

Curriculum Vitae

1. Date: January 2019

**PERSONAL**

2. Name: Jill Steiner Sanko

3.-10. N/A

**II. HIGHER EDUCATION**

**11. Institutional:**

2015 Ph.D. Nursing, University of Miami, Coral Gables, FL.  
2003 M.S. Nursing, University of Maryland, Baltimore, MD.  
1997 B.S.N. Nursing, Rush University, Chicago, IL.  
1988 B.A. Anthropology, University of Florida, Gainesville, FL.

**12. Non-Institutional:**

2004 - Institute for Medical Simulation Comprehensive Simulation Course, Center for Medical Simulation, Boston, MA.

2007 - Institute for Medical Simulation Graduate Simulation Course, Center for Medical Simulation, Boston, MA

2016 – iSim Research Skills for Simulation Educators, WISER Center / Gordon Center for Medical Research, Miami, FL

**13. Licensure:**

2008- Present: State of Florida, ARNP (Acute Care Nurse Practitioner), ARNP#3202082,  
Expires April 30, 2019.

2015- Present: State of North Carolina, RN

**13a. Certifications:**

ANCC Acute Care Nurse Practitioner Certification Board, Certificate # 0386578, Expires 2019.

Certified Healthcare Simulation Educator – Advanced, Certificate # 131060, Expires June, 2019

Certified Program Leader for Friday Night at the ER Team Learning Simulation

**EXPERIENCE**

**14. Academic:**

- 2015 – present Assistant Professor, University of Miami School of Nursing & Health Studies, Coral Gables, FL
- 2015- 2016 Academic and Research Director of Simulation, International Academy for Clinical Simulation and Research, University of Miami School of Nursing & Health Studies, Coral Gables, FL
- 2012- 2015 Teaching assistant / Research assistant, University of Miami School of Nursing & Health Studies, Coral Gables, FL
- 2008-2012 Research and Simulation Education Specialist, UM-JMH Center for Patient Safety, Miami, FL

**15. Non Academic:**

- 2015 - current Camp Nurse – Keystone Camp, Brevard, NC
- 2003-2008 Associate Director – Clinical Simulation and Patient Safety Service, National Institutes of Health, Clinical Center, Bethesda, MD
- 2003-2008 Nurse Practitioner – Cardiac Imaging Research Protocols Director, National Institutes of Health, National Institutes of Heart, Lung & Blood, Bethesda, MD Hospital
- 2000- 2003 ICU Staff Nurse, Adult / Pediatrics - National Institutes of Health, Bethesda, MD
- 1999-2000 Staff – Travel RN, John’s Hopkins, Baltimore, MD & Children’s National Medical Center, Washington, DC.
- 1997- 1998 Staff RN, Miami Children’s Hospital, Med – Surg, Miami, FL
- 1997- 1999 Home Health Visiting Nurse, Pediatric Services of America, Miami, FL
- 1998-1999 Staff RN, Miami Children’s Hospital, PICU, Miami, FL.

**16. Military: N/A**

**IV. PUBLICATIONS**

**17. Books and Monographs:**

Sanko, J.S., & Guillet Agrawal, A. (2008). The Clinical Simulation Service and NIH: Our Journey in Richard R. Kyle, Jr. and W. Bosseau Murray (Eds) *Clinical Simulation Operations, Engineering and*

*Management*, Elsevier Publishers.

Sanko, J.S. (2011). Nurse Practitioner in A. T. Weinstein. *Earn it, Learn it: Teach Your Child the Value of Money, Work, and Time Well Spent*. Source Books.

Sanko, J.S. (2011). September 18<sup>th</sup> contribution in Katherine Pakieser-Reed. *A Daybook for Nurse Educators*. Sigma Theta International.

Shekhter, I., & Sanko, J.S. (2012). Interrupted by Facebook. In S.B. Goldsmith (ed) *Understanding Health Care Management, A Case Study Approach*. Jones & Bartlett Publishers.

Sanko, J.S., Shekhter, I., Kyle, R., Birnbach, D.J. (2014). Using Embedded Simulation Persons ( aka“Confederates” in Janice Palaganas, Juli Maxworthy, Chad A. Epps & Mary E. Mancini. *Defining Excellence in simulation Programs*. Wolters Klower.

Sanko, J.S. & Lenchus, J. (2016). Aseptic Technique in N. Multek Clinical Procedures for Health Professionals, Jones and Bartlett, Burlington, MA.

Sanko, J. & Battista, A. (2017). Embedded standardized patients. In C. Foisy-Doll & K. Leighton (Eds.) *Simulation Champions: Courage, Caring, and Connection*. Philadelphia: Wolters Kluwer.

Nestel, D., Sanko, J., & McNaughton. (2017). Simulated participant methodologies: Maintaining humanism in practice. In D. Nestel, M. Kelly, B. Jolly, & M. Watson (Eds.). *Healthcare Simulation Education: Evidence, Theory & Practice*, First Edition. John Wiley & Sons.

Sanko, J. & Battista A. (accepted, anticipated publication 2019). Making use of different data types. In D. Nestle, J. Hui, K. Kunkler, A. Calhoun, & M. Scerbo (Eds.). *Healthcare Simulation Research: A Practical Guide*. Springer, East Brunswick, NJ.

Reedy, G., Sanko, J., & Simpson, T. (accepted, anticipated publication 2019). Writing an ethics application. In D. Nestle, J. Hui, K. Kunkler, A. Calhoun, & M. Scerbo (Eds.). *Healthcare Simulation Research: A Practical Guide*. Springer, East Brunswick, NJ.

## 18. Refereed Journal Articles :

Sanko, J. S. (2004). Aspiration assessment and prevention in critically ill enterally fed patients: Evidence-based recommendations for practice. *Gastroenterology Nursing : The Official Journal of the Society of Gastroenterology Nurses and Associates*, 27(6), 279-285. doi:10.1097/00001610-200411000-0000

Shekhter, I., Nevo, I., Fitzpatrick, M., Everett-Thomas, R., Sanko, J.S., & Birnbach, J.D. (2009). Creating a Common Patient Safety Denominator: The Interns' Course. *Journal of Graduate Medical*

*Education, December*, 269- 272. DOI: 10.4300/JGME-D-09-00028.1

Lenchus JD, Kalidindi V, **Sanko J.S.**, et al. (2010). Critical elements to advance procedural instruction: Knowledge, attitudes, and skills. *Academic Internal Medicine Insight*, 8(1), 14-18.

Gluck, P., Nevo, I., Lenchus, J.D., **Sanko, J.S.**, Everett-Thomas, R., Fitzpatrick, M., Shekhter, I., Arheart, K.L., & Birnbach, J.D. (2010). Factors Impacting Hand Hygiene Compliance Among New Interns: Findings From a Mandatory Patient Safety Course. *Journal of Graduate Medical Education*. June, 228-213. DOI: 10.4300/JGME-D-09-00106.1

Sanko, J., Shekhter, I., Rosen, L., Arheart, K., & Birnbach, D. (2012). Man versus machine: The preferred modality. *The Clinical Teacher*, 9(6), 387-391. doi:10.1111/j.1743-498X.2012.00593.x

Shekhter, I., Rosen, L., **Sanko, J.**, Everett-Thomas, R., Fitzpatrick, M., & Birnbach, D. (2012). A patient safety course for preclinical medical students. *The Clinical Teacher*, 9(6), 376-381. doi:10.1111/j.1743-498X.2012.00592.x

Birnbach, D. J., Nevo, I., Barnes, S., Fitzpatrick, M., Rosen, L. F., Everett-Thomas, R., **Sanko, J.**, Arheart, K. L. (2012). Do hospital visitors wash their hands? Assessing the use of alcohol-based hand sanitizer in a hospital lobby. *American Journal of Infection Control*, 40(4), 340. doi:10.1016/j.ajic.2011.05.006

Sanko, J. S., Shekhter, I., Kyle, J., Richard R, Di Benedetto, S., & Birnbach, D. J. (2013). Establishing a convention for acting in healthcare simulation: Merging art and science. *Simulation in Healthcare : Journal of the Society for Simulation in Healthcare*, 8(4), 215-220. doi:10.1097/SIH.0b013e318293b814

Lenchus, J., Carvalho, C., Ferreri, K., **Sanko, J.**, Arheart, K, Fitzpatrick, M., and Issenberg, S. (2013). Filling The Void: Defining invasive bedside procedural competency in Internal Medicine. *Journal of Graduate medical Education* December DOI: <http://dx.doi.org/10.4300/JGME-D-13-00030.1>

Mckay, M., **Sanko, J.**, Shekhter, I., & Birnbach, D. (2014). Twitter as a tool to enhance student engagement during an interprofessional patient safety course. *Journal of Interprofessional Care*, 28(6), 565-567. doi:10.3109/13561820.2014.912618

Mckay. M. & **Sanko, J.** (2014). Simulation based adverse event reporting system: development and feasibility. *Clinical Simulation in Nursing*, 10 (5), e261-e269.

Sanko, J., Mckay, M., Solle, N., De Santis, J. (2015). Learning from simulation-based medication event reporting: a mixed methods analysis. *Clinical Simulation in Nursing*, 11(6), e300-308.

Sanko, J, Shekhter, I, Mckay, M., Gattamorta, K., & Birnbach, D. (2015). Interprofessional Simulation Olympics as a platform to assess team work knowledge acquisition. *BMJ Simulation & Technology Enhanced Learning*, 0, 1-5

Sanko, J, Mckay, M, & Rogers, S. (2016). Exploring the impact of mindfulness meditation in pre-licensure and post graduate nurses. *Nurse Education Today*, 45, 142-147.

Sanko, J., Shekhter, I, Gattamorta, K., Birnbach, D. (2016). Development and Psychometric Analysis of a Tool to Evaluate Confederates. *Clinical Simulation in Nursing* 12, 475-481.

Sanko, J. (2017). Simulation as a teaching technology; A brief history of its use in nursing education. *Distance Education*,14(1), 21-29.

Sanko, J. (2017\*\*Reprint of Article in Distance Education, 14 (1)). Simulation as a teaching technology; A brief history of its use in nursing education, *Quarterly Review of Distance Education*,18(2).

Sanko, J & Mckay, M. (2017). The impact of a simulation enhanced pharmacology course in prelicensure nursing education. *Nurse Educator*, 42(5s), S32-S37

Scerbo, M.W, Calhoun, A.W., Paige, J.T., **Sanko, J.**, & Sokolowski, J. (2018). The second Society for Simulation in Healthcare Research Summit: Beyond our Boundaries. *Simulation in Healthcare: Journal of the Society for Simulation in Healthcare*,13(3S), S1 –S6.

Sanko, J.S, Kim, J.Y., Mckay, M. (2018). Adverse Event Reporting Following Simulation Encounters in Accelerated and Traditional BSN Students. *Nurse Education Today*,70, 34-39.

Sanko, J. (2018). Bald Faced Hornet Stings: Management and What You Need to Know as a Camp Healthcare Provider. *CompassPoint, Journal of the Association of Camp Nurses*.

Presti, C & **Sanko, J.** (13, July 2018; PAP). Adaptive quizzing improves end-of-program examination scores. *Nurse Educator*,44(3).

Mckay, M, **Sanko, J.**, Salani, D. (accepted for publication, 2019). Teaching Patient Safety Concepts Using Gaming and Simulation. *Nurse Educator*, 44(2).

Sanko, J., Schneidereith, T., Cowperthwait, A., Onello, R. (accepted for publication, 2019). Findings from a human roles terminology survey: Consensus or chaos? *BMJ Simulation and Technology Enhanced Learning*.

Lewis-Pierre, L., Mckay, M., **Sanko, J.**, Gattamorta, K., & Azaiza, K. (accepted for publication, 2019). Comparing online module with simulation on Attitudes Toward the Dying. *Journal of Palliative Care*

Sanko, J., Mckay, M., Shekhter, I, Motola, I, Birnbach, D. (under review). What Participants Learn, With, From, and About Each Other During Inter-professional Education Encounters: A Qualitative Analysis. *Journal of Interprofessional Care*.

**19. Other works, publications and Abstracts:  
Refereed Abstracts:**

Lenchus, J., Murphy, D., Everett-Thomas, R. Shekhter, I., Nevo, I., Fitzpatrick, M., Castillo, D., **Sanko, J.**, & Birnbach, D. (2008). The end of “see one, do one, teach one” era: Simulation-based instruction of invasive bedside procedures improves patient safety. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 3(4), 274.

Nevo, I, Shekhter, I., Everett, R., Fitzpatrick, M., Scheinman, S., Castillo, D., Lenchus, J., **Sanko, J.**, Plummer, E., & Birnbach, D. (2008). Do physicians make better patients? Enhancing standardized patient simulators. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 3(4), 279.

Nevo, I., Plummer, E., Everett, R., Fitzpatrick, M., Shekhter, I., Scheinman, S., Castillo, D., Lenchus, J., **Sanko, J.**, & Birnbach, D. (2008). A game of “monkey see, monkey do”: Simulation reveals the impact of the leader on hand hygiene compliance. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 3(4), 280.

Lenchus, J., Everett-Thomas, R., **Sanko, J.**, Kalidindi, V., Fitzpatrick, M., Shekhter, I., Nevo, I., & Birnbach, D. (2009). Standardized invasive bedside procedural training improves self-assessed confidence and competence. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 4(4), 273.

Everett-Thomas, R., Shekhter, I., Mait, J., **Sanko, J.**, Fitzpatrick, M., & Birnbach, D. (2009). Testing automated hand hygiene surveillance in a simulated environment. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 4(4), 298.

Gluck, P.A., **Sanko, J.**, Everett-Thomas, R., Fitzpatrick, M., Lenchus, J., & Birnbach, D.J., (2009). What factors influence hand hygiene compliance? *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 4(4), 324.

Birnbach, D., Cook, A., Rosen, L., Fitzpatrick, **Sanko, J.**, & Lenchus, J., (2010). Enhancing situational awareness in third-year medical students using simulation based education. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 5(6), 380. Second place award winner – education, competency, & assessment.

Birnbach, D., Nevo, I., Shekhter, I., **Sanko, J.**, Everett-Thomas, R., & Fitzpatrick, M., (2010). Comparing high-technology simulators vs standardized patients for teaching teamwork and communication skills to medical students. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 5(6), 381.

Everett-Thomas, R., Nevo, I., **Sanko, J.**, Fitzpatrick, M., Shekhter, I., & Birnbach, D. (2010). Using information gained during a simulation-based educational program to create a new paradigm for hand hygiene compliance among medical students. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare*, 5(6), 391.

Nevo, I., Everett-Thomas, **Sanko, J.**, Rosen, L., & Birnbach, D. (2010). The values of simulation for pre-implementation testing of a new hand hygiene tracking system. *Simulation in Healthcare: Journal*

*for the Society for Simulation in Healthcare, 5(6), 422.*

Birnback, D., Shekhter, I., **Sanko, J.**, Rosen, L., Barnes, S., & Gluck, P. (2010). Using puzzles to teach teamwork: Getting a better perspective. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 5(6), 437.*

Birnback, D., Shekhter, I., Everett-Thomas, R., **Sanko, J.** (2010). Patient safety room of horrors. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 5(6), 448.* First place award winner impact of physical setting on simulation context.

**Sanko, J.**, Shekhter, I., Thomas, R., Fitzpatrick, M., Lenchus, J., & Birnback, D., (2011). The evolution of a simulation-based patient safety course. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 6(6), 457.*

Birnback, D., Thomas, R., Fitzpatrick, M., **Sanko, J.**, Arheart, K., King, D., & Blaev, I. (2011). Using Simulation to investigate the impact of scents on hand hygiene compliance. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 6(6), 394.*

Thomas, R., **Sanko, J.**, Valdes, B., Valdes, G., Shekhter, I., & Rosen, L. (2012). Do role-specific colored vests on code team members improve CPR performance during simulation emergencies? *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 7 (6), 510.*

Birnback, D., Fitzpatrick, M., Thomas, R., Ramirez, J., **Sanko, J.**, Rosen, L., & Shekhter, I. (2012). Testing a hand hygiene compliance monitoring system utilizing a depth-sensing camera in a simulated clinical environment. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 7 (6), 562.* 3<sup>rd</sup> place award winner for technology innovation.

Thomas, R., Fitzpatrick, M., **Sanko, J.**, & Shekhter, I., (2012). Using wireless computer technology to maximize the efficiency of a simulation program. *Simulation in Healthcare: Journal for the Society for Simulation in Healthcare, 7 (6), 565.*

Mckay, M., & **Sanko, J.** (2013). Board # 210 - program innovations abstract. Development and use of an electronic adverse event reporting system for simulation encounters: A feasibility study (submission #351). *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare, 8(6), 466-467.* doi:10.1097/01.SIH.0000441475.01229.c0 4<sup>th</sup> place award winner, program innovation.

Mckay, M., **Sanko, J.**, Shekhter, I., & Birnback, D. (2013). Board 358 - program innovations abstract. How tweet it is: Twitter as a tool to enhance engagement and exploration of student experiences during an inter-professional simulation-based patient safety course. *Simulation in Healthcare, 8(6), 466.* doi:10.1097/01.SIH.0000441514.39278.72

Sanko, J. & Shekhter, I (2014). Board # 155 – research abstract. Get your ACTs together: Development and psychometric analysis of a tool to assess confederates contribution to simulation-based education. *Simulation in Healthcare, 9 (6), 428.*

Sanko, J., Barroso-Suarez, S., Lewis-Pierre, L., Mckay, M., Salani, D., Trujillo, G., & Valdes, B. (2014). Board # 239 – program innovation abstract. Drive By’ Simulation and game-based educational fair to promote patient safety awareness. *Simulation in Healthcare*, 9 (6), 465

Sanko, Jill S., "Exploring the Cohesion-Performance Relationship in Inter-professional Healthcare Teams" (2015). *Open Access Dissertations*. Paper 1375.  
[http://scholarlyrepository.miami.edu/oa\\_dissertations/1375](http://scholarlyrepository.miami.edu/oa_dissertations/1375)

Mckay, M, **Sanko, J**, Motola, Ivette, Hauck-Perez, K, and Birnbach, D. (2015) Board 17576 – Research abstract. Use of team self-debriefing during an interprofessional simulation-based patient safety course. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 10(6), 439. doi: 10.1097/SIH.000000000000130

Sanko, J. (2015). Board 17857 – Research abstract. Exploring the cohesion-performance relationship in interprofessional teams during a simulation –based patient safety course. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 10(6), 441. doi: 10.1097/SIH.000000000000130

Sanko, J, Mckay, M, Azaiza, K, and Salani, D. (2015). Board 17583 – Program Innovation abstract. Low technology simulation game to promote personal protective equipment knowledge. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 10(6), 450. doi: 10.1097/SIH.000000000000130

Lopreiato, J. O. (Ed.), Downing, D., Gammon, W., Lioce, L., Sittner, B., Slot, V., Spain, A. E. (Associate Eds.), and the Terminology & Concepts Working Group. (2016). *Healthcare Simulation Dictionary*. \***Member of the Terminology & Concepts Working Group.**

Crenwhaw, N., Briones, P, Gonzalez, J, Owusu, B, & **Sanko, J**. (2016,). Using Simulation in a Nurse Practitioner program to augment student clinical experiences. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 11(6), 471. Presented at the 2017 IMSH, Orlando, FL

Sanko, J & Mckay, M. (2016). Simulation Encounters as a Research Tool: Observing Medication Administration Practices Following a Simulation-Based Intervention. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 11(6), 480. Presented at the 2017 IMSH, Orlando, FL

Mays, L., Barroso, S, Roberson, A, Salani, D, & **Sanko, J**. (2016). Do you hear what I hear? Utilizing simulation strategies to promote sensitivity and empathy in undergraduate nursing students. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 11(6), 478. Presented at the 2017 IMSH, Orlando, FL

Valdes, B, **Sanko, J**, & Mckay, M. (2019). Using an escape room activity to teach leadership and teamwork skills to RN to BSN students. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, (in Press). Presented at the 2019 IMSH, San Antonio, TX

## Non-Refereed Articles



Sanko, J. (2016). Healthcare Simulation – A multi-billion-dollar solution to safer health care. CIO Review, July 15, 2016.

### Publication Links

#### My Bibliography

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1zU7eduI5woke/bibliography/53213967/public/?sort=date&direction=ascending>.

#### ORCID

<https://orcid.org/0000-0001-9680-0464>



#### Scopus ID

<https://www.scopus.com/authid/detail.uri?authorId=8201815300>

### 20. Other Works Accepted for Publication:

## V. PROFESSIONAL

### 21. Funded Research

Sanko, J. (2017). Exploring the impacts of simulated adverse event reporting systems on attitudes toward adverse event reporting. Sigma Theta Tau International, Bet Tau Chapter Faculty Award. Current, \$1,490.00

Tran, L., Sanko, J., Salani, D., & Matsuda, Y. (2017). “Dwell: An Interactive Tabletop Simulation Game Teaching How Poverty Impacts Health and Healthcare Access” University of Miami, current. \$5000.00 – Center For Communication, Culture, and Change Grant – University of Miami School of Communication

Sanko, J. (2017-2018). A Multi-institution Collaboration to Study the Impacts of Friday Night at the ER®, a Table Top Simulation on Systems Thinking in Groups of Healthcare Providers and Students. University of Miami, current. \$17,000.00 – University of Miami Provost Award

Mckay, M. & Sanko, J. (2013-2014). Exploring the impact of mindfulness training on mindfulness and ethical decision making, University of Miami School of Nursing and Health Studies. Completed. \$24,898.00 – Arsht Ethics Initiatives Grant

Mckay, M. & Sanko, J. (2014-2015). Bridging the gap: bridging the gap: making medication administration safer through simulation, University of Miami School of Nursing and Health Studies, Completed. \$40,000.00 – Florida Blue Foundation Grant

#### Key Personnel:

Simulation-based Instruction of Invasive Bedside Procedures. 2008-2012. University of Miami- Jackson Memorial Hospital, Center for Patient Safety.

## 21a. Other Research

**Protocol Manager**, 2001- 2003. Sickle Cell Disease/ Nitric Oxide Study. National Institutes of Health.

**Research Coordinator**: 2003-2008. Critical Care Medicine Department. National Institutes of Health.

**Associate Investigator**: 2003- 2005. ARVC Isoproterenol Challenge Study. National Institutes of Health.

**Associate Investigator**: 2001-2008. ICU Training Protocol. National Institutes of Health.

**Associate Investigator**: (2003- 2004). Do Left Ventricular Abnormalities Contribute to Pulmonary Hypertension and Sudden Death in Sickle Cell Anemia. National Institutes of Health.

**Associate Investigator**: (2006- 2008) Magnetic resonance Angiography (MRA) in the diagnosis of Atherosclerotic disease using high field (3T) MRI scanners: A pilot technical development study. National Institute of Health Lung and Blood

**Co- Investigator**: (2008-2010). Appropriateness of proton pump inhibitor utilization as stress ulcer prophylaxis in hospitalized patients. University of Miami - completed

**Co- Investigator**: (2009-2012). Evaluation of Anesthesia Procedures During Simulation Training. University of Miami.- completed

**Co-Investigator**: (2009-Current). Using a longitudinal view to evaluate patient safety curriculum for medical students and residents. University of Miami

**Co- Investigator**: (2011 –2012). Outcome of airway management Simulation-based Training in Anesthesiology Residents. University of Miami - completed

**Co-Investigator**. (2012-2013). A retrospective study using video recordings to identify deviations/errors in the 2005 and 2010 AHA recommendations on CPR performance exercises among nurses and physicians. University of Miami. - completed

**Co-Investigator**: (2013-Current). Assessing patient safety attitudes and culture. University of Miami School of Nursing and Health Studies

**Primary Investigator**: (2012- 2015). Exploring the Cohesion – Performance Relationship in Inter-professional Healthcare Teams. University of Miami, Completed – Dissertation Project

**Sub-investigator**: (2015-2016) Novel Alarms in Simulated Operating Rooms. University of Miami

**Primary Investigator**: (Current) A Multi-Institution Collaboration to Study the Impacts of Friday Night at the ER®, a Table Top Simulation on Systems Thinking in Groups of Healthcare Providers and Students. University of Miami School of Nursing and Health Studies

**Primary Investigator**: (Current) Re-classification of self-reported adverse events in a simulation program

using Reason's Error Taxonomy. University of Miami School of Nursing and Health Studies

**Primary Investigator:** (2017 - Completed) Exploration of terms used to describe live roles in simulation. University of Miami

**Co-Investigator:** (2017- Completed). Novel Use of Adaptive Quizzing. University of Miami School of Nursing and Health Studies

**Co-Investigator:** (Current). A survey of Adverse Event Reporting Attitudes in Nursing Students – University of Miami School of Nursing and Health Studies

**Co-Investigator:** (Current). Physical Therapists' Perception of Their Ability to Practice to the Full Scope of Their Education and Training - University of Miami

**Co-Investigator:** (Current). Evaluating accelerated nursing students' attitudes toward caring for patients at the *End of Life*. – University of Miami School of Nursing and Health Studies.

**Co-Investigator:** (Current). A Comparison of Nursing Students' Poverty Learning Experience. University of Miami School of Nursing and Health Studies.

## 22. Editorial responsibilities:

- Invited Reviewer Nurse Educator - Current
- Invited Reviewer Simulation Standards - 2016
- Invited Reviewer Journal of Addiction Research & Therapy - 2016
- Invited Reviewer BMC Health Services Research - 2016
- Invited Reviewer Journal of Professional Nursing - 2016
- Invited Reviewer American Journal of Infection Control - 2015
- Reviewer for Journal for Simulation in Healthcare - Current
- Reviewer for Clinical Teacher – 2015-2017
- Invited Reviewer for American Journal of Infection Control - 2015
- Co- Editor SONHS- Patient Safety Newsletter – 2012-Current

## 23. Professional Organizations:

### 23a. Membership

2018 -Current            Association of Camp Nurses  
2017 -Current            The National League of Nursing

2008-Current	Society for Simulation in Healthcare
2014- Current	International Nursing Association for Clinical Simulation and Learning
2013- 2015	Florida Healthcare Simulation Alliance
2014- Current	Sigma Theta Tau – Beta Tau Chapter
2002- 2007	American Association of Critical Care Nursing

### 23b. Offices Held in Professional Organizations

2017-current	<b>Chair</b> , Super-Sized Simulation Programs Affinity Group, Society for Simulation in Healthcare
2016-2018	<b>Planning Co-Chair</b> – International Meeting of Simulation in Healthcare, Society for Simulation in Healthcare
2016 – 2017	IMSH 2017 Research Summit <b>Planning Committee Member</b> - Society for Simulation in Healthcare
2015 – 2017	Leadership transition planning – <b>Co-chair</b> , Sigma Theta Tau, Beta Tau Chapter.
2015 – current	<b>Subject Matter Expert – CHSE Certification Exam</b> , Society for Simulation in Healthcare
2015	<b>Planning committee member</b> – Tri-state Simulation Alliance Conference, Florida Healthcare Simulation Alliance
2015 -2016	<b>Nursing Section - Section Liaison</b> , Society for Simulation in Healthcare
2013- current	<b>Member</b> . Work group on the development of Simulation in Healthcare Terminology Dictionary. Society for Simulation in Healthcare
2013- 2015	<b>Member</b> , Florida Healthcare Simulation Alliance Region Leadership Executive Committee.
2012- current	<b>Co-Chair</b> , Patient Safety Committee- University of Miami School of Nursing and Health Studies. Current
2013 -2016	<b>Co-Section Chair</b> , Program Innovation Track – International Meeting on Simulation in Healthcare
2011- 2013	<b>Chair</b> , Membership Committee, Society for Simulation in Healthcare
2010 -2012	<b>Co-Chair</b> , SSH- Immersive Track International Meeting for Simulation on Healthcare
2011	<b>Vice Chair Membership Committee</b> , Society for Simulation in Healthcare
2012	<b>Section Chair</b> , Military and Government Track at International Meeting on Simulation in Healthcare
2009- 2010	<b>Co-Chair</b> , Nursing Special Interest Group Society for Simulation in Healthcare
2008-2011	<b>Secretary</b> , Jackson Memorial Hospital CPR Committee
2001	<b>Co- Chair</b> , Advisory group for the removal of blue food dye as a diagnostic tool for the detection of aspiration, NIH – Clinical Center.

### 24. Honors and Awards:

- Selected as an Early Career Reviewer at the Center for Scientific Review; National Institutes of Health
- Fellow of the Academy of The Society For Simulation in Healthcare (FSSH) - Current

- Hero of Healthcare Simulation – 2017 – National Healthcare Simulation Week – Breakthrough Learning
- Frontline Simulation Champion Award – International Nursing Association for Clinical Simulation and Learning, 2017
- Presidential Citation Award - Society for Simulation in Healthcare - International Nursing Association for Clinical Simulation and Learning & Society for Simulation in Healthcare Regional Meeting Taskforce Committee, 2017
- Research Award - International Meeting on Simulation in Healthcare - 5<sup>th</sup> Place Research Abstract Award, Exploring the Cohesion-Performance Relationship in Inter-professional Teams During a Simulation Based Patient Safety Course, IMSH 2016.
- March of Dimes, Nurse of the Year Finalist, Monroe –Dade County, 2014
- Graduate Assistantship – University of Miami School of Nursing, PhD program, 2012-2015
- Service Award - Society for Simulation in Healthcare Research Committee Service Award, 2013, 2014
- Service Award - Society for Simulation in Healthcare Membership Committee Service Award, 2014
- Service Award - Society for Simulation in Healthcare Nursing SIG Service Award, 2011

**25. Post-Doctoral Fellowships:** None

**26. Other professional activities:**

- Friday Night at the ER expert program leader, 2017
- Improving Simulation Instructional Methods; Research Skills for Simulation Educators, 2016

**26a. Presentations at National & International Meetings (\*Peer reviewed)**

***International***

- Sanko, J, Tran, L, & Salani. (2019). Dwell: A table top simulation game to teach about the impacts of poverty on health and healthcare choices. Presented at the International Meeting on Simulation in Healthcare 2019, Annual Games Arcade / SimVentors showcase, San Antonio, TX.
- Valdes, B, **Sanko, J**, & Mckay, M. (2019). Using an escape room activity to teach leadership and teamwork skills in RN to BSN students. Presented at the International Meeting on Simulation in Healthcare 2019, San Antonio, TX.
- \*Tran, L., Sanko, J., Salani, D., Matsuda, Y. (2018, October). Dwell. Meaningful Play Conference. Game Exhibit. East Lansing, MI.
- \*Mckay, M., & **Sanko, J**. (2018, June). What Participants Learn, With, From, and About Each Other During Inter-Professional Simulation Based Education Encounters: A Qualitative Analysis. Podium presentation, presented at the International Nursing Association for Clinical Simulation and Learning Conference. Toronto, Canada.
- \*Sanko, J., Mckay, M., Hartley, G., Mandel, D., Shekhter, I., Motola, I. (2018, June). Learning From and Evaluations of an IPE Patient Safety Course Including Nursing, Medicine, and Physical Therapy. Podium presentation presented at presented at Quality Safety Nursing Education 2018 International Forum. Bonita Springs, FL

- \*Sanko, J., Mckay, M., Jordan, J., Pierce, C. & Azaiza, K. (2018, May). Developing and Implementing Computer Based Games to Teach Patient Safety Concepts. Poster presented at Quality Safety Nursing Education 2018 International Forum. Bonita Springs, FL
- \*Onello, R, Schneidereith, T, **Sanko, J**, & Cowperthwait, A. (2017, June). Who's on First? What's on Second?: How the lexicon of SP methodology may be muddying the water. *International Nursing Association of Clinical Simulation and Learning Annual Conference*: Washington, D.C.
- \*Mckay, M., Salani, D, & **Sanko, J**. (2017, July). Measuring Nurse Tutor Simulation Education Confidence and Competence Following a Collaborative Nursing Education Certificate Program. *Accepted for oral presentation at Sigma Theta Tau International's 28<sup>th</sup> International Nursing Research Congress*. Dublin, Ireland
- \*Lewis-Pierre, L, Mckay, M, **Sanko, J**, & McCain, M. (2017, July). Using Multicultural Role-Play to Improve End-of-Life Care Education. *Accepted for oral presentation at Sigma Theta Tau International's 28<sup>th</sup> International Nursing Research Congress*. Dublin, Ireland
- \*Battista, A., Dubrow, S., **Sanko, J.**, Bannan, B., (2017, January) How interprofessional healthcare teams coordinate tasks and communicate during a scenario-based simulation. Poster Accepted for Presentation at the 17th International Meeting for Simulation in Healthcare, at International Meeting on Simulation in Healthcare, Orlando, FL.
- \*Sanko, J. (2016, January) Exploring the Cohesion –Performance in inter-professional teams during a simulation-based patient safety course, podium presentation presented at IMSH 2016, San Diego, CA
- \*Hui, J, **Sanko, J**, Kargon-Egren, S., Scerbo, M (2015, January). Expert panel- research proposal development workshop presented at International Meeting on Simulation in Healthcare New Orleans, LA
- \*Mckay, M, & **Sanko, J**. (2015, July). Experiences of pre-licensure and post licensure nurses participating in mindfulness training: A qualitative study (submission # 70875). *Accepted for poster presentation at Sigma Theta Tau International's 26<sup>th</sup> International Nursing Research Congress*. San Juan, Puerto Rico.
- \*Mckay, M & **Sanko, J**. (2015, July). Exploring the impact of mindfulness training on mindfulness and ethical decision making in pre licensure and post graduate nurses (Submission # 71710). *Accepted for oral presentation at Sigma Theta Tau International's 26<sup>th</sup> International Nursing Research Congress*. San Juan, Puerto Rico.
- \*Battista, A & **Sanko, J**. (2015, January). Quality of Participation Engagement in Scenario-Based Simulations: Implications for Education, Assessment and Research podium presentation presented at IMSH New Orleans, LA
- \*Sanko, J., Durham, C., Epps., Decker, S., Palaganas, J., & Schocken, D. (2015, January). Inter professional educational courses and curriculum design; considerations, challenges & successes, expert panel presented at International Meeting on Simulation in Healthcare, New Orleans, LA
- \*Mckay, M & **Sanko, J**. (2014, January). Development and use of an electronic adverse event reporting system for simulation encounters: A feasibility study. Podium presentation presented at International Meeting on Simulation in Healthcare, San Francisco, CA. 4<sup>th</sup> place award winner, program innovation
- \*Sanko, J. (2013, January). Concepts of Human Error in Healthcare: Teaching Healthcare Providers to Prevent It podium presentation presented at the Faculty Development Symposium Orlando, FL
- \*Hui, J., **Sanko, J.**, Scerbo, M & Cason, C. (2013, January). Research Proposal Development, expert panel presented at International Meeting on Simulation in Healthcare, Orlando, FL.
- \*Sanko, J., Raemer, D., Kyle., R., Gaba, D., & Schatzer, J. (2013, January). Confederate, Simulated

Person, or Standardized Actor: A Terminology Debate International Meeting on Simulation in Healthcare, 2013, Orlando, FL

- \*Sanko, J. Beyond Education and Training: Challenges of Running Medical Simulators in New Paradigms. International Meeting on Simulation in Healthcare, 2012, San Diego, CA.
- Manos, J., Palaganas, J., **Sanko, J.** & Wallace, P (2012, June). Integrating high-technology simulators into standardized patient simulation pre-conference workshop presented at Association for Standardized Patients in Education, Annual Meeting, San Diego, CA.

### *National*

- \*Hartley G, Mandel D, Drevyn E, **Sanko JS**, McKay M. (2019, January). Physical therapist students' perception of a tri-professional patient safety course on performance during terminal clinical experiences. Poster presentation, American Physical Therapy Combined Section Meeting, Washington, D.C.
- \*Lewis-Pierre, L., Mckay, M., **Sanko, J.**, Aziza, K., & Belgrave, L. (2016, September). Utilizing Technology to Intergrate End-of-Life-Care Education in a Second Semester Adult Health Course, Poster Presentation presented at the National League of Nursing 2016 Education Summit, Orlando, FL.
- \*Mckay, M., & **Sanko, J.** (2016, May). Bridging the Gap: Making Medication Administration Safer Through Simulation Enhanced Pharmacology Education for Pre-Licensure Nursing Students, Podium presentation presented at Quality Safety Nursing Education Forum, San Antonio, TX.
- \*Sanko, J., & Mckay, M. (2016, March). Improving Medication Administration Competence and Confidence through Simulation Enhanced Pharmacology, poster presentation, presented at the Florida Healthcare Simulation Alliance, Excellence In Simulation Conference, Orlando, FL.
- \*Mckay, M., & **Sanko, J.** (2014, November). Learning From Making Mistakes: A Mixed Methods Analysis of Medication Adverse Event Reporting as Part of a Simulation Program, Podium presentation presented at AACN, Baccalaureate Education Conference, Baltimore, MD.
- Palaganas, J., Raemer, D., **Sanko, J.**, & Schocken, D. (2012, June). Good Morning ASPE with Guest Host Dr. Dan. Plenary Session presented at Association for Standardized Patients in Education, Annual Meeting San Diego, CA.

### *Local*

- \*Hartley G, Mandel D, Drevyn E, **Sanko JS**, McKay M. (2018, September). Physical therapist students' perceptions of a tri-professional patient safety course. Poster presentation, Florida Physical Therapy Association Annual Conference, Orlando, FL.
- Sanko, J. & Mckay, M. (2015, December). Twitter as a student engagement tool. Presented at University of Miami School of Nursing and Health Studies, Technology day Miami, FL
- Sanko, J., & Birnbach, D. (2014, March). Running an Interactive Multi-day Inter-professional Simulation Based Patient Safety Course. Florida Healthcare Simulation Alliance, South Florida Region Spring Conference. Miami, FL
- \*Mckay, M. & **Sanko, J.** (2014, September). Uniting Art and Science for the Sake of Patient Safety. South Florida Nursing Consortium Conference Fall Davie, FL

## 26b. Invited Presentations

**International**

- Sanko, J. (2015, April). Exploring the cohesion-performance relationship in inter-professional healthcare teams. SSH, Nursing Section educational series teleconference presentation.
- Sanko, J. Mckay, M., & Rogers, S. (2015, July). Exploring the Impact of Mindfulness Training on Mindfulness and Ethical Decision Making in Pre-Licensure and Post Graduate Nurses, Podium Presentation. XIII Iberoamerican Conference on Nursing Education, Rio de Janeiro, Brazil.

**National**

- Torrents, H., Miller, L.D., Sanko, J.S., Agarwal, G. (2018, June). Art Benefits Healthcare. The Association of Academic Museums and Galleries and the International Council of Museum's Committee for University Museums and Collections 2018 Joint Conference, Coral Gables, FL.
- Durham, C & Sanko, J. (2016, December). Experiential Team-Learning for Healthcare Professionals; Friday Night at the ER. RNLMI Nursing Symposium: Advancing Nursing Excellence 2016. RNLMI, Brooklyn, NY

**Local**

- Sanko, J. (2016, January). Simulation as a Teaching Technology. University of Miami School of Nursing and Health Studies Academic Technology Conference, Miami FL
- Hooshmand, M, Roberson, A, Sanko, J., Gonzales-Guarda, R. .... (2016, May). Doctoral Nursing Career Discussion Panel. El Centro & SONHS Educational Opportunity, SONHS, Coral Gables, FL
- Sanko, J., Mckay, M, & Azazia, K. (2016, May). Using Games to Teach Concepts : A Personal Protective Equipment Game as an Exemplar. Faculty Showcase 2016, Coral Gables, FL
- Smith, M., Gross, L., Sanko, J., Rozzano, L., & Wilson, A. (2016, February). Changing Times, Changing Roles; Nursing and the Connected Care: Blending High Touch with High Tech. Expert Panel presented at Nursing Consortium of South Florida, Davie Florida.
- Sanko, J Conducting research with simulation and simulated environments: Pitfalls and Tips, FHSA Spring South Region Meeting, 2015, Davie, FL

**26c. Consultation:**

2014- 2015: Gaumard Scientific. Educational content reviewer

2016-2017: DNP Capstone, Loyola University Chicago. Emerging Infectious Disease Simulation Project

2017 – current: Breakthrough Learning – Friday Night at the ER team learning simulation expert

**TEACHING**

**27. Teaching Awards Received:** None.

**28. Teaching Specialization:** Patient Safety, Simulation-based education, Inter-professional education, Pediatric Nursing

**28a. Courses Taught at the University of Miami School of Nursing & Health Studies**

Semester, Year	Course	Degree Program
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Fall 2016, Spring 2017, Fall 2017, 2018	NUR 300: Inter-professional Education Seminar	BSN
Fall 2015, Spring 2016	NUR 320: Child and Adolescent Health Nursing	BSN
Fall 2014	NUR 430: Leadership in Nursing NUR 314 : Health Assessment & Promotion Lab	BSN
Summers 2014-2019	Inter-professional patient safety course	BSN- MD, DPT
Spring 2018	BPH/NUR 305: Issues in Health Disparities	RN-BSN
Spring 2018,2019; Fall 2018	BPH/NUR 317: Growth and Development	Undergraduate
Spring 2019	NUR 304: Adult Health I - Clinical	Undergraduate

**28b. Guest Lectures at the University of Miami**

- Sanko, J. (2018, Fall). Dwell, a table-top simulation game to address the impacts of poverty on health and healthcare decisions. Presented to EPS 587
- Sanko, J & Salani, D. (2018, Fall). Dwell, a table-top simulation game to address the impacts of poverty on health and healthcare decisions. Presented to NUR 412
- Sanko, J (2018,Fall). Dwell, a table-top simulation game to address the impacts of poverty on health and healthcare decisions. Presented to CIM 417
- Sanko, J (2018, Fall) Patient Safety Research, Past, Present, Future, Presented to NUR 400 Class
- Sanko, J (2017, Fall) Research in Patient Safety, Presented to NUR 400 Class
- Sanko, J (2017, Fall) Alterations in Pediatric Cardiovascular System. Presented to NUR 320 class
- Sanko, J (2016, Fall) Bridging the Gap: Making Medication Administration Safer Through Simulation Enhanced Pharmacology Education for Pre- licensure Nursing Students. Presented to BSN Research course
- Sanko, J (2016, Fall) Near Miss Concept analysis. Presented to the PhD students in Epistemology
- Sanko, J. (2016, Summer). Alterations in Pediatric Cardiovascular System. Presented to NUR 320 class
- Sanko, J. (2014, Fall). The ins and outs of developing tools. Presented to the PhD students in Measurement
- Sanko, J (2014, Fall). Pt safety concepts – connecting the dots. Presented to SRNA
- Sanko, J. (2014, Fall) Control intervention Studies, Presented to PhD students in Research
- Sanko, J. (2014, Fall) Near Miss Concept analysis. Presented to the PhD students in Epistemology
- Sanko, J. (2013, Fall) Pt safety concepts –connection the dots. Presented to the SRNA students

**28c. Courses Developed and Directed**

- Patient Safety Interns course – Co- Developer, 2009, 2010, 2011
- Patient Safety Medical student course – Co- Developer, 2009, 2010, 2011
- IPE Patient Safety course - Co- Developer, 2013, 2014, 2015, 2016, 2017, 2018
- Child and Adolescent Health Nursing, Course Director – 2015, 2016
- Seminar in IPE – Course Director, 2016, 2017, 2018

**28d. Student Mentoring**

- Fall 2017 Jenivieve Curley, BSN Student
- Fall 2017, Spring 2018 Julia Dankanich, BSN Student
- Spring 2017 Jaspaul Chhina, BSN Student
- Spring 2016 Elizabeth Campbell, DNP Student
- Spring 2016 Millie Lopez, DNP Student
- Spring 2016 Brandi Manthei, DNP Student
- Spring 2016 Kysha Cerisier, DNP Student
- Fall 2016 Pricilla Gonzalez, MSN Student
- Fall 2016 Divina Smith, MSN Student
- Fall 2016 Estela Oitiniano, MSN Student

**VII. SERVICE**

**30. Committees and Administrative Responsibilities:**

2019 – current	<b>Board of Governance member</b> , Society for Simulation in Healthcare Academy.
2018-current	<b>Content / Abstract Reviewer</b> , International Nursing Association for Clinical Simulation & Learning,
2018 – current	<b>Advisory Board Member</b> , SIMPL Simulation, LLC
2017 – current	<b>Committee member</b> , Internal relations committee, Society for Simulation in Healthcare
2017 – 2018	<b>Committee member</b> , Meetings Oversight Commission, Society for Simulation in Healthcare
2016	<b>Grant Reviewer</b> , International Nursing Association for Clinical Simulation & Learning, Chamberlain College of Nursing and DeVry Medical International’s Institute for Research and Clinical Strategy Grant
2016 – 2017	<b>Sub-committee member</b> , International Nursing Association for Clinical Simulation & Learning Standards for SPs.
2016	<b>Sub-committee chair</b> , International Nursing Association for Clinical Simulation & Learning – Society for Simulation in Healthcare –Educational Workshop Committee
2015-2016	<b>Planning Committee member</b> – Florida Healthcare Simulation Alliance – Excellence Sim Conference
2015- 2016	<b>Sub-committee chair</b> , Society for Simulation in Healthcare Academy Committee

2014 –current.	<b>Member</b> , Society for Simulation in Healthcare nursing section
2013-2016	<b>Member</b> , Society for Simulation in Healthcare, Terminology and Concepts Working Group
2013- 2015	<b>Member</b> , Society for Simulation in Healthcare-Membership committee
2012- current.	<b>Member</b> , Society for Simulation in Healthcare -Research Committee
2012- 2013.	<b>Member</b> , Society for Simulation in Healthcare Beverlee Anderson Education Scholarship Fund Committee
2012- 2013.	<b>Member</b> , Society for Simulation in Healthcare -Nominations Committee-
2013, 2014.	<b>Member</b> , International Meeting for Simulation in Healthcare -Scientific Content Committee
2012 – current	<b>Grant reviewer</b> , Society for Simulation in Healthcare
2011- current.	<b>Site Reviewer for Accreditation of Simulation Programs</b> , SSH
2011- 2012.	<b>Member</b> , Society for Simulation in Healthcare- Web Committee
2011- 2012.	<b>Member</b> , Riverland Community College -Advisory Council
2011- 2012.	<b>Member</b> , Society for Simulation in Healthcare -Ad –Hoc communications committee
2010.	<b>Member</b> , International Meeting for Simulation in Healthcare -Nursing Advisory Group
2002- 2003.	<b>Member</b> , AACN -Research and Creative Solutions Committee
2002- 2007.	<b>Member</b> , AACN -Continuing Education Articles Review Panel

### 31. University Service

2017 – 2019	University of Miami Research Council
2017- Current	University of Miami Inter-professional -NPSF / IHI Open School Chapter Faculty Leader
2016 -2018	University of Miami School of Nursing and Health Studies -Undergraduate Curriculum Committee
2016	University of Miami Scholar Interviewer
2016 - Current	University of Miami School of Nursing and Health Studies -Scholarship Committee
2015 - Current	University of Miami School of Nursing and Health Studies -Academic Technology Committee
2015 - Current	Beta Tau, Board Member – Sigma Theta Tau
2015 - Current	University of Miami Inter-professional Education Task Force
2012 - Current	<b>Co-chair</b> UMSONHS -Patient Safety committee
2014	University of Miami - Judge - Undergraduate Research Creativity and Innovation Forum

### 32. Community Activities and Service

2017 – current	Chair of Finance committee; Board of Directors - Youth Engagement and Religious School at Temple Beth Am
2016 - 2017	Board of Directors – Bet Breira Samu EL Or Olom
2012- current	Vice-President, Lychee Grove Home Owners Association
2011-2012	Editor, Village Pines School, Newsletter