

UNIVERSITY OF MIAMI
Curriculum Vitae
Jeffrey Groom, PhD, CRNA, APRN, FSSH

1. **Date:** 1 MARCH 2019

PERSONAL

2. **Name:** Jeffrey Groom, PhD, CRNA, APRN, FSSH

- 3.-10. N/A

HIGHER EDUCATION

11. **Institutional (institution; degree; date conferred):**

| | | |
|----------------------------------|-------|------|
| Nova Southeastern University | PhD | 2005 |
| Nova Southeastern University | Ed.S. | 2003 |
| Connecticut State University | MS | 1993 |
| Florida International University | Cert. | 1989 |
| Florida International University | BSN | 1988 |
| Barry University | MS | 1984 |
| Miami-Dade College | ASN | 1981 |
| University of Missouri-Columbia | BS | 1979 |

12. **Non-Institutional (description; dates):**

13. **Certification, licensure (description; board or agency; dates):**

Certified Registered Nurse Anesthetist (CRNA)
National Board for Certification and Recertification of Nurse Anesthetists
Certified 1994 Recertified 1996 – present

Advanced Registered Nurse Practitioner (ARNP)
Florida Board of Nursing
Specialization – Adult Nurse Practitioner 1989 – present
– Nurse Anesthetist 1994 – present

Registered Nurse (RN)
Florida Board of Nursing

Registered Nurse 1981 – present

Instructor, Basic Cardiac Life Support (BCLS) 1989 – present

Instructor, Advance Cardiac Life Support (ACLS) 1989 – present

Instructor, Pediatric Advanced Life Support (PALS) 1989 – present

American Heart Association

Instructor, Advanced Stroke Life Support (ASLS) 2018 - present

EXPERIENCE

14. Academic (institutions; rank/status; dates):

University of Miami – School of Nursing and Health Studies

Associate Dean – Simulation Programs – 2017 - present

Professor of Clinical – 2017 – present

Interim Director, BSN-DNP Nurse Anesthesia Program Feb 2018-Aug 2018

Florida International University - College of Nursing and Health Sciences

Chair, Department of Nurse Anesthetist Practice – 2006 - 2016

Vice-Chair, Department of Anesthesiology Nursing – 2001-2006

Clinical Professor of Nursing – 2016

Associate Clinical Professor of Nursing – 2001-2015

Barry University - School of Allied Health

Program Director, Graduate Program Anesthesiology – 1999-2001

Assistant Director, Graduate Program Anesthesiology – 1997-1999

Assistant Professor – 1997 – 2001

University of Texas-USAF Nurse Anesthesia Program

US Air Force Wilford Hall Medical Center

Clinical Faculty-Nurse Anesthesia – 1993 - 1997

Miami-Dade Community College - Department of Emergency Medical Services

Clinical Adjunct Faculty (PT) 1981 – 1989

Assistant Professor and Director (FT) 1979 - 1981

15. Non-Academic (employers; title; responsibilities; dates):

jagTEAM Consulting, LLC, Miami, Florida

President and CEO 2001 –

Consulting, education, clinical staffing

Mount Sinai Medical Center - Miami Beach, Florida
Department of Anesthesiology
Certified Registered Nurse Anesthetist 2001 –

US Air Force Wilford Hall Medical Center, Lackland AFB, San Antonio, Texas
Certified Registered Nurse Anesthetist 1993 – 1997
Staff Anesthetist, Captain, USAF, NC

City of Houston Fire Department - Division of Emergency Medical Services
Prehospital EMS Clinical Nurse Specialist 1989 – 1991
Nurse-Paramedic – Prehospital education, supervision, research

City of Miami Fire & Rescue Department, Miami, Florida
Emergency Medical Services – Rescue Training Officer 1981 – 1989
Nurse-Paramedic – EMS education, supervision, research

Air Ambulance Network International, Miami, Florida
Flight Nurse/Flight Medic (PT) 1986 – 1989
Critical Care Air Transport – US and International

Jackson Memorial Hospital, Parkway Regional Hospital
Registered Nurse (PT) 1983-1986
Emergency Care Nurse, Critical Care Nurse

Boone County Fire Protection District, Columbia, Missouri
Firefighter-Paramedic 1977 – 1979
Emergency Medical Services Coordinator

University of Missouri Medical Center Columbia, Missouri
Department of Emergency Medicine 1977 – 1979
EMS Paramedic and Paramedic Instructor

16. Military (branch; rank; responsibilities; dates):

United States Air Force Reserves - McDill Air Force Base, Tampa, Florida
Commissioned Officer – Captain 1997 - 2000
Nurse Anesthetist, USAF Nurse Corps

United States Air Force - Lackland Air Force Base, San Antonio, Texas
Commissioned Officer – Captain 1993 - 1997
Nurse Anesthetist, USAF Nurse Corps

United States Air Force

USAF Nurse Corps Commissioned Officer - 2nd Lieutenant

Health Professions Scholarship Recipient 1990 - 1993

PUBLICATIONS [author(s) (in actual precedence of authorship); title; publisher or journal name; date (current year first); page numbers]

17. Books and monographs published:

Gordon MS, Baker JW, Decker S, Groom JA, Issenberg SB, Jeffries PR, Ober JK, & O'Donnell. Harvey® Nurses Instructor Manual – Basic and Advanced. University of Miami (2009)

Gordon MS, Baker JW, Decker S, Groom JA, Issenberg SB, Jeffries PR, Ober JK, O'Donnell JM, & Samuels K. Harvey® Nurses Learner Manual – Basic and Advanced. University of Miami (2009)

18. Juried or refereed journal articles and exhibitions:

Groom, J.A., Collective Review of Anesthesia Procedures in Simulation: Real Time Gaming Design. *AANA Journal*. 2019 (in review).

Wunder, L.L., Glymph, D.C., Newman, J., Gonzalez, V., Gonzalez, J.E., Groom, J.A. A pilot study to assess the performance of first-year nurse anesthetist students during high fidelity simulation using Objective Structured Clinical Examinations (OSCE): Lessons Learned. *AANA Journal*. 2014;82(6):470-477.

Groom, J.A., Henderson, D., Sittner, B. National League for Nursing - Jeffries Simulation Framework State of the Science of Simulation Design Characteristics. *Clinical Simulation in Nursing*. 2014;10:337-344.

Jeffries P.R., Groom J.A., Settles J., Decker S.I., Dlugasch L., Beach M., O'Donnell J.M., Issenberg S.B. Multi-center Development and Testing of a Cardiovascular Assessment Curriculum Model for Advanced Practice Nurses. *Nursing Education Perspectives*. 2011 Sep- Oct;32(5):316-22.

Nestel D., Groom J.A., Eikeland-Husebo S., O'Donnell J.M. Simulation for learning and teaching procedural skills: the state of the science. *Journal of the Society for Simulation in Healthcare* 2011;Aug;6 Suppl:S10-13.

Decker, S, Jeffries, P., Settles, J., Groom J., Dlugasch, L. Teaching Cardiopulmonary

Assessment Skills Among Advanced Practice Nurses. *Clinical Simulation in Nursing*. 2010;6(3),112-116.

Welliver, M.D., Groom, J.A. & Pabalate, J.T. Faculty Considerations for Teaching and Learning with Video Teleconferencing. *Nurse Educator*. 2008;33(4):149-151.

Wooley, J.G., Redmon, V.W. & Groom, J.A. Lethal Aortic Dissection in a 33 Week Parturient. *AANA Journal* 2006;74(2):38-42.

Kerns, A.S., McDonough, J.P., Groom, J.A., Kalynych, N.M. & Hogan, G.T. Tele-video Conferencing: Is it as effective as "In Person" lectures for nurse anesthesia education? *AANA Journal*. 2006;74(1):19-21.

Groom, J.A. A Paradigm Shift in the Making: Moving from E-learning to e-LEARNING. *Journal of Instruction Delivery Systems*. 2004;17(4):6-10.

Groom JA. Incidence of Sudden Stroke and MI Among Cocaine Abusers. *Emerg Med News*, Dec 19, 1989, 15:24.

Groom, JA. Management of the Asthmatic in the Prehospital Setting. *J Prehosp Care*, 1986;2(1):40-45.

19. Other works, publications and abstracts:

Mato, J.P., Groom, J.A., Gonzalez, J.E., Brown, E. Systematic review of the role of ocular tonometry in the prevention of postoperative visual loss. (Abstract) *AANA Journal*. 2016;86(5):430.

Evans, H.D., Groom, J.A., Brown, E. (2016) Preoperative Relaxation Techniques for Breast Cancer Patients Undergoing Breast-Altering Surgery: A Systematic Review. (Abstract) *AANA Journal*. 2016;86(5):441.

Gonzalez J.E. and Groom J.A. The Effects of an ACLS Simulation-Based Educational Intervention on Performance, Self-Efficacy, and General Knowledge in a Group of First- Year Nurse Anesthesia Students. (Abstract) *Journal of the Society for Simulation in Healthcare* December 2009; 4(4):263.

Jeffries P.R., Groom J.A., Settles J., Decker S.I., Dlugasch L., Beach M., O'Donnell J.M., Issenberg S.B. Multi-center Development and Testing of a Simulation-based Cardiopulmonary Assessment Curriculum for Advanced Practice Nurses. (Abstract) *Journal of the Society for Simulation in Healthcare* December 2009;4(4):265.

Jeffries P.R., Groom J.A., Settles J., Decker S.I., Dlugasch L., Beach M., O'Donnell J.M., Issenberg S.B. Development and Testing of a Cardiovascular Assessment Curriculum Model for Basic to Advanced Practice Nurses. *Proceedings of the National League for Nursing 2009 Annual Education Summit*, Philadelphia, PA.

Gonzalez, J.E., Groom, J.A., Spalding C., Colin, J., & Johnson, P. The Effect of an ACLS Simulation-based Educational Intervention on Perceived ACLS Self-Efficacy in a group of First Year Nurse Anesthesia Students. (Abstract) *AANA Journal* 2009;77(5)383.

Gonzalez, J.E., Groom, J.A., Spalding C., Colin, J., & Johnson, P. The Effect of an ACLS Simulation-based Educational Intervention on Performance and Knowledge in a group of First Year Nurse Anesthesia Students. (Abstract) *AANA Journal* 2009;77(5) 383-384.

Groom, J.A., & Hogan, G.T. Medical Decision Making Under Stress – Evaluating the Role of Medical Simulation in Affective Learning. *Journal of the Society for Simulation in Healthcare*. (Abstract) 2006;1(2):99.

McGrath, S.L., Seyss, D.L. & Groom, J.A. Do junior nurse anesthetist residents benefit from a mentor? (Abstract) *AANA Journal*, 2005; 73(6):464.

Almskog, K., Soto, G.A., & Groom, J.A. Leadership styles among student registered nurse anesthetists and certified registered nurse anesthetists. (Abstract) *AANA Journal*. 2004;72(6):447.

Gibson, W.J., Monaghan, W.P., & Groom, J.A. The effects of acupressure on nausea and vomiting in outpatient undergoing ophthalmic surgeries. (Abstract) *AANA Journal*. 2004,72(6):447.

20. Other works accepted for publication:

Groom J.A. Solving the Simulation Puzzle. (Editorial) *Journal of the Society for Simulation in Healthcare* Fall 2009;4(3):131-134.

Groom, JA. Medical Decision Making Under Stress-Evaluating the Role of Computerized Medical Simulation Education. Doctoral Dissertation. Nova Southeastern University (2005)

Groom JA. Assessment of a Syringe and Bulb Aspiration Device to Differentiate Tracheal from Esophageal Intubation. Master's Thesis. Connecticut State University (1993)

Groom JA. Airway Management and Respiratory Support. Emergency Medical Teaching Programs, School of Medicine, University of Miami, Miami, Florida (1988)

Groom JA. Paramedic Clinical Performance Manual. EMS Division, City of Miami Fire and Rescue, Miami, Florida (1985)

Groom JA, Schrank K. Emergency Medical Services-Procedures and Protocols. EMS Division, City of Miami Fire and Rescue, Miami, Florida (1984)

Groom JA, Gimenez CA, Schrank K. Emergency Medical Priority Dispatch System-EMS Division, City of Miami Fire and Rescue, Miami, Florida (1984)

Groom JA. Supervised Evaluation and Training Program (STEP) Preceptorship Manual. EMS Division, City of Miami Fire and Rescue, Miami, Florida (1983)

Groom JA, Stringer MS. EMT-Paramedic Course Core Objectives and Clinical Competencies. EMS Department, Miami-Dade Community College, Miami, Florida (1979)

Groom JA. Emergency Medical Treatment Guidelines. Boone County Fire District, Columbia, Missouri (1978)

PROFESSIONAL

21. Funded Research Performed (include all grants received in the last five years, identifying the principal investigator and the amounts and dates of the awards):

Eye-Teams: Eye-Tracking Technology as an Adjunct in Team Training in the Operating Room Setting. Technology Fee Grant. Simulation Teaching and Research (STAR) Center, Florida International University, Approved and Funded - \$108K (2016).

Anesthesiology Nursing Faculty Support Grant – Sheridan Healthcare, Inc., Approved and funded - \$65K (2009); \$65K (2010); \$65K (2011); \$390K (2012-15); \$226K (2015-16).

Anesthesiology Nursing Faculty Support Grant – Miami Beach Anesthesiology Associates, Inc., Approved and funded - \$1.05M (2005-10), \$1.25M (2011-15) \$312K (2016)

State of Florida, Legislative Appropriation, Project STAR-BRITE, Funded \$500,000 (2012)

iREACT - Improving Response to Emergencies and Crisis Training with Computerized Checklists. FIU Technology Fee Grant. Approved and Funded \$10,500 (2012).

Nurse Anesthetist Traineeship Grant, Division of Nursing, Department of Health and Human Services, Approved & Funded-\$165K (2005-2010)

Expanding a Culturally Diverse Nurse Anesthetist Workforce Grant, Division of Nursing, Department of Health and Human Services, Co-PI, Approved and Funded - \$1.32 M (2005)

Professional Nurse Traineeship Grant, Division of Nursing, Department of Health and Human Services, Approved & Funded-\$34,500 (1998), \$34,000 (1999) \$43,000 (2000)

Nurse Anesthetist Traineeship Grant, Division of Nursing, Department of Health and Human Services, Approved & Funded-\$33,900 (1998), \$33,000 (1999), \$35,000 (2000)

Faculty Development Scholarship, Division of Nursing, Department of Health and Human Services, Approved & Funded-\$10,000 (1998)

Anesthesiology Networked Education and Training - ANET 2000 Project. Division of Nursing, Department of Health and Human Services, Approved & Funded-\$153,900 (1997)

Emergency Medical Services Physician Fellowship Program, Society of EMS Physicians Approved & Funded - \$100,000 (1989).

Fire Service First Responder Project Grant. Comprehensive Employment and Training Act Program, U.S. Department of Labor. Boone County Fire Protection District. Approved and Funded - \$500,000 (1976-77), Columbia Fire Department. Funded - \$497,000 (1977-78)

22. Editorial responsibilities:

Editorial Board and Reviewer – 2008 - present
Journal of the Society for Simulation in Healthcare

23. Professional and Honorary Organizations (member; officer; date):

National:

American Association of Nurse Anesthetists

American Heart Association
American Nurses Association
International Nursing Association for Clinical Simulation & Learning
Sigma Theta Tau – National Nursing Honor Society
Society for Simulation in Healthcare - (IMSH 2020 Meeting Co-Chair, Research, Education Committees)
SSH Council for Accreditation of Healthcare Simulation Programs– Member and Accreditation Reviewer

State:

Florida Alliance for Simulation in Healthcare (Vice-Chair) 2012 - 2016
Florida Association of Nurse Anesthetists
Florida Nurses Association

24. Honors and Awards:

Fellow, Academy for Simulation in Healthcare, Society for Simulation in Healthcare (2019)
FIU Merit Faculty Award Recipient –
(2002,'03,'04,'05,'06,'07,'08,'09,'10,'11,'12,'13'14'15'16)
Excellence Award – Outstanding Alumni, Nova Southeastern University (2010)
Outstanding Manuscript Reviewer, Journal for Simulation in Healthcare (2008,2009,2010)
Outstanding Alumni Award, College of Nursing, Florida International University (2007)
1st Place-Research in Medical Simulation: Education, Society for Medical Simulation (2006)
Wilford Hall Medical Center - CRNA of the Quarter (1995, 1996)
University of Texas Health Science Center – Adjunct Instructor Award (1995)
City of Houston, Office of the Mayor - Special Commendation (1991)
City of Miami, Office of the Mayor - Special Commendation (1989)
City of Miami, Office of Fire Chief - Honorary Fire Chief (1989)
U.S. House of Representatives, Office of Congressmen William Lehman -Outstanding Public Service Commendation (1988)
UM/Jackson Memorial Medical Center, Nursing Education Faculty Award (1987)
City of Miami, - Outstanding Employee of the Year Candidate (1985, 1986, 1987, 1988)
City of Miami, - Official Commendation (1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989)
Metro-Dade Police Department, - Police Reserve Office of the Quarter (1983)
Miami-Dade Community College, Outstanding EMS Faculty (1981)
Columbia Police Department, Office of the Police Chief – Officer of the Quarter (1979, 1980)

Columbia Fire Department, Office of the Fire Chief – Special Service Award (1979)
Boone County (MO) Fire District, Board of Directors - Special Commendation (1979)

25. Post-Doctoral Fellowships:
NA

26. Other Professional Activities - Presentations

“An Introduction to Healthcare Simulation and Intensive Care”, Miami-Dade Chapter of the American Association of Critical Care Nurses, Miami Teaching Institute – MTI-2019, March, 2019, Miami, FL

“Simulation-based Scholarship” with G. Vladinov. Assembly for Didactic and Clinical Educators, American Association of Nurse Anesthetists, February, 2019, Houston, TX

“Pre-conference course – Simulation-based Research for Healthcare Educators” with W.C. McGaghie & S.B. Issenberg. 19th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2019, San Antonio, TX.

“Advancing Your Career on the Path of Simulation in Healthcare”, “Panel Discussion - Where Are We Going? The Future of Simulation in Education, Research, and Clinical Impact”, “Development of a Scholarly Question / Project / Research”, and “Assessment Anxiety: The Cause and the Cure – Assessment in Simulation” 16th Annual Safar Symposium at the University of Pittsburgh and the WISER Institute for Simulation, Education, and Research. June 2018, Pittsburgh, PA.

“iSIM – Improving Simulation Instructional Methods” Course. Jointly sponsored by the WISER Center for Medical Simulation – University of Pittsburgh and the Gordon Center for Research in Medical Education – University of Miami, Miami, FL (2018)

“Expanding Your Simulation Operations: From SIM Lab to SIM Hospital – Lessons Learned Along the Way.” with S. Barroso-Fernandez. 18th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2018, Los Angeles, CA.

“Post-Graduate Course – Simulation Research: Where do I start?” with W. McGaghie, S.B. Issenberg, V. Sidall. 18th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January,

2018, Los Angeles, CA.

“Post-Graduate Course – Simulation Research for Healthcare Educators” with W. McGaghie, S.B. Issenberg, V. Sidall. 17th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2017, Orlando., FL.

“Practical Research Skills for Simulation Educators”. Association of American Medical Colleges (AAMC) Medical Education Research Certificate, with W. McGaghie, S.B. Issenberg, R. Scalese. University of Miami Gordon Center for Research in Medical Education. Miami, FL (2016)

“Post-Graduate Course – Simulation Research for Healthcare Educators” with W. McGaghie, V. Sidall. 16th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2016, San Diego, CA.

“Selecting Mastery Learning Targets in a Curriculum- Making Strategic Decisions Based on Goals and Resources”, with Diane Wayne, Jeffrey Barsuk, John O’Donnell. 15th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2016, San Diego, CA.

“Connecting Educational Standards to Learning Outcomes Through Simulation-based Assessment Using Threshold Checklists and OSCE Testing” with John O’Donnell and Joseph Goode Jr. 15th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2016, San Diego, CA.

“Patient Safety – Why Isn’t It Working?” and “SAFEmeds© Protocol”. KeyNote Address, 2015 Annual Meeting Florida Association of Nurse Anesthetist. October 2015, Tampa, FL.

“iSIM – Improving Simulation Instructional Methods”, Florida Simulation Healthcare Alliance, March, 2015, Pensacola, FL

“Post-Graduate Course – Simulation Research for Healthcare Educators” with W. McGaghie, V. Sidall. 15th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2015, New Orleans, LA.

“Selecting Mastery Learning Targets in a Curriculum- Making Strategic Decisions Based on Goals and Resources”, with Diane Wayne, Jeffrey Barsuk, John

O'Donnell. 15th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2015, New Orleans, LA.

“Connecting Educational Standards to Learning Outcomes Through Simulation-based Assessment Using Threshold Checklists and OSCE Testing” with John O'Donnell and Joseph Goode Jr. 15th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2015, New Orleans, LA.

“SIM 360 - Learner Assigned Roles as Designer to Clinician to Assessor to Debrief” with Suzie Kardong-Edgren. South Regional Educational Conference, Florida Healthcare Simulation Alliance, March, 2014, Miami, FL.

“Connecting Accreditation Standards to Learning Outcomes Through Simulation-based Assessment Using Threshold Checklists and OSCE Testing” with John O'Donnell and Joseph Goode Jr. 14th Annual International Meeting on Medical Simulation in Healthcare, January, 2014, San Francisco, CA.

“SIM 360 - Multi-modal Perspective for Simulation-based Learning from Learner Assigned Roles as Designer to Clinician to Assessor to Debrief” with John O'Donnell. 14th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2014, San Francisco, CA.

“Selecting Mastery Learning Targets in a Curriculum- Making Strategic Decisions Based on Goals and Resources”, with Diane Wayne, Jeffrey Barsuk, John O'Donnell. 14th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2014, San Francisco, CA.

“Post-Graduate Course – Simulation Research for Healthcare Educators” with W. McGaghie, V. Sidall. 14th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2014, San Francisco, CA.

“Multi-center Collaborations in Research: Overcoming Obstacles and Barriers”, “Research Writers Workshop”, Kardong-Edgren, S., Groom, J.A., Pillai, S.; “Top 10 articles in Simulation-based Research”. Groom, J.A., Jeffries, P.A., Chung, H.S. 2nd Annual Asia- Pacific Meeting on Simulation in Healthcare (APMSH), Co-Sponsored by The Society for

Simulation in Healthcare and Shanghai Jiao Tong University School of Medicine, October 24-27, 2013, Shanghai, China.

“Simulation-based Education in Nursing in the United States”, Groom, J.A., Zhang, B. Presented at the Yancheng Institute of Health Sciences, October 2013, Yancheng, Jiangsu Province, China.

“Nurse Anesthetist and Advanced Practice Nursing in the United States”, Groom, J.A., Zhang, B. Presented at Xuzhou Medical College, October 2013, Xuzhou, Jiangsu Province, China.

“Keynote: Review of the Simulation Literature for 2012”. 6th Annual WISER Nursing Symposium, University of Pittsburgh, June 6-7, 2013, Pittsburgh, PA.

“Simulation Learner to Simulation Leader - Workshop”. Groom, J.A., and Kardong-Edgren, S. 6th Annual WISER Nursing Symposium, University of Pittsburgh, June 6-7, 2013, Pittsburgh, PA.

“iSIM – Improving Simulation Instructional Methods” Laerdal Simulation Users Network Meeting, April, 2013, Indianapolis, IN

“SIM 360 - Multi-modal Perspective for Simulation-based Learning from Learner Assigned Roles as Designer to Clinician to Assessor to Debriefing” with John O’Donnell. 13th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2013, Orlando, FL.

“Mastery Learning in Simulation using a model for Fiberoptic Intubation Education”, with John O’Donnell. 13th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2013, Orlando, FL.

“Post-Graduate Course – Simulation Research for Healthcare Educators” with W. McGaghie, V. Sidall. 13th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, January, 2013, Orlando, FL.

“NLN-JSF Simulation Framework Study – Simulation Design Characteristics.” Groom, J.A., Henderson, D., Sittner, B.J. 11th Annual International Nursing Association for Clinical Simulation and Learning INACSL Conference, June 20 – 24, 2012. San Antonio, TX.

“Future Directions in Simulation Research”. 3rd Annual Quest for Excellence Nursing Simulation Conference, Maryland Community College Simulation Users Network (MCCSUN). June 5 – 6, 2012, Hagerstown, MD.

“Keynote: TOP 10 Review of the Simulation Literature for 2011”. 5th Annual WISER Nursing Symposium, University of Pittsburgh, May 24-25, 2012, Pittsburgh, PA.

“Simulation Center Collaborations between Hospitals and Academic Centers”. Groom, J.A., Mancini, M.E., Kardong-Edgren, S. 5th Annual WISER Nursing Symposium, University of Pittsburgh, May 24-25, 2012, Pittsburgh, PA.

“iSIM – Improving Simulation Instructional Methods – Assessment and Debriefing in Simulation-based Education” Gordon Center for Research in Medical Education – University of Miami, April, 2012, Miami, FL

Improving Validity and Reliability in Simulation-based Educational Assessment and Evaluation. Assembly of Nurse Anesthetist Educational Program Faculty – American Association of Nurse Anesthetists, February 23 – 25, 2012, San Diego, CA.

“Simulation-Based Athletic Training Education: Beyond the smoke and mirrors.” With Doherty-Restrepo, J., Odai, M. 4th Biennial SEATA Athletic Training Educators' Conference, February 2 – 3, 2012, Atlanta, GA.

“Mastery Learning in Simulation-based Education”. 12th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, San Diego, CA (2012)

“Post-Graduate Course – Simulation Research for Healthcare Educators” and “Simulation Research Workshop” with W. McGaghie. 12th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, San Diego, CA (2012)

Key Note Address - “Simulation-based Education Research Past and Future”, and “Debriefing for Simulation-based Education” School of Nursing Simulation Symposium. University of Pittsburgh, Pittsburgh, PA (2011)

“iSIM – Improving Simulation Instructional Methods” Course. Jointly sponsored by the WISER Center for Medical Simulation – University of Pittsburgh and the Gordon Center for Research in Medical Education – University of Miami, Miami, FL (2011)

“Simulation for Clinical Skills and Procedures” Co-Panel Chair and Presenter, State of the Science Research Summit, 11th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, New Orleans, LA (2011)

“Mastery Learning in Simulation – Expert Panel Session and “Meet the Experts – International Simulation Panel”. 11th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, New Orleans, LA (2011)

“Post-Graduate Course – Simulation Research for Healthcare Educators” and “Simulation Research Workshop” with W. McGaghie and V. Sidall. 11th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, New Orleans, LA (2011)

Key Note Address - “Top 10 Simulation Research Articles of 2010”, and “Designing Simulations for Medical Teams” 4th Annual WISER Nursing Simulation Symposium. University of Pittsburgh, Pittsburgh, PA (2010)

“iSIM – Improving Simulation Instructional Methods” Course. Jointly sponsored by the WISER Center for Medical Simulation – University of Pittsburgh and the Gordon Center for Research in Medical Education – University of Miami, Miami, FL (5 courses in 2010)

“Teaching the Teacher: Roles and Goals for Simulation Educators” and “Research and Publication in Simulation: Opportunities for Scholarship in Simulation”. Assembly of Nurse Anesthesia Faculty, San Antonio, TX (2010)

“Development and Testing of a Cardiovascular Assessment Curriculum Model for Advanced Practice Nurses”. 10th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, Phoenix, AZ (2010)

“Post-Graduate Course – Simulation Research for Healthcare Education” and “Simulation Research Workshop” with W. McGaghie. 10th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, Phoenix, AZ (2010)

Key Note Address - “Top 10 Simulation Research Articles of 2009”, 3rd Annual WISER Nursing Simulation Symposium. University of Pittsburgh, Pittsburgh, PA (2009)

“Development and Testing of a Cardiovascular Assessment Curriculum Model for

Basic to Advanced Practice Nurses”. National League for Nursing 2009 Annual Education Summit, Philadelphia, PA (2009)

“A Study to Assess the Effect of an Advanced Cardiac Life Support Simulation-Based Educational Intervention on Performance and Knowledge in a Group of First Year Nurse Anesthesia Students”. Annual Meeting of the American Association of Nurse Anesthetists, San Diego, CA (2009)

“The Effect of an Advanced Cardiac Life Support Simulation-Based Educational Intervention on Perceived ACLS Self-Efficacy in a Group of First-Year Nurse Anesthesia Students”. Annual Meeting of the American Association of Nurse Anesthetists, San Diego, CA (2009)

"Utility of Crisis Resource Management Simulation - Improving Confidence and Performance" and "Integrating a Team Training Program throughout the Didactic, Simulation, and Clinical Curriculum". Global Best Practices in Simulation 2009 Conference, Toronto, Canada (2009)

“Simulation Instructor Development Course”. Joint offering of WISER Center for Medical Simulation – University of Pittsburgh and the Gordon Center for Research in Medical Education – University of Miami, Miami, FL (2009)

“Practical Research Skills for Simulation Educators”. Association of American Medical Colleges (AAMC) Medical Education Research Certificate (MERC) Program. University of Miami Gordon Center for Research in Medical Education. Miami, FL (2009)

“Translating Simulation Learning into Clinical Excellence” and “Improving Medical Decision Making Under Stress - A Role for Patient Simulation Education”. Faculty Development Workshop, American Association of Nurse Anesthetists, Orlando, FL (2009)

“Post-Graduate Course – Simulation Research for Healthcare Education” and “Simulation Research Workshop” with W. McGaghie and V. Sidall. 9th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, Orlando, FL (2009)

“Simulation Instructor Development Course”. Jointly sponsored by the WISER Center for Medical Simulation – University of Pittsburgh and the Gordon Center for Research in Medical Education – University of Miami, Pittsburgh, PA (2008)

“Top 10 Simulation Articles of 2008” and “New Technologies and Manikins for

Patient Simulation Education”, 2nd Annual WISER Nursing Simulation Symposium. University of Pittsburgh, Pittsburgh, PA (2008)

“Post-Graduate Course – Conducting High Quality Simulation Research” and “Simulation Research Workshop” with W. McGaghie and V. Sidall., 8th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, San Diego, CA (2008)

“Utilizing Simulation to Impact Medical Decision Making in the Field”, ClinCon 2007 Clinical Conference on Prehospital Emergency Care, Emergency Medicine Learning & Resource Center, Orlando, FL (2007)

“Integrating Simulation Instruction into the Curriculum”, Simulation Users Group, Laerdal Medical Corporation, Key West, FL (2007)

“Advancing Nursing Research through Patient Simulation”, 7th Annual International Meeting on Medical Simulation in Healthcare, Society for Simulation in Healthcare, Orlando, FL (2007)

“Teaching with Patient Simulation Workshops”, Florida Keys Community College, Key West, FL (2006)

“Teaching with Technology – Distance Education and Multimedia for the Classroom”, Grow Our Own Nursing Faculty Project, Miami Dade College, Broward Community College, Florida International University, Miami, FL (2006)

“Teaching with Patient Simulation Workshops”, Grow Our Own Nursing Faculty Project, Miami Dade College, Broward Community College, Florida International University, Miami, FL (2006)

“Medical Decision Making Under Stress – Evaluating the Role of Medical Simulation in Affective Learning”, 6th Annual Meeting on Medical Simulation, Society for Medical Simulation, San Diego, CA (2006)

“Anesthesia Simulation and Crisis Resource Management for Anesthesia”, Florida Association of Nurse Anesthetists, 2004 Meeting, Fort Myers, FL (2004)

“Emerging Role of Anesthesia Simulation” and “Crisis Resource Management for Anesthesia”, District of Columbia Association of Nurse Anesthetists, 2004 Meeting, Washington, D.C. (2004)

“Rethinking the Management of Hemorrhagic Shock”, Florida Association of

Nurse Anesthetists, 2001 Fall Meeting, Palm Beach, Florida (2001)

“Managing the Difficult Airway - A Multimedia Review” - “Rethinking the Management of Hemorrhagic Shock” Premier Anesthesia Seminars, Orlando, FL (2000)

“On-Demand Learning - Facilitating Didactic Instruction for Clinical Training via the Internet” SYLLABUS-99 Regional Conferences, Boston, MA (1999)

“Rethinking the Management of Hemorrhagic Shock” “The Information Superhighway - Medical Informatics”, Premier Anesthesia Seminars, Boca Raton, FL (1999)

“Technology Integration in Clinical Education-The High Tech Classroom: Laptops and Networking for Each Student” Medical, Nursing and Health Faculty Education Symposium 98, Nova Southeastern University, Ft. Lauderdale, FL (1998)

“Conscious Sedation”. Annual Ambulatory Surgery Symposium, School of Nursing. University of Texas Health Science Center, San Antonio, Texas (1996)

“Respiratory Physiology & Pathophysiology”, “Basic Principles of Anesthesia” and “Professional Issues”. Nurse Anesthesia Board Review Course for Military Services Nurse Anesthesia Programs, San Antonio, Texas (1996)

“Regional Anesthesia Workshop-Spinal, Epidural, Brachial Plexus Blocks”. Practice Session Teaching Staff, Annual Spring Nurse Anesthesia Educational Program, Dannemiller Memorial Educational Foundation, San Antonio, Texas (1996)

"Recognition and Management of Malignant Hyperthermia" Texas Operating Room Nurses Association, San Antonio, Texas (1996)

"Airway Management & Trauma Care for DDM/DDS Field Readiness" Departments of Anesthesiology, Clinical Investigations Wilford Hall Medical Center, San Antonio, Texas (1995)

“Fiberoptic Intubation and Airway Adjuncts” Practice Session Teaching Staff, Annual Spring Nurse Anesthesia Educational Program, Dannemiller Memorial Educational Foundation, San Antonio, Texas (1996)

"Development and Implementation of a Permanent Advanced Life Support Education Laboratory - The University of Miami Experience". Emergency

Cardiac Care Conference, Seattle, Washington (1993)

"Total Intravenous Anesthesia - Applications Using a Computer Anesthesia Simulator". Connecticut State University-Nurse Anesthetist Conference, Hartford, Connecticut (1993)

"Advanced Airway Management and Use of Neuromuscular Blocking Agents in the Prehospital Setting", and "Termination of Unsuccessful Resuscitation in the Field". Annual EMS Instructor Conference, University of Miami School of Medicine, Miami, Florida (1993)

"Changing Perspectives in the Management of Hemorrhagic Shock" 10th Annual EMS Conference, Hartford, Connecticut (1993)

"Fresh Thinking in Trauma - A New Outlook on Hemorrhagic Shock", Ninth Annual EMS Today Conference and Exposition, Long Beach, California (1991)

"Advances and Trends in Cardiac Resuscitation" Graduate Conference in Emergency Nursing, University of Texas, Health Science Center, Houston, Texas (1991)

"Emergency Cardiac Pacing" Educational Seminar, Emergency Nurses Association, Houston, Texas (1991)

"Bridging the Gap: EMS to ER - Implications for Intraprofessional Collaboration" 14th Annual Hermann Life Flight Emergency Care Symposium, University of Texas, Houston, Texas (1991)

"Prehospital Management of Hemorrhagic Shock - A Reappraisal" Annual Conference of EMS Instructors, University of Miami School of Medicine, Miami, Florida (1990)

"Resuscitation Research and Future Directions of ACLS" Graduate Conference in Emergency Nursing, University of Texas, Health Science Center, Houston, Texas (1990)

"Cocaine Induced Neurologic Emergencies", Emergency Management of Cocaine Toxicology Conference, Baylor College of Medicine & Harris County Hospital District, Houston, Texas (1989)

"Officer Survival and Emergency Care", ATF Federal Law Enforcement Regional Training Academy, Division of Alcohol, Tobacco, and Firearms (ATF), Department of the Treasury, Houston, Texas (1989)

"Current Research in Resuscitation and ACLS", Educational Conference, Houston

Chapter, Emergency Nurses Association, Houston, Texas (1989)

"ABC's of Resuscitation", 13th Annual Educational Conference, South Florida Fire Safety Association, Hollywood, Florida (1987)

"Critical Incidents-Impact on Providers and Survivors", Annual Emergency Nursing Conference, Dade/Broward Chapter, Emergency Nurses Association, Miami, Florida (1985)

"Prehospital Trauma Care", AORN Education Conference, South Florida Council, American Association of Operating Room Nurses, Ft. Lauderdale, Florida (1984)

"Initial Prehospital Trauma Management", Annual Clinical Conference, Department of Surgery, School of Medicine, University of Miami, Miami, Florida (1982)

"Emergency Cardiac Care-Update" 46th Annual Missouri State Fire School, University of Missouri, Columbia, Missouri (1978)

TEACHING

27. Teaching Awards Received:

UM 2018 – NA

28. Teaching Specialization (Note briefly courses taught, new courses developed, innovative or experimental teaching etc.)

Spring 2018 –

NUR 611 Foundations of Anesthesia Science & Technology for Nurse Anesthetists – Simulation Sessions

Summer 2018 –

NUR 614 Basic Concepts of Anesthesia Nursing – Simulation Sessions

Fall 2018 –

NUR 619 Advanced Concepts of Anesthesia Nursing I – Simulation Sessions

NUR 689 New Methods of Implementation - Practice Immersion Experience III

Spring 2019

NUR 611 Foundations of Anesthesia Science & Technology for Nurse Anesthetists – Didactic and Simulation Sessions

- 29. Thesis and Dissertation** Advising/Post-doctoral student supervision (chairman or committee member; topic; student name; date):

UM 2018 – NA

SERVICE

- 30. University Committee and Administrative Responsibilities:**

NextGen Medical Education Task Force 2017 – present
University of Miami - Miller School of Medicine

Member, Magicverse A-Team
UM – Magic Leap Partnership Alliance

Associate Dean, Simulation Programs 2017 – present
Director, International Academy for Clinical Simulation and Research
School of Nursing and Health Studies

- 31. Community Activities:**

Advisor, Emergency Medical Services
Broward Sheriff's Office
Fire Rescue Division

Director at Large, Eastern Marine Condominium Association