

STEVEN R. TALBERT, PhD, RN

University of Central Florida College of Nursing
12201 Research Parkway Suite 300
Orlando, FL 32826
(407) 823-2888—Office
(407) 823-5675—Fax

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
01/2002-12/2007 **Assistant Professor**, Duke University School of Nursing, Durham, NC

CLINICAL APPOINTMENTS:

07/1993-12/2002 **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
07/1992-06/1993 **Clinical Nurse Specialist**, Memorial Medical Center, Savannah, GA
01/1992-06/1992 **Staff Nurse (Emergency Department)**, University of Alabama Hospital, Birmingham, AL
07/1990-12/1991 **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, 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)

*# 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.

*#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.
- 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*.*#
- 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	Florida Hospital	Extramural	\$10,500

Date	Role	Title	Agency	Type	Amount
		Non-Euglycemia Events (IONEE) PI: Steve Talbert			
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 PIs: Joseph Keebler & Eduardo Salas	UCF SHELL	Intramural	\$10,500
2012	Co-I	Aseptic Techniques for Insertion of Catheters Through Simulation (ASEPTIC-SIM) PI: Laura Gonzalez	NLN	Extramural	\$11,500 (not funded)
2012	Co-PI	Physical-Virtual Patients: Dynamic Virtual Patients with Physical Manifestations to Enhance Holistic	DOD	Extramural	\$1,000,000 (not funded)

Date	Role	Title	Agency	Type	Amount
2014-2017	Data Analyst	Assessment of Military Health Concerns. PI: Greg Welch Oral Suction Intervention to Reduce Aspiration and Ventilator Events: NO-ASPIRATE PI: Mary Lou Sole	NINR	Extramural	\$2,300,000

OTHER FUNDING

Date	Role	Title	Agency	Type	Amount
------	------	-------	--------	------	--------

PRESENTATIONS—NATIONAL/INTERNATIONAL

Date	Type	Title	Conference Title, City/State	Refereed/Invited
2014	Poster	Correlating Clinical Information Use with Cost and Quality in a Rural ACO	AMIA	Refereed
2012	Podium	The Impact of a Diabetic Resource Nurse Program on Nurses' Knowledge	NACNS, Chicago, IL	Refereed
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
2012	Poster	The impact of a home health, nurse-driven telemonitoring program on readmissions in patients with heart failure	Sigma Theta Tau, Orlando, FL	Refereed

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	Digital Analytics Association	Member
Present	Society for Simulation in Healthcare	Member

PUBLICATION EDITORIAL BOARDS AND REVIEW:

Date	Journal or Publisher	Role
1999-2001	<i>AirMed</i>	Co-Editor
2008-Present	CNS	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-Present	Orlando Volleyball Academy	Math and science tutor

CONSULTATION:

Date	Consulting Organization/Individuals	Consultation Role
2005-2006	Rhön Klinikum AG Bad Neustadt, Germany	Curriculum consultant
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
2010-2015	University	Student Fees	Member
2011-2012	University	Strategic Planning Committee	Subcommittee Chair, Member
2009-2011	College	MSN/DNP	Member
2008-2009, 2010-2011	College	Simulation Committee	Co-Chairperson, Member
2019-2012	College	Graduate Faculty	Member
2007-2008	College	MSN Curriculum	Member
2014-2015	College	PhD Committee	Member

DISSERTATION / THESIS / RESEARCH PROJECT ADVISING:

Dates	Student	Title	Level	Role
2014	Maxine Hicks	TBD	PhD	Committee Member
2012	Kristi Campoe	TBD	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	Enrollment	Role
Fall 2015	NGR 5141	Pathophysiology	30	Instructor
	NGR 6801	Research Methods	22	Instructor
	NGR 6801	Research Methods	19	Instructor
Summer 2015	NGR 6801	Research Methods	14	Instructor
	NGR 6813	Evidence Based Nurse Practice	9	Instructor
	NGR 7820	Innovative Tech in Healthcare	9	Instructor
Spring 2015	NGR 5141	Pathophysiology	26	Instructor
	NGR 5141	Pathophysiology	20	Instructor
	NGR 6801	Research Methods	29	Instructor
	NGR 7827	Concepts, Measures, and Data Management	6	Instructor
Fall 2014	NGR 5141	Pathophysiology	23	Instructor
	NGR 5871	Nursing Informatics	19	Instructor
	NGR 6801	Research Methods	28	Instructor
	NGR 6801	Research Methods	23	Instructor
Summer 2014	NGR 6801	Research Methods	18	Instructor

Semester	Course	Course Name	Enrollment	Role
	NGR 7806	PhD Seminar II	3	Instructor
	NGR 7820	Innovative Technology in Healthcare	4	Instructor
Spring 2014	NGR 5141	Pathophysiology	22	Instructor
	NGR 6801	Research Methods	13	Instructor
	NGR 7827	Concepts, Measures, and Data Management	20	Instructor
Fall 2013	NGR 5141	Pathophysiology	23	Instructor
	NGR 5141	Pathophysiology	31	Co-Instructor
	NGR 5871	Nursing Informatics	30	Instructor
	NGR 6801	Research Methods	27	Instructor
Summer 2013	NGR 6105	Management of Symptoms and Outcomes of Diseases	5	Instructor
	NGR 6801	Research Methods	24	Instructor
	NGR 6801	Research Methods	23	Co-Instructor
	NGR 7806	PhD Seminar 2	4	Instructor
Spring 2013	NGR 6801	Research Methods	16	Instructor
	NGR 6801	Research Methods	19	Instructor
	NGR 7827	Concepts, Measurement, and Data Management	17	Instructor
Fall 2012	NGR 5871	Nursing Informatics	32	Instructor
	NGR 6801	Research Methods	18	Instructor
Summer 2012	NGR 6801	Research Methods	27	Instructor
	NGR 6801	Research Methods	15	Instructor
	NGR 6801	Research Methods	14	Instructor
Spring 2012	NGR 6801	Research Methods	20	Instructor
	NGR 6801	Research Methods	16	Instructor
Fall 2011	NGR 5871	Nursing Informatics	40	Instructor
	NGR 6801	Research Methods	41	Instructor
Summer 2011	NGR 6801	Research Methods	26	Instructor
	NGR 6801	Research Methods	19	Instructor
Spring 2011	NGR 6801	Research Methods	22	Instructor
	NGR 6801	Research Methods	26	Instructor
Fall 2010	NGR 5871	Nursing Informatics	23	Instructor
	NGR 6801	Research Methods	18	Instructor
	NGR 6801	Research Methods	21	Instructor
Summer 2010	NGR 6813	Evidence Based Practice	19	Instructor
	NGR 6813	Evidence Based Practice	16	Instructor
	NGR 6105	Symptom Management	34	Instructor
Spring 2010	NGR 6801	Research Methods	37	Instructor
	NGR 6801	Research Methods	31	Instructor
Fall 2009	NGR 6801	Research Methods	42	Instructor
	NGR 5871	Nursing Informatics	27	Instructor
Summer 2009	NGR 7919	Independent Study	1	Instructor
	NGR 6813	Evidence Based Practice	12	Instructor
	NGR 6105	Symptom Management	31	Instructor
Spring 2009	NGR 6801	Research Methods	53	Instructor
	NGR 6801	Research Methods	30	Instructor
Fall 2008	NGR 6813	Evidence Based Practice	25	Co-Instructor
	NGR 6801	Research Methods	8	Instructor
	NGR 5871	Nursing Informatics	21	Instructor
Summer 2008	NGR 7919	Independent Study	1	Instructor
	NGR 6813	Evidence Based Practice	6	Instructor
	NGR 6105	Symptom Management	29	Instructor
Spring 2008	NGR 5801	Research Methods	39	Instructor

Semester	Course	Course Name	Enrollment	Role
	NGR 5801	Research Methods	32	Instructor
Fall 2007	NGR 5871	Nursing Informatics	14	Instructor
	NGR 5801	Research Methods	25	Instructor
Summer 2007	NGR 6105	Symptom Management	13	Instructor
Spring 2007	NGR 6192	Pharmacology	17	Instructor
	NGR 5801	Research Methods	15	Instructor