Regional Medical Center	Invited
2009	Podium	Quantitative Research Methodology	Orlando Regional Medical Center	Invited

HONORS/AWARDS

Date	Award	Organization/Group
2001	Distinguished Visiting Professor (Awarded to Ph.D. Dissertation)	University of Kentucky Graduate School

PROFESSIONAL ACTIVITIES & COMMUNITY SERVICE

PROFESSIONAL ORGANIZATIONS:

Date	Organization	Role
Present	American Medical Informatics Association	Member
Present	Air and Surface Nurses Association	Member
Present	American Trauma Society	Member

PUBLICATION EDITORIAL BOARDS AND REVIEW:

Date	Journal or Publisher	Role
1999-2001	<i>AirMed</i>	Co-Editor
2008-Present	CNS	Reviewer
2017-Present	PLOS One	Reviewer

COMMUNITY SERVICE:

Date	Organization	Role
2004-2007	North Carolina Quarter Midget Association	Volunteer EMS
2007-2009	Little New Smyrna Quarter Midget Racing Association	Volunteer EMS
2010-2015	Orlando Volleyball Academy	Math and science tutor

CONSULTATION:

Date	Consulting Organization/Individuals	Consultation Role
2005-2006	Rhön Klinikum AG Bad Neustadt, Germany	Curriculum consultant

Date	Consulting Organization/Individuals	Consultation Role
2007-Present	NASCAR Medical Liaisons Daytona Beach, FL	Symposium Development
2010-2014	Orlando Health Orlando, FL	Clinical Research Scientist

UNIVERSITY ACTIVITIES

UNIVERSITY SERVICE: (Cumulative)

Date	Level	Committee	Role
2015-2021	University	Strategic Planning Committee	Member
2010-2015	University	Student Fees	Member
2011-2012	University	Strategic Planning Committee	Subcommittee Chair, Member
2009-2011	College	MSN/DNP	Member
2008-2009	College	Simulation Committee	Co-Chairperson, Member
2010-2011	College	Graduate Faculty	Member
2007-2008	College	MSN Curriculum	Member
2014-2020	College	PhD Committee	Member, Chair (2018-2020)
2019-2020	College	Leadership Counsel	Member

DISSERTATION / THESIS / RESEARCH PROJECT ADVISING:

Dates	Student	Title	Level	Role
2020	Amanda Houston	Cognitive Load and simulation	PhD	Co-Chair
Current	Michelle Tall	Self-management in adolescents with epilepsy	PhD	Chair
Current	Peggy Hill	Simulation	PhD	Co-Chair
Current	Sharlene Smith	Stress	PhD	Committee Member
2019	Kristina Barringer	Evaluation of chest drainage systems following pulmonary resection	PhD	Chair
2012	Kristi Campoe	Interruptions during Medication Administration	PhD	Chair
2011-2012	Christine Allen	Bleeding Control Using Multiple Amputee Trauma Trainer in Medical Simulation: Comparison of Movement versus Non-Movement in Training	PhD	Committee Member
2011-Present	Joan Grano	Ventilator-Associated Complications in the Mechanically-Ventilated Veteran	PhD	Committee Member
2011-2012	Elizabeth Joseph	Barriers of Timely Administration of Thrombolytics in Acute Ischemic Stroke Patients	DNP	Chair
2011	Randi Bush-Burman	Identifying Drug Seeking Behaviors in the Emergency Department	HIM	Chair
2011	Cody Amato	Effectiveness of Subglottic Suctioning Techniques in Preventing Ventilator Associated Pneumonia	HIM	Committee Member
2011	Angela Zimmerman	Nursing Interventions in the Care of Patients Undergoing Induced Hypothermia	HIM	Committee Member
2010	Zulay Ritroski	Prevalence of Intraoperative Neonatal Non-Euglycemia Events (IONEE) Among Neonates < 2500 grams	DNP	Co-Chair
2009	Allison Burfield	Evaluating Management of Pain in Patients with Dementia	Ph.D.	Committee Member

COURSES TAUGHT:

Semester	Course	Course Name	Role
Spring 2021	NGR 7817	Quantitative Methods in Nursing and Healthcare I	Faculty
	NGR 7827	Measurement, and Data Management	Faculty
	NGR 7912	Doctoral Project 2	Faculty
	NGR 7913	Doctoral Project 3	Faculty
	NGR 7939	Advanced Research Methods	Co-Faculty
Fall 2020	NGR 7980	Doctoral Dissertation	Chair
	NGR 7818	Quantitative Methods in Nursing and Healthcare II	Faculty
	NGR 7827	Measurement, and Data Management	Faculty
	NGR 7911	Doctoral Project 1	Faculty
	NGR 7912	Doctoral Project 2	Faculty

Semester	Course	Course Name	Role
Summer 2020	NGR 7980	Doctoral Disseration	Chair
	NGR 6801	Research Methods	Faculty
	NGR 7806	PhD Seminar II	Faculty
Spring 2020	NGR 7820	Innovative Technology in Healthcare	Faculty
	NGR 7919	Doctoral Research I	Faculty
	NGR 7817	Quantitative Methods I Concepts,	Faculty
	NGR 7827	Measurement, and Data Management	Faculty
	NGR 7911	Doctoral Project I	Faculty
Fall 2019	NGR 7919	Doctoral Research	Faculty
	NGR 7818	Quantitative Methods in Nursing and Healthcare II	Faculty
Summer 2019	NGR 7827	Concepts, Measurement, and Data Management	Faculty
	NGR 6908	Independent Study	Faculty
	NGR 7806	PhD Seminar II	Faculty
Spring 2019	NGR 7820	Innovative Technology in Healthcare	Faculty
	NGR 7817	Quantitative Methods I	Faculty
Fall 2018	NGR 7827	Concepts, Measurement, and Data Management	Faculty
	NGR 7980	Dissertation	Chair
	NGR 6801	Research Methods	Faculty
Summer 2018	NGR 7818	Quantitative Methods in Nursing and Healthcare II	Faculty
	NGR 7980	Dissertation	Chair
	NGR 6801	Research Methods	Faculty
	NGR 7806	PhD Seminar II	Faculty
Spring 2018	NGR 7820	Innovative Technology in Healthcare	Faculty
	NGR 7919	Doctoral Research I	Faculty
	NGR 7980	Dissertation	Chair
	NGR 6801	Research Methods	Faculty
	NGR 7817	Quantitative Methods I	Faculty
Fall 2017	NGR 7827	Concepts, Measurement, and Data Management	Faculty
	NGR 7919	Doctoral Research I	Faculty
	NGR 7980	Dissertation	Chair
	NGR 6801	Research Methods	Faculty
Summer 2017	NGR 7818	Quantitative Methods in Nursing and Healthcare II	Faculty
	NGR 7919	Doctoral Research I	Faculty
	NGR 6801	Research Methods	Faculty
	NGR 7806	PhD Seminar II	Faculty
Spring 2017	NGR 7820	Innovative Technology in Healthcare	Faculty
	NGR 7919	Doctoral Research I	Faculty
	NGR 6801	Research Methods	Faculty
Fall 2016	NGR 7817	Quantitative Methods I	Faculty
	NGR 7827	Concepts, Measurement, and Data Management	Faculty
	NGR 4971H	Honors Thesis	Faculty
	NGR 5871	Nursing Informatics	Instructor
Summer 2016	NGR 6801	Research Methods	Instructor
	NGR 7818	Quantitative Analysis 2 Quantitative Methods in Nursing and Healthcare II	Instructor
	NUR 4907H	Honors in the Major	Chair

Semester	Course	Course Name	Role
Spring 2016	NGR 7806	PhD Seminar II	Instructor
	NGR 7820	Innovative Technology in Healthcare	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 6908	Independent Study	Instructor
	NGR 7817	Quantitative Analysis 1	Instructor
Fall 2015	NGR 7827	Concepts, Measurement, and Data Analysis	Instructor
	NGR 5141	Pathophysiology	Instructor
Summer 2015	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 6813	Evidence Based Nurse Practice	Instructor
Spring 2015	NGR 7820	Innovative Tech in Healthcare	Instructor
	NGR 5141	Pathophysiology	Instructor
	NGR 5141	Pathophysiology	Instructor
	NGR 6801	Research Methods	Instructor
Fall 2014	NGR 7827	Concepts, Measures, and Data Management	Instructor
	NGR 5141	Pathophysiology	Instructor
	NGR 5871	Nursing Informatics	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Summer 2014	NGR 6801	Research Methods	Instructor
	NGR 7806	PhD Seminar II	Instructor
	NGR 7820	Innovative Technology in Healthcare	Instructor
Spring 2014	NGR 5141	Pathophysiology	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 7827	Concepts, Measures, and Data Management	Instructor
Fall 2013	NGR 5141	Pathophysiology	Instructor
	NGR 5141	Pathophysiology	Co-Instructor
	NGR 5871	Nursing Informatics	Instructor
	NGR 6801	Research Methods	Instructor
Summer 2013	NGR 6105	Management of Symptoms and Outcomes of Diseases	Instructor
	NGR 6801	Research Methods	Co-Instructor
Spring 2013	NGR 6801	Research Methods	Instructor
	NGR 7806	PhD Seminar 2	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 7827	Concepts, Measurement, and Data Management	Instructor
Fall 2012	NGR 5871	Nursing Informatics	Instructor
	NGR 6801	Research Methods	Instructor
Summer 2012	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Spring 2012	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Fall 2011	NGR 6801	Research Methods	Instructor
	NGR 5871	Nursing Informatics	Instructor
Summer 2011	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Spring 2011	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor

Semester	Course	Course Name	Role
Fall 2010	NGR 5871	Nursing Informatics	Instructor
	NGR 6801.	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Summer 2010	NGR 6813	Evidence Based Practice	Instructor
	NGR 6813	Evidence Based Practice	Instructor
	NGR 6105	Symptom Management	Instructor
Spring 2010	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Fall 2009	NGR 6801	Research Methods	Instructor
	NGR 5871	Nursing Informatics	Instructor
Summer 2009	NGR 7919	Independent Study	Instructor
	NGR 6813	Evidence Based Practice	Instructor
	NGR 6105	Symptom Management	Instructor
Spring 2009	NGR 6801	Research Methods	Instructor
	NGR 6801	Research Methods	Instructor
Fall 2008	NGR 6813	Evidence Based Practice	Co-Instructor
	NGR 6801	Research Methods	Instructor
	NGR 5871	Nursing Informatics	Instructor
Summer 2008	NGR 7919	Independent Study	Instructor
	NGR 6813	Evidence Based Practice	Instructor
	NGR 6105	Symptom Management	Instructor
	NGR 5801	Research Methods	Instructor
Spring 2008	NGR 5801	Research Methods	Instructor
	NGR 5801	Research Methods	Instructor
Fall 2007	NGR 5871	Nursing Informatics	Instructor
	NGR 5801	Research Methods	Instructor
Summer 2007	NGR 6105	Symptom Management	Instructor
Spring 2007	NGR 6192	Pharmacology	Instructor
	NGR 5801	Research Methods	Instructor