

**IVETTE MOTOLA, MD, MPH, FACEP, FSSH, FAHA
UNIVERSITY OF MIAMI MILLER SCHOOL OF MEDICINE
CURRICULUM VITAE**

1. DATE: August 2, 2026

I. PERSONAL

2. NAME: Ivette Motola

3. MOBILE PHONE: (305) 331-9889

4. OFFICE PHONE: (305) 243-6491

5. OFFICE ADDRESS: Clinical Research Building, 1st Floor
1120 N.W. 14th Street
Miami, FL 33136

6. CURRENT ACADEMIC RANK: Professor of Surgery

6a. CURRENT TRACK OF APPOINTMENT: Clinical Educator Track

7. PRIMARY DEPARTMENT: Surgery, Division of Emergency Medicine

8. SECONDARY APPOINTMENT: Professor of Medical Education
Department of Medical Education

9. CITIZENSHIP: U.S.A.

10. VISA TYPE: None (U.S. Citizen)

II. HIGHER EDUCATION

11. Institutional:

7/2004-6/2005 M.P.H., Health Policy & Management
Harvard School of Public Health
Boston, MA

7/2004-6/2005 Fellowship in Leadership, Health Policy and Health Disparities
The Commonwealth Fund Fellowship in Health Policy Leadership at Harvard
University
Boston, MA

Practicum: “An Innovative Approach to Bridging the Language Chasm: Remote Simultaneous Medical Interpretation as a useful adjunct to providing linguistic service to patients with LEP.”

7/2000-6/2004

Internship and Residency

Harvard Affiliated Emergency Medicine Residency in Emergency Medicine
Massachusetts General Hospital/Brigham & Women's Hospital
Boston, MA

- Clinical Chief Resident 2003-2004
- Maryanne Povinelli, MD Humanism Award 2003

8/1996-5/2000

M.D. with Distinction

University of Rochester School of Medicine
Rochester, NY

- Alpha Omega Alpha, 2000
- Medical Student Excellence in Emergency Medicine Award, 2000
- Dean's Letter of Commendation for Outstanding Academic Performance ,1996-1997, 1997-1998
- National Institutes of Health Summer Research Fellowship, Laboratory of Immunoregulation, NIH NIAID, 1997

9/1991-5/1995

B.A., Astronomy/Astrophysics; Pre-medicine focus

Columbia College, Columbia University
New York, NY

- Dean's List, 1993-1995
- Columbia Summer Undergraduate Research Fellowship – Molecular Genetics, 1992
- Alfred Ogden Scholarship, 1992-1995
- Silver Knight Award and Scholarship (Honorable Mention in Mathematics), 1991
- Tylenol Scholarship, 1991
- Two/Ten Foundation Scholarship, 1991-1995

2/1994-6/1994

Study Abroad Program (Semester), Marine Biology/Physics

James Cook University
Townsville, Australia

12. Non-Institutional:

None

13. Certification, licensure:

- Diplomate, American Board of Emergency Medicine
Recertification 2: 2026-2035, Recertification 1: 2016-2025, Initial Certification: 2005-2015
- Florida State Medical License (Unrestricted)

Current through 2027, Original Licensure 2005

- Massachusetts State Medical License
Inactive Status as of 2007, Original Licensure 2000
- Emergency Medical Technician
Florida (EMT78835) 1995-1996
New York State 1992-1995

13a. Leadership/Professional Development Courses:

- UM Artificial Intelligence in Medical Education (2025)
- UM Artificial Intelligence-Assisted Research Skills Workshop Series (2025)
- Crucial Conversations for Mastering Dialogue (2024)
- UMMSM/UHealth Leadership Education and Academic Development (LEAD) Program (2023)
- Harvard Center for Medical Simulation: Simulation Instructor Training - Advanced Instructor Course (2022)
- Cornell University: Strategic Healthcare Leadership (2020)
- Northwestern School of Medicine: Designing and Implementing Simulation-Based Mastery Learning Curricula (2016)
- AAMC Women's Mid-Career Women Faculty Leadership Development Program (2014)
- AAMC Medical Education Research Certificate (2009)
- Harvard Center for Medical Simulation: Comprehensive Simulation Instructor Course (2007)

13b. Course Certifications:

- AHA Advanced Cardiac Life Support Instructor
- AHA Pediatric Advanced Life Support Instructor
- AHA Basic Life Support Instructor
- AHA Advanced Stroke Life Support Instructor
- ACS Advanced Trauma Life Support Instructor
- NDLS Advanced Disaster Life Support Instructor
- NDLS Basic Disaster Life Support Instructor
- Harvard CMS Healthcare Simulation Essentials: Design and Debriefing Instructor
- Improving Simulation Instructional Methods Instructor
- UM Airway Management: Principles and Practice Instructor
- UM Acute Coronary Syndromes Instructor
- UM Acute Critical Events Simulation for Health Systems Instructor
- UM Feedback and Debriefing Essentials for Health Professions Educators Instructor
- UM Rapid Response Team Training Instructor
- UM Rapid Sequence Intubation Course Instructor
- UM Tactical and Medical Response to Active Shooter Hostile Events Course Instructor
- NAEMT Prehospital Trauma Life Support Instructor
- NAEMT Advanced Medical Life Support Instructor

III. EXPERIENCE

14. Academic Appointments:

2024-Present	Professor of Surgery Division of Emergency Medicine University of Miami Miller School of Medicine Miami, FL
2024-Present	Professor of Medical Education (Secondary Appointment) Department of Medical Education University of Miami Miller School of Medicine Miami, FL
2022-Present	Adjunct Faculty Center for Medical Simulation Harvard Medical School
2019-2024	Associate Professor of Surgery Division of Emergency Medicine (Note: Division was moved from the Department of Medicine to the Department of Surgery in 2019) University of Miami Miller School of Medicine Miami, FL
2016-2018	Director of Simulation Education University of Miami-Jackson Memorial Hospital Emergency Medicine Residency Miami, FL
2015-Present	Core Faculty in Emergency Medicine University of Miami-Jackson Memorial Hospital Emergency Medicine Residency Miami, FL
2014-2019	Associate Professor of Medicine Division of Emergency Medicine (Note: Division was moved from the Department of Medicine to the Department of Surgery in 2019) University of Miami Miller School of Medicine Miami, FL
2007-2014	Assistant Professor of Medicine Division of Emergency Medicine University of Miami Miller School of Medicine Miami, FL

2005-2007	Director of Emergency Medicine Resident Education Core Faculty in Emergency Medicine Jackson Memorial Hospital Emergency Care Center Miami, FL
2004-2005	Instructor in Medicine Division of Emergency Medicine Harvard Medical School Boston, MA
2004-2005	Core Faculty in Emergency Medicine Harvard Affiliated Emergency Medicine Residency Massachusetts General Hospital Boston, MA
2004-2005	Research Fellow in Social Medicine Harvard Medical School Boston, MA
2002	Summer Research Fellow Wylie Laboratories National Aeronautics and Space Administration (NASA) Space and Life Sciences Directorate Lyndon B. Johnson Space Center Conducted Research and Wrote White Paper on Blood Substitutes in Microgravity Environments Houston, TX
1997	Summer Research Fellow National Institute of Allergy and Infectious Diseases Laboratory of Anthony Fauci, MD / Mario Ostrowski, MD National Institutes of Health Bethesda, MD
1995-1996	Research Assistant Department of Physiology and Biophysics Laboratory of Nirupa Chaudhari, PhD University of Miami School of Medicine Miami, FL
1994	Summer Undergraduate Research Fellow Department of Biology, Molecular Genetics Laboratory of Stephen Mount, PhD Columbia University

New York, NY

15. Hospital/Clinical Appointments:

2007-Present
Attending Physician
University of Miami Hospital and Clinics
University of Miami Medical Group
University of Miami Health System
Miami, FL

2005-Present
Attending Physician
Jackson Memorial Hospital
Emergency Care Center
Miami, FL

2004-2005
Attending Physician
Massachusetts General Hospital
Department of Emergency Medicine

15a. Residency Appointments:

2003-2004
Clinical Chief Resident
Harvard Affiliated Emergency Medicine Residency Program
Massachusetts General Hospital/Brigham & Women's
Hospital
Boston, MA

2003-2004
Resident Liaison for International Emergency Medicine
Harvard Affiliated Emergency Medicine Residency Program
Massachusetts General Hospital/Brigham & Women's
Hospital
Boston, MA

2003-2004
Resident Liaison for Resident Wellness
Harvard Affiliated Emergency Medicine Residency Program
Massachusetts General Hospital/Brigham & Women's
Hospital
Boston, MA

2002-2004
Resident Representative
Education Committee, Graduate Medical Education
Brigham & Women's Hospital
Boston, MA

16. Administrative, Non-Academic Appointments and Leadership Roles:

2016-Present	Associate Director Michael S. Gordon Center for Simulation and Innovation in Medical Education (Previous to 2020: Michael S. Gordon Center for Research in Medical Education) University of Miami Miller School of Medicine Miami, FL
2007-Present	Director, Division of Prehospital and Emergency Training (Previous to 2020: Division of Prehospital and Emergency Healthcare) Michael S. Gordon Center for Simulation and Innovation in Medical Education University of Miami Miller School of Medicine Miami, FL
2025-Present	Medical Director National Disaster Life Support Training Center Gordon Center for Simulation and Innovation in Medical Education University of Miami Miller School of Medicine
2017-2026	Medical Director Accredited Training Center American Nurses Credentialing Center Initial Accreditation: 2/2016-3/2018 Reaccredited: 11/2021-3/2026, 11/2017-3/2022
2014-Present	Training Site Medical Director for Simulation Education and Consultant, Simulation Program Development White House Medical Unit
2012-2015	Emergency Medical Review Committee Bureau of Emergency Medical Services Florida Department of Health Appointed by State Surgeon General
2012-2015	Medical Director National Registry for Emergency Medical Technicians Advanced Level Psychomotor Skills Testing Site
2011-2019	Physician Disaster Medical Assistance Team (DMAT), FL-5 National Disaster Medical System

2008-Present
Medical Director, University of Miami Automatic External
Defibrillator Program
University of Miami
Miami, FL

2007-Present
Medical Director
American Heart Association Training Center
Gordon Center for Simulation and Innovation in Medical
Education
University of Miami Miller School of Medicine

2007-Present
Medical Director
Accredited Training Center
Commission on Accreditation for Prehospital Continuing
Education
Gordon Center for Simulation and Innovation in Medical
Education
University of Miami Miller School of Medicine
Reaccredited: 2026, 2023, 2020, 2017, 2014, 2011, 2008

2007-Present
Medical Director
Approved Continuing Education Training Center
Florida Board of Nursing
Gordon Center for Simulation and Innovation in Medical
Education
University of Miami Miller School of Medicine

2007-Present
Medical Director
Approved Continuing Education Training Center
Florida Department of Health, Bureau of EMS
Gordon Center for Simulation and Innovation in Medical
Education
University of Miami Miller School of Medicine

17. **Military Service:** None

IV. PUBLICATIONS

18. Books and Monographs published:

1. Motola I, Mancheno K, Panakos P. *Ectopic Pregnancy*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult, 7th edition*. LWW/Wolters Kluwer Health, Philadelphia, PA. July 29, 2026. ISBN-13/ISSN: 9781975244408.

2. Varshney J, Panakos P, Motola I. *Early Pregnancy Loss*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult, 7th edition*. July 29, 2026. ISBN-13/ISSN: 9781975244408.
3. Panakos P, Mallenahalli S, Motola I. *Pregnancy, Uncomplicated*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult, 7th edition*. LWW/Wolters Kluwer Health, Philadelphia, PA. July 29, 2026. ISBN-13/ISSN: 9781975244408.
4. Panakos P, Fuller SN, Motola I. *Delivery, Uncomplicated*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult, 7th edition*. LWW/Wolters Kluwer Health, Philadelphia, PA. July 29, 2026. ISBN-13/ISSN: 9781975244408.
5. Motola I, Barbar S, Brotons AA, Misra A, Issenberg SB. *Rapid Sequence Intubation for EMS. Manual 4th Edition*. University of Miami Press, Miami, FL. June 2026.
6. Motola I, Ashcraft S, Barbar SM, Brotons A, Hill M, Issenberg SB, Jauch EC, Marulanda-Londono E, Medina ML, Misra A, Nystrom, K, Panagos PD, Peterson G, Ranasinghe T, Walsh B, Clutch Content Partners, RKD Studios, Waisman D and the AHA International Essential Stroke Life Support® Project Team. *Essential Stroke Life Support® (ESLS) International Version English Provider Manual eBook*. American Heart Association Press, Dallas, TX. Digital June 2025. ISBN 13: 978-1-68472-287-7
7. Brotons AA, Torres V, Issenberg SB, Gonzalez M, Meisozo J, Misra A, Motola I eds. *Tactical and Medical Response to Active Shooter Hostile Events Instructor Manual*. University of Miami Press, Miami, FL. June 2025.
8. Brotons AA, Torres V, Issenberg SB, Gonzalez M, Meisozo J, Misra A, Motola I eds. *Tactical and Medical Response to Active Shooter Hostile Events Provider Manual*. University of Miami Press, Miami, FL. June 2025.
9. Motola I, Ashcraft S, Barbar SM, Brotons A, Hill M, Issenberg SB, Jauch EC, Marulanda-Londono E, Medina ML, Misra A, Nystrom, K, Panagos PD, Peterson G, Ranasinghe T, Walsh B, Clutch Content Partners, RKD Studios, Waisman D and the AHA Essential Stroke Life Support® Project Team. *Essential Stroke Life Support® (ESLS) Provider Manual eBook*. American Heart Association Press, Dallas, TX. Digital February 2025. ISBN: 978-1-68472-285-3
10. Motola I, Ashcraft S, Barbar SM, Brotons A, Hill M, Issenberg SB, Jauch EC, Marulanda-Londono E, Medina ML, Misra A, Nystrom, K, Panagos PD, Peterson G, Ranasinghe T, Walsh B, Clutch Content Partners, RKD Studios, Waisman D and the AHA Essential Stroke Life Support® Project Team. *Essential Stroke Life Support® Reference Guide*. American Heart Association Press, Dallas, TX. Digital and Print February 2025. ISBN: 978-1-68472-283-9
11. Scalese R, Motola I, Groom J, Issenberg SB, eds. *Improving Simulation Instructional Methods Provider Manual, 6th edition*. University of Miami Press, Miami, FL. March 2025.
12. Motola I, Bialeck SN, Misra A, Mosetti E, Hart V, Brotons AA, Lewiss RE. *Emergency Medical Services Point of Care Ultrasound Provider Manual*. University of Miami Press, Miami, FL. June 2024.
13. Motola I, Anzardo E, Ashcraft S, Brotons A, Hill M, Carter S, Groom J, Guillette D, Groom J, Guillette D, Hernandez A, Hill M, Hinkson C, Holmstedt CA, Issenberg SB, James D, Jauch EC, Johnson S, Khan J, Riera Lopez N, Madsen T, Martell S, Marulanda-Londono E, Nystrom, K, Panagos PD, Ranasinghe T, Reynolds PS, Rodriguez-Perez RD, Sanders L, Scalese RJ, Silvers S, Sullivan JE, Tober R, Torres G, Wira C, Clutch Content Partners, RKD Studios, Waisman D, and the

AHA ASLS® Project Team. *Advanced Stroke Life Support® Blended Learning Provider Manual*. American Heart Association Press, Dallas, TX. Digital v. 2.0 – February 2024. Including updates based on 2023 SAH and ICH Guidelines.

14. Motola J, Anzardo E, Ashcraft S, Brotons A, Gonzalez M, Hinkson C, Holmstedt CA, Issenberg SB, James D, Jauch EC, Johnson S, Madsen T, Misra A, Nystrom, K, Panagos PD, Ranasinghe T, Rodriguez-Perez RD, Stark S, Torres G, Wira C, and the AHA ASLS Project Team. *Advanced Stroke Life Support® Blended Learning Instructor Manual*. American Heart Association Press, Dallas, TX. Digital 2024. Print v.2.0 – February 2024. Digital: ISBN : 978-1-68472-132-0, Print: ISBN: 978-1-68472-193-1.
15. Motola J, Anzardo E, Ashcraft S, Brotons A, Gonzalez M, Hill M, Hinkson C, Holmstedt CA, Issenberg SB, James D, Jauch EC, Johnson S, Madsen T, Misra A, Panagos PD, Ranasinghe T, Rodriguez-Perez RD, Stark S, Torres G, Wira C, and the AHA ASLS Project Team. *Advanced Stroke Life Support® Blended Learning Reference Guide*. American Heart Association Press, Dallas, TX. Digital 2024. Print v.2.0 – February 2024. ISBN: 978-1-68472-131-3.
16. Motola J, Anzardo E, Ashcraft S, Brotons A, Gonzalez M, Hinkson C, Holmstedt CA, Issenberg SB, James D, Jauch EC, Johnson S, Madsen T, Misra A, Nystrom, K, Panagos PD, Ranasinghe T, Rodriguez-Perez RD, Stark S, Torres G, Wira C, and the AHA ASLS Project Team. *Advanced Stroke Life Support® Blended Learning Instructor Manual*. American Heart Association Press, Dallas, TX. Digital 2022. First printing March 2023. ISBN: 978-1-68472-132-0.
17. Motola J, Anzardo E, Ashcraft S, Brotons A, Gonzalez M, Hill M, Hinkson C, Holmstedt CA, Issenberg SB, James D, Jauch EC, Johnson S, Madsen T, Misra A, Panagos PD, Ranasinghe T, Rodriguez-Perez RD, Stark S, Torres G, Wira C, and the AHA ASLS Project Team. *Advanced Stroke Life Support® Blended Learning Reference Guide*. American Heart Association Press, Dallas, TX. Digital 2022. First printing March 2023. ISBN: 978-1-68472-131-3.
18. Motola J, Anzardo E, Ashcraft S, Brotons A, Hill M, Carter S, Groom J, Guillette D, Groom J, Guillette D, Hernandez A, Hill M, Hinkson C, Holmstedt CA, Issenberg SB, James D, Jauch EC, Johnson S, Khan J, Riera Lopez N, Madsen T, Martell S, Marulanda-Londono E, Nystrom, K, Panagos PD, Ranasinghe T, Reynolds PS, Rodriguez-Perez RD, Sanders L, Scalese RJ, Silvers S, Sullivan JE, Tober R, Torres G, Wira C, Clutch Content Partners, RKD Studios, Waisman D, and the AHA ASLS Project Team. *Advanced Stroke Life Support® Blended Learning Provider Manual*. American Heart Association Press, Dallas, TX. Digital 2022. First printing March 2023.
19. Scalese R, Motola J, Groom J, Issenberg SB, eds. *Improving Simulation Instructional Methods Provider Manual*, 5th edition. University of Miami Press, Miami, FL. 2021.
20. Motola J, Jauch E, Issenberg SB, Panagos PD. *Stroke Care during the COVID-19 Pandemic*. [E-Book] Developed in collaboration with the American Heart Association. 2020. 3,089 learners completed as of March 3, 2021.
21. Motola J, Brotons A, Davis D. *Advanced Stroke Life Support Angels Course for International EMS Professionals*. [E-book] Ingelheim, Germany. 2019. Translated into 17 languages. 24,183 learners completed as of April 4, 2024.
22. Motola J, De Melo P. *Ectopic Pregnancy*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult*, 6th edition. Wolters Kluwer Health, Philadelphia, PA. October 9, 2019. ISBN 9781496392954.

23. Motola I, De Melo P. *Spontaneous Abortion*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult*, 6th edition. Wolters Kluwer Health, Philadelphia, PA. October 9, 2019. ISBN 9781496392954.
24. De Melo P, Motola I. *Pregnancy, Uncomplicated*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult*, 6th edition. Wolters Kluwer Health, Philadelphia, PA. October 9, 2019. ISBN 9781496392954.
25. De Melo P, Motola I. *Delivery, Uncomplicated*. In: *Rosen and Barkin's 5-Minute Emergency Medicine Consult*, 6th edition. Wolters Kluwer Health, Philadelphia, PA. October 9, 2019. ISBN 9781496392954.
26. Motola I and Sullivan JE. *General Principles of Wound Management*. In: *Reichman's Emergency Medicine Procedures*, 3rd edition. McGraw-Hill, New York City, NY. © 2019. ISBN-13: 978-1259861925, ISBN-10: 1259861929.
27. Motola I, Brotons A, Martell S, Davis D. *Advanced Stroke Life Support-United Kingdom* [E-Book] Solutions Training. Weybridge, UK. May 2019.
28. Carter S, Brotons AA, Torres V, Garcia H, Arias J, Motola I, Issenberg SB, eds. *Tactical Medical Response to Active Shooter Hostile Events Instructor Manual*. University of Miami Press, Miami, FL. 2019.
29. Carter S, Brotons AA, Torres V, Garcia H, Arias J, Motola I, Issenberg SB, eds. *Tactical Medical Response to Active Shooter Hostile Events Provider Manual*. University of Miami Press, Miami, FL. 2018.
30. Motola I, Mosetti E, Hart V, Brotons AA, Carter SC, Lewiss RE. *Emergency Medical Services Point of Care Ultrasound Provider Manual*. University of Miami Press, Miami, FL. 2017.
31. Issenberg SB, Scalese R, Motola I, Rivera H, Carter S, eds. *Improving Simulation Instructional Methods Provider Manual*, 4th edition. University of Miami Press, Miami, FL. 2016.
32. Motola I, Rivera HF, Brotons AA, Khan J, Reynolds PS. *Advanced Stroke Life Support® for Hospital Providers Manual*, 11th edition. University of Miami Press, Miami, FL. 2015.
33. Motola I, Rivera HF, Brotons AA, Khan J, Reynolds P. *Advanced Stroke Life Support® - Hospital Instructor Manual*, 11th edition. University of Miami Press, Miami, FL. 2015.
34. Motola I, Rivera HF, Brotons AA, Khan J, Reynolds P. *Advanced Stroke Life Support® for Prehospital Providers Manual*, 11th edition. University of Miami Press, Miami, FL. 2015.
35. Motola I, Rivera HF, Brotons AA, Khan J, Reynolds P. *Advanced Stroke Life Support® - Prehospital Instructor Manual*, 11th edition. University of Miami Press, Miami, FL. 2015.
36. Motola I, Rivera HF, Brotons AA, Esterson J, Issenberg SB, eds. *Management of Acute Coronary Syndromes and 12-Lead ECG Interpretation Instructor Manual*, 6th edition. University of Miami Press, Miami, FL. 2015.
37. Brotons AA, Motola I, Rivera HF, Hernandez S, Esterson J, Issenberg SB, eds. *Management of Acute Coronary Syndromes and 12-Lead ECG Interpretation Provider Manual*, 6th edition. University of Miami Press, Miami, FL. 2015

38. Motola I, Jacoby Zigman A. *Ectopic Pregnancy*. In: Rosen and Barkin's 5-Minute Emergency Medicine Consult, 5th edition. Pgs. 352-353. Wolters Kluwer Health, Philadelphia, PA. September 29, 2014. ISBN-13: 978-1451190670, ISBN-10: 1451190670.
39. Motola I, Jacoby Zigman A. *Spontaneous Abortion*. In: Rosen and Barkin's 5-Minute Emergency Medicine Consult, 5th edition. Pgs. 12-13. Wolters Kluwer Health, Philadelphia, PA. September 29, 2014. ISBN-13: 978-1451190670, ISBN-10: 1451190670.
40. Motola I, Brotons AA, Carter S, Issenberg SB. *Personal Protective Equipment*. [E-book] University of Miami, Miami, FL. 2014.
41. Motola I, Devine L, Chung HS, Sullivan JE, Issenberg SB. *Simulation in healthcare education: A best evidence practical guide*. AMEE Guide No. 82: Association for Medical Education in Europe, Dundee, Scotland. 2013.
42. Motola I, Soto R, Schulman C. Production: Seiler C. *Disaster Management Medical Response mobile curriculum*. Modules in: *Field Operations, Chemical Agents, Biological Agents, Radiological/Nuclear Agents, Explosives*. DiMobileCARE [E-book]. 2012.
43. Motola I, Brotons AA, Levine R, Rodriguez R, Issenberg SB. *Usability and Efficacy of Augmented Reality for Paramedic Procedural Skills Education*. Research report to Telemedicine and Advanced Technology Research Center. September 7, 2012.
44. Motola I, Rodriguez R, Levine R, Issenberg SB. *Usability and Feasibility of Augmented Reality for Medical Student Procedural Skills Education*. National Institutes of Health SBIR research report. November 30, 2011.
45. Motola I, Soto R, Brotons AB, Rivera HF, Issenberg SB. *Management of Pediatric Trauma*. [E-book] University of Miami Press, Miami, FL. 2011.
46. Motola I, Brotons AA, Rivera HF, Tober RB, Miller GT, Soto RE, Scott, JA, Flick T, Issenberg SB. *University of Miami Airway Management: Principles and Practice Provider Manual 4th Edition*. University of Miami Press, Miami, FL. 2010.
47. Motola I, Brotons AA, Rivera HF, Tober RB, Miller GT, Soto RE, Scott, JA, Flick T, Issenberg SB. *University of Miami Airway Management: Principles and Practice Instructor Manual 4th Edition*. University of Miami Press, Miami, FL. 2010.
48. Rivera HF, Motola I, Garcia M, Brotons AA, Cervantes LH, Diez Barroso RM, Hurtado IVA. *Soporte Vital Avanzado del Evento Vascular Cerebral: Atención Prehospitalaria*. University of Miami Press, Miami, FL. 2010.
49. Motola I, Gordon DL, Coleman J, Baker JW, Brotons AA, Miller GT, Rivera HF, Issenberg SB, Gordon MS. *Advanced Stroke Life Support® for Hospital Providers Manual*, 10th edition. University of Miami Press, Miami, FL. 2010.
50. Motola I, Gordon DL, Coleman J, Baker JW, Brotons AA, Miller GT, Rivera HF, Issenberg SB, Gordon MS. *Advanced Stroke Life Support for Prehospital Providers Manual*, 10th edition. University of Miami Press, Miami, FL. 2010.
51. Miller G, Motola I, Brotons AB, Rivera HF, Issenberg SB. *Prehospital Mass Casualty Triage*. [E-book] University of Miami, Miami, FL. 2009.

52. Gordon DL, Motola J, Coleman J, Baker JW, Brotons AA, Miller GT, Rivera HF, Issenberg SB, Gordon MS. *Advanced Stroke Life Support® Instructor Manual*. University of Miami Press, Miami, FL. 2008.
53. Motola J, Brotons AB, Rivera HF, Miller GT, Scott, JA, Issenberg SB. *University of Miami Airway Management: Principles and Practice*. University of Miami Press, Miami, FL. 2008.
54. Miller GT, Motola J, Brotons AA, Rivera HF, Issenberg SB, Gordon MS. *Emergency Response to Terrorism Course*. University of Miami Press, Miami, FL. 2007.
55. Miller GT, Motola J, Brotons AA, Rivera HF, Issenberg SB, Gordon MS. *Catastrophic Health Incident Response Training v. 2*. University of Miami Press, Miami, FL. 2007.
56. Motola J. Primary Seat Belt Laws and Racial Profiling. Massachusetts College of Emergency Physicians, Public Health Committee. Massachusetts Medical Society. Boston, MA. 2006.
57. Motola J, Medical Editor. "Altitude Sickness," "Pressure Immobilization," "Chest Pain," "Sunburn," "Tick bite." [E-Monographs] *E-medicine Wilderness Medicine Section/Medscape*. 2002.
58. Motola J, Managing Editor. "Abdominal Pain," "Electrical Injuries," "Fainting," "Immunizations," "Antibiotics for Overseas Travelers," "Splinting." [E-Monographs] *E-medicine Wilderness Medicine Section/Medscape*. 2002.
59. Motola J. Blood Substitutes. In: Intravenous Fluid Resuscitation for Hypovolemic Shock Due to Trauma in Microgravity Environments. National Aeronautics and Space Administration, Space and Life Sciences Directorate, Lyndon B. Johnson Space Center, Houston, TX. 2002.
60. Motola J, Editor in Chief. *Harvard Affiliated Emergency Medicine Residency Intern Handbook*. 2001-2003.

19a. Juried or Refereed Journal Articles or Exhibitions:

Total citations to date: Google Scholar 2,728 (Since 2021: 1,360); Scopus: 1,423
h-index: 10, i10 index: 12 (Source: Google Scholar)

Note – special acknowledgement for the following refereed journal articles:

- Article #12 has been recognized by the Association for Medical Education in Europe as one of the most cited and downloaded manuscripts in the journal Medical Teacher since its publication in 2013 with 1,803 citations in Google Scholar and 903 citations in Scopus (99th percentile) with an FWCI of 20.18.
- Article #11 was the first standard of best practice for simulation-enhanced interprofessional education. It has 142 citations on Google Scholar and 67 citations on Scopus (95th percentile) with an FWCI of 4.14.
- Article #21 was one of the first research papers proving that both memory and CD45RA⁺/CD62L⁺ naïve CD4⁺ T cells were infected in HIV with implications for long term

treatment and disease eradication. It has 302 citations on Google Scholar and 206 citations on Scopus (98th percentile) with an FWCI of 6.63.

1. Misra A, Cabeceiras R, Rodriguez RD, Brotons AA, Montero JL, Cambo R, Sehgal A, Tiozzo E, Koru-Sengul T, Syms S, Motola I. Use of Facial Recognition Technology in a Prehospital Setting: A Randomized Controlled Simulation Study. *West J Emerg Med*. Accepted for Publication June 2026.
2. Weber A, Misra A, Rodriguez RD, Brotons AA, Mosetti MA, Lewiss RE, Tiozzo E, Motola I. Effectiveness of a Simulation-based Point-of-care Ultrasound Course for Prehospital Providers - A Single Group Quasi-Experimental Study. *BMC Med Educ*. 2025 Jul 21;25(1):1093. doi: 10.1186/s12909-025-07675-w. *Citations as of 7/15/2026: 2*
3. Pergakis, MB, Misra A, Al-Mufti F, *Motola I, *Morris NA. A hybrid simulation-based workshop improves knowledge and confidence in the management of hemorrhagic conversion of stroke among interventional neurology trainees. *Stroke Vasc Interv Neuro*. 2024 Sep;4(6). doi:10.1161/SVIN.124.001416. *Citations as of 7/15/2026: 1*
*Co-Senior Authors
4. Bajwa M, Ahmed R, Lababidi H, Morris M, Morton A, Mosher C, Wawersik D, Herx-Weaver A, Gross IT, Palaganas JC. [Motola I (Byline Author)]. Development of Distance Simulation Educator Guidelines in Healthcare: A Delphi Method Application. *Simulation in Healthcare*. 2024 Feb 1;19(1):1-10. doi: 10.1097/SIH.0000000000000707.
https://journals.lww.com/simulationinhealthcare/Fulltext/9900/Development_of_Distance_Simulation_Educator.50.aspx
5. Sanko J S, Hartley G W, Mckay ME, Drevyn EM, Mandel DW, Gerber KS, Motola I. Insights into Learning Among Physical Therapy, Medical, and Nursing Students Following a Simulation-Based, Interprofessional Patient Safety Course. *Cureus*. March 2023;15(3): e36859. doi:10.7759/cureus.36859. *Citations as of 7/15/2026: 10*
6. Griswold S, Uchida T, Issenberg B, Motola I, McGaghie WC, Gisondi MA, Lorenz A, Barsuk JH. The ethical imperative of psychological safety in healthcare - In response to the Manifesto for healthcare simulation practice. *BMJ Simulation and Technology Enhanced Learning*. 2021 April 28;7(5):457-458. doi: 10.1136/bmjstel-2021-000889. PMID: 35515745. *Citations as of 7/15/2026: 1*
7. Sanko J, Mckay M, Shekhter I, Motola I, Birnbach DJ. What participants learn, with, from and about each other during inter-professional education encounters: A qualitative analysis. *Nurse Education Today*. 2020 Mar 5;88:104386. doi: 10.1016/j.nedt.2020.104386. PMID: 32182493. *Citations as of 7/15/2026: 38*.
8. Tsigoulis G, Ascione S, Zini A, Sanjuan E, Motola I, Huy Thang N. Three years of Angels: delivering a vision of consistent improvements in stroke care, internationally. *Oruen – The CNS Journal*. 2019 July; 5(1): 8-31.
9. Rosenman ED, Fernandez R, Wong AH, Cassara M, Cooper D, Kou M, Lack TA, Motola I, Parsons J, Levine B, Grand J. Changing Systems Through Effective Teams: A Role for Simulation. *Academic Emergency Medicine*. 2018 February;25(2):128-143. doi:10.1111/acem.13260. PMID: 28727258. *Citations as of 7/15/2026: 35*.

10. Motola I, Burns WA, Brotons AA, Rodriguez RD, Withum KF, Hernandez S, Rivera HF, Issenberg SB, Schulman CI. Just-in-Time Learning is Effective in Helping First Responders Manage Weapons of Mass Destruction Events. *Journal of Trauma and Acute Care Surg.* 2015 October; 79(4 Suppl 2):S152-6. doi: 10.1097/TA.0000000000000570. PMID: 26131788. *Citations as of 3/31/2026: 24.*
11. Decker SI, Anderson M, Boese T, Epps C, McCarthy J, Motola I, Palaganas J, Perry C, Puga F, Scolaro K, Lioce L. Standards of Best Practice: Simulation Standard VIII: Simulation-Enhanced Interprofessional Education. *Clin Simul Nurs.* 2015 June; 11(6):293-297. doi: 10.1016/j.ecns.2015.03.010. *Citations as of 7/15/2026: 142.*
12. *Motola I, Devine L, Chung HS, Sullivan JE, Issenberg SB. Simulation in healthcare education: A best evidence practical guide. AMEE Guide No. 82. *Med Teach.* 2013 October;35(10):e1511-30. doi: 10.3109/0142159X.2013.818632. PMID: 23941678. *Citations as of 7/15/2026: 1,803.*
 * One of the most cited publications in medical education
13. Motola I, Murphy S, Brotons AA, Rivera HF, Soto RE, Issenberg SB. Effectiveness of a one-day, case-based, hands-on simulation course for enhancing EMS provider knowledge in emergency airway assessment and management. *Annals of Emergency Medicine.* 60(4):S129, October 2012. doi: 10.1016/j.annemergmed.2012.06.394.
14. Miller GT, Motola I, Brotons AA, Issenberg SB. Preparing for the Worst: A Review of the ADDIE simulation model for disaster response training. *Journal of Emergency Medical Services* 2010 September;35(9):suppl 11-13. PMID: 21510435. *Citations as of 7/15/2026: 10.*
15. Marklund LA, Graham AM, Morton PG, Hurst CG, Motola I, Robinson DW, Kelley VA, Elenberg KJ, Russler MF, Boehn DE, Higgins DM, McAndrew PE, Williamson HM, Atwood RD, Huebner KD, Brotons AA, Miller GT, Rimpel LY, Harris LL, Santiago M, Cantrell L. Past, Present, and Future Benefits of Collaborative Medical Education and Training between Military and Civilian Healthcare Professionals. *Prehosp Disaster Med.* September-October 2010;25(5):399–412. doi: 10.1017/s1049023x00008451. PMID: 21053185. *Citations as of 7/15/2026: 25.*
16. Fernandez R, Vozenilek J, Hegarty C, Motola I, Reznick M, Phrampus P, Kozlowski, S. Developing expert medical teams: toward an evidence-based approach. *Acad Emerg Med.* 2008 November;15(11):1025-36. *Citations as of 7/15/2026: 108.*
17. Nagurney JT, Huang C, Kulkarni RG, Sane S, Davis MA, Anderson PD, Gaufberg SV, Ciotto GR, Motola I, Chang Y, Setnik G. An attempt to measure the spread of emergency medicine internationally. *Intern Emerg Med.* 2007 December;2(4):302-10. doi: 10.1007/s11739-007-0083-1. PMID: 18060470
18. Gany F, Leng J, Shapiro E, Abramson D, Motola I, Shield DC, Changrani J. Patient satisfaction with different interpreting methods: a randomized controlled trial. *J Gen Intern Med.* 2007 November;22 Suppl 2:312-8. doi: 10.1007/s11606-007-0360-8. PMID: 17957417 *Citations as of 7/15/2026: 197.*
19. Motola I, Bohan JS. GI Decontamination. *Critical Decisions in Emergency Medicine.* American College of Emergency Physicians. 2003 November; 18(3).
20. Motola I, Lyn E. Low Back Pain. *Critical Decisions in Emergency Medicine.* American College of Emergency Physicians. 2003 May; 17(9): 9-10.

21. Ostrowski M, Chun TW, Justement S, Motola I, Spinelli MA, Adelsberger J, Ehler L, Mizell SB, Hallahan CW, and Fauci AS. Both Memory and CD45RA⁺/CD62L⁺ Naïve CD4⁺ T Cells are Infected in Human Immunodeficiency Virus Type 1- Infected Individuals. *Journal of Virology*. August 1999, Vol. 73, No. 8: 6430-6435. doi: 10.1128/jvi.73.8.6430-6435.1999. PMID: 10400736. Citations as of 7/15/2026: 302.

19b. Published Abstracts in Juried or Refereed Journals

1. Motola I, Misra A, Hill M, Brotons AA, Barbar S, Marulanda-Londono E, Issenberg SB, Pham K, Jauch E, Ranasinghe T, Panagos P. Development and Implementation of Essential Stroke Life Support®: An Online Virtual Simulation Course. *Simulation in Healthcare*. 21(3):e108, June 2026. doi:10.1097/SIH.0000000000000942.
2. Misra A, Barbar S, Brotons AA, Rodriguez RD, James D, Motola I. Improving Response to Emergencies in the Operating Room: Development and Implementation of a Comprehensive Simulation Program for Team Training and Mitigating Latent Safety Threats. *Simulation in Healthcare*. 21(3):e86, June 2026. doi:10.1097/SIH.0000000000000942.
3. Barbar S, Misra A, Brotons AA, Rodriguez RD, Tiozzo E, Motola I. Impact of a Simulation-Based Acute Coronary Syndromes and ECG Interpretation Course on EMS Knowledge and Preparedness. *Simulation in Healthcare*. 21(3):e51, June 2026. doi:10.1097/SIH.0000000000000942.
4. Motola I, Misra A, Barbar S, Brotons AA, Rodriguez RD, Marulanda E. The Impact of the Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, and Management of Stroke Patients. *Stroke*. 2026 Jan 29;57 (Suppl_1). doi: 10.1161/str.57.suppl_1.WP184.
5. Misra A, Barbar S, Ranasinghe T, Hill M, Brotons AA, Pham K, Marulanda E, Issenberg SB, Jauch, E, Panagos P, Motola I. Development and Implementation of Essential Stroke Life Support®: An Online Virtual Simulation Course. *Stroke*. 2026 Jan 29;57 (Suppl_1). doi:10.1161/str.57.suppl_1.DP278.
6. Misra A, Cabeceiras R, Rodriguez RD, Montero J, Cambo R, Sehgal A, Brotons AA, Koru-Sengul T, Syms S, Motola I. The Impact of Facial Recognition Technology in a Prehospital Setting: A Randomized Control Simulation-based Study. *Simulation in Healthcare*. 2024 Feb;19(1):e1-e51.
7. Misra A, Medwid K, Motola I, Brotons AA, Agarwal GG, Deshpande AR, Anzardo JL, Issenberg SB. A Novel Experiential Learning Curriculum to Teach Emergency Medical Skills to Pre-Clerkship Medical Students. *Simulation in Healthcare*. 2024 Feb;19(1):e1-e51.
8. Motola I, Misra A, Rodriguez RD, Anzardo EV, Brotons AA, Issenberg SB. The Impact of the Advanced Stroke Life Support® Course on Knowledge, Diagnosis, Management & Care of Stroke Patients. *Academic Emergency Medicine*. 2023 May;30 Suppl 1:8-423 (138). doi: 10.1111/acem.14718.

9. Motola J, Rodriguez RD, Brotons AA, Pizano LR, Buzzelli MD, Misra A, Crenshaw N, Groom JA, Issenberg SB. Effectiveness of Teletraining Combined with Augmented Reality for Remote Tube Thoracostomy Procedural Training. *Academic Emergency Medicine*. 2023 May;30 Suppl 1:8-423 (366). doi: 10.1111/acem.14718.
10. Motola J, Lavandeira E, Rodriguez AD, Brotons AA, Anzardo EA, Sullivan JE. Effectiveness of a Simulation-Based Course in Acute Coronary Syndromes and Electrocardiogram Interpretation for Paramedics. *Academic Emergency Medicine* 28(S1):S70, May 2021. doi: 10.1111/acem.14249.
11. Pust GD, Kateregga A, Oad M, Olvera R, Garcia GD, Lieberman HM, Marttos A, Yeh DD, Namias N, Motola J. Central Venous Catheter Simulation Training for Residents Improves Confidence in Knowledge & Skills. *Critical Care Medicine* 49(1):535, January 2021. doi: 10.1097/01.ccm.0000730168.19398.c6.
12. Pust GD, Kateregga A, Oad M, Olvera R, Garcia GD, Lieberman HM, Marttos A, Yeh DD, Namias N, Motola J. Arterial Catheter Simulation Training for Residents Improves Confidence in Knowledge and Skills. *Critical Care Medicine* 49(1):534, January 2021. doi: 10.1097/01.ccm.0000730156.32234.a0.
13. Motola J, Brotons AA, Rodriguez RD, Marulanda-Londono E, Li H, Rivera HF, Hernandez S, Schwemmer SL, Issenberg SB. Prospective Validation of the Miami Emergency Neurologic Deficit (MEND) Exam for Detection of Stroke. *Stroke*. 49(S1):AWP232, January 2018. doi: 10.1161/str.49.suppl_1.WP232.
14. Motola J, Brotons AA, Rodriguez RD, Marulanda-Londono E, Carter SP, Li H, Issenberg SB. Predictive Value of the Miami Emergency Neurologic Deficit (MEND) Exam for Detecting Large Vessel Occlusion Strokes. *Stroke*. 49(S1): AWP222, January 2018. doi: 10.1161/str.49.suppl_1.WP222.
15. Anzardo EV, Motola J, Brotons AA, Carter SP, Rodriguez RD, Issenberg SB. Advanced Stroke Life Support® Course Significantly Improves Knowledge of Stroke Diagnosis and Management for Prehospital and Hospital-Based Providers. *Stroke*. 49(S1):ATP356, January 2018. doi: 10.1161/str.49.suppl_1.TP356.
16. Brotons AA, Motola J, Romano J, Schwemmer S, Issenberg SB. The use of prehospital telemedicine to aid in the decision to airlift patients to a comprehensive stroke center from a rural area. *Stroke*. 47(S1):ATP254, February 2016. doi: 10.1161/str.47.suppl_1.tp254.
17. Seery J, Brotons AA, Motola J, Rivera H, Schulman C. Technology Innovation High-fidelity Hybrid Simulator for Interprofessional Trauma Team Training. *Simulation in Healthcare*. 9(6):p 494, December 2014. doi:10.1097/01.SIH.0000459424.93549.3a
18. Motola J, Hernandez S, Brotons AA, Withum K, Marttos A, Issenberg SB, Schulman C. Board 219 - Program Innovations Abstract Teletraining for Civilian Interprofessional Healthcare Teams in a

Deployed Setting. *Simulation in Healthcare*. 8(6):p 473, December 2013.
doi:10.1097/01.SIH.0000441484.18262.05

19. Brotons AA, Motola J, Rivera HF, Soto RE, Schwemmer S, Issenberg SB. Correlation of the Miami Emergency Neurologic Deficit (MEND) Exam Performed in the Field by Paramedics with an Abnormal NIHSS and Final Diagnosis of Stroke for Patients Airlifted from the Scene. *Stroke*. 43(S1):A3468, February 2012. doi: 10.1161/str.43.suppl_1.A3468. *Citations as of 7/15/26: 10*.
20. Motola J, Soto RE, Brotons AA, Rivera HF, Issenberg SB. The Impact of Rapid Response Team Training on Team Dynamics and Provider Self-Confidence. *Circulation*. 124(S21):A126, November 2011. doi: 10.1161/circ.124.suppl_21.A126.
21. Motola J, Chan JC, Brotons AA, Miller GT, Issenberg SB. Addressing the Need for Stroke Education Globally: Effectiveness of the Advanced Stroke Life Support Course (ASLS) for Prehospital and Hospital-based Healthcare Providers in Hong Kong. *Stroke*. Vol. 42 (3): E294-E295, March 2011.

20. Other Works, Publications and Refereed Research Abstracts:

20a. Refereed Research Abstracts:

1. Saco M, Hubenthal Z, Brotons AA, Barbar S, Misra AM, Motola J, Issenberg SB. Use of Conversational Artificial Intelligence in Manikin-Based Simulation for Healthcare Training. Poster Presentation. SimOps Annual Meeting. July 16, 2026. Tampa, FL. (National)
2. Motola J, Misra, A, Barbar S, Ranasinghe T, Hill M, Brotons A, Pham K, Londono EM, Issenberg SB, Panagos P. Development and Global Implementation of Essential Stroke Life Support®: An Online Adaptive Learning Virtual Simulation Course for Stroke. *Oral Presentation*. 31st Annual Meeting of the Society for Simulation in Europe (SESAM). June 19, 2026. Lyon, France. (International)
3. Motola J, Misra A, Barbar S, Brotons AA, Rodriguez RD, Marulanda E, Issenberg SB. International Impact of the Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, and Management of Stroke Patients. *Oral Presentation*. 31st Annual Meeting of the Society for Simulation in Europe (SESAM) Conference June 18, 2026. Lyon, France. (International)
4. Barbar S, Misra A, Rodriguez RD, Brotons AA, Gonzalez M, Motola J. Bridging the Training Gap in Maternal and Neonatal Emergencies: Simulation-Based Education for Emergency Medical Services Providers. *Poster Presentation*. 31st Annual Meeting of the Society for Simulation in Europe (SESAM). June 18, 2026. Lyon, France. (International)
5. Motola J, Misra, A, Barbar S, Ranasinghe T, Hill M, Brotons A, Pham K, Londono EM, Issenberg B, Panagos P. Development and Implementation of Essential Stroke Life Support®: An Online Course Incorporating AI-driven Mastery and Adaptive Learning and Virtual Simulations. *Poster Presentation*. 2026 Innovations in Medical Education Conference. March 26, 2026. Miami, FL. (National)
6. Barbar S, Misra, A, Rodriguez RD, Brotons AA, James D, Motola J. Improving Emergency Response Through Simulation-Based Education: A Quality Improvement Initiative. *Poster Presentation*.

Presented at: 2026 Innovations in Medical Education Conference. March 26, 2026. Miami, FL. (National)

7. Misra A, Barbar S, Cabeceiras R, Rodriguez RD, Brotons A, Syms S, Koru-Sengul T, Tiozzo E, Motola I. The Impact of Facial Recognition Technology in a Prehospital Setting: A Randomized Control Simulation-Based Study *Poster Presentation*. 2026 Innovations in Medical Education Conference. March 26, 2026. Miami, FL. (National)
8. *Misra A, Barbar S, Weber A, Brotons AA, Rodriguez RD, Lewiss RE, Motola I. Effectiveness of a Simulation-based Point-of-care Ultrasound Course for Prehospital Providers - A Single Group Quasi-Experimental Study. Selected for Oral Presentation. *Oral Presentation*. 2026 University of Miami DeWitt Daughtry Family Department of Surgery Annual Research Symposium. March 19, 2026. Miami, FL. (Regional)
*Won the Alan Livingstone, MD 2nd Research Prize for presenter and mentor
9. Barbar S, Misra A, Rodriguez RD, Brotons A, Gonzales M, Motola I. Effectiveness of a One-day Critical Events Simulation Course for Emergency Medical Service Providers. *Poster Presentation*. 2026 University of Miami DeWitt Daughtry Family Department of Surgery Annual Research Symposium. March 19, 2026. Miami, FL. (Regional)
10. Misra A, Hill M, Brotons AA, Barbar S, Marulanda-Londono E, Issenberg SB, Pham K, Jauch E, Ranasinghe T, Panagos P, *Motola I. Development and Implementation of Essential Stroke Life Support®: An Online Virtual Simulation Course. *Oral Presentation*. International Stroke Conference (ISC) (AHA/ASA). February 4, 2026. New Orleans, LA. (International)
*Lead Presenter
11. Motola I, Misra A, Barbar S, Brotons AA, Rodriguez RD, Marulanda E, Issenberg SB. The Impact of the Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, and Management of Stroke Patients. *Poster Presentation*. International Stroke Conference (ISC) (AHA/ASA). February 4, 2026. New Orleans, LA. (International)
12. Motola I, Misra A, Hill M, Brotons AA, Barbar S, Marulanda-Londono E, Issenberg SB, Pham K, Jauch E, Ranasinghe T, Panagos P. Development and Implementation of Essential Stroke Life Support®: An Online Virtual Simulation Course. *Oral Presentation*. 26th Annual International Meeting on Simulation in Healthcare (IMSH). January 12, 2026. San Antonio, TX. (International)
13. Misra A, Barbar S, Brotons AA, Rodriguez RD, James D, Motola I. Effectiveness of a Simulation-based Point-of-care Ultrasound (POCUS) Course for Prehospital Providers – Single Group Quasi-experimental Study. *Poster Presentation*. 26th Annual International Meeting on Simulation in Healthcare (IMSH). January 12, 2026. San Antonio, TX. (International)
14. Barbar S, Misra A, Brotons AA, Rodriguez RD, Tiozzo E, Motola I. Impact of a Simulation-Based Acute Coronary Syndromes and ECG Interpretation Course on EMS Knowledge and Preparedness. *Poster Presentation*. 26th Annual International Meeting on Simulation in Healthcare (IMSH). January 12, 2026. San Antonio, TX. (International)
15. Misra A, Barbar S, Brotons AA, Rodriguez RD, James D, Motola I. Improving Response to Emergencies in the Operating Room: Development and Implementation of a Comprehensive Simulation Program for Team Training and Mitigating Latent Safety Threats. *Poster Presentation*. 26th Annual International Meeting on Simulation in Healthcare (IMSH). January 12, 2026. San Antonio, TX. (International)

16. Motola I, Misra A, Barbar S, Brotons AA, Rodriguez RD, Marulanda E, Issenberg SB. The Impact of the Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, Management & Care of Stroke Patients. *Poster Presentation*. Florida Stroke Registry Annual Meeting. August 21, 2025. Tampa, FL. (Regional)
17. *Lavandeira E, *Sullivan EM, Misra A, Barbar S, Brotons A, James D, Rodriguez R, Motola I. Improving Response to Emergencies in the Operating Room: Development and Implementation of a Comprehensive Simulation Program for Team Training and Mitigating Latent Safety Threats. *Poster Presentation*. 2025 University of Miami DeWitt Daughtry Family Department of Surgery Research Symposium. May 22, 2025. Miami, FL. (Regional)
*Mentored Students Erik Lavandeira and Ethan Sullivan.
18. Misra A, *Lavandeira E, *Sullivan EM, Rodriguez RD, Brotons AA, Motola I. The Impact of The Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, Management & Care of Stroke Patients. *Poster Presentation*. 25th Annual International Meeting on Simulation in Healthcare (IMSH). January 13, 2025. Orlando, FL. (International)
19. Misra A, Brotons AA, Gonzalez M, Barbar SM, Motola I. Effectiveness of a 1-day Critical Events Simulation Course for Emergency Medical Service Providers. *Poster Presentation*. 25th Annual International Meeting on Simulation in Healthcare (IMSH). January 13, 2025. Orlando, FL. (International)
20. Sullivan EM, Gutierrez C, Marulanda E, Motola I, Romano J. A Stroke Public Education Initiative as an Eagle Scout Project Targeting Vulnerable Geographic Areas based on Florida Stroke Registry Data. *Poster Presentation*. Florida Stroke Registry Annual Meeting. August 1, 2024. Fort Lauderdale, FL. (Regional)
21. Misra A, Medwid K, Motola I, Brotons AA, Agarwal GG, Deshpande AR, Anzardo JL, Issenberg SB. A Novel Experiential Learning Curriculum to Teach Emergency Medical Skills to Pre-Clerkship Medical Students. *Poster Presentation*. 24th Annual International Meeting on Simulation in Healthcare (IMSH). January 20, 2024. San Diego, CA. (International)
22. Misra A, Cabeceiras R, Rodriguez RD, Montero J, Cambo R, Sehgal A, Brotons AA, Koru-Sengul T, Syms S, Motola I. The Impact of Facial Recognition Technology in a Prehospital Setting: A Randomized Control Simulation-based Study. *Poster Presentation*. 24th Annual International Meeting on Simulation in Healthcare (IMSH). January 20, 2024. San Diego, CA. (International)
23. Misra A, Medwid K, Motola I, Brotons AA, Agarwal GG, Deshpande AR, Anzardo JL, Issenberg SB. A Novel Experiential Learning Curriculum to Teach Emergency Medical Skills to Pre-Clerkship Medical Students. *Poster Presentation*. Learn Serve Lead 2023: The AAMC Annual Meeting. November 2023. Seattle, WA. (International)
24. *Lavandeira E, *Sullivan E, Rodriguez RD, Brotons AA, Pizano LR, Buzzelli MD, Issenberg SB, Motola I. Usability, Feasibility and Effectiveness of Teletraining Combined with Augmented Reality for Remote Tube Thoracostomy Procedural Training. *Poster Presentation*. 2023 University of Miami Department of Surgery Research Symposium. June 22, 2023. Miami, FL. (Regional)
*Mentored Students Erik Lavandeira and Ethan Sullivan.
25. Anzardo EV, Misra A, Rodriguez RD, Motola I. A Decade of Improving Response to Emergencies: A Comprehensive Simulation Training Program. *Poster Presentation*. 2023 UM/JHS Quality and Safety Showcase. May 23, 2023. Miami, FL. (Regional)

26. Motola I, Rodriguez RD, Brotons AA, Pizano LR, Buzzelli MD, Misra A, Crenshaw N, Groom JA, Issenberg SB. Effectiveness of Teletraining Combined with Augmented Reality for Remote Tube Thoracostomy Procedural Training. *Poster Presentation*. Society of Academic Emergency Medicine (SAEM) Annual Meeting. May 19, 2023. Austin, TX. (International)
27. Motola I, Misra A, Rodriguez RD, Anzardo EV, Brotons AA, Issenberg SB. The Impact of Advanced Stroke Life Support® Course on Knowledge, Diagnosis, Management & Care of Stroke Patients. *Oral Presentation*. Society of Academic Emergency Medicine (SAEM) Annual Meeting. May 18, 2023. Austin, TX. (International)
28. Sanko J, Mckay M, Mandel DW, Hartley HW, Motola I. Insights into Learning among Medical, Nursing, and Physical Therapy Students following a Simulation-Based, Interprofessional Patient Safety Course. *Poster Presentation*. 23rd Annual International Meeting on Simulation in Healthcare (IMSH). January 22, 2023. Orlando, FL. (International)
29. Misra A, Medwid K, Motola I, Brotons AA, Anzardo JL, Gonzalez M, Saco M, Issenberg SB. A Novel Experiential Learning Curriculum to Teach Emergency Medical Skills to Medical Students. *Poster Presentation*. International Conference on the Future of Health Professions Education (ICFHPE). November 3, 2022. Miami, FL. (International)
30. Carter S, Motola I, Brotons AA, Anzardo E, Issenberg SB. A Simulation-based Tactical and Medical Response to Active Shooter Hostile Events Course Significantly Improves the Knowledge of Public Safety First Responders. *Poster Presentation*. 20th Annual International Meeting on Simulation in Healthcare (IMSH). January 19, 2020. San Diego, CA. (International)
31. Scalese RJ, Motola I, Brotons A, Syms S, Anzardo E, Mosetti MA. Design, Develop and Implement Simulation-based OSCE Stations. *In: Proceedings of the 20th Annual International Meeting on Simulation in Healthcare (IMSH) January 19, 2020. San Diego, CA. (International)*
32. Sanko J, Mckay M, Hartley G, Mandel D, Shekhter I, and Motola I. Learning from, and Evaluations of, an IPE Patient Safety Course Including Nursing, Medicine, and Physical Therapy. *Poster Presentation*. Quality and Safety Education for Nurses (QSEN) National Forum. May 30, 2018. Bonita Springs, Florida. (National)
33. Motola I, McNulty M, McGillicuddy C, Scheidt L, Knickerbocker C, Jackson, T, Brotons A, Issenberg SB. A Longitudinal, Simulation-Based Disaster Response Curriculum Culminating in an Interprofessional Large-Scale Disaster Response Exercise for MD/MPH Students. *Oral Presentation*. 18th Annual International Meeting on Simulation in Healthcare (IMSH). January 16, 2018. Los Angeles, CA. (International)
34. Mosetti MA, Motola I, Hart V, Brotons AA, Carter S, Rodriguez RA, Lewiss R. Teaching the eFAST Examination to Prehospital Providers: A Simulation-based Point-of-Care Ultrasound Course. *Oral and Poster Presentation*. EMS World Conference. October 19, 2017. Las Vegas, NV. (International)
*Award: "Best Overall Poster Presentation"
35. Motola I, McNulty M, *McGillicuddy CS, *Knickerbocker C, Scheidt L, Brotons AA, Issenberg SB. A Longitudinal, Simulation-Based Disaster Response Curriculum Culminating in an Interprofessional Large-Scale Disaster Response Exercise for MD/MPH Students. *Poster Presentation*. UMMSM Department of Medicine Research Day. March 8, 2017. Miami, FL. (Regional)
*Mentored UMMSM fourth year medical students, Casey McGillicuddy and Chase Knickerbocker.

36. Motola I, Brotons AA, Rivera HF, Hernandez S, Seery JM, White WG, Issenberg SB. Effectiveness and Usability of Augmented Reality Simulation for Pediatric Intubation Training. UMMSM Department of Medicine Research Day. March 8, 2017. Miami, FL. (Regional)
37. *McGillicuddy CS, *Jackson T, Barroso-Fernandez S, Motola I. Disaster Preparedness Curriculum: Creating a Mass Casualty Simulation for Interprofessional Teams. *Poster Presentation*. Innovations in Medical Education Conference. February 2017. Los Angeles, CA.
*Mentored UMMSM medical students, Casey McGillicuddy and Todd Jackson. (National)
38. *McGillicuddy CS, Motola I. Disaster Preparedness Curriculum: Creating a Mass Casualty Incident Simulation for Interprofessional Teams. *Poster Presentation*. American Association of Medical Colleges Annual Meeting. November 11, 2016. Seattle, WA. (National)
*Mentored UMMSM third year medical student, Casey McGillicuddy.
39. Motola I, Brotons AA, Rivera HF, Hernandez S, Seery JM, White WG, Issenberg SB. Effectiveness and Usability of Augmented Reality Simulation for Pediatric Intubation Training. *Poster Presentation*. 16th Annual International Meeting on Simulation in Healthcare (IMSH). January 16, 2016. San Diego, CA. (International)
40. McKay M, Birnbach D, Hauck-Perez K, Motola I, Sanko JS. Use of Team Self-Debriefing During an Interprofessional Simulation-Based Patient Safety Course. *Poster Presentation*. 16th International Meeting on Simulation in Healthcare (IMSH). January 16, 2016. San Diego, CA. (International)
41. Seery JM, Campf J, Johnston, M, MacGregor JH, Motola I, Ragan V, White WG. Experiential Learning Styles and Modalities of Army Interprofessional Trauma Providers on Role II Surgical Teams: Impact on Training Concepts at the Army Trauma Training Department. *Poster Presentation*. 16th Annual International Meeting on Simulation in Healthcare (IMSH). January 2016. San Diego, CA. (International)
42. Scalese RJ, Motola I, Rivera H, Brotons A, Carter S, Devine L. Developing and Implementing Simulation-based Stations for Objective Structured Clinical Examinations (OSCEs). *In: Proceedings of the 15th Annual International Meeting on Simulation in Healthcare (IMSH) January 2015*. New Orleans, LA. (International)
43. Seery J, Brotons AA, Motola I, Schulman CI. High-fidelity Hybrid Simulator for Interprofessional Trauma Team Training. *Poster Presentation*. 15th International Meeting on Simulation in Healthcare (IMSH). January 11, 2015. New Orleans, LA. 2014 Dec: 9(6):494. (International)
*Award: 2nd Place – Technology Innovation Research.
44. *Burns W, Motola I, Brotons AA, Withum KF, Rodriguez RD, Rivera HF, Issenberg SB, Schulman CI. Just in Time Learning is Effective in Helping First Responders Manage Weapons of Mass Destruction Events. *Oral Presentation*. Military Health Services Research Symposium. August 2014. Fort Lauderdale, FL. (National)
*Mentored UMMSM fourth year medical student, William Burns
45. Motola I, Hernandez S, Brotons AA, Withum KF, Marttos AC, Issenberg SB, Schulman CI. Tele-Training for Civilian Interprofessional Healthcare Teams in a Deployed Setting. *Poster Presentation*. 14th Annual International Meeting on Simulation in Healthcare (IMSH). January 2014. San Francisco, CA. (International)

46. Motola I, Devine L, Chung HS. The AMEE Best Evidence Practical Guide on Simulation in Healthcare Education - A Review of the Findings. *Oral Presentation*. 14th Annual International Meeting on Simulation in Healthcare (IMSH) January 2014. San Francisco, CA. (International)
47. Motola I, Levine R, Rodriguez RD, Issenberg SB. Usability and Feasibility of Augmented Reality for Medical Student Procedural Skills Education. *Poster Presentation*. 13th International Meeting on Simulation in Healthcare. January 2013, Orlando, FL. (International)
48. Motola I, *Coe S, Soto RE, Brotons AA, Issenberg SB. An e-Learning Curriculum Linked with an Immersive Simulation Game is Effective in Teaching Mass Casualty Triage in Disaster Response. *Poster Presentation*. 13th Annual International Meeting on Simulation in Healthcare (IMSH). January 2013. Orlando, FL. (International)
*Mentored UMMSM fourth year medical student, Stephanie Coe.
49. *Roeckner JT, Motola I, Brotons AA, Rivera HF, Soto RE, Issenberg SB. Implementing and Measuring Efficacy of a Capnography Simulation Training Program for Prehospital Healthcare Providers. *Oral Presentation*. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2012. Chicago, IL. (National)
*Mentored third year medical student, Jared Roeckner.
50. Motola I, Chan JC, Brotons AA, Miller GT, Issenberg SB. Addressing the Need for Stroke Education Globally: Effectiveness of the Advanced Stroke Life Support Course (ASLS) for Prehospital and Hospital-based Healthcare Providers in Hong Kong. *Poster Presentation*. International Stroke Conference (ISC) (AHA/ASA). February 2011. Los Angeles, CA. (International)
51. Miller GT, Schenk T, Motola I, Brotons AA, Issenberg SB. Development and integration of serious gaming into a prehospital mass casualty triage course. *Poster Presentation*. 9th International Meeting on Simulation in Healthcare (IMSH). January 2009. Orlando, FL. (International)
52. Motola I. Case Studies for Resident Education, Harvard Affiliated Emergency Residency Program: "Compartment Syndrome," "Ankle Injuries," "Pelvic Fractures," "Femur Fractures," "Shoulder Dislocations," "Supracondylar Humerus Fractures," "Salter-Harris Classification," and "Knee Dislocations." 2003-2004.
53. Motola I. Trauma in Pregnancy. Ethiopia Train the Trainers Program, Institute for International Emergency Medicine & Health, Harvard University. 2004.
54. Motola I. Abdominal Pain. for Ethiopia Train the Trainers Program, Institute for International Emergency Medicine & Health, Harvard University. 2004.
55. Motola I, Spinelli M, Chun TW, Ostrowski MA, Fauci AS. "Characterization of Viral Load in Memory and Naive CD4+ T Cells in HIV-1 Infection." *Poster Presentation*. National Institutes of Health Summer Research Fellowship Poster Session, 1997. (National)

20b. Research Reports Evaluating Novel Educational Technologies:

1. Motola I, Rodriguez RD, Levine R, Issenberg SB. Usability of Tube Thoracostomy Teletraining Combined with Augmented Reality Technology. October 14, 2020. US Department of Defense. AWD-006092.

2. Motola I, Rodriguez RD, Anzardo EV, Brotons AA. Effectiveness and Usability of a Haptics Trainer for Teaching Intraosseous Device Placement. November 4, 2019. US Department of Defense. AWD-005440.
3. Motola I, Rodriguez RD, Levine R, Issenberg SB. Effectiveness and Usability of Augmented Reality for Medical Student Procedural Skills Education in Pediatric Airway Management. July 10, 2015. National Institutes of Health Small Business Innovation Research Grant Subaward. NHLBI 1R43HL124872-01.
4. Motola I, Rodriguez RD, Levine R, Rivera HF, Hernandez S, Issenberg SB. Effectiveness and Usability of Augmented Reality for Medical Student Procedural Skills Education in Central Venous Cannulation: A Randomized-Control Educational Study. June 26, 2015. National Institutes of Health Small Business Innovation Research Grant Subaward. NIH 9R44OD012399-02.
5. Motola I, Brotons AA, Levine R, Rodriguez RD, Issenberg SB. Usability and Efficacy of Augmented Reality for Paramedic Procedural Skills Education - Cricothyrotomy. September 7, 2012.
6. Motola I, Rodriguez RD, Levine R, Issenberg SB. Usability and Feasibility of Augmented Reality for Medical Student Procedural Skills Education. NIH SBIR. November 30, 2011.

20c. Invited Publications and Commentaries:

1. Bongiorno DM, Moser JA, Agarwal I, Cooper RJ, Love J, Motola I, Natesan S, Zeidan A. Gender equity in the emergency medicine workforce: five key articles from 2025. *SAEM Pulse*. 2026; 41(4): 60-63. https://issuu.com/saemonline/docs/saem_pulse_july-august_2026/61
2. Motola I, Mayfield H, and the AHA Essential Stroke Life Support® Project Team. *Every Minute Counts: How Simulation-Based Training is Closing the Stroke Education Gap*. Becker's Hospital Review and American Heart Association White Paper. May 2026. <https://go.beckershospitalreview.com/clinicalwp/every-minute-counts-how-simulation-based-training-is-closing-the-stroke-education-gap>

20d. Innovations/Software:

1. Motola I, Ashcraft S, Barbar SM, Brotons A, Hill M, Marulanda-Londono E, Medina ML, Misra A, Nystrom, K, Panagos PD, Ranasinghe T. Essential Stroke Life Support Virtual Simulation Cases. Author/Content Developer/Subject Matter Expert. 2025.
2. Motola I, Brotons AA, Flick T, Valdes R, McEntire A. MEND Hosp iPhone and Android Application. Author/Content Developer/Subject Matter Expert for Stroke Management iPhone Application for Hospital providers. 2012. Updated 2015, 2017, and 2020.

3. Motola I, Brotons AA, Valdes R, McEntire A. MEND EMS iPhone and Android Application. Author/Content Developer/Subject Matter Expert for Stroke Management iPhone Application for Prehospital providers. 2011. Updated 2015, 2017, and 2020.
4. Motola I, Brotons AA, Issenberg, SB. *Prehospital Mass Casualty Triage for Disaster Response Multimedia Curriculum*. University of Miami. 2012. Updated 2017.
5. Motola I, Soto R, Brotons AA, Rivera HF, Issenberg SB. *Management of Pediatric Trauma Multimedia Curriculum*. University of Miami. 2011. Updated 2015.
6. Motola I, Soto R, Schulman C. Production: Seiler C. *Disaster Management Medical Response Mobile Curriculum*. Modules in: *Field Operations, Chemical Agents, Biological Agents, Radiological/Nuclear Agents, Explosives*. DiMobileCARE multimedia modules for just-in-time learning. 2012.
7. Motola I, Brotons AA, Rivera HF, Issenberg SB. Simulation Cases written for Laerdal Sim Store- *Pediatric Seizure, Plugged Tracheostomy, Disaster Preparedness Scenarios*. 2011
8. Miller G, Motola I, Brotons AA, Rivera HF, Issenberg SB. *Pivotal Decision Simulation Game: Prehospital Mass Casualty Triage*. University of Miami. 2009. Updated 2014.
9. Miller, GT, Motola I, Brotons AA, Issenberg, SB. *Prehospital Emergency Triage Response. Multimedia Curriculum*. University of Miami. 2009.
10. Brotons, AA, Motola I, Issenberg, SB, Gordon, MS *Emergency Response to Terrorism. CD ROM Instructors Toolkit*. University of Miami. 2008.
11. Miller GT, Motola I, Brotons AA, Rivera HF, Issenberg SB, Gordon MS. *Emergency Response to Terrorism Course Multimedia Curriculum*. University of Miami. 2007. Updated 2012.

V. PROFESSIONAL

21. Grants and Funded Research Performed/In Progress:

- Total funded grants: \$ 83,076,174
- Total funded grants as Principal Investigator: \$ 13,727,549
- Total funded grants as Co-Principal Investigator: \$ 48,333,698
- Total funded grants as Co-Investigator: \$ 21,014,927

1. Source: State of Florida Department of Education. AWD-011658
 Title: Medical Training and Simulation Laboratory at the University of Miami Center for Simulation and Innovation in Medical Education.
 Role: Co-Principal Investigator; funded effort – 60% (PI: B. Issenberg)
 Amount: \$6,000,000.00 (100% Direct)

- Dates: 07/01/2026 - 06/30/2027
2. Source: State of Florida Department of Education. AWD-010800
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Simulation and Innovation in Medical Education.
Role: Co-Principal Investigator; funded effort – 62% (PI: B. Issenberg)
Amount: \$6,000,000.00 (100% Direct)
Dates: 07/01/2025 - 06/30/2026
3. Source: State of Florida Department of Education. AWD-009885
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Simulation and Innovation in Medical Education.
Role: Co-Principal Investigator; funded effort – 58% (PI: B. Issenberg)
Amount: \$6,000,000.00 (100% Direct)
Dates: 07/01/2024 - 06/30/2025
4. Source: Perkins Family Foundation
Title: University of Miami Institute for Global Community Health and Development Grant – Emergency Management and Disaster Response Initiative Fund
Role: Co-Investigator; funded effort – 20% (PI: B. Green)
Amount: \$3,000,000 (100% Direct)
Dates: 03/01/2024 - 05/31/2026
5. Source: State of Florida Department of Education. AWD-009047
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Simulation and Innovation in Medical Education.
Role: Principal Investigator; funded effort – 70%
Amount: \$4,500,000.00 (100% Direct)
Dates: 07/01/2023 - 06/30/2024
6. Source: State of Florida Department of Education. AWP-015811
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Simulation and Innovation in Medical Education.
Role: Principal Investigator; funded effort – 70%
Amount: \$4,000,000.00 (100% Direct)
Dates: 07/01/2022 - 06/30/2023
7. Source: State of Florida Department of Education. AWD- 007171/ 874-91160-2S001
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Simulation and Innovation in Medical Education.
Role: Principal Investigator; funded effort – 70%
Amount: \$3,500,000.00 (100% Direct)

- Dates: 07/01/2021 - 06/30/2022
8. Source: State of Florida Department of Education. AWD-006283
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Principal Investigator; funded effort – 70% (PI: B. Issenberg)
Amount: \$3,500,000.00 (100% Direct)
Dates: 07/01/2020 - 06/30/2021
 9. Source: US Department of Defense. AWD-006092/ Contract W81XWH18C0363
Title: “Mobile Virtual Interactive Presence Capability for Combat Casualty Care”
Role: Sub-award Principal Investigator, funded effort – 9% (PI: R. Levine)
Amount: \$49,825 (35% Indirect)
Dates: 05/1/2020 - 08/31/2020
 10. Source: State of Florida Department of Education. AWD-005407
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Principal Investigator; funded effort – 75% (PI: B. Issenberg)
Amount: \$3,750,000.00 (100% Direct)
Dates: 07/01/2019 - 06/30/2020
 11. Source: US Department of Defense. AWD-005440
Title: “Inexpensive Haptic Devices and 3D Medical Game for Intraosseous Infusion Procedures”
Role: Subaward Principal Investigator, funded effort – 6% (PI: B. Levine)
Amount: \$49,256 (35% Indirect)
Dates: 04/26/2019 - 11/29/2019
 12. Source: State of Florida Department of Education. AWD-004395/874-91160-8S001
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Principal Investigator; funded effort – 75% (PI: B. Issenberg)
Amount: \$4,000,000 (100% Direct)
Dates: 07/01/2018 - 06/30/2019
 13. Source: State of Florida Department of Education. AWP-006370/874-91160-8S001
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Principal Investigator; funded effort – 65% (PI: B. Issenberg)
Amount: \$3,500,000 (100% Direct)
Dates: 07/01/2017 - 06/30/2018
 14. Source: State of Florida Department of Education. AWP-003338/874-91160-7S001
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.

- Role: Co-Principal Investigator; funded effort – 65% (PI: B. Issenberg)
Amount: \$3,750,000 (100% Direct)
Dates: 07/01/2016 - 06/30/2017
15. Source: State of Florida Department of Education. AWP-001330/874-91160-6S001
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Principal Investigator; funded effort – 65% (PI: B. Issenberg)
Amount: \$3,500,000 (100% Direct)
Dates: 07/01/2015 - 06/30/2016
16. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDW81K-04-11-C0016
Title: Army Trauma Training Center GCRME Training and Simulation Use
Role: Subaward Co-Principal Investigator – GCRME (PI: C. Schulman)
Amount: \$124,234 (36% Indirect)
Dates: 10/01/2015 – 09/30/2016
17. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDW81K-04-11-C0016
Title: Army Trauma Training Center GCRME Training and Simulation Use
Role: Subaward Co-Principal Investigator – GCRME (PI: C. Schulman)
Amount: \$128,772 (36% Indirect)
Dates: 10/01/2014 – 09/30/2015
18. Source: National Institutes of Health Small Business Innovation Research Grant Subaward. NHLBI 1R43HL124872-01
Title: “Usability and Feasibility of Augmented Reality for Pediatric Airway Management Procedural Training”
Role: Subaward Site Principal Investigator, funded effort – 5% (PI: R. Levine)
Amount: \$75,000 (35% Indirect)
Dates: 08/01/2014 – 7/31/2015
19. Source: State of Florida Department of Education. 874-91160-5S001
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Principal Investigator; funded effort – 65% (PI: B. Issenberg)
Amount: \$6,000,000 (100% Direct)
Dates: 07/01/2014 - 06/30/2015
20. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDW81K-04-11-C0016
Title: Army Trauma Training Center GCRME Training and Simulation Use
Role: Subaward Co-Principal Investigator – GCRME (PI: C. Schulman)
Amount: \$119,383 (36% Indirect)

- Dates: 10/01/2013 – 09/30/2014
21. Source: National Institutes of Health Small Business Innovation Research Grant Subaward. NIH 9R44OD012399-02
Title: “Augmented Reality Simulations for Teaching Medical Students”
Role: Subaward Principal Investigator, funded effort – 15% (PI: B. Levine)
Amount: \$230,968 (35% Indirect)
Dates: 08/01/2012 – 6/30/2015
22. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDW81K-04-11-C0016
Title: Army Trauma Training Center GCRME Training and Simulation Use
Role: Subaward Co-Principal Investigator – GCRME (PI: C. Schulman)
Amount: \$117,069 (36% Indirect)
Dates: 10/01/2012 – 09/30/2013
23. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDW81XWH-11-2-0211
Title: “Mobile Solutions for Disaster and Mass Casualty Events”
Role: Subaward Co-Principal Investigator GCRME; funded effort – 10% (PI: C. Schulman)
Amount: \$375,000 (35% Indirect)
Dates: 10/01/2011 – 03/31/2014
24. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDW81K-04-11-C0016
Title: Army Trauma Training Center GCRME Training and Simulation Use
Role: Subaward Co-Principal Investigator – GCRME (PI: J. Augenstein)
Amount: \$84,392 + IDC
Dates: 10/01/2011 – 09/30/2012
25. Source: State of Florida Department of Education
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Investigator; funded effort – 86 % (PI: B. Issenberg)
Amount: \$2,777,493 (100% Direct)
Dates: 07/01/2011 – 06/30/2012
26. Source: University of Miami Citizen’s Board
Title: “Student Development Program in Instructional Design and Advanced Technologies for Healthcare Education.”
Role: Principal Investigator; funded effort – 2%
Amount: \$7,500 (100% Direct)
Dates: 07/01/2010 - 06/30/2011
27. Source: State of Florida Department of Education

- Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
 Role: Co-Investigator; funded effort – 30% (PI: B. Issenberg)
 Amount: \$2,777,493 (100% Direct)
 Dates: 07/01/2010 - 06/30/2011
28. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMDWA
 Title: Army Trauma Training Center GCRME Training and Simulation Use
 Role: Subaward Co-Principal Investigator – GCRME (PI: J. Augenstein)
 Amount: \$114,773 (36% Indirect)
 Dates: 10/01/2009 – 09/30/2010
29. Source: State of Florida Department of Health (COBHF)
 Title: “Competency-based training for Weapons of Mass Destruction and All Hazards Incidents.”
 Role: Principal Investigator; funded effort – 25%
 Amount: \$280,000 (90% Direct, 10% Indirect)
 Dates: 08/09/2009 – 12/31/2009
30. Source: State of Florida Department of Education
 Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
 Role: Co-Investigator; funded effort – 30% (PI: B. Issenberg)
 Amount: \$2,277,493 (100% Direct)
 Dates: 07/01/2009 – 06/30/2010
31. Source: Miami Urban Area Security Initiative, Department of Homeland Security
 Title: “Emergency Response to Terrorism Training for First Responders”
 Role: Principal Investigator
 Amount: \$250,000 (100% Direct)
 Dates: 02/01/2009-02/28/2010
32. Source: The Ethel and W. George Kennedy Family Foundation
 Title: “Develop and Disseminate a Web-based Training Program on Acute Stroke.”
 Role: Principal Investigator; funded effort – 5%
 Amount: \$25,000 (100% Direct)
 Dates: 01/01/2009 – 12/31/2010
33. Source: The Laerdal Foundation for Acute Medicine
 Title: “Development of Best Evidence Medical Education (BEME) Reviews and Practical Guides on the Use of Simulation for Training and Assessment.”
 Role: Co-Investigator; funded effort – 10% (PI: M. Gordon)
 Amount: \$174,000 (100% Direct)
 Dates: 01/01/2009 – 12/31/2009

34. Source: State of Florida Department of Health (COBHF)
Title: "Competency-based training for Weapons of Mass Destruction and All Hazards Incidents."
Role: Principal Investigator; funded effort – 25%
Amount: \$510,000 (90% Direct, 10% Indirect)
Dates: 08/11/2008 – 08/08/2009
35. Source: State of Florida Department of Education
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Investigator; funded effort – 40% (PI: B. Issenberg)
Amount: \$2,776,000 (100% Direct)
Dates: 07/01/2008 – 06/30/2009
36. Source: State of Florida Department of Health (COBG1)
Title: "Florida Mass Casualty Triage Training Program for Prehospital Providers."
Role: Co-Principal Investigator; funded effort -10 % (PI: B. Issenberg)
Amount: \$270,000 (90% Direct, 10% Indirect)
Dates: 04/09/2008 – 08/30/2008
37. Source: Miami Urban Area Security Initiative, Department of Homeland Security
Title: "Emergency Response to Terrorism Training for First Responders"
Role: Principal Investigator
Amount: \$250,000 (100% Direct)
Dates: 02/01/2008 - 02/28/2009
38. Source: State of Florida Department of Health (COBG1)
Title: "Competency-based training for Weapons of Mass Destruction and All Hazards Incidents."
Role: Co-Principal Investigator; funded effort – 25% (PI: B. Issenberg)
Amount: \$600,075 (90% Direct, 10% Indirect)
Dates: 08/31/2007 – 08/08/2008
39. Source: Health Foundation of South Florida
Title: "First Responder Training and Equipment"
Role: Co-Principal Investigator; funded effort – 0% (PI: B. Issenberg)
Amount: \$150,000 (100% Direct)
Dates: 07/01/2007 – 06/30/2008
40. Source: State of Florida Department of Education
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Investigator; funded effort – 30% (PI: B. Issenberg)
Amount: \$3,277,600 (100% Direct)
Dates: 07/01/2007 – 06/30/2008

41. Source: US Department of the Army – Telemedicine and Advanced Technology Research Center. DAMD W81k04-05-P-003
Title: Online Simulations for the Army Trauma Training Center," Sponsored by United States Army
Role: Co-Investigator; funded effort – 5% (PI: J. Augenstein)
Amount: \$114,773 (36% Indirect)
Dates: 07/01/2007 – 06/30/2008
42. Source: Miami Urban Area Security Initiative, Department of Homeland Security
Title: "Emergency Response to Terrorism Training for First Responders"
Role: Co-Principal Investigator (PI: B. Issenberg)
Amount: \$250,000 (100% Direct)
Dates: 03/01/2007 - 01/31/2008
43. Source: State of Florida Department of Health (COBC8)
Title: "Catastrophic Incident Response Training."
Role: Co-Investigator; funded effort – 15 % (PI: B. Issenberg)
Amount: \$840,075 (90% Direct, 10% Indirect)
Dates: 08/31/2006 – 08/08/2008
44. Source: State of Florida Department of Education
Title: Medical Training and Simulation Laboratory at the University of Miami Center for Research in Medical Education.
Role: Co-Investigator; funded effort – 40% (PI: B. Issenberg)
Amount: \$3,000,000 (100% Direct)
Dates: 07/01/2006 – 06/30/2007 (Active Dates from Hire: 02/01/2007-06/30/2007)

22. Editorial Responsibilities/Editorial Review Boards:

Journal:

BMC Medical Education	2024-Present
Academic Emergency Medicine Education & Training	2024-Present
Advances in Health Sciences Education	2013-Present
Journal of Public Health Policy	2008-Present
AAMC MedEd Portal	2008-Present
Medical Teacher	2007-Present
Journal of Emergency Medicine	2007-Present
Simulation in Healthcare	2007-Present

Conference Abstracts:

AHA Scientific Sessions	2026-Present
Society in Europe for Simulation in Medicine (SESAM)	2025-Present
International Meeting on Simulation in Healthcare	2012-Present

AAMC Southern Group on Educational Affairs Annual Meeting	2013-2014
Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions	2009-2011

23. Professional and Honorary Organizations & Leadership Roles:

• Artificial Intelligence and Healthcare Simulation Collaborative Education and Certification Committee	2026-Present
• American Heart Association, Fellow	2026-Present
• AHA Stroke Council, Stroke Membership Committee	2026-Present
• AHA Go Red Women in Science and Medicine Committee of the Council Operations Committee	2026-Present
• Society for Simulation in Healthcare International Meeting on Simulation – Content Team Lead, Fellows Track	2026-Present
• Society for Academic Emergency Medicine, Academy of Women in Academic Emergency Medicine - Research Committee	2025-Present
• Society in Europe for Simulation Applied to Medicine Annual Congress - Scientific Committee	2025-2026
• Florida Stroke Registry and Coalition, Education Core Committee	2024-Present
• Society for Simulation in Healthcare International Meeting on Simulation – Content Team Co-Chair of the Administrator Content Track – 2023, 2024, 2025	2023-Present
• Society for Simulation in Healthcare Academy, Fellow Committee for Master Courses and Committee for FSSH IMSSH Track	2021-Present
• Harvard Affiliated Emergency Medicine Residency LatinX Group	2021-Present
• Society for Simulation in Healthcare – Visioning Taskforce for the International Meeting on Simulation in Healthcare	2021-2025
• American Heart Association, Volunteer Subject Matter Expert in Stroke	2020-Present
• Society for Simulation in Healthcare International Meeting on Simulation – Content Team Co-Chair of the Educator Content Track – 2020, 2021, 2022	2019-2022
• American Board of Emergency Medicine (ABEM), Oral Examination Certifying Examiner	2018-Present
• Simulation Education and Research Group Member (Collaborative between Northwestern, Harvard, Drexel and UM Gordon Center)	2017-2020
• AAMC Group on Women in Medicine and Science, Medical School Representative	2014-2017
• The International Nursing Association for Clinical Simulation & Learning, Interprofessional Education Standards Sub-Committee, Appointed Member	2014-2015
• Blackman Research Collaborative for Simulation Research	2014-2015
• Peer-Review Committee Co-chair, AAMC Southern Group on Educational Affairs Annual Meeting 2014	2013-2014
• Board Member, Simulation Academy, Society for Academic Emergency Medicine	2012-2014
• Board of Directors, Health Foundation of South Florida	2012-2017
• Advisory Board Member, Florida Healthcare Simulation Alliance	2012-2016

(Research Committee Chair- 2014-2016)

- Florida Department of Health Bureau of Emergency Medical Services – 2012-2016
Emergency Medical Review Committee Appointment- Researcher Position
- American Academy of Emergency Medicine 2010-Present
- National Association of EMS Physicians 2010-Present
- National Association of EMS Educators 2010-Present
- Florida Association of EMS Educators 2010-Present
- Florida Bureau of EMS Stroke and STEMI Task Forces 2010-2018
- American College of Emergency Physicians, Fellow 2008-Present
- Society for Simulation in Healthcare 2007-Present
(Sections/Affinity Groups: Emergency Medicine, Directors,
Emergency Medicine Services, Patient Safety and Simulation, IPE, COVID-19)
- SAEM National Affairs Committee, Appointed Member 2004-2005
- SAEM Diversity Committee, Appointed Member 2003-2004
- Public Health Committee, Massachusetts College of Emergency Physicians 2003-2005
- Society for Academic Emergency Medicine (SAEM) 2000- Present
(Academies: Simulation, AWAEM, Interest Groups: Airway, Resuscitation,
Disaster Medicine, EMS, Neurologic Emergencies, Trauma, Uniformed Services)
- American College of Emergency Physicians, Member 2000-Present
- Massachusetts Medical Society 2000-2010
- Emergency Medicine Residency Association, Member 2000-2004
- Student National Medical Association, Member & Residency Recruiter 2001-2004
- American Medical Women's Association 1997-Present

24. Honors and Awards:

- Elected Fellow of the American Heart Association (April 2026)
- UHealth Faculty MVP Award for Outstanding Education Engagement. Department of Surgery. (June 2025)
- Outstanding Achievement in Support of the White House Medical Unit and President of the United States. Simulation Training Program for WHMU teams. (2025)
- Excellence in Healthcare – “Guts and Grit” Award for impact on stroke education for healthcare professionals globally and dedication to improving patient outcomes. Greater Fort Lauderdale Chamber of Commerce. (November 21, 2024)
- UHealth Faculty MVP Award for Outstanding Education Engagement. Department of Surgery. (October 30, 2024)
- South Florida Hispanic Chamber of Commerce 2024 Hispanic Leadership Awards: Healthcare Leader Award. (April 5, 2024)
- UHealth Faculty MVP Award for Outstanding Education Engagement, Department of Surgery. (November 2023)

- Achievement Award for successfully completing the Leadership Education and Academic Development (LEAD) Program at the UMMSM/UHealth (Chosen as a UMMSM Leader to participate in the one-year program). (April 21, 2023)
- Elected Fellow of the Society for Simulation in Healthcare. (January 2021).
- Outstanding Achievement in Support of the White House Medical Unit and President of the United States. (April 30, 2021)
- University of Rochester School of Medicine “Latina Alumna of Distinction” Award. (March 29, 2019)
- Women in Academic Medicine “Excellence in Leadership” Award. (January 23, 2017)
- Certificate of Appreciation for Outstanding Service– White House Medical Unit. Simulation Training for WHMU teams. (2017)
- Women in Academic Medicine “Excellence in Service” Award. (May 13, 2016)
- Scientists and Engineers Expanding Diversity and Success (SEEDS) You Choose Leadership Award “Women in Academic Medicine Professional Development.” (2016)
- Outstanding Achievement in Support of the White House Medical Unit and President of the United States. Simulation Training for WHMU teams. (2015)
- Scientists and Engineers Expanding Diversity and Success (SEEDS) You Choose Leadership Award “Women in Academic Medicine and SEEDS Speed Mentoring CV Review for Assistant Professors.” (2015)
- Simulation in Healthcare 2nd Place Award winner for Abstract in Technology Innovation Category. High-fidelity Hybrid Simulator for Interprofessional Trauma Team Training. (2015)
- Selected to represent UMMSM at the American Association of Medical Colleges (AAMC) Mid-Career Women Faculty Leadership Development Seminar. (2014)
- Certificate of Appreciation for Outstanding Service - INACSL Standards IPE Subcommittee. (2014)
- University of Miami Miller School of Medicine – “Women Who have Impacted our Community” – Women’s History Month Recognition. (2014)
- Abstract selected for Best Original Resuscitation Science Poster Session. American Heart Association Resuscitation Science Symposium. Titled: The Impact of Rapid Response Team Training on Team Dynamics and Provider Self-Confidence. (November 2011)
- Nominated to Represent the University of Miami in Research Competition (Limited submission nominee for the Robert Wood Johnson Foundation Physician Faculty Scholars program for research on the Miami Emergency Neurologic Deficit (MEND) exam). (2008)
- South Florida’s Super Doctors, Emergency Medicine. Nominated by medical professionals as an emergency physician who they would choose for their own care. Super Doctors Magazine, South Florida Edition. (2009, 2010, 2011, 2012)
- Elected Fellow of the American College of Emergency Physicians. (January 2008).
- Public Health Trust/Jackson Health System Achiever Award, University of Miami/Jackson Memorial Hospital. (2006)

- Maryanne Povinelli, MD Humanism Award, Harvard Affiliated Emergency Medicine Residency. (2003)
- The Society for Academic Emergency Medicine, Medical Student Excellence in Emergency Medicine Award. "Awarded to a senior student who has demonstrated outstanding proficiency and contributions in Emergency Medicine." University of Rochester School of Medicine. (2000)
- Alpha Omega Alpha Medical Honor Society, University of Rochester School of Medicine. (1999)
- Dean's Letter of Commendation for Outstanding Academic Performance, University of Rochester School of Medicine. (1996-1997, 1997-1998)
- National Institutes of Health Summer Research Fellowship. (1997)
- Dean's List, Columbia College. (1993, 1994, 1995)
- Summer Undergraduate Research Fellowship, Columbia College. (1993)

25. Post-Doctoral Fellowships:

- Commonwealth Fund/Harvard University Fellowship in Minority Health Policy Health Policy, Health Disparities, Leadership, and Management
Boston, MA
7/2004-6/2005

26. Other Professional Activities (Invited Speaker and National/International Presentations):

*Note: This is not a comprehensive list of all presentations and teaching activities. Included here are invited presentations, and presentations for national and international audiences. For additional presentations and teaching activities, please refer to section 29 – *Teaching Specialization* and the separate, more comprehensive *Educator Portfolio*.

2026

1. Grand Rounds Speaker. Inaugural Lecture for the Diploma in Simulation-based Teaching. "In Situ Simulation for Patient Safety and Acute Critical Events: From Training to Translational Simulation." Universidad Autónoma de Chile. Virtual. July 27, 2026. (International)
2. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. 2026: July 27, May 18, April 27, February 23, January 26. (National)
3. Session Faculty. "When the Manikin Talks Back: Leveraging Conversational AI to Improve Simulation Realism." SimOps Annual Meeting. Tampa, FL. July 16, 2026. (National)
4. Workshop Faculty. "Smarter Sim Centers: Stop Managing Chaos, Let AI Adapt to Your Operations." SimOps Annual Meeting. Tampa, FL. July 16, 2026. (National)
5. Course Director and Faculty. "Rapid Sequence Intubation and Airway Management for EMS." Miami Dade Fire Rescue Captains. Miami, FL. July 13, 2026. (Regional)

6. Workshop Director and Faculty. "Psychological Safety in Simulation-based Healthcare Education: What Is It and Why Is It Important?" UM Gordon Center Instructor and Simulation Technologist Semiannual Meeting. Miami, FL. June 30, 2026. (Regional)
7. Oral Presenter. "Development and Global Implementation of Essential Stroke Life Support: An Online Adaptive Learning Virtual Simulation Course for Stroke." 31st Annual Meeting of the Society for Simulation in Europe (SESAM). Lyon, France. June 19, 2026. (International)
8. Oral Presenter. "Capacity Building and Knowledge Exchange Between Simulation and Stroke Care: Needs, Insights and Future Directions." 31st Annual Meeting of the Society for Simulation in Europe (SESAM). Lyon, France. June 18, 2026. (International)
9. Oral Presenter. "International Impact of the Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, and Management of Stroke Patients." 31st Annual Meeting of the Society for Simulation in Europe (SESAM). Lyon, France. June 18, 2026. (International)
10. Workshop Director and Faculty. "From Idea to Impact: Designing and Sustaining Simulation-Based Quality Improvement Programs." 31st Annual Meeting of the Society for Simulation in Europe (SESAM). Lyon, France. June 17, 2026. (International)
11. Session Chair. "Scientific ePosters Session in Spanish." 31st Annual Meeting of the Society for Simulation in Europe (SESAM). Lyon, France. June 17, 2026. (International)
12. Workshop Director and Faculty. "EMS Point of Care Ultrasound Workshops (2)." First There First Care & Gathering of Eagles Conference. Broward County, FL. June 1, 2026. (International)
13. Panel Speaker. "Transforming Outcomes for Patients with Stroke via ASLS & ESLS Training." American Heart Association Webinar. Virtual. May 20, 2026. Participants: 1,268 throughout US. (National)
14. Workshop Faculty. Gender Equity in the Emergency Medicine Workforce: Key Articles From 2025 (Co-sponsored by ADIEM and AWAEM). Society for Academic Emergency Medicine. Atlanta, GA. May 20, 2026. (National)
15. Podcast Speaker. "Stroke Readiness: Innovation Through Simulation-based Training." Becker's Healthcare Podcast. May 18, 2026. (International)
<https://podcasts.apple.com/us/podcast/stroke-readiness-innovation-through-simulation-based/id1452376188?i=1000768719922>
16. Invited Plenary Speaker. "AI Meets Simulation: Transforming How We Train the Next Generation." eMerge Americas Global Tech Conference. Miami, FL. April 23, 2026. (International)
17. Keynote Panel Speaker. "Simulation Saves Lives Keynote Panel." Laerdal Simulation User Network Conference. Atlanta, GA. March 25, 2026. (National)
18. Plenary Speaker. "Harnessing Interprofessional Simulation to Strengthen Systems and Improve Patient Outcomes." Laerdal Simulation User Network Conference. Atlanta, GA. March 24–25, 2026. (National)
19. Course Co-Director and Faculty. "Advanced Disaster Life Support Course." Miami, FL. March 5–6, 2026. (International)
20. Course Co-Director and Faculty. "Basic Disaster Life Support Course." Miami, FL. March 4, 2026. (International)

21. Grand Rounds Speaker. "Simulación In Situ para la Seguridad del Paciente y Eventos Críticos Agudos: De la Formación a la Simulación Traslacional." The Ecuadorian Simulation Society. Virtual. March 4, 2026. (International)
22. Grand Rounds Speaker. "The Conversations that Drive Performance: Effective Feedback and Debriefing in Academic Surgery." Surgical Grand Rounds, DeWitt Daughtry Family Department of Surgery, University of Miami Miller School of Medicine. Miami, FL. February 26, 2026. (Regional)
23. Panel Speaker. "UMMSM First Generation Medicine Panel – Career Paths in Medicine." University of Miami Miller School of Medicine. Miami, FL. February 20, 2026. (Regional)
24. Course Director and Faculty. "Feedback and Debriefing Essentials Course." Miami, FL. February 17, 2026. (Regional)
25. Oral Presenter. "Development and Implementation of Essential Stroke Life Support®: An Online Virtual Simulation Course." American Heart Association/American Stroke Association International Stroke Conference 2026. New Orleans, LA. February 4, 2026. (International)
26. Workshop Faculty. "Debriefing Doesn't Always Work! Know When to Teach, Coach, or Debrief by Implementing 'With Good Judgment' Across the SimZones." 26th Annual International Meeting on Simulation in Healthcare (IMSH). San Antonio, TX. January 12, 2026. (International)
27. Oral Presenter. "Development and Implementation of Essential Stroke Life Support: An Online Virtual Simulation Course." 26th Annual International Meeting on Simulation in Healthcare (IMSH). San Antonio, TX. January 12, 2026. (International)
28. Panel Speaker. "Simulation Fellow Shark Tank: Real Problems, Real Pitches, Real Solutions." 26th Annual International Meeting on Simulation in Healthcare (IMSH). San Antonio, TX. January 12, 2026. (International)
29. Workshop Faculty. "Psychological Safety First Aid: How to Recover When a Meeting, Debriefing, or Feedback Conversation Goes Sideways." 26th Annual International Meeting on Simulation in Healthcare (IMSH). San Antonio, TX. January 12, 2026. (International)
30. Plenary Speaker. "ASLS and ESLS: Innovative Stroke Education Programs Leveraging AI-driven Mastery and Adaptive Learning and Virtual Simulations." 26th Annual International Meeting on Simulation in Healthcare (IMSH). San Antonio, TX. January 11, 2026. (International)

2025

31. Course Director and Faculty. EMS Point of Care Ultrasound Course for City of Miami Fire Rescue Captains and Chiefs. Miami, FL. December 17–18, 2025. (Regional)
32. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. 2025: December 15, September 22, August 18, July 28, May 19, April 28, February 24. (National)
33. Plenary Speaker. "American Heart Association 2025 Resuscitation Guidelines Update." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 4–5, 2025. (Regional)
34. Plenary Speaker. "Advances in Prehospital Stroke Care: Emerging Technologies, Education & Best Practices Workshop." Society for Vascular Interventional Neurology Annual Meeting. Orlando, FL. November 22, 2025. (International)

35. Course Director and Faculty. "Advanced Stroke Life Support for Prehospital and Hospital Providers Instructor Essentials Course." Miami, FL. November 6, 2025. (National)
36. Course Director and Faculty. "Advanced Stroke Life Support for Prehospital and Hospital Providers Provider Course." Miami, FL. November 5, 2025. (National)
37. Plenary Speaker and Faculty. "Thermal Injuries Presentation and Disability and Adjuncts Skills Station." Advanced Trauma Life Support Provider Course. Miami, FL. October 15, 2025. (National)
38. Keynote Speaker. "Disaster Response Training for Disaster Readiness – UM Gordon Center Programs." AshBritt Foundation University of Miami Site Visit. Miami, FL. September 5, 2025. (National)
39. Course Director and Faculty. "Acute Coronary Syndromes & 12-Lead ECG Interpretation Provider Course." Miami, FL. September 4, 2025. (Regional)
40. Keynote Co-Presenter. "Strategies to Improve Stroke Awareness." Florida Stroke Registry 13th Annual Stakeholder Meeting. Tampa, FL. August 21, 2025. (National)
41. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Part 2." Florida Stroke Registry 13th Annual Stakeholder Meeting. Tampa, FL. August 21, 2025. (National)
42. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. July 31, 2025. (National)
43. Presenter. "Simulation Center Design." Universidad de Murcia. Remote. July 17, 2025. (International)
44. Presenter. "UM Gordon Center Impact on ASLS Blended Learning Dissemination." American Heart Association Stroke Education Programs Quarterly Meeting. Remote. July 15, 2025. (International)
45. Course Director and Faculty. "Psychological Safety in Simulation-based Healthcare Education: What Is It and Why Is It Important?" UM Gordon Center Instructor and Simulation Technologist Semiannual Meeting. Miami, FL. July 8–9, 2025. (Regional)
46. Session Chair. "E-Posters Session on Quality Assurance, Faculty Development and Program Evaluation." 30th Annual Congress of the Society for Simulation in Europe (SESAM). Valencia, Spain. June 27, 2025. (International)
47. Plenary Speaker. "The History and Accomplishments of the SESAM Simulation University." 30th Annual Congress of the Society for Simulation in Europe (SESAM). Valencia, Spain. June 27, 2025. (International)
48. Workshop Faculty. "Debriefing Doesn't Always Work! Know When to Teach, Coach, or Debrief by Implementing With Good Judgment Across the SimZones." 30th Annual Congress of the Society for Simulation in Europe (SESAM). Valencia, Spain. June 27, 2025. (International)
49. Session Chair. "Short Communications on Extended Reality, AI and Virtual Simulation Modalities, Curriculum Development and Assessment, Interprofessional/Team Education and Training, Debriefing, and Research Methodology in Spanish." 30th Annual Congress of the Society for Simulation in Europe (SESAM). Valencia, Spain. June 27, 2025. (International)
50. Simulation Faculty. SESAM Simulation University. 30th Annual Congress of the Society for Simulation in Europe (SESAM). Valencia, Spain. June 25, 2025. (International)

51. Workshop Director and Faculty. "EMS Point of Care Ultrasound Workshops (2)." First There First Care & Gathering of Eagles Conference. Hollywood, FL. June 9, 2025. (International)
52. Course Co-Director and Faculty. "Advanced Stroke Life Support Blended Learning for Prehospital and Hospital Providers Provider and Instructor Courses." Tokyo, Japan. May 29–June 1, 2025. (International)
53. Course Director and Faculty. "EMS Point of Care Ultrasound Course" for Miami Beach Fire Rescue Captains and Leaders. Miami, FL. May 27, 2025. (Regional)
54. Course Co-Director and Faculty. "Feedback and Debriefing in Healthcare Education." UM Gordon Center Instructor and Simulation Technologist Onboarding. Miami, FL. May 16, 2025. (Regional)
55. Course Co-Director and Faculty. "Rapid Response Team Training for UHealth Personnel." Miami, FL. May 13, 2025. (Regional)
56. Course Director and Faculty. "Advanced Stroke Life Support for Prehospital and Hospital Providers Instructor Essentials Course." Miami, FL. May 6, 2025. (National)
57. Course Director and Faculty. "Advanced Stroke Life Support for Prehospital and Hospital Providers Provider Course." Miami, FL. May 5, 2025. (National)
58. Course Director and Faculty. "Feedback and Debriefing Essentials Course." Miami, FL. April 22, 2025. (Regional)
59. Grand Rounds Speaker. "Authentic and Impactful Conversations: Growth, Connection, and Resilience in Academic Medicine." 5th Annual Eric S. Nadel, MD Lecture. Harvard Affiliated Emergency Medicine Residency, Department of Emergency Medicine, Mass General Brigham. Boston, MA. April 9, 2025. (National)
60. Course Co-Director and Faculty. "Pediatric Advanced Life Support with Protocol Review and Simulation Scenarios for Emergency Medical Services." Miami, FL. March 12–13, 2025. (Regional)
61. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. March 6–7, 2025. (National)
62. Podcast Speaker. "Beating the Clock – How Innovation & Education Are Transforming Stroke Care." One Million Lives Podcast, A Laerdal Podcast. Episode 21. February 18, 2025. (International). <https://laerdal.com/us/information/one-million-lives-podcast/>
63. Course Co-Director and Faculty. "Acute Coronary Syndromes and 12-Lead ECG Interpretation Provider Course." Miami, FL. January 28–29, 2025. (Regional)
64. Plenary Speaker. "Shock Trauma Presentation and Pediatric Airway Management Skills Station." Advanced Trauma Life Support Provider Course. Miami, FL. January 15, 2025. (National)
65. Oral Presenter. "The Impact of the Advanced Stroke Life Support® Simulation-Enhanced Course on Knowledge, Diagnosis, Management & Care of Stroke Patients." 25th Annual International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 13, 2025. (International)
66. Workshop Faculty. "Simulation and Medical Education Research Speed Mentoring Workshop." 25th Annual International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 13, 2025. (International)
67. Workshop Faculty. "Psychological Safety First Aid: The Art and Science of Repairing Breaches to Psychological Safety." 25th Annual International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 12, 2025. (International)

68. Workshop Faculty. "Crafting a Compelling Grant Proposal: Essentials for Beginners." 25th Annual International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 12, 2025. (International)

2024

69. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. December 16, 2024. (National)
70. Course Director and Faculty. "Rapid Sequence Intubation for Emergency Medical Services." Miami, FL. December 10–12, 2024. (Regional)
71. Workshop Director and Faculty. "EMS Point of Care Ultrasound Workshop." Miami Dade Fire Rescue EMS Symposium. Doral, FL. November 19, 2024. (National)
72. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. November 18, 2024. (National)
73. Simulation Faculty. "Advanced Trauma Life Support Student Refresher Course." Miami, FL. November 13, 2024. (National)
74. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Intraoperative Malignant Hyperthermia." In-situ simulation in operating rooms. UHealth Doral Medical Center. Miami, FL. November 12, 2024. (Regional)
75. Plenary Speaker. "Advanced Stroke Life Support Blended Learning Program for Healthcare Professionals." American Heart Association National Emergency Cardiovascular Care Training Network Conference. Chicago, IL. September 26, 2024. (National)
76. Presenter. "5-Year Overview and Impact Presentation on the Gordon Center for Simulation and Innovation in Medical Education." University of Miami Centers and Institutes Summit. Miami, FL. September 4, 2024. (Regional)
77. Panel Speaker. "Advanced Stroke Life Support (ASLS) Introductory Webinar." American Heart Association Webinar. Participants: 68 throughout US. August 21, 2024. (National)
78. Course Co-Director and Faculty. "Advanced Stroke Life Support Blended Learning for Prehospital and Hospital Providers Provider and Instructor Courses." Johannesburg, South Africa. Participants: 24 Instructor Candidates and 27 Providers. July 15–17, 2024. (International)
79. Plenary Speaker. "Impact of the ASLS Blended Learning Curriculum Nationally and Globally 2022–2024." American Heart Association–UM Gordon Center Stroke Education Programs Annual Strategic Planning Meeting. Miami, FL. July 11, 2024. (National)
80. Workshop Director and Faculty. "UM Acute Stroke Workshops (2)." First There First Care & Gathering of Eagles Conference. Hollywood, FL. June 11, 2024. (International)
81. Workshop Director and Faculty. "EMS Point of Care Ultrasound Workshops (2)." First There First Care & Gathering of Eagles Conference. Hollywood, FL. June 10, 2024. (International)
82. Course Director and Faculty. "Advanced Stroke Life Support for Hospital Providers Instructor Course" for Instituto Nacional de Neurología y Neurocirugía. Mexico City, Mexico. June 6–8, 2024. (International)
83. Panel Speaker. "Advanced Stroke Life Support (ASLS) Introductory Webinar." American Heart Association Webinar. Participants: 33 throughout US. May 29, 2024. (National)

84. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. April 22, 2024. (National)
85. Simulation Faculty. "Healthcare Simulation Essentials: Design and Debriefing Course." Center for Medical Simulation, Harvard Medical School. Virtual. April 15–19, 2024. (International)
86. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. March 18, 2024. (National)
87. Panel Speaker. "Methodological Approach to Stroke Identification, Management, and Systems of Care in Advanced Stroke Life Support." American Heart Association Webinar. Participants: 187 throughout US. March 13, 2024. (National)
88. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Intraoperative Malignant Hyperthermia." In-situ simulation in the health system. Sylvester Comprehensive Cancer Center. Miami, FL. March 7, 2024. (Regional)
89. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. February 26, 2024. (National)
90. Plenary Speaker. "Acute Critical Events Simulation for Health Systems – Introduction to In-Situ Simulation." Sylvester Comprehensive Cancer Center. Miami, FL. February 22, 2024. (Regional)
91. Panel Speaker. "Methodological Approach to Stroke Identification, Management, and Systems of Care in Advanced Stroke Life Support." American Heart Association Webinar. Participants: 24 from Pilot ETCs throughout US. February 14, 2024. (National)
92. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Provider Course." Preconference Course at the International Stroke Conference. Phoenix, AZ. February 5, 2024. (National)
93. Presenter. "A History of the UM Gordon Center and Training Programs for EMS." Accreditation Site Visit of the Commission on Accreditation for Prehospital Continuing Education (CAPCE). Virtual. January 31, 2024. (National)
94. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. January 29, 2024. (National)
95. Workshop Faculty. "Establishing, Sustaining, and Repairing Psychological Safety in Simulation-Based Learning." 24th Annual International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 23, 2024. (International)
96. Workshop Faculty. "Submitting a Compelling Grant Workshop." 24th Annual International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 22, 2024. (International)
97. Workshop Faculty. "Reflection on Reflection: Developing Your Feedback, Debriefing, and Mentoring Abilities." 24th Annual International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 20, 2024. (International)
98. Panel Speaker. "Methodological Approach to Stroke Identification, Management, and Systems of Care in Advanced Stroke Life Support." American Heart Association ASLS International Webinar. Participants: 143 from healthcare systems in 19 countries. January 17, 2024. (International)
99. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. January 11–12, 2024. (National)

2023

100. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. November 27, 2023. (National)
101. Simulation Faculty. "Advanced Neuroendovascular Surgery Fellow's Course: Management of Hemorrhagic Complications and Herniation: Case-Based Simulations." Society for Vascular Interventional Neurology Annual Meeting. Miami Beach, FL. November 16, 2023. (International)
102. Workshop Director and Faculty. "Point of Care Ultrasound for EMS." North American Rescue Vehicle Association Annual International Rescue Challenge and Firefighter Seminar. Miami, FL. November 13, 2023. (International)
103. Course Director and Faculty. "Rapid Response Team Training for UHealth Personnel." Miami, FL. November 9, 2023. (Regional)
104. Course Co-Director and Faculty. "First Five Minutes for UHealth Personnel and UHealth Nursing Residents." Miami, FL. November 7, 2023. (Regional)
105. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Provider Course." Miami, FL. October 30, 2023. (National)
106. Course Director and Faculty. "Feedback and Debriefing Essentials Course." Miami, FL. September 21 and 28, 2023. (Regional)
107. Simulation Faculty. "Advanced Trauma Life Support Course." Miami, FL. September 20, 2023. (National)
108. Course Director and Faculty. "Rapid Sequence Intubation for Emergency Medical Services." Miami, FL. September 18, 2023. (Regional)
109. Course Co-Director. "Central Venous Catheter Insertion Assessment for Incoming Surgery Critical Fellows." Miami, FL. August 17, 2023. (Regional)
110. Course Co-Director and Faculty. "First Five Minutes for UHealth Personnel and UHealth Nursing Residents." Miami, FL. August 8, 2023. (Regional)
111. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. July 24, 2023. (National)
112. Course Director and Faculty. "EMS Point of Care Ultrasound." Leon County EMS and Tallahassee Fire Rescue. Tallahassee, FL. Participants: 32. July 11–12, 2023. (Regional)
113. Workshop Director and Faculty. "Debriefing with Good Judgement." UM Gordon Center Instructor Workshop. Miami, FL. June 27 and 29, 2023. (Regional)
114. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 6 states and the US Veterans Administration (FL, KY, OK, MI, MO, RI). June 22, 2023. (National)
115. Workshop Director and Faculty. "Airway Management Skills Workshop for EMS and Emergency Providers." First There First Care & Gathering of Eagles Conference. Hollywood, FL. June 14, 2023. (International)
116. Workshop Director and Faculty. "Airway Management Simulation Scenario Workshop." First There First Care & Gathering of Eagles Conference. Hollywood, FL. June 14, 2023. (International)
117. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. June 12, 2023. (National)

118. Course Director and Faculty. "Advanced Stroke Life Support for Hospital Providers Instructor Course" for Instituto Nacional de Neurología y Neurocirugía. Virtual. Participants: 8 Instructor Candidates from Neurology and Vascular Neurology in Mexico. June 7, 2023. (International)
119. Oral Presenter. "Impact of the Advanced Stroke Life Support® Course on Knowledge, Diagnosis, and Management of Stroke Patients." Society for Academic Emergency Medicine Annual Meeting Lightning Oral. Austin, TX. May 18, 2023. (International)
120. Workshop Faculty. "Time Budget Design: Reallocate Your Most Valuable Resource to Work More Efficiently in Academic Medicine." Society for Academic Emergency Medicine Annual Meeting (SAEM). Austin, TX. May 17, 2023. (International)
121. Workshop Faculty. "The Art of Asking Questions as a Gateway to Effective Feedback." Society for Academic Emergency Medicine Annual Meeting (SAEM). Austin, TX. May 17, 2023. (International)
122. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Dubai Academic Health Corporation Training and Simulation Center. Dubai, United Arab Emirates. Participants: 51 healthcare professionals from 22 countries. May 8–10, 2023. (International)
123. Panel Speaker. "Advanced Stroke Life Support Blended Learning for Instructors and Faculty." American Heart Association Webinar. Participants: 263 throughout US. May 3, 2023. (National)
124. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. April 24, 2023. (National)
125. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 7 states (ID, MA, MN, MO, VA, WA, WI). April 11, 2023. (National)
126. Plenary Speaker. "Methodological Approach to Stroke Identification, Management, and Systems of Care in Advanced Stroke Life Support." Terzo Congresso Nazionale Emergenza Urgenza. Florence, Italy. March 31, 2023. (International)
127. Panel Speaker. "Impact of Stroke Training Programs on Stroke Systems of Care and Patient Outcomes." Terzo Congresso Nazionale Emergenza Urgenza. Florence, Italy. April 1, 2023. (International)
128. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. February 27, 2023. (National)
129. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. January 23, 2023. (National)
130. Panel Speaker. "Advanced Stroke Life Support Blended Learning for Instructors and Faculty." American Heart Association Webinar. Participants: 229 throughout US. January 19, 2023. (National)
131. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. January 12 and March 16, 2023. (Regional)
132. Course Director and Faculty. "Critical Events Simulation for Emergency Medical Services." UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. March 13, 2023. (Regional)

133. Panel Speaker. "Advanced Stroke Life Support Blended Learning for Florida State College Programs." Virtual. March 2, 2023. (Regional)
134. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. February 28, 2023. (National)
135. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." American Heart Association National Headquarters. Dallas, TX. February 7, 2023. (National)
136. Simulation Faculty. "Healthcare Simulation Essentials: Design and Debriefing Course." Center for Medical Simulation, Harvard Medical School. Virtual. Participants from 9 institutions in the US, Austria, Canada, Australia, China, and UAE. February 6–10, 2023. (International)
137. Workshop Faculty. "Submitting a Compelling Grant Workshop." 23rd Annual International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 24, 2023. (International)
138. Workshop Faculty. "Simulation and Medical Education Research Speed Mentoring Workshop." 23rd Annual International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 23, 2023. (International)

2022

139. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 5 states (AK, MS, NC, PA, VA). December 2, 2022. (National)
140. Plenary Speaker. "Effective Prebriefing for Simulation Education Success." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. November 29 and December 1, 2022. (Regional)
141. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. July 29, October 3, and November 9, 2022. (Regional)
142. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 4 states (CA, CO, FL, NC). October 28, 2022. (National)
143. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. October 25–26, 2022. (National)
144. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Intraoperative Hemorrhagic Shock." In-situ simulation in the health system. Lennar Foundation Medical Center OR. Miami, FL. October 20, 2022. (Regional)
145. Workshop Faculty. "Practical Research in Medical Education." University of Miami Physical Medicine and Rehabilitation Faculty and Residents. Miami, FL. October 6 and 27, 2022. (Regional)
146. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 6 states (AR, CA, FL, ND, TN, TX). September 30, 2022. (National)
147. Plenary Speaker. "Effective Feedback and Skills Station Teaching." Angels Foundation Faculty Development Symposium in Stroke Education. Budapest, Hungary. September 19, 2022. (International)

148. Course Director and Faculty. "Advanced Stroke Life Support Angels Provider and Instructor Courses." Budapest, Hungary. Participants: 30 healthcare professionals from 7 European countries. September 19–20, 2022. (International)
149. Panel Speaker. "The Advanced Stroke Life Support Blended Learning Discipline." American Heart Association Webinar. Participants: 703 throughout US. September 14, 2022. (National)
150. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – MI/VFib Arrest and Malignant Hyperthermia Intraoperative." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. September 8, 2022. (Regional)
151. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 6 states (FL, GA, MO, MT, NC, TN). August 31, 2022. (National)
152. Panel Speaker. "The Advanced Stroke Life Support Blended Learning Discipline." American Heart Association Webinar. Participants: 697 throughout US. August 30, 2022. (National)
153. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. August 29, 2022. (National)
154. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 5 states (GA, MS, ND, NJ, PA). July 22, 2022. (National)
155. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Boston Medical Center. Boston, MA. July 14, 2022. (National)
156. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." OhioHealth. Columbus, OH. June 29–30, 2022. (National)
157. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtua Health. Mount Laurel, NJ. June 22–23, 2022. (National)
158. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. Participants from 6 states (FL, GA, IA, KS, MO, OK). June 10, 2022. (National)
159. Simulation Faculty. "Healthcare Simulation Essentials: Design and Debriefing Course for Montana Healthcare Educators." Center for Medical Simulation, Harvard Medical School. Virtual. June 6–10, 2022. (National)
160. Workshop Faculty. "Circle Up: Workflow Adaptation and Psychological Support via Briefing, Debriefing, and Peer Support." Society for Academic Emergency Medicine Annual Meeting (SAEM). New Orleans, LA. May 11, 2022. (International)
161. Workshop Faculty. "The Art of Asking Questions as a Gateway to Giving Effective Feedback." Society for Academic Emergency Medicine Annual Meeting (SAEM). New Orleans, LA. May 11, 2022. (International)
162. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Arkansas Department of Health/Baptist Health. Little Rock, AR. May 9, 2022. (National)
163. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. April 18, 2022. (National)

164. Grand Rounds Speaker. "Designing and Implementing Effective Team Training Simulations." University of Miami Academy of Medical Educators and Faculty Development. Miami, FL. April 14, 2022. (Regional)
165. Course Director and Faculty. "Advanced Stroke Life Support Blended Learning Instructor Essentials Course." Virtual. March 7, 10, and 14, 2022. (National)
166. Panel Speaker. "Learn About the Advanced Stroke Life Support Blended Learning Discipline." American Heart Association Webinar. Participants: 486 throughout US. February 23–24, 2022. (National)
167. Panel Speaker. "COVID-19 Omicron Wave: Local, National and International Experience." Cushman School COVID-19 Panel. Virtual. February 2, 2022. (Regional)
168. Workshop Faculty. "Striking the Right Balance of Remote/Virtual and Face-to-Face Learning Through Simulation." International Meeting on Simulation in Healthcare (IMSH). Los Angeles, CA. January 17, 2022. (International)

2021

169. Plenary Speaker. "Advanced Stroke Life Support for EMS." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Virtual. November 29–30, 2021. (Regional)
170. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. November 9, 2021. (National)
171. Panel Speaker. "Advanced Stroke Life Support Blended Learning for Pilot Training Centers." American Heart Association Webinar. September 30 and October 5, 2021. (National)
172. Simulation Faculty. "Healthcare Simulation Gateway Course for Medical University of South Carolina Healthcare Faculty." Center for Medical Simulation, Harvard Medical School. Virtual. September 11, 2021. (National)
173. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. August 3 and September 29, 2021. (Regional)
174. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. September 14, 2021. (National)
175. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. July 26, 2021. (National)
176. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. June 16, 2021. (National)
177. Session Chair. "Reimagining Residency Education: Competency-based Training." Society for Academic Emergency Medicine Annual Meeting (SAEM). Virtual. May 14, 2021. (International)
178. Oral Presenter. "Effectiveness of a Simulation-Based Course in Acute Coronary Syndromes and Electrocardiogram Interpretation for Paramedics." Society for Academic Emergency Medicine Annual Meeting Lightning Oral. Virtual. May 12, 2021. (International)
179. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. May 4, 2021. (National)

180. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – MI/VFib Arrest and Malignant Hyperthermia Intraoperative." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. April 29, 2021. (Regional)
181. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. April 13, 2021. (National)
182. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. March 8–9, 2021. (National)
183. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. March 3–4, 2021. (Regional)
184. Speaker. "Career Paths in Emergency Medicine – Education and EMS." Emergency Medical Student Association. Virtual. February 27, 2021. (Regional)
185. Invited Speaker. "My Journey To and In Academic Emergency Medicine." Latino Medical Student Association (LMSA) Southeast Regional Conference. Virtual. February 20, 2021. (Regional)
186. Workshop Faculty. "Virtual Learning Lab: Remote Simulation to Complement In-Person Learning in the COVID Era and Beyond." International Meeting on Simulation in Healthcare (IMSH). Virtual. January 18, 2021. (International)
187. Plenary Speaker. "Effective Feedback and Debriefing in Simulation-based Healthcare Education." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. January 13–14, 2021. (Regional)

2020

188. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. March 9, March 20, November 12, and November 13, 2020. (Regional)
189. Panel Speaker. "COVID-19 and Stroke – the United States Experience." SUMMA112 International Panel (Servicio de Urgencia Médica de la Comunidad de Madrid). Panelists from UK, Spain, Germany, and Russia. Virtual. October 23, 2020. (International)
190. Panel Speaker. "Current Trends in Miami-Dade County and Reducing COVID-19 Transmission in Our Community." The Cushman School COVID-19 Taskforce. Virtual. September 9, 2020. (Regional)
191. Plenary Speaker. "COVID-19 Procedures for Safety and Success." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Virtual. July 7, 2020. (Regional)
192. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Virtual. June 29–July 2, 2020. (Regional)
193. Invited Speaker. "Conducting the Advanced Stroke Life Support Instructor Course." Hong Kong Hospital Authority and Hong Kong Neurosurgical Society. Virtual. June 14, 2020. (International)
194. Podcast Speaker. "COVID-19 and Representation: Does it Matter?" The Visible Voices Podcast. Episode 6. May 18, 2020. (Regional)
195. Course Co-Director and Faculty. "Tactical and Medical Response to Active Shooter Hostile Events Provider and Instructor Courses." Polk State College. Winter Haven, FL. May 2–3, 2020. (Regional)

196. Workshop Faculty. "Design, Develop and Implement Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 18, 2020. (International)
197. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. January 9–10, 2020. (National)

2019

198. Plenary Speaker. "American Heart Association/ILCOR Resuscitation Guidelines Updates for BLS, ACLS and PALS." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. November 11 and 22, 2019. (Regional)
199. Course Director and Faculty. "Advanced Stroke Life Support for Hospital Providers Provider and Instructor Courses." Shanghai East Hospital. Shanghai, China. November 2–3, 2019. (International)
200. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. October 25–26, 2019. (National)
201. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. October 19, 2019. (Regional)
202. Plenary Speaker. "Advanced Stroke Life Support – Angels." European Emergency Medicine Congress (EUSEM). Prague, Czech Republic. October 15, 2019. (International)
203. Course Director and Faculty. "Advanced Stroke Life Support Provider and Instructor Courses." Prague, Czech Republic. October 12–13, 2019. (International)
204. Panel Speaker. "Advancing LatinX in Healthcare." University of Miami Miller School of Medicine. Miami, FL. October 8, 2019. (Regional)
205. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Bradycardia and PEA Arrest Intraoperative." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. September 19, 2019. (Regional)
206. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – MI/VFib Arrest and Symptomatic Bradycardia." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. August 29, 2019. (Regional)
207. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. August 12, 2019. (National)
208. Plenary Speaker. "Elements of Good Teamwork." Interprofessional Patient Safety Course. University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 17, 2019. (Regional)
209. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 17–21, 2019. (Regional)
210. Workshop Director and Faculty. "Introduction to EMS Point of Care Ultrasound." First There, First Care EMS Conference. Westin, FL. June 5, 2019. (Regional)

211. Plenary Speaker. "The Advanced Stroke Life Support-Angels Program." European Stroke Organization Conference (ESOC) Angels Symposium. Milan, Italy. Participants: approximately 700. May 22, 2019. (International)
212. Plenary Speaker. "Stroke Systems of Care – The Critical Role of EMS." Baptist Health Stroke Symposium. Jacksonville, FL. Participants: 300. May 17, 2019. (Regional)
213. Invited Speaker. "The Advanced Stroke Life Support Curriculum: Learning How to Integrate a Simulation-based Acute Stroke Training Curriculum into your Program." Laerdal International Webinar. Participants: 874. May 9, 2019. (International)
214. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Malignant Hyperthermia Postoperative and Intraoperative." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. May 2, 2019. (Regional)
215. Plenary Speaker. "The Advanced Stroke Life Support Program Impact on Stroke Training and Patient Care." Genentech Vascular Medicine National Meeting. Miami Beach, FL. May 1, 2019. (National)
216. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. April 12, 2019. (National)
217. Grand Rounds Speaker. "Using Simulation to Improve Patient Safety in Graduate Medical Education." University of Miami/Jackson Health System Faculty Development Seminar. Miami, FL. March 22, 2019. (Regional)
218. Presenter. "Effective Feedback and Debriefing in Healthcare Education." Presentation and Workshop for Law Enforcement and Fire Rescue Educators. Miami, FL. March 18, 2019. (Regional)
219. Workshop Faculty. "Design, Develop and Implement Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). Los Angeles, CA. January 26, 2019. (International)

2018

220. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Hypoglycemia and Anaphylaxis/VFib Arrest." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. December 20, 2018. (Regional)
221. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. December 11–13, 2018. (National)
222. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. July 7, August 4, August 18, and October 20, 2018. (Regional)
223. Plenary Speaker. "In-Situ Simulation for Improving Patient Safety." Laerdal Simulation User Network Conference. Orlando, FL. October 10, 2018. (National)
224. Invited Speaker. "Using Simulation to Improve Patient Safety in Hospitals." International Webinar for Healthcare Simulation Educators. Registrants: 1,153. September 18, 2018. (International)
225. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Pediatric Asthma/Respiratory Arrest and Pediatric Seizure." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. September 13, 2018. (Regional)

226. Workshop Faculty. "Interprofessional Teams and Patient Safety: A TeamSTEPPS Approach." University of Miami School of Nursing and Health Sciences. Miami, FL. August 23, 2018. (Regional)
227. Simulation Faculty. "Patient Safety Course." University of Miami Miller School of Medicine MD/MPH Students. Miami, FL. August 23, 2018. (Regional)
228. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 18–22, 2018. (Regional)
229. Workshop Director and Faculty. "Introduction to Emergency Medical Services Point of Care Ultrasound." First There, First Care Conference. Westin, FL. June 6, 2018. (Regional)
230. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. May 17–18, 2018. (National)
231. Course Co-Director and Faculty. "Tactical and Medical Response to Active Shooter Hostile Events Provider and Instructor Courses." Polk State College. Winter Haven, FL. May 11–12, 2018. (Regional)
232. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. April 20, 2018. (National)
233. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Pulseless Ventricular Tachycardia and Syncope with Hypotension." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. April 19, 2018. (Regional)
234. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Malignant Hyperthermia Postoperative and Intraoperative." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. March 22, 2018. (Regional)
235. Plenary Speaker. "Mastery Learning and Deliberate Practice in Graduate Medical Education." Graduate Medical Education Symposium, University of Miami/Jackson Memorial Hospital. Miami, FL. March 10, 2018. (Regional)
236. Plenary Speaker. "Using Simulation to Improve Patient Safety in Hospitals." Laerdal Latin America Annual Meeting. Miami, FL. Participants from Latin America and the Caribbean. March 7, 2018. (International)
237. Presenter. "Effective Feedback and Debriefing for Clinical Teaching." UM/JMH Emergency Medicine Faculty Development Workshop. Miami, FL. March 4, 2018. (Regional)
238. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. February 5, 2018. (National)
239. Oral Presenter. "A Longitudinal, Simulation-based Disaster Response Curriculum Culminating in an Interprofessional Large-Scale Disaster Response Exercise for MD/MPH Students." International Meeting on Simulation in Healthcare (IMSH). Los Angeles, CA. January 16, 2018. (International)
240. Workshop Faculty. "Developing Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). Los Angeles, CA. January 13, 2018. (International)

2017

241. Plenary Speaker. "Best Practices in Feedback and Debriefing." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 18 and 20, 2017. (Regional)
242. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Hypoglycemic/Unconscious and Pediatric Anaphylaxis." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. November 17, 2017. (Regional)
243. Oral Presenter. "Teaching the eFAST Examination to Prehospital Providers: A Simulation-based Point-of-Care Ultrasound Course." EMS World Conference. Las Vegas, NV. October 19, 2017. (International)
244. Presenter. "Management of Anaphylaxis and Angioedema." South Florida Emergency Medicine Resident Didactics. Miami, FL. September 20, 2017. (Regional)
245. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. May 20, June 17, and August 19, 2017. (Regional)
246. Presenter. "CBRNE Part 1." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. July 18, 2017. (International)
247. Presenter. "Central Venous Catheter Placement Indication, Procedure, and Complications." UM/JMH Emergency Medicine Residency Didactics. Miami, FL. July 13, 2017. (Regional)
248. Course Director and Faculty. "EMS Point of Care Ultrasound." CLINCON Emergency Medical Services Conference. Orlando, FL. July 10, 2017. (National)
249. Course Director and Faculty. "Airway Management: Principles and Practice." First-Year Emergency Medicine Residents. Miami, FL. July 6, 2017. (Regional)
250. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 19–23, 2017. (Regional)
251. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Malignant Hyperthermia and Pediatric Asthma/Respiratory Arrest." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. June 1, 2017. (Regional)
252. Grand Rounds Speaker. "The Future of Outcomes-Based Medical Education: Mastery Learning and Deliberate Practice." UMMSM Medical Education Grand Rounds. Miami, FL. May 19, 2017. (Regional)
253. Panel Speaker. "Catalyzing System Change through Healthcare Simulation: Systems, Competency, and Outcomes." Society for Academic Emergency Medicine Annual Meeting Consensus Conference. Orlando, FL. May 16, 2017. (International)
254. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. May 1, 2017. (National)
255. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Hypoglycemia/Altered Mental Status and Pediatric Seizure with Respiratory Compromise." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. April 6, 2017. (Regional)
256. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. February 3 and 13, 2017. (National)

2016

257. Plenary Speaker. "Assessment and Debriefing of Teamwork in Healthcare." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 13 and 15, 2016. (Regional)
258. Simulation Faculty. "Improving Simulation Instructional Methods (iSIM): Research Skills for Simulation Educators." Miami, FL. December 5–6, 2016. (National)
259. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Post-Tonsillectomy Hemorrhage and Hypoglycemia/Stroke." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. November 3, 2016. (Regional)
260. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. October 19, 2016. (National)
261. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. April 16, April 30, June 4, October 20, and November 17, 2016. (Regional)
262. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Pediatric Arrest and Hypoglycemia/Stroke." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. September 29, 2016. (Regional)
263. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. September 26–28, 2016. (National)
264. Course Co-Director and Faculty. "Advanced Medical Life Support Provider and Instructor Courses." Miami, FL. September 22–23, 2016. (Regional)
265. Invited Presenter. "Essential Skills in Medical Education Simulation (ESME-Sim) Masterclass." Preconference Course. Association for Medical Education in Europe (AMEE) Annual Meeting. Barcelona, Spain. August 27, 2016. (International)
266. Presenter. "Management of Acute Drowning." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. August 16, 2016. (International)
267. Grand Rounds Speaker. "Acute Coronary Syndromes." Emergency Medicine Grand Rounds. UM/JMH Emergency Medicine Residency. Miami, FL. July 20, 2016. (Regional)
268. Course Director and Faculty. "Advanced Stroke Life Support." CLINCON Emergency Medical Services Conference. Orlando, FL. July 13, 2016. (National)
269. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 13–16, 2016. (Regional)
270. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Pediatric Seizure." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. June 2, 2016. (Regional)
271. Plenary Speaker. "Best Practices in Feedback and Debriefing." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. May 11–12, 2016. (Regional)
272. Presenter. "Acute Coronary Syndromes." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. March 16, 2016. (International)

273. Panel Speaker. "Women, Innovation, and Medicine: Women Physicians Pursuing Innovative Careers." American Medical Women's Association Annual Meeting. Miami, FL. March 12, 2016. (National)
274. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Postoperative Hemorrhage, MI, and VFib Arrest." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. March 10, 2016. (Regional)
275. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. February 25, 2016. (National)
276. Course Co-Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." US Air Force School of Aerospace Medicine (USAFSAM). Wright-Patterson AFB, OH. February 3–5, 2016. (National)

2015 and Older

277. Plenary Speaker. "American Heart Association 2015 Guidelines Updates." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 12–13, 2015. (Regional)
278. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Hypoglycemia and MI/VFib Arrest." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. November 16–17, 2015. (Regional)
279. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. November 5, 2015. (National)
280. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. March 28, May 16, June 17, and August 15, 2015. (Regional)
281. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. August 11, 2015. (National)
282. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 15–19, 2015. (Regional)
283. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. May 11, 2015. (National)
284. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – Stroke, VFib Arrest, Adult Seizure, and Pediatric Bronchospasm/Respiratory Arrest." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. May 7, 2015. (Regional)
285. Course Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Invited by the Florida Healthcare Simulation Alliance. Medical Technology and Simulation Center, State College of Florida. Sarasota, FL. April 16–17, 2015. (Regional)
286. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. February 16, 2015. (National)
287. Course Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Invited by the Florida Healthcare Simulation Alliance. Mary Ehkal Smart Center for Patient Simulation Training and Research, Pensacola State College. Pensacola, FL. February 2–3, 2015. (Regional)

288. Panel Speaker. "Introduction to the Health Disciplines: Working Together to Make a Difference in Patient Care." Annual Interprofessional Workshop. Florida International University College of Medicine. Miami, FL. January 29, 2015. (Regional)
289. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. January 16, 2015. (National)
290. Presenter. "The AMEE Best Evidence Practical Guide on Simulation in Healthcare Education – A Review of the Findings." International Meeting on Simulation in Healthcare (IMSH). New Orleans, LA. January 13, 2015. (International)
291. Workshop Director and Faculty. "Simulation for Disaster Response: Developing Training for Worst-Case Scenarios." International Meeting on Simulation in Healthcare (IMSH). New Orleans, LA. January 12, 2015. (International)
292. Simulation Faculty. "Innovative Idea/Work in Progress Professor Rounds." International Meeting on Simulation in Healthcare (IMSH). New Orleans, LA. January 12, 2015. (International)
293. Workshop Faculty. "Developing Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). New Orleans, LA. January 10, 2015. (International)
294. Plenary Speaker. "Effective Teaching with Simulation Scenarios." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 12–13, 2014. (Regional)
295. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. December 1, 2014. (National)
296. Course Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Invited by the Florida Healthcare Simulation Alliance. Center for Excellence in Medical Simulation, Palm Beach State College. Lake Worth, FL. November 14–15, 2014. (Regional)
297. Presenter. "Public Health Disaster Preparedness." University of Miami MD/MPH Program. Miami, FL. October 23, 2014. (Regional)
298. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. August 14, August 26, September 23, and October 15, 2014. (National)
299. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. July 26, August 9, and August 23, 2014. (Regional)
300. Oral Presenter. "Just in Time Learning is Effective in Helping First Responders Manage Weapons of Mass Destruction Events." Military Health System Research Symposium. Fort Lauderdale, FL. August 18, 2014. (National)
301. Presenter. "Expert Consultation Workshop: Designing the Future of Disaster Preparedness and Response Using Mobile Technology." Washington, DC. July 23–24, 2014. (National)
302. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 16–20, 2014. (Regional)
303. Presenter. "Teamwork, Teaching, Assessment and Debriefing in the Clinical Setting." Jackson Memorial Hospital Chief Resident Orientation. Miami, FL. June 2, 2014. (Regional)

304. Presenter. "Airway Management in Emergency Situations." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. April 2, 2014. (International)
305. Chair and Presenter. University of Miami Gordon Center for Research in Medical Education Advisory Board Annual Meeting. Miami, FL. March 2014 (and annually: 2007–2014). (Regional)
306. Workshop Faculty. "Developing Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). San Francisco, CA. January 26, 2014. (International)
307. Simulation Faculty. "SimWars: A Live Simulation Competition for Residents." International Meeting on Simulation in Healthcare (IMSH). San Francisco, CA. January 26, 2014. (International)
308. Keynote Speaker. "Simulation in Healthcare Education: A Best Evidence Guide." Florida Healthcare Simulation Alliance Annual Meeting. Orlando, FL. January 10, 2014. (Regional)
309. Presenter. "Strive to Revive: Overcoming Challenges of Resuscitation." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. January 8, 2014. (International)
310. Course Director and Faculty. White House Medical Unit Trauma and Acute Care Simulation Team Training. Miami, FL. January 6, 2014. (National)
311. Plenary Speaker. "Motivation and Barriers to Learning in Adult Learners." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 12–13, 2013. (Regional)
312. Course Director and Faculty. "Acute Critical Events Simulation for Health Systems – MI/VFib Arrest, Anaphylaxis, and Pediatric Seizure/Respiratory Arrest." In-situ simulation in the health system. Bascom Palmer Eye Institute. Miami, FL. November 19, 2013. (Regional)
313. Presenter. "Heat and Cold Emergencies." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. November 6, 2013. (International)
314. Presenter. "Syncope." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. June 26, 2013. (International)
315. Keynote Address. "The Critical Role of Nurses in a Multidisciplinary Approach to Disaster Response." Japan Disaster Nurses Congress. Sapporo, Japan. Approximately 800 attendees. August 22, 2013. (International)
316. Presenter. "Disaster Response Training for Healthcare Providers – A Decade of Experience." Japan Disaster Nurses Congress. Sapporo, Japan. Approximately 250 participants. August 22, 2013. (International)
317. Workshop Director and Faculty. "Developing Simulation Scenarios for Disaster Response Training." Japan Disaster Nurses Congress. Sapporo, Japan. August 22, 2013. (International)
318. Grand Rounds Speaker. "Developing Simulation Scenarios in Healthcare Education." University of Hyogo Educational Grand Rounds, with videoconference to 5 additional universities in Japan. Kobe, Japan. August 20, 2013. (International)
319. Grand Rounds Speaker. "Developing Simulation Scenarios and Assessment and Debriefing in Simulation." Sapporo City University Educational Grand Rounds. Sapporo, Japan. August 19, 2013. (International)

320. Grand Rounds Speaker. "Medical Response to Major Disasters: What Every Emergency Physician Should Know." University of Wisconsin Emergency Medicine Grand Rounds. Madison, WI. July 25, 2013. (Regional)
321. Workshop Faculty. "Mass Casualty Triage for Emergency Physicians." University of Wisconsin Emergency Medicine Workshop. Madison, WI. July 25, 2013. (Regional)
322. Presenter. "Introduction to Disaster Response." University of Miami MD/MPH Program. Miami, FL. July 10, 2013. (Regional)
323. Presenter. "Allergic Reaction and Near Drowning." Teletraining Continuing Education Program for US Department of State Deployed Healthcare Personnel. Remote. June 26, 2013. (International)
324. Course Co-Director and Faculty. "Interprofessional Patient Safety Course." University of Miami Miller School of Medicine and School of Nursing and Health Sciences. Miami, FL. June 17–20, 2013. (Regional)
325. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. April 13 and May 11, 2013. (Regional)
326. Plenary Speaker. "Resuscitation Science Update." American Heart Association Strive to Revive Southeast Regional Conference. Miami, FL. March 1, 2013. (Regional)
327. Workshop Faculty. "Developing Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 26, 2013. (International)
328. Simulation Faculty. "SimWars: A Live Simulation Competition for Residents." International Meeting on Simulation in Healthcare (IMSH). Orlando, FL. January 26, 2013. (International)
329. Plenary Speaker. "Disaster Response Training Curriculum Development." Japanese Disaster Nursing Global Leadership Program. Disaster Nursing Group from University of Hyogo, University of Kochi, and Japanese Red Cross College of Nursing. Miami, FL. January 7–9, 2013. (International)
330. Plenary Speaker. "Guidelines Updates to PALS and NREMT-P Psychomotor Exam." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 13 and 15, 2012. (Regional)
331. Plenary Speaker. "Time Is Brain: The Latest on EMS Management of Acute Stroke." Emergency Medical Services World Expo. New Orleans, LA. October 31, 2012. (International)
332. Course Director and Faculty. "Advanced Stroke Life Support for Prehospital Providers." Preconference Course. Emergency Medical Services World Expo. New Orleans, LA. October 30, 2012. (International)
333. Presenter. Simulation Training for Emergency Healthcare Providers. Presentation to Major General Philip Volpe, Commander Army Medical Department Center and Schools. Miami, FL. September 27, 2012. (National)
334. Grand Rounds Speaker. "The Internists' Role in Disaster Response." University of Miami/Jackson Memorial Hospital General Internal Medicine Grand Rounds. Miami, FL. September 11, 2012. (Regional)

335. Course Director and Faculty. "Rapid Response Team Training" and Mass Casualty Triage for Brazilian Physicians and Nurses Preparing for World Cup and Olympics. Miami, FL. August 30, 2012. (International)
336. Course Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. August 7–9, 2012. (National)
337. Simulation Faculty. "Team Building Simulation for 3rd-Year Medical Students." Center for Patient Safety. Miami, FL. June 19, 2012. (Regional)
338. Course Director and Faculty. "Rapid Response Team Training." Miami, FL. March 17, April 21, May 19, and June 9, 2012. (Regional)
339. Presenter. "Quality Improvement Training Program for Response to Acute Medical Events." Patient Safety Committee. Bascom Palmer Eye Institute. Miami, FL. May 5, 2012. (Regional)
340. Workshop Faculty. "Medical Student Mentoring Workshop." American Medical Women's Association National Meeting. Miami, FL. April 14, 2012. (National)
341. Course Director and Faculty. "Improving Simulation Instructional Methods (iSIM)." Miami, FL. April 10–12, 2012. (National)
342. Panel Speaker. "Introduction to the Health Disciplines: Multidisciplinary Team Care." Annual Interprofessional Workshop. Florida International University College of Medicine. Miami, FL. February 23, 2012. (Regional)
343. Workshop Faculty. "Developing Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 28, 2012. (International)
344. Presenter. Video Game Arcade Exhibit: "Mass Casualty Triage Serious Game." International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 30, 2012. (International).
345. Presenter. "Social Determinants of Health." University of Miami MD/MPH Program. Miami, FL. October 26, 2011. (Regional)
346. Course Director and Faculty. "Training for Disasters and Emergencies." Korean Armed Forces Nursing Academy 5-Day Symposium. Miami, FL. August 15–19, 2011. (International)
347. Workshop Faculty. "ECG Interpretation Workshop." Mount Sinai Emergency Medicine Residency Didactics. Miami, FL. April 2011. (Regional)
348. Presenter. "Human Factors and Team Performance in EMS." Meet the Simulation Experts: Emerging Simulation Domains. International Meeting on Simulation in Healthcare (IMSH). New Orleans, LA. January 25, 2011. (International)
349. Workshop Faculty. "Developing Simulation-based Stations for Use in Objective Structured Clinical Examinations (OSCEs)." Preconference Workshop. International Meeting on Simulation in Healthcare (IMSH). New Orleans, LA. January 23, 2011. (International)
350. Plenary Speaker. "Guidelines Updates to BLS and ACLS." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 15–16, 2010. (Regional)
351. Panel Speaker. "Women in Medicine Panel." University of Miami American Medical Women's Association Chapter. Miami, FL. November 5, 2010. (Regional)

352. Course Director and Faculty. "Advanced Stroke Life Support for Prehospital Providers Provider and Instructor Courses." Mexican Red Cross Educational Symposium. Mexico City, Mexico. July 16–18, 2010. (International)
353. Course Co-Director and Faculty. "Introduction to Simulation Instruction Course" for medical educators from Indonesia. Miami, FL. July 12–17, 2010. (International)
354. Plenary Speaker. "Measuring Outcomes with Reliability and Validity." 14th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions. Miami, FL. May 16, 2010. (International)
355. Workshop Director and Faculty. "Simulation-based Training and Assessment in Action." Preconference Workshop. 14th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions. Miami, FL. May 15–19, 2010. (International)
356. Workshop Faculty. "Developing Simulation-based Stations for Use in OSCEs." Preconference Workshop. 14th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions. Miami, FL. May 15–19, 2010. (International)
357. Simulation Faculty. Postgraduate Poster Presentations. 14th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions. Miami, FL. May 15–19, 2010. (International)
358. Course Director and Faculty. "Prehospital Trauma Life Support" and "Airway Management: Principles and Practice" for Mexican Red Cross Paramedics and Physicians. Miami, FL. January 18–21, 2010. (International)
359. Course Simulation Faculty. "Introduction to Simulation Instruction and Research Methods" for medical educators from Kazakhstan. Miami, FL. November 9–20, 2009. (International)
360. Plenary Speaker. "Best Practices in Lecture and Skills Stations Teaching." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 16–17, 2008. (Regional)
361. Plenary Speaker. "Best Practices in Emergency Medical Simulation Training." Laerdal Centers of Educational Excellence Meeting. Miami, FL. December 15, 2008. (International)
362. Presenter. "2008 Trauma Update." University of Miami Emergency & Critical Care Seminar for Healthcare Providers. Miami, FL. November 21, 2008. (Regional)
363. Presenter. "Approach to the Pregnant Trauma Patient." Jackson Memorial Hospital Nursing Workshop. Miami, FL. October 2008. (Regional)
364. Panel Speaker. "Group Expertise: Effective Teamwork and Communication." Society for Academic Emergency Medicine Annual Meeting Consensus Conference – "The Science of Simulation in Healthcare: Defining and Developing Clinical Expertise." Washington, DC. May 28, 2008. (National)
365. Plenary Speaker. "Emergency Care in a County Hospital: Are We Serving the Underserved?" Harvard Medical School Minority Faculty Development Conference. Boston, MA. May 1, 2008. (National)
366. Plenary Speaker. "2008 Stroke Update: Emergency Treatment – Blood Pressure Management and t-PA." Neurology Seminars for Healthcare Providers. Miami, FL. April 25, 2008. (Regional)

367. Grand Rounds Speaker. "The Difficult Airway in Emergency Medicine." Broward General Hospital Grand Rounds. Fort Lauderdale, FL. April 21, 2008. (Regional)
368. Plenary Speaker. "Simulation Training and Best Practices at the Gordon Center for Research in Medical Education." Laerdal Centers of Excellence Meeting. Barnes-Jewish College of Nursing. St. Louis, MO. April 3, 2008. (National)
369. Presenter. "Emergency Response to Terrorism Training 2002–Present." Florida Department of Health Presentation for US Department of Health and Human Services Assistant Secretary for Preparedness and Response, RADM Craig Vanderwagen, MD. Miami, FL. February 28, 2008. (National)
370. Panel Speaker. "Society for Simulation in Healthcare Instructor Certification: Why, How and Who?" International Meeting on Simulation in Healthcare (IMSH). San Diego, CA. January 15, 2008. (International)
371. Plenary Speaker. "Debriefing 101." Annual Prehospital and Emergency Training Division Instructor Update, UM Gordon Center for Simulation and Innovation in Medical Education. Miami, FL. December 19–20, 2007. (Regional)
372. Workshop Director and Faculty. "The Very Difficult Airway in Emergency Medicine." Jackson Memorial Hospital. Miami, FL. October 2007–March 2008. (Regional)
373. Plenary Speaker. "The MEND Exam for Acute Stroke." Teaching Seminar in Clinical Neurology. Miami, FL. November 16, 2007. (Regional)
374. Plenary Speaker. "Sepsis Management from the ED to the ICU." Nursing Clinics in Emergency and Critical Care. Miami, FL. October 5, 2007. (Regional)
375. Presenter. "Toxic Shock Syndrome." Mount Sinai Emergency Medicine Residency Didactics. Miami, FL. May 2006. (Regional)
376. Presenter. "Introduction to Orthopedic Emergencies." Mount Sinai Emergency Medicine Residency Didactics. Miami, FL. November 2005. (Regional)
377. Plenary Speaker. "An Innovative Approach to Bridging the Language Chasm." Commonwealth Fund/Harvard University Fellowship in Minority Health Policy Research Conference. Boston, MA. May 2005. (National)
378. Plenary Speaker. "Approach to the Trauma Patient" and "Trauma in Pregnancy." Emergency Medicine in the 21st Century Course, Harvard Affiliated Hospitals. Boston, MA. April 2005. (National)
379. Presenter. "Bowel Obstructions." Emergency Medicine Resident Teaching Session. Massachusetts General Hospital. Boston, MA. February 2004. (Regional)
380. Course Director and Faculty. "Advanced Airway Course." Pan American Collaboration in Emergency Medicine Development. San Miguel de Allende and Guanajuato, Mexico. November 2003. (International)
381. Presenter. "Myocarditis." Emergency Medicine Teaching Session. Massachusetts General Hospital. Boston, MA. May 2003. (Regional)
382. Workshop Director and Faculty. "Advanced Cardiac Life Support and Stroke." Harvard Medical Faculty Physicians/Beth Israel Deaconess Medical Center. Honduras Medical Center. Tegucigalpa, Honduras. January 18–19, 2003. (International)

383. Presenter. "Marine Envenomations." Emergency Medicine Teaching Session. Massachusetts General Hospital. Boston, MA. January 2003. (Regional)

27b. Media/Press Presentations:

- Invited Podcast Speaker. "Stroke Readiness: Innovation Through Simulation-based Training." Becker's Healthcare Podcast (International Reach). May 20, 2026.
(<https://podcasts.apple.com/us/podcast/stroke-readiness-innovation-through-simulation-based/id1452376188?i=1000768719922>)
- Interviewed and Quoted by American Heart Association. "New eLearning Course Empowers Stroke Care Providers Everywhere." March 2025.
https://international.heart.org/en/news-and-events/2025/march_new-elearning-course
- Interviewed by The One Million Lives Podcast. "'Beating the Clock – How Innovation & Education Are Transforming Stroke Care.'" February 18, 2025.
<https://laerdal.com/us/information/one-million-lives-podcast/>
- Interviewed and Quoted by American Heart Association – "Key organizations come together to launch Advanced Stroke Life Support® around the world." October 29, 2024.
https://international.heart.org/en/news-and-events/2024/oct_key-organizations-come-together
- Interviewed and Quoted by Medical Chronicle – "American Heart Association Brings Advanced Stroke Life Support to SA" Article Published August 2024.
https://journals.co.za/doi/epdf/10.10520/ejc-nm_medc_v2024_n8_a21
- Interviewed and Quoted by Global Miami Magazine – "Not Live from Miami." Article Published May 15, 2024.
<https://globalmiamimagazine.com/2024/05/15/not-live-from-miami/>
- Interviewed by NBC6, 7 News WSVN, and Biscayne Bay Tribune regarding the UM Gordon Center's works with Urban Search and Rescue Teams and donation of helmets for deployment to disaster responses. Aired August 23, 2023.
https://www.youtube.com/watch?v=ovzaNC_shng; <https://wsvn.com/news/local/miami-dade/ums-gordon-center-presents-80-new-helmets-to-florida-urban-task-forces-1-and-2/>; <https://communitynewspapers.com/biscayne-bay/gordon-center-honors-florida-urban-search-and-rescue-task-forces-with-new-helmets/>.
- Interviewed by ABC Tallahassee - Interviewed regarding UM Gordon Center's Active Shooter Hostile Events Training Program. Aired November 3, 2022.
<https://www.wtxl.com/news/local-news/new-court-documents-from-saturdays-shooting>
- Interviewed by InventUM – "Dr. Ivette Motola on the Gordon Center's Advanced Stroke Life Support Program." Article Published July 27, 2022.
<https://physician-news.umiamihealth.org/dr-ivette-motola-on-the-gordon-centers-advanced-stroke-life-support-program/>

- Interviewed by Florida Trend Magazine – “A New Partnership to Advance Stroke Care in Florida and Beyond.” Article Published June 1, 2022.
<https://floridatrend.com/article/33825/a-new-partnership-to-advance-stroke-care-in-florida-and-beyond>
- Interviewed by Veterans Affairs and Military Medicine Outlook - “Interview: Ivette Motola, MD, MPH, Assistant Director, Gordon Center for Simulation and Innovation in Medical Education; Director, Prehospital and Emergency Healthcare, Gordon Center.” Article Published December 9, 2021.
https://issuu.com/faircountmedia/docs/veterans_affairs_military_medicine_outlook_fall_20/s/14183727
- Interviewed by the Yale Globalist – “State of the Healthcare System.” Interviewed about the COVID-19 Pandemic and emergency physician burnout and health policy during the pandemic. Article Published November 2021.
https://issuu.com/tyglobalist/docs/globalist_fall2021_surface_packaged_file
- Interviewed by National Defense Magazine – “Augmented Reality Emerges as Key Tool for Military Medical Training.” Article Published October 22, 2021.
<https://www.nationaldefensemagazine.org/articles/2021/10/22/augmented-reality--emerges-as-key-tool-for-military-medical-training>
- Interviewed and Quoted by South Florida Hospital News – “Gordon Center’s Twenty-Year Partnership with U.S. Military Saves Countless Lives.” Article Published September 9, 2021.
<https://southfloridahospitalnews.com/gordon-centers-twenty-year-partnership-with-u-s-military-saves-countless-lives/>
- Interviewed and Quoted by Florida Trend Magazine – “Paramedics with an iPad: Live Streaming Stroke & Patient Care.” Article Published September 1, 2021.
<https://www.floridatrend.com/article/32112/paramedics-with-an-ipad-live-streaming-stroke-patient-care/>
- Interviewed and Quoted by Healthy Simulation – “In Situ Simulation Prepares Rapid Response Teams at Gordon Center.” Article Published April 5, 2021.
<https://www.healthysimulation.com/31154/rapid-response-teams/>
- Interviewed by CBS4 – “Security Guard Uses 'Stop The Bleed' Techniques To Help Save Man's Life.” Aired February 25, 2021.
<https://www.cbsnews.com/miami/news/security-guard-stop-the-bleed-save-mans-life/>
- Interviewed by Healthy Simulation – “Gordon Center Partners with AHA to Offer Online Course: Stroke Care During COVID-19.” Article Published December 14, 2020.
<https://www.healthysimulation.com/29499/online-stroke-care-course/>

- Interviewed and Quoted by Practical Neurology – “New No-Cost Course for Professionals in Stroke Centers with High-Volume of COVID-19.” Article Published November 5, 2020.
<https://practicalneurology.com/news/new-no-cost-course-for-professionals-in-stroke-centers-with-high-volume-of-covid-19/2469417/>
- Interviewed by American Heart Association – “Online course to facilitate improved outcomes of stroke for patients impacted by pandemic.” Article Published November 5, 2020.
<https://newsroom.heart.org/news/online-course-to-facilitate-improved-outcomes-of-stroke-for-patients-impacted-by-pandemic>
- Interviewed by Health Magazine – Interview regarding the COVID-19 Pandemic, working as an ED physician and taking care of other emergencies during the pandemic. Aired August 27, 2020.
<https://www.health.com/condition/infectious-diseases/coronavirus/er-doctor-hospital-pandemic>
- Interviewed by NBC 6 – Interview about the safety of visiting your doctor and hospitals during the COVID-19 Pandemic. Aired July 7, 2020.
<https://www.youtube.com/watch?v=IQHcFFqbvYE&feature=youtu.be>
- Interview by CBS 4 – Interview and article on emergency care of stroke and heart attack during COVID-19 Pandemic. Aired June 30, 2020.
<https://miami.cbslocal.com/2020/06/30/stroke-awareness-911-health/>
- Interviewed by The Visible Voices Podcast. “#COVID-19 and Representation: Does it Matter?” May 18, 2020.
<https://www.thevisiblevoicespodcast.com/episodes/pJ-E0qKyVH2J2zmufKxm4Q>
- Interviewed by UMiami Health News – Article: “Saving a Life Just Got Simpler: Performing CPR Without Mouth-to-Mouth.” Article Published March 14, 2018.
<https://news.umiamihealth.org/en/saving-a-life-just-got-simpler-performing-cpr-without-mouth-to-mouth/>
- Interviewed and Quoted by Miami Today – Article: “Simulator plays tabletop role of patient for medical classes.” Article Published March 29, 2012. Author: Scott Blake.

VI. TEACHING

27. Teaching Awards Received

- | | |
|---|------|
| • University of Miami Miller School of Medicine Recognition of Educational Contributions Award | 2026 |
| • Research Mentorship: Dr. Alan Livingston Clinical Research Award
Department of Surgery. Awarded March 19, 2026. | 2026 |
| • UHealth Faculty MVP Award for Outstanding Education Engagement,
Department of Surgery, UMMSM. Awarded June 2025. | 2025 |

- Award of Recognition for Outstanding Achievement in Training of the White House Medical Unit and Support of the President of the United States 2025
- University of Miami Miller School of Medicine Recognition of Educational Contributions Award 2025
- UHealth Faculty MVP Award for Outstanding Education Engagement, Department of Surgery, UMMSM. Awarded October 30, 2024. 2024
- UHealth Faculty MVP Award for Outstanding Education Engagement, Department of Surgery, UMMSM. Awarded November 21, 2023. 2023
- Award of Recognition for Outstanding Achievement in Training of the White House Medical Unit and Support of the President of the United States 2023
- Award of Recognition for Outstanding Achievement in Training of the White House Medical Unit and Support of the President of the United States 2022
- Appreciation for Training of Army Trauma Training Center Cadre Department of the Army, Department of Defense 2022
- Award of Recognition for Outstanding Achievement in Training of the White House Medical Unit and Support of the President of the United States 2017
- ASPIRE-to-Excellence Award in Simulation – Gordon Center Programs, AMEE 2017
- Award of Recognition for Outstanding Achievement in Training of the White House Medical Unit and Support of the President of the United States 2015
- International Nursing Association for Clinical Simulation and Learning (INACSL) Certificate of Appreciation for Outstanding Service as a Member of the INACSL Standards Interprofessional Education Subcommittee 2014
- Awards (2) of Recognition Japanese Society of Disaster Nursing Given for Presentations at the 15th Annual Meeting of Japanese Society of Disaster Nursing 2013
- Award of Academic Recognition for Instructional Skills in Simulation Training, Sapporo University, Sapporo, Japan. August 19, 2013 2013
- Inductee, University of Miami Academy of Medical Educators (Fellow) 2013
- Selected as Associate of the Educational Development Office 2013
- Certificate of Teaching Recognition Honduras Medical Center 2003
- Selected as Resident Representative to GME Education Committee, Brigham and Women's Hospital 2002
- Selected as Student Representative to Curriculum Committee, University of Rochester School of Medicine 1996

29. Teaching Specialization

*Note: This is a list of major educational programs and curricula that I have developed and taught for audiences in undergraduate medical education, graduate medical education, continuing medical education, and allied health professions. For additional presentations and teaching activities, and more detailed analysis of educational impact, please refer to the separate *Educator Portfolio*.

- Essential Stroke Life Support (ESLS®) eLearning and Virtual Simulation Course 2025-Present
Role: Curriculum Developer, Lead Author and UM GCSIMEd Project Manager
 This educational program is a collaboration between the American Heart Association, Laerdal Medical, and the UM Gordon Center. The course includes two components: 1. An innovative, adaptive, AI-based individualized eLearning course and 2. Virtual simulations where the application and practice of skills to identify and initially manage stroke is performed online in comprehensive cases with simulated patients (see reference document). I led the content development of the course, along with other AHA subject matter experts and serve as the UM Gordon Center project manager for the program. The course was launched at the International Stroke Conference in February of 2025 and over 1,500 learners in 42 states and 12 countries have participated. <https://education.heart.org/productdetails/essential-stroke-life-support-esls-online-provider-course>
- Feedback and Debriefing Essentials for Health Professions Educators 2024-Present
Role: Curriculum Developer, Lead Author, Course Director, and Faculty
 This 8-hour faculty development course is designed for healthcare educators across disciplines seeking to strengthen their feedback and debriefing practice. The curriculum integrates evidence-based frameworks for giving effective feedback, structured debriefing methodologies, and practical application through interactive didactics, large-group discussion, small-group simulation exercises, and peer debriefing practice with structured self- and peer-evaluation tools. Participants engage in live simulation scenarios followed by facilitated debriefing, allowing them to practice and receive feedback on their own facilitation in real time. The course is grounded in the principle that debriefing is a learnable skill requiring deliberate practice, not simply domain expertise, and that reflective facilitation is the cornerstone of effective simulation-based education. Since its launch in 2024, the course has been offered to health educators from the UM Gordon Center, the UM Miller School of Medicine, and both UM and JMH Health Systems. Post-course evaluations have consistently demonstrated improvements in facilitator confidence, self-assessed debriefing skill, and readiness to apply structured debriefing frameworks in simulation-based teaching.
- Critical Events Simulation for Emergency Medical Services (CESEMS) 2023-Present
Role: Curriculum Developer, Lead Author, Course Director, and Faculty
 This is an 8-hour course for fire rescue and paramedics that incorporates large-group didactic sessions and small-group simulation sessions to help train first responders in critical events, including neonatal resuscitation, post-partum hemorrhage, allergic reactions/anaphylaxis, pediatric heat emergencies, sepsis/septic shock, burns, and trauma. In the development of the course we worked with the QA and EMS leadership of Fire Rescue to determine the topic areas where training was most needed. *As of 12/31/2025, 828 Paramedics were trained in the course.*
- Healthcare Simulation Essentials: Design and Debriefing (CMS-Harvard) 2022-Present
Role: Faculty
 This is a 5-day comprehensive faculty development course for healthcare educators in the fundamentals of designing and implementing simulation-enhanced training and programs. The course incorporates best practices in feedback and debriefing and is conducted in-person and virtually all over the world. As a CMS Adjunct Faculty, I help teach the course as needed and lead didactics and small group sessions throughout the course.

- Advanced Stroke Life Support (ASLS®) Blended Learning Instructor Essentials 2022-Present
Role: Curriculum Developer, GCSIMEd Project Manager, National and International Faculty
 I developed, in conjunction with the American Heart Association Educational Team and UM Gordon Center ASLS Team, an Instructor Essentials Course for teaching AHA ASLS training center (TC) faculty and instructors how to conduct the ASLS Blended Learning Course. The course incorporates large-group didactic sessions and small-group simulation sessions for instructor candidates and covers course administration, logistics, learner management, and the sections of the skills evaluation component of ASLS Blended Learning. *As of May 31, 2026: 2,396 Instructors have been trained.*
- Advanced Stroke Life Support (ASLS®) Blended Learning 2022-Present
Role: Curriculum Developer, Lead Author, UM GCSIMEd Project Manager and Faculty
 I led this large curriculum development project for the UM Gordon Center to develop and disseminate an updated, comprehensive, blended learning stroke course for healthcare professionals. The program is a collaboration between the American Heart Association / American stroke Association and the Gordon Center. The course includes two components: 1. An innovative, AI-driven, adaptive, competency-based. eLearning course and 2. A three-part skills evaluation component that includes standardized patient and manikin-based simulation for stroke identification and management. There are three curricula as part of the program for Prehospital, Hospital-based, and Combined healthcare professionals. The course was launched in 2022 with widespread adoption throughout the thousands of AHA and ASLS training centers in the US and the world. The stroke education programs collaborative's goal is to improve patient outcomes in this devastating disease through education of healthcare providers and capacity-building globally.
<https://cpr.heart.org/en/cpr-courses-and-kits/healthcare-professional/asls-course>.
As of May 31, 2026: U.S. Training Centers: 368, States: 48, International Training Centers: 126, Countries: 23. Total Providers & Instructors Trained: 14,986.
- Emergency Medical Skills for Medical Students Course (NextGenMD) 2021-Present
Role: Course Co-Developer and Faculty
 This 6-week, simulation-based curriculum focuses on emergency medical skills for medical students as they transition to their clinical clerkships. Topics include initial assessment, airway management, shock, altered mental status, basic life support (BLS), management of hemorrhage, allergic reactions, chest pain, and several procedures. The course incorporates didactic sessions, skills training and simulation scenarios.
- Stroke Care During the COVID-19 Pandemic (American Heart Association) 2020-2022
Role: Lead Author and Editor
 Developed and implemented, in collaboration with the American Heart/American Stroke Association, an adaptive, AI-driven eLearning course during the COVID-19 Pandemic. The goal of the course was to inform and empower health care professionals to safely apply evidence-based and guideline-directed care and implement effective systems and processes for stroke patients amidst a global pandemic in order to reduce delays and provide the highest level of quality care possible. *Number of Participants/Course Completions as of March 3, 2021: 3,089.*

- Assessment Program for CVL Placement – Surgical Critical Care Fellowship 2019-Present
Role: Course Developer and Faculty
This simulation-based central venous catheter training and assessment was developed in response to an identified need by the Medical Director of the Surgical ICU and the Fellowship Director of the Surgical Critical Care Fellowship. This program is focused on baseline assessment of incoming surgical critical care and surgical nutrition fellows to evaluate CVC placement skills and determine mastery and need for additional training prior to independent practice. Feedback on best practices and individual skills is provided to each participant.
- Quality Improvement Program for CVL Placement in Surgery Residents 2019-2021
Role: Course Co-Developer and Faculty
This simulation-based central venous catheter training and assessment was developed in response to an identified need by the surgery residency program director and the Surgical ICU Director. The curriculum that includes didactics, simulation-based skills practice and assessment using a Mastery Learning model.
- Advanced Stroke Life Support EMS Global Initiative (Angels) 2019-Present
Role: Lead Author, UM GCSIMEd Project Manager, and International Faculty
This course is an eLearning program for training EMS providers in the rapid identification and initial management of patients with stroke. The course has been translated into 17 languages and disseminated worldwide in collaboration with the Angels Foundation initiative. *As of July 13, 2026: Registered Users: 49,136, Completions: 36,242, Total Countries: 103, Total Organizations: 4,103.*
- Simulation and Medical Education GME Elective 2019-2023
Role: Developer, Course Co-Director, Faculty and Mentor
This elective is a 2-week or 4-week program for residents interested in medical education and simulation. It incorporates didactics readings, observation of a variety of educational activities, and participation as an instructor and facilitator for simulation sessions. Opportunities for research are also available to the residents who participate in the elective.
- UMMSM Transition to Residency Course 2019-Present
Role: Course Planner and Faculty
This 2-4 week course for graduating medical students focuses on preparation for the transition to residency and internship. The course consists of didactic sessions, and several small group simulations, along with objective structured clinical examinations for evaluation of clinical management and skills. In addition to serving as simulation faculty, I am involved in the planning, and my Division provides a large amount of support through simulation activities and instruction in resuscitation and acute care.
- Essential Stroke Life Support (ESLS®) Instructor-Led Course 2019-2025
Role: Course Developer/Author, Course Director, and Faculty

This is a 4-hour, combined didactics and hands-on skills course for EMTs, nurses, home health aides, and others who work with patients at high risk for stroke. The course focuses on initial assessment, detection, and the first minutes of management of an acute stroke patient. This course was phased out and replaced by the Essential Stroke Life Support (ESLS®) Blended Learning (see above) in 2025.

- Tactical and Medical Response to Active Shooter Hostile Events 2018-Present
Role: Planning Committee, Author, and Faculty
 This is an 8-hour course for fire rescue, paramedics, law enforcement officers, and other non-medically trained first responders on the tactical and medical care interventions that can save injured civilians' and responders' lives. The course incorporates the latest practices from military and SWAT/tactical medics, local law enforcement agency protocols, and scenario- and simulation-based, hands-on training exercises.
- Rapid Sequence Intubation (RSI) Course 2018-Present
Role: Curriculum Developer, Lead Author, Course Director, and Faculty
 This simulation-based education program is designed to train participants in the management of acute airway emergencies requiring advanced airway management and rapid sequence intubation, including induction and paralytics. Target audience includes paramedics, fire rescue, nurse anesthetists, emergency medicine residents, and practicing physicians. It incorporates a combination of interactive didactic sessions, hands-on skills sessions, and simulation scenarios.
- Clinical Medicine I & II 2018-Present
Role: Curriculum Co-Developer and Faculty
 This course is for undergraduate pre-med students in the Health Professions Mentoring (HPM) program. In conjunction with the UMMSM Office of Belonging and Inclusive Excellence, one of this program's goals is to increase the number of under-represented students applying to medical school. The curriculum component of simulation sessions at the Gordon Center was adapted from the Emergency Medical Skills for Medical Students curriculum that I had previously developed. These include teamwork and procedural skills such as Basic Life Support, suturing, intravenous cannulation, tourniquet application, and triage for mass casualty events.
- Emergency Medical Services Point of Care Ultrasound Course and Workshop 2017-Present
Role: Curriculum Developer, Lead Author, Course Director, and Faculty
 This course focuses on teaching paramedics and flight nurses how to use ultrasound at the patient's bedside to help make management and transport decisions. It is an 8-hour, face-to-face curriculum that incorporates didactic sessions, hands-on ultrasound skills stations with standardized patients to acquire and interpret images, simulation for ultrasound pathology, and interactive cases. The course focuses on teaching the fundamentals of bedside ultrasonography, as well as the use of US in trauma. This past year the course was updated and I developed an additional module on the use of US in cardiac resuscitation.
- Advanced Medical Life Support (AMLS) 2017-2019
Role: Site Medical Director and Faculty
 AMLS is an 8-hour course used to train EMTs, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians in common medical emergencies and care of the

critically-ill patient. We conducted this course for paramedics from fire rescue departments throughout South Florida.

- UM-JMH Emergency Medicine (EM) Residency 2016-Present
Current Role: Core Faculty
Previous Roles: Associate Residency Program Director for Simulation Education and Assessment, Program Planning and Evaluation Committee Member, Clinical Competency Committee, and Core Faculty (2016-2019)
Developed and implemented a comprehensive, simulation education curriculum for new EM residency which was the first of its kind at UM-JMH. Additionally, I developed and implemented initial and follow-up cognitive and skills assessments based on ACGME core competencies, milestones, and the American College of Emergency Physicians (ACEP) clinical practice of EM model to create individualized learning plans for each resident. As part of the Planning and Evaluation Committee, I helped with program evaluation, developed curriculum, and devised evaluation components of the overall program. Although I still serve as core and clinical faculty for the program, I have had to transfer many of these responsibilities to more junior faculty due to increased Gordon Center responsibilities.
- University of Miami MD Program Emergency Medicine Curriculum 2015-2021
Role: Longitudinal Curriculum Developer and Faculty
This program involves several educational components, including didactic lectures, small group skills sessions and case discussions related to teaching medical students emergency medicine components throughout all four years. Topics include introduction to emergency response, approach to respiratory emergencies, introduction to disaster response, mass casualty triage, pediatric trauma, Basic Life Support (BLS), and Advanced Cardiac Life Support (ACLS). Note, parts of this longitudinal curriculum were phased out in the transition to the NextGenMD curriculum in 2021 and are incorporated in the new Emergency Medical Skills for Medical Students course.
- White House Medical Unit (WHMU) Trauma and Acute Care Simulation Training 2014-Present
Role: Curriculum Developer, Lead Author, Course Director, and Faculty
This training is part of a 1-week rotation for members of the White House Medical Unit (active-duty military healthcare professionals from all branches) at UM-JMH and Ryder Trauma Center. I serve as the curriculum developer and lead faculty for the simulation-based training curriculum that is used to train Paramedics, Nurses, Nurse Practitioners, Physician Assistants, and Physicians in emergency skills, simulation scenarios in trauma and medical emergencies, and additional skills practice throughout the rotation as requested. This year I updated and revised all the simulation scenarios due to a new administration coming in to office.
- University of Miami MD/MPH Program Disaster Response Curriculum 2014-2021
Role: Longitudinal Curriculum Developer, Course Co-Director, and Faculty
In response to an identified educational need, I developed a comprehensive, competency-based disaster response and public health emergency curriculum working in concert with the program director and senior MD/MPH students as part of their Capstone Practicum Projects. The curriculum is woven through all 4 years of training and includes several practical and simulation-based exercises, as well as didactic and e-Learning components, including Introduction to Disaster Response, Mass Casualty Triage, Emergency Response to Terrorism/Personal Protective

Equipment Training, Tabletop Exercise in Hurricane Response, and large-scale, interprofessional disaster exercise.

- Interprofessional Patient Safety Training 2013-Present
Role: Course Co-Director/Planning Committee, Simulation Scenario Developer, and Faculty
This is a one-week course for medical and nursing students given in their transition to the clinical setting. It focuses on patient safety principles and uses several simulations with debriefing, in addition to didactic lectures, self-learning, and small group exercises.
- Tele-Training for Healthcare Providers in Remote Locations 2013-2019
Role: Content Developer and Faculty
This innovative and new endeavor was created to provide continuing education using telemedicine technology to healthcare providers (EMTs, Paramedics, Nurses, Nurse Practitioners, Physician Assistants and Physicians) stationed in remote locations and who provide medical support for the United States Department of State personnel. Throughout the duration of the initiative, I developed and delivered many presentations and workshops in emergency medicine topics ranging from acute coronary syndromes, airway management, stroke, drowning, trauma, obstetrical and pediatric emergencies, and many more.
- Emergency Medical Skills for Medical Students 2012-2020
Role: Course Developer/Author, Course Director, and Faculty
I developed this intensive 2-week, simulation-based clinical skills course for 4th-year medical students transitioning to clinical clerkships, designed to accelerate competency in high-stakes emergency scenarios. The curriculum integrates didactic sessions, hands-on procedural skills training (airway management, central venous access, resuscitation), and high-fidelity simulation scenarios in pediatric and obstetric emergencies, trauma management, and interprofessional team dynamics. Annually, 60–80 medical students participate, with post-course surveys demonstrating significant improvements in clinical confidence, procedural competence, and readiness for residency training. This course has been adopted as a required transition component for all emergency medicine-bound residents and serves as a model for other surgical and critical care specialties.
- Rapid Response Team Training (RRTT) 2011-Present
Role: Course Developer, Course/Quality Improvement Program Director, and Faculty
I developed and direct this interprofessional quality improvement program designed to improve emergency response and patient outcomes in hospital and clinical settings. The 4-hour curriculum combines interactive didactics, high-fidelity simulation scenarios, and structured debriefing to train rapid response teams in early recognition and management of acutely decompensated patients. After a systematic needs assessment with clinical units, customized scenarios are developed and delivered to UHealth personnel and external healthcare systems; since 2011, over 2,000 healthcare professionals have participated, with post-training surveys demonstrating improved teamwork skills and clinical decision-making. This program has been recognized as a best-practice model for rapid response team competency development.
- First Five Minutes (FFM) Training 2011-Present
Role: Course Developer, Quality Improvement Program Director, and Faculty

This course is part of a larger quality improvement clinical program which I developed and lead with the goal to improve response to emergencies in healthcare settings. It focuses on early recognition of deteriorating or critically ill patients, and the first few minutes of care before the response team arrives. It is a 2.5-hour course that involves didactics, initial response skills, and simulation scenarios with debriefing.

- Acute Critical Events Simulation (ACES) 2011-Present

Role: Course Developer, Quality Improvement Program Director, and Faculty

This course is part of a larger quality improvement clinical program designed to improve response to emergencies in healthcare settings while identifying latent safety threats and system vulnerabilities. The curriculum focuses on training healthcare teams in how to optimally respond to, and care for, the acutely ill or decompensated patient. This component involves in-situ simulations in the clinical setting that evaluates clinical management, teamwork, and organizational systems response to realistic scenarios. Through simulation, the program systematically identifies workflow gaps, communication breakdowns, and process vulnerabilities.

The specific simulation scenarios are developed after a needs analysis is conducted with target clinical areas and organizations. Following each training, a comprehensive report with detailed analysis of performance is provided, including specific recommendations for process and systems improvements, such as protocol revisions, equipment accessibility modifications, role clarifications, and communication pathway enhancements. This course is held regularly at UHealth and other healthcare facilities and the program has been adopted as a best-practice quality improvement model across multiple organizations.

- Advanced Stroke Life Support (ASLS®) Instructor Course (ILT) 2011-2023

Role: Course Developer/Author, Course Director, and National Faculty

This course was developed to train physicians, nurses, and paramedics how to teach the Advanced Stroke Life Support provider course to prehospital and hospital-based healthcare educators. The course focuses on teaching methodologies for large-group sessions, skills and small group simulation training, and video-case scenarios. It incorporates a practicum presentation by all instructor candidates with robust feedback from instructor trainers. It is used to train ASLS instructors throughout the United States and in the UK, Mexico, and Hong Kong. The course is comprehensively updated every 5 years and I lead the working group of subject matter experts to revise the course content, including didactic lectures, skills, scenarios, cases, and learner/instructor manuals. *This course was replaced by ASLS Blended Learning in 2023.

- Pediatric Education for Prehospital Providers (PEPP) 2010-2014

Role: Course Director and Faculty

This is an 8-hour course that teaches paramedics the initial evaluation and management of the ill pediatric patient. It incorporates large-group didactics as well as skills stations and simulation scenarios. We conducted this course for paramedics from fire rescue departments throughout South Florida.

- Prehospital Trauma Life Support (PHTLS) 2010-2014

Role: Course Director and Faculty

This is a 16-hour course that teaches paramedics the initial evaluation and management of the trauma patient. It incorporates large-group didactics as well as skills stations and simulation scenarios. It is accredited for 16 hours of continuing education credits for paramedics. We conducted this course for paramedics from fire rescue departments throughout South Florida.

- Emergency Medicine Skills for 1st and 2nd Year Medical Students 2009-2019
Role: Course Developer/Author, Course Director, and Faculty
This series of workshops and problem-based learning (PBL) cases were developed for the first- and second-year MD/MPH and MD track UMMSM students to introduce them to the approach to the acutely ill patient. Topics include responder safety, airway management, basic life support (BLS), management of hemorrhage, allergic reactions, chest pain, and intravenous access. The workshops incorporate didactics sessions, skills training, and simulation scenarios. This content was incorporated into the new structure of the UMMSM NextGenMD curriculum.
- Improving Simulation Instructional Methods(iSIM) 2009-Present
Role: Course Developer/Author, Course Director, and National Faculty
This two-day faculty development program is designed to build foundational and advanced skills in simulation-based healthcare education for clinicians, educators, and simulation professionals across disciplines. Developed in collaboration with the University of Pittsburgh WISER Center, iSIM has been disseminated nationally and internationally for over 17 years and remains one of the most widely offered simulation faculty development courses in the country. The curriculum integrates evidence-based principles of adult learning, simulation design, scenario development, prebriefing, and structured debriefing, with an emphasis on hands-on practice and active participation throughout. Participants engage in facilitated simulation runs with immediate structured feedback on their facilitation and debriefing technique, allowing iterative skill development within the course itself.
Since its inception at the UM Gordon Center, iSIM has been delivered to faculty and educators from academic medical centers, community hospitals, nursing schools, allied health programs, fire rescue and EMS agencies, military simulation programs, and simulation centers throughout Florida and across the United States, including invited delivery at the US Air Force School of Aerospace Medicine at Wright-Patterson AFB and at institutions invited by the Florida Healthcare Simulation Alliance. The program has trained hundreds of simulation educators and has served as the foundational faculty development experience for the Gordon Center's own instructor corps, many of whom have gone on to lead simulation programs, publish in the field, and present at national and international conferences.
- Mass Casualty Triage eLearning and Blended Learning 2009-Present
Role: Course Developer/Author, Course Director, and National Faculty
This course was developed in partnership with the Florida Department of Health to provide critical training in triage during mass casualty events or disasters, in which the needs are greater than resources and healthcare personnel available. The course consists of an eLearning curriculum, a serious game, and practical, in-person teaching and exercises. It has been used to train thousands of first responders and healthcare personnel in Florida and beyond.
- Airway Management Principles and Practice (AMPP) Instructor Course 2009-Present
Role: Course Developer/Author, Course Director, and National Faculty

This course was developed to train physicians, nurses, and paramedics how to teach the Airway Management: Principles and Practice provider course to prehospital and hospital-based healthcare educators. The course focuses on teaching methodologies for large-group sessions, skills and small group simulation training, and case scenarios. It incorporates a practicum presentation by all instructor candidates with robust feedback from instructor trainers. The course is comprehensively updated every 5 years, and I lead the working group of subject matter experts to revise the course content, including didactic lectures, skills, scenarios, cases, and learner/instructor manuals.

- Airway Management Principles and Practice (AMPP) 2008-Present
Role: Course Developer/Author, Course Director, and National Faculty
 This course has been disseminated throughout the state of Florida to train paramedics and flight nurses in the optimal management of airway and respiratory emergencies. It is an 8-hour, simulation-based course incorporating didactic sessions, small group skills stations, simulation scenarios and challenging immersive cases. The course content includes multiple airway adjuncts, capnography interpretation, and cricothyrotomy. I also lead the working group of subject matter experts who revise the course content, including didactic lectures, skills, scenarios, cases, and learner/instructor manuals.
- University of Miami Emergency Medicine Clerkship 2008-Present
Role: Session Developer and Faculty
 I direct and teach the 3-hour airway skills training session, basic life support training, and advanced cardiac life support training for the medical students during their emergency medicine clerkship. In addition, I serve as faculty for the central venous cannulation training and simulation sessions for teaching and assessment. I also serve as preceptor for case presentations.
- Acute Coronary Syndromes & 12-Lead ECG Interpretation Instructor Course 2008-Present
Role: Course Developer/Author, Course Director, and National Faculty
 This course was developed to train healthcare educators how to teach the Acute Coronary Syndromes provider course to prehospital and hospital-based healthcare providers (e.g., physicians, nurses, and paramedics). The course focuses on teaching methodologies for large-group sessions, small group simulation training, and case scenarios. It incorporates a practicum presentation by all instructor candidates with robust feedback from instructor trainers.
- Pediatric Advanced Life Support (PALS) 2008-Present
Role: AHA Training Center Medical Director and Faculty
 I direct and teach this American Heart Association course, training paramedics, nurses, medical students, and physicians in systematic recognition and management of pediatric emergencies and cardiac arrhythmias. Under my medical directorship, our training center has expanded scope and disseminated the course to multiple healthcare systems and fire rescue departments throughout South Florida, training an average of 800 providers annually. I lead clinical competency review and course updates to ensure alignment with current AHA/ILCOR resuscitation guidelines.
- Advanced Trauma Life Support (ATLS) 2008-Present

Role: Faculty

I teach and mentor residents, fellows, and practicing physicians in emergency medicine, pediatrics, and surgery from around the world in this 16-hour, internationally standardized trauma management course. The course emphasizes systematic, evidence-based initial assessment and resuscitation of the traumatized patient, incorporating didactic lectures, skills stations, and simulation scenarios.

- Advanced Stroke Life Support (ASLS®) for Prehospital and Hospital Providers 2007-2023

Role: Course Developer/Author, Course Director, and International Faculty

This 8-hour, in-person, instructor led curriculum has been the gold standard course for training healthcare personnel in the detection, management, and secondary prevention of stroke. It is disseminated through a train the trainer model and currently there are more than 125 training centers and greater than 1,100 active instructors throughout the world who train nearly 10,000 learners annually. The course has been sponsored by the American Heart and American Stroke Association, as well as several US States' Departments of Health to train healthcare providers on the recognition and management of Acute Stroke. Additionally, I have led several collaborative efforts in the U.S. and internationally to adapt or expand the course reach. The course is comprehensively updated every 5 years and I lead the working group of subject matter experts to revise the course content, including didactic lectures, skills, scenarios, cases, and learner/instructor manuals. *This course was retired and replaced by ASLS Blended Learning in 2023.

- Acute Coronary Syndromes and 12-Lead ECG Interpretation (ACS) 2007-Present

Role: Course Director and National Faculty

This course teaches a rapid and systematic approach to the evaluation and management of patients with acute coronary syndromes (ACS). Pathophysiology, clinical assessment, 12-lead ECG performance and interpretation, indications and contraindications for thrombolytic therapy, and field treatment are reviewed. The course emphasizes the standard of care as outlined in guidelines from the American College of Cardiology and the American Heart Association. The course is comprehensively updated approximately every 5 years and I lead the working group of subject matter experts to revise the course content, including didactic lectures, skills, scenarios, cases, and learner/instructor manuals. This year, the course was revised and adapted for several fire rescue departments, including Pembroke Pines Fire Rescue and City of Miami Fire Rescue. Additionally, our program in collaboration with the Arkansas Department of Health continued and Florida State Colleges continued.

- Advanced Cardiac Life Support and Basic Life Support 2007-Present

Role: Medical Director and Faculty

I serve as the medical director and faculty for our American Heart Association training center which trains over 2,000 providers in basic life support and advanced cardiac life support annually. In addition to serving as medical director and faculty, I also lead the AHA instructor updates that occur every five years when ILCOR guidelines and course materials are updated.

- US DoD Army Trauma Training Course (ATTC) 2007-Present

Role: Educational Consultant

The ATTC is based out of the Gordon Center and the UM/JMH Ryder Trauma Center provides pre-deployment training for the Army's Forward Resuscitative Surgical Teams (FRSTs). The UM Gordon Center faculty have participated as curriculum and educational methodologies consultants in program evaluation and improvement. The ATTC Cadre participate in our simulation education faculty development courses, and I have participated in their large-scale exercises to provide feedback and curriculum guidance of their simulation scenarios and approach to debriefing.

- Emergency Response to Terrorism Training (ERT) 2007-Present
Role: Course Director and Faculty
 I serve as lead faculty and medical director for this Florida Department of Health–designated primary curriculum for training emergency providers in tactical medical response, hazardous materials management, and evidence-based care during terrorist events and mass casualty incidents. The course employs an innovative blended learning model: a comprehensive online adaptive eLearning component paired with an 8-hour hands-on simulation-based skills session incorporating realistic scenarios and interprofessional team training. Since program inception, over 15,000 EMTs and paramedics across Florida have been trained. This program represents a major state-level public health emergency preparedness initiative and is positioned for national dissemination.
- Catastrophic Health Incident Response Training (CHIRT) 2007-2011
Role: Course Director and Faculty
 This course is designated by the Florida Department of Health as the primary curriculum to train emergency providers to respond to catastrophic health incidents response to hurricanes and other natural disasters. This is an 8-hour interactive course. The course was given approximately 15 times a year. The course is accredited for 8 hours of continuing education credits for nurses and paramedics.
- University of Miami First Responder Course 2007-2018
Role: Lecture Developer and Faculty
 I teach lectures annually to first year medical students as part of the first responder course. I have given lectures on approach to poisonings, environmental emergencies, responder safety, orthopedic injuries and chest pain.
- Clinical Bedside Teaching for Residents, Fellows, Medical Students-UM/JMH 2005-Present
Role: Clinical Educator
 As an attending physician and core faculty in the emergency department at Jackson Memorial Hospital, I conduct bedside teaching for residents, fellows, medical students, and other allied health students during clinical shifts. This includes topic-based teaching, and presentation/disease-specific patient history, physical exam skills, critical decision-making, teamwork, and procedural skills.
- Clinical Bedside Teaching for Residents and Medical Students-BWH-MGH 2003-2005
Role: Clinical Educator
 As an attending physician and core faculty in the emergency department at Massachusetts General Hospital (MGH) and as a Clinical Chief Resident at Brigham and Women's Hospital

(BWH) and MGH, I conducted bedside teaching for residents, fellows, medical students, and other allied health students during clinical shifts. This included topic-based teaching, and presentation/disease-specific patient history, physical exam skills, critical decision-making, teamwork, and procedural skills.

30. Post-Doctoral, Faculty, Resident, Fellowship and Medical Student Advising and Mentoring:

Postdoctoral/Faculty:

- Nicholas Carter, MD. Assistant Professor of Surgery. Research mentorship in Simulation and Healthcare Education interventions and outcome studies. 2025-Present.
- Samia Barbar, MD. Healthcare Education and Simulation Fellow. Pediatric Cardiologist, University of São Paulo's Heart Institute. 2023-Present.
- Melissa Pergakis, MD. Assistant Professor of Neurology (Neuro Critical Care). Mentorship on Simulation Curriculum and Research. University of Maryland. 2023-2025.
- Jennifer Munoz-Pareja, MD. Assistant Professor of Pediatric Critical Care. Advice and guidance on developing remote simulation training program for neurocritical care globally. 2022-2024.
- Erika Marulanda-Londono, MD. Assistant Professor of Neurology. Advice and guidance on incorporating simulation-based education into the Neurology residency at UM/JMH. 2022-Present.
- Asit Misra, MD. Assistant Professor of Emergency Medicine – Educator Track. Dr. Misra joined our center as a junior faculty in 2021. Ongoing mentorship in research, education, administration in simulation-based healthcare education. Several research studies, national conference presentations, and successful grant applications. 2021-Present.
- Gerd D. Pust, MD. Associate Professor of Clinical Surgery. Research mentorship in Simulation and Healthcare Education interventions and outcome studies for surgery residents. 2020-2022.
- Ariana Wilkinson-Weber, MD. Assistant Professor of Emergency Medicine and Associate Medical Director Boston EMS. Career and Research Advisor and Mentor. 2020-Present.
- Patricia Panakos, MD. Emergency Medicine Attending at UM-JMH. Mentored junior faculty member in simulation education and research. Dr. Panakos went on to become the Assistant Program Director for the EM Residency. 2018-2019.
- Monica Alba-Sandoval, MD. Pediatric Critical Care Attending at UM-JMH. Mentor in project: "Integrating simulation into the Pediatric Critical Care Curriculum." Currently serves as the Pediatric Residency Program Director at UM/JMH. 2014-2016.
- Young Mi Lee, RN, PhD. Research Fellow at the Gordon Center for Research in Medical Education. Research Project: "Developing a simulation-based curriculum for nurses and advanced practice nurse practitioners in Korea." 2013-2014.
- Sin Weon Yun, MD, PhD. Research Fellow at the Gordon Center for Research in Medical Education. Research Project: "Developing a simulation-based curriculum for medical students in Korea." 2013-2014.
- Hector Rivera, MD. Internal Medicine Resident in Simulation Research Track at UM/JMH and Gordon Center for Research in Medical Education. Research Project: "Advanced Stroke Life

Support national implementation of a prehospital stroke training program in Mexico and its impact on healthcare providers' knowledge and self-confidence." 2010-2013.

- Luke Devine, MD. Research Fellow at the Gordon Center for Research in Medical Education. Research Project: "Implementation of simulation into resuscitation and team training education." 2011.
- Hyun Soo Chung, MD. Research Fellow at the Gordon Center for Research in Medical Education. Research Project: "Developing a simulation-based critical care curriculum for medical students and residents." 2010-2012
- Young Sook Roh, RN, PhD. Research Fellow at the Gordon Center for Research in Medical Education. Research Project: "Developing a simulation-based critical care curriculum for graduate nursing students." 2010-2011.
- Hyung-Jeong Kim, DDS, PhD. Research Fellow at the Gordon Center for Research in Medical Education. Research Project: "Development of a simulation training program for dental emergencies." 2010
- Angel Brotons, EMT-P. Director of Training Operations and Instructor Development at the Um Gordon Center. 2007-Present.

GME: Residents and Fellows:

- Talia Arceri, MD. Surgery Resident at UM/JMH. Research mentorship. 2025-Present.
- Kristina Jacomino, MD. Emergency Medicine Resident at UM/JMH. Formal Career and Residency Advisor. Completed Ultrasound Fellowship at George Washington University and is Assistant Director of Ultrasound at Advent Health. 2017-2020.
- Ariana Wilkinson-Weber, MD. Emergency Medicine Resident at UM/JMH. Completed EMS Fellowship at Boston Medical Center and is Assistant Professor of Emergency Medicine and Associate Medical Director Boston EMS. 2016-2019.
- Natalia Alvarez, MD. Emergency Medicine Resident at UM/JMH. Formal Career and Residency Advisor. EMS Fellowship at UCLA. 2016-2019.

Medical Students:

Medical Student Career and Research Advising and Mentorship:

- Eva O'Brien, Class of 2025 MD/MPH Program. Career mentoring. Match: Harvard Affiliated EM Residency.
- Olga Chamberlain. Class of 2023 MD/MPH Program. Career mentoring.
- Leah Collucci. Class of 2021 MD Program. Career mentoring. Match: Yale New Haven Hospital EM Residency
- Kasha Bornstein. Class of 2021 MD/MPH Program. Match: LSU – Combined IM/EM.
 - MD/MPH Capstone Advisor and EMS Program
- Todd L. Jackson. Class of 2020 MD/MPH Program. Match: Emory University EM.
 - MD/MPH Capstone and Research Advisor.
- Casey McGillicuddy. Class of 2019 MD/MPH Program. Match: Advent Health EM.

- MD/MPH Capstone and Research Advisor: Developing a Interprofessional simulation-based disaster exercise for MD/MPH and nursing students.
- William Patterson. Class of 2018 MD Program. Career mentoring.
- Joshua Ring. Class of 2017 MD Program. Career mentoring.
- Samuel Beckerman. Class of 2017 MD Program. Career mentoring.
- Aaron Patzwahl. Class of 2016 MD Program. Career mentoring.
- Laura Scheidt. Class of 2016 MD/MPH Program. Match: UM/JMH EM Residency
 - MD/MPH Capstone Project Advisor: Developing an educational intervention on competencies During the Disaster and Tabletop Exercise. Resident in the inaugural UM/JMH EM Residency class.
- Chase Knickerbocker. Class of 2015 MD/MPH Program. Match: Mt. Sinai Medical Center Surgery Residency.
 - MD/MPH Capstone Project Advisor: Developing a comprehensive curriculum for *Disaster Medicine and Public Health Emergencies* for the UMMSM MD/MPH Program.
- William A. Burns. Class of 2015 MD Program. Match: Navy Medicine Surgery.
 - Research Project: Usability and effectiveness of a mobile curriculum for the management of patients during a disaster response. Presented at the 2014 Military Health Services Research Symposium. August 2014. Ft. Lauderdale, FL.
- Morgan Mandigo. Class of 2015 MD Program. Career mentoring.
- Kristy Whyte. Class of 2015 MD Program. Career mentoring.
- Myra Aquino. Class of 2015 MD Program. Career mentoring.
- Stephanie Coe. Class of 2015 MD Program. Match: Carolinas Medical Center EM Residency.
 - Research Project: An e-Learning Curriculum Linked with an Immersive Simulation Game is Effective in Teaching Mass Casualty Triage in Disaster Response. Presented at the International Meeting on Simulation in Healthcare. January 2013, Orlando, FL.
 - Received John K. Robinson Grant for presenting student research.
- Nicole Mailloux. Class of 2015 MD Program. Match: Orlando Regional Medical Center
 - Research Project: Correlation of the Miami Emergency Neurologic Deficit (MEND) Exam Performed in the Field by Paramedics with an Abnormal NIH Stroke Scale and Final Diagnosis of Stroke for Patients Airlifted from the Scene. In progress.
- Sean Murphy. Class of 2013- Match: University Arizona COM EM Residency
 - Research Project: Effectiveness of a one-day, case-based, hands-on simulation course for enhancing EMS provider knowledge in emergency airway assessment and management. Presented at the American College of Emergency Physicians Scientific Conference. Oct. 2012, Denver, CO.
 - Received John K. Robinson Grant for presenting student research.
- Jared Roeckner. Class of 2013- Match: University of Florida COM, Jacksonville, FL.
 - Research Project: Implementing and Measuring Efficacy of a Capnography Simulation Training Program for Prehospital Healthcare Providers. Oral presentation at the Society for Academic Emergency Medicine Meeting May 2012, Chicago, IL.
 - Received John K. Robinson Grant for presenting student research.
- Graham Ingalsbe. Class of 2013- Match: Denver Health Med Center, Denver, CO.
- Michael Uguccioni. Class of 2013- Match: Cook County-Stroger Hospital, Chicago, IL.
- Vivian Urbietta. Class of 2012- Match: Cook County-Stroger Hospital, Chicago, IL.
- Kristen Dunlap. Class of 2012- Match: Orlando Health, Orlando, FL.

- Amy Sanderson. Class of 2012- Match: Staten Island University Hospital, NY.
- Aldo Gutierrez. Class of 2011- Match: Mount Sinai Hospital, NY.
- Sabrina Scott. Class of 2011- Match: University of South Florida COM, Tampa, FL.
- Kathryn Guffrey. Class of 2011- Match: Case Western/University Hospitals Case Medical Center, OH.
- Albin Xavier. Class of 2010- Match: Einstein/Jacobi Med Ctr-NY
- Reginald Saint-Hilaire. Class of 2010 and General Surgery Resident at UM/JMH. Emergency Medicine Match in 2012- University of Chicago.
 - Mentored him as a medical student and again as a general surgery resident in his transition to a residency and career in emergency medicine.

EMS and Nursing Faculty and Instructors:

- Since 2007 I have served as a mentor to our EMS and Nursing faculty and instructors who help teach all our courses and programs throughout the world. I develop and deliver faculty development sessions several times a year. On average we have 50-60 part-time instructors every year.
- I provide advising to the UHealth nurse educator and professional development team regarding simulation-based training and response to emergencies.

VII. SERVICE

31. University Committee and Service:

a. Committees/Councils/Task Forces

- | | |
|---|--------------|
| • UMMSM Copilot AI Champions Team | 2025-Present |
| • UMMSM Recognition of Educational Contributions Committee – Reviewer | 2025-Present |
| • UMMSM Medical School Admissions Committee | 2024-2025 |
| • C-Change 2.0 – Office of Faculty Affairs Action Team | 2024-Present |
| • UHealth Community Health Needs Assessment Implementation Plan | 2024-Present |
| • Project Ignite: Simulation & Innovation Subcommittee | 2022-2024 |
| • UHealth Emergency Response Committee | 2020-Present |
| • Task Force on Racial Justice | 2020-2023 |
| • Next Generation Medical Education Task Force | 2019-2022 |
| • Culture Change (C-Change) Gender Equity Action Team | 2019 |
| • Advisory Council, Educational Development Office | 2017-2022 |
| • Advisory Council, Women in Academic Medicine | 2017-Present |
| • Dean’s Diversity Task Force/Council | 2016-2024 |
| • Interprofessional Education Task Force | 2016-2022 |
| • UM-JMH EM Residency Clinical Competency Committee | 2016-2020 |
| • UM-JMH EM Residency Selection Committee | 2015-2020 |

- UM-JMH EM Residency Planning and Evaluation Committee 2015-2020
- Vice President, Women in Academic Medicine 2014-2017
- Search Committee Emergency Medicine Division Chief 2011-2012
- Continuing Medical Education Advisory Committee 2010-2016
- Medical School Admissions Committee 2009-2011
- Chair, Grand Rounds Committee, Jay Weiss Center for Global Health Equity 2007-2008
- Grand Rounds Planning Committee, Jay Weiss Center for Global Health Equity 2006-2007
- Chair, JMH ECC Radiology Throughput and Triage Improvement Committee 2006

b. Service

- Emergency Medicine Representative for Annual Program Directors Mtg. 2010-2022
- Faculty Advisor for Emergency Medicine Student Association 2010-2021
- Student individual career counseling in Emergency Medicine (See above) 2008-Present
- UMMSM Career sessions 2008-Present
- NRMP Supplemental Offer and Acceptance Program Advisor 2008-2025
- American Medical Women's Association Faculty Mentor 2007-Present
- Competency Weeks Student Mentor MS-1 and MS-2 2006-2018

32. Community Activities:

- Public Education on Stroke Initiatives in Collaboration with the Florida Stroke Coalition. 2024-Present.
- COVID-19 Taskforce Physician. The Cushman School. Miami, FL. 2020-2022.
- Dolphins Cancer Challenge- Rider and Fundraiser. 2020, 2021, 2022, 2023.
- School and Community student programs on the intersection of healthcare education and technology. Sunset High School, Edison High School EMS Program, FL Keys High School Medical Core, APSA High School, Big Brothers/Big Sisters, Miami Dade College Nursing Program, The Cushman School. 2015-Present
- Columbia University South Florida Volunteer Interviewer for Admissions, Alumni Representative Community. 2017-2024.
- Science Fair Judge. The Cushman School. 2015
- National Youth Leadership Forum. Hosted 150 high school students from all over the U.S. in an Introduction to Medical Education and Simulation Seminar. 2013, 2014, 2015.
- "Push CPR" Community Initiative Planning Committee – Florida Heart Research Institute and City of Miami Fire Rescue, Miami-Dade County, FL. 2012-Present
- MAST Academy Summer Internship Preceptor. 2012.
- Presenter, CPR Community Presentation, Delray Beach, FL. 2008
- Member and Presenter on Stroke Education for Healthcare Providers, Miami-Dade Stroke Coalition, Miami, FL. 2007-2011

- Presenter, CPR Community Presentation, Boca Raton, FL. 2007
- Presenter, "Navigating an ED Visit," Friends for Life. Woodlands, Tamarac, FL. 2007
- Presenter, "*Seat Belt Use in Teenagers*," Codman Academy High School, Boston, MA. 2005
- Volunteer Medical Staff, Avon Breast Cancer Walk, Boston, MA. 2005
- Science Fair Judge, City on a Hill, Boston, MA. 2005
- Co-organizer, Lecture series and poster presentation- "Women in Medicine". University of Rochester School of Medicine and Dentistry, Rochester, NY. 1998-2000
- Volunteer, North Clinton Family Health Clinic, Rochester, NY. 1996-1998
- HIV/AIDS Educator, local community schools, shelters and group homes about HIV/AIDS. Rochester, NY. 1997
- Translator, HIV/AIDS Curriculum into Spanish. University of Rochester School of Medicine and Dentistry HIV/AIDS education initiative, Rochester, NY. 1996-1998
- Organizer, 5K race to benefit Alternatives for Battered Women, Rochester, NY. 1998
- Organizer, Basketball tournament to benefit the Rosa Wims Community Center, Rochester, NY. 1997
- Volunteer EMT, Columbia Area Volunteer Ambulance, Columbia University, New York, NY. 1991-1995
- Volunteer, St. Luke's-Roosevelt Hospital Emergency Department, New York, NY. 1991-1995