

PAUL EDWARD PHRAMPUS, MD, MBA, CPE FACEP, FSSH
CURRICULUM VITAE

BIOGRAPHICAL

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|--------------------------|--|---------------------|---------------------|
| Home Address: | 7059 Bennington Woods Drive Pittsburgh, PA 15237 | Birth Date: | February 13, 1964 |
| | | Birth Place: | Vineland, NJ |
| Home: | Telephone (412) 318-5505 | Citizenship: | USA |
| Business Address: | 230 McKee Place Suite 300 Pittsburgh, PA 15213 | email: | phrampuspe@upmc.edu |
| | | Fax: | (412) 648-6190 |
| Business Phone: | (412) 648-6073 | | |
| Mobile: | (412) 651-2240 | | |

EDUCATION and TRAINING

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|--|---|-------------|
| Undergraduate: 1988–1990 | Tidewater Community College Nationally Registered Paramedic Virginia State Certified Cardiac Technician | |
| 1988-1993 | Old Dominion University - Norfolk, VA | BS, Biology |
| Graduate: 1993-1997 | Eastern Virginia Medical School - Norfolk, VA | MD |
| 2023 September | University of Massachusetts - Amherst, Master of Business Administration | |
| Post Graduate: June 1997–June 2000 | University of Pittsburgh Affiliated Residency in Emergency Medicine | |
| March 2006 | American College of Emergency Physicians Teaching Fellowship | |

APPOINTMENTS AND POSITIONS

ACADEMIC / LEADERSHIP

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|------------------------|---|
| August 2020 – Present | Medical Director, University of Pittsburgh, Physician Assistant Hybrid Program |
| April 2018 – Present | Professor, University of Pittsburgh School of Medicine, Department of Emergency Medicine (Primary Appointment) and Anesthesiology (Secondary Appointment) |
| June 2017 – April 2020 | Visiting Professor Appointment, Taipei Medical University, Taipei, Taiwan |

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| January 2015 – Present | Medical Director, Patient Safety, UPMC Health System |
| May 2013 – May 2016 | Visiting Professor Appointment, Taipei Medical University, Taipei, Taiwan |
| August 2010 – Present | Medical Director, UPMC Center for Quality, Safety, & Innovation |
| July 2010 – Present | Vice Chair, Quality and Patient Safety, Department of Emergency Medicine, University of Pittsburgh and UPMC Health System |
| February 2009 – Present | University of Pittsburgh School of Medicine Academy of Master Educators (AME) (Now Academy of Distinguished Educators) |
| September 2008–April 2018 | Associate Professor, University of Pittsburgh School of Medicine, Department of Emergency Medicine (Primary Appointment) and Anesthesiology (Secondary Appointment) |
| November 2006–Present | Director, Peter M. Winter Institute for Simulation Education and Research (WISER) University of Pittsburgh and UPMC |
| May 2006–Aug 2008 | Assistant Professor, University of Pittsburgh, Department of Anesthesiology (Secondary Appointment) |
| December 2005–November 2006 | Interim Director, Peter M. Winter Institute for Simulation Education and Research (WISER) University of Pittsburgh and UPMC |
| November 2003–December 2005 | Assistant Director, Emergency Medical Programs, Peter M. Winter Institute for Simulation, Education and Research (WISER), Department of Anesthesiology, University of Pittsburgh and UPMC |
| February 2002- August 2008 | University of Pittsburgh, Assistant Professor of Emergency Medicine |
| Dec 2001 – Feb 2002 | Instructor, University of Pittsburgh, Department of Emergency Medicine |
| July 2000–November 2001 | Visiting Instructor, University of Pittsburgh, Department of Emergency Medicine |
| January 1990-June 1994 | Adjunct Faculty, Tidewater Community College, Department of Health Sciences, Virginia Beach, Virginia |

NON-ACADEMIC POSITIONS

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|----------------------------|--|
| July 1999-2005 | UPMC Passavant Hospital, Pittsburgh, Pennsylvania Emergency Physician, Part Time - Casual |
| July 1999-October 2000 | Homestead Emergency Center Hospital Homestead, Pennsylvania Emergency Physician, Part Time - Casual |
| December 1989-July 1993 | Mercy Tidewater Ambulance Service, Assistant EMS Operations Supervisor, Portsmouth EMS Division, Portsmouth, Virginia |
| October 1989-June 1994 | City of Norfolk – Norfolk, Virginia Paramedic (part-time) |
| August 1989-August 1991 | Tidewater EMS Council Regional Field Coordinator |
| November 1982-October 1989 | United State Navy, Honorable Discharge Electronics Technician, First Class (E6) |

CERTIFICATION AND LICENSURE

Specialty Certification:

American Board of Emergency Medicine (cert #200855) Expires Dec 2025

Medical / Other Professional Licensure

Medical Doctor, Commonwealth of Pennsylvania - Initial Issue 05/1999 Current Expiration: 12/31/2024

Certified Professional in Patient Safety (Expires September 2026)

Certified Physician Executive (April 2021)

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

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| September 2020 - present | American College of Healthcare Executives |
| January 2017 – present | Fellow, Society for Simulation in Healthcare |
| December 2010 – Present | American Association for Physician Leadership (Formerly American College of Physician Executives) |
| October 2003-Present | Fellow, American College of Emergency Physicians |
| August 2003-Present | Society for Simulation in Healthcare |
| 2000-2007 | American Medical Informatics Association |
| 1996-Dec 2017 | Society of Academic Emergency Medicine |
| 1996-2011 | National Association of EMS Physicians |
| 1993-Present | American College of Emergency Physicians |
| 2013 – Present | National Patient Safety Foundation |
| 2013 – Present | American Society of Professionals in Patient Safety |

HONORS and RECOGNITION

Medical

- 2019 John P. Pryor, MD/Street Medicine Society Award; National Harbor, Washington DC; February 20, 2019
- Inducted into Inaugural Class of the Fellows Academy, Society for Simulation in Healthcare, January 2017, Orlando, Florida
- Third Place Research Abstract Award Winner – “Is non-physician instruction inferior to attending physician instruction for central line training in the simulation lab? 17th Annual International Meeting on Simulation in Healthcare; Orlando Florida, January 2017
- Best Abstract Award – University of Pittsburgh First Annual Medical Education Day “Is non-physician instruction inferior to attending physician instruction for central line training in the simulation lab?”; 2016
- 2015 Sheldon Adler Innovation in Medical Education Award, University of Pittsburgh School of Medicine
- Presidential Citation, Society for Simulation in Healthcare, January 2014
- 3rd Place Award Winning Poster Presentation “Environments for Conducting Simulation” Phrampus P, Cole, JS - International Meeting for Simulation in Healthcare, Orlando Florida, January 2007
- Clerkship Preceptor of the Year, University of Pittsburgh, School of Medicine, May 2006
- Faculty Excellence Award – 2004, University of Pittsburgh Affiliated Residency in Emergency Medicine (Awarded by graduating residents)
- Excellence in Teaching Award, University of Pittsburgh Residency in Emergency Medicine, June 2000
- Excellence in Emergency Medicine Award, Society of Academic Emergency Medicine May 1997

Professional

- Life Membership – Millville Rescue Squad, February 2006
- Mercy Tidewater Ambulance Service
- Education Award 1992
- Employee of the Month May 1993
- City of Virginia Beach, Department of Emergency Medical Services
- Act of Service Award–1992

Military

- Good Conduct Medal
- Meritorious Unit Citation
- Sea Service Ribbon
- Letters of Commendation (two awards)
- Enlisted Surface Warfare Specialist
- Enlisted Air Warfare Specialist
- Honor Student (three awards)

PUBLICATIONS

Peer-reviewed publications / Editorials

1. Phrampus, P. E., & Berg, B. W. (2024). Response to recovering from adversity—do we need to protect our learners? (Letter to the Editor) *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 19(2), 132–132.
<https://doi.org/10.1097/sih.0000000000000787>
2. Usapan Surabenjawong, **Paul Edward Phrampus**, John Lutz, Deborah Farkas, Apoorva Gopalakrishna, Apichaya Monsomboon, Chok Limsuwat, John Marc O'Donnell; Comparison of Innovative Peer-to-Peer Education and Standard Instruction on Airway Management Skill Training, *Clinical Simulation in Nursing*, Volume 47, October, 2020, Pages 16-24, ISSN 1876-1399, <https://doi.org/10.1016/j.ecns.2020.06.009>.
3. Trembley L, Tobias A, Schillo G, von Forester N, Singer J, Pavelka S, **Phrampus P**; A Multidisciplinary Intubation Algorithm for Suspected COVID-19 Patients in the Emergency Department; *Western Journal of Emergency Medicine*; Accepted for Publication May 18, 2020
4. Ismail MS, Johar MJ, Siraj HH, Arif K, Jalina K, Iva MI, Saidah MH, Balakrishnian M, Syahira J, **Phrampus PE**; Influence of Simulation in Malaysian Healthcare Education and Research (ISIM-HERE): A Two -Decade Experience; *Med & Health Jun 2019*; 14(1): 53-67 <https://doi.org/10.17576/MH.2019.1401.05>
5. Musits, Andrew N. MD, MS; **Phrampus, Paul E. MD**; Lutz, John W. BS; Bear, Todd M. PhD, MPH; Maximous, Stephanie I. MD; Mrkva, Andrew J. MA; O'Donnell, John M. CRNA, MSN, DRPH; Physician Versus Nonphysician Instruction Evaluating an Expert

6. Phrampus, Paul E. MD, FACEP, FSSH, CPPS Simulation and Integration Into Patient Safety Systems (Invited Editorial), Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare: August 2018 - Volume 13 - Issue 4 - p 225-226 doi: 10.1097/SIH.0000000000000332
7. Volkart J, **Phrampus P.**, English, D, Johnson R, Medeiros, A, Zachria M, Beigi R, Institution of Just Culture Physician Peer Review in an Academic Medical Center; Journal of Patient Safety, (Accepted for Publication October 30, 2017)
8. Bump, G.M.; Coats, N.; Liberi, C.A.; Minnier, T.E.; **Phrampus, P.E.**; Gosman, G.; Metro, D.G.; McCausland, J.B.; Buchert, A. Comparing Trainee and Staff Perceptions of Patient Safety Culture. Academic Medicine: journal of the Association of American Medical Colleges. 2017 Jan;92(1):116-122. PMID: 27276009
9. A Guide to Prehospital Pain Management; JEMS: a journal of emergency medical services 2016 Nov; 41(11):53-56
10. Minnier, T.; **Phrampus, P.**; Waddell, L. Performing the Wrong Procedure. JAMA. 2016 Sep 20;316(11):1207-1208. PMID: 27654607
11. Kuszajewski, M.L.; O'Donnell, J.M.; **Phrampus, P.E.**; Robey, W.C., 3rd; Tuite, P.K. Airway Management: A Structured Curriculum for Critical Care Transport Providers. Air medical journal. 2016 May-Jun;35(3):138-142. PMID: 27255875
12. **Phrampus, P.E.**; O'Donnell, J.M.; Farkas, D.; Abernethy, D.; Brownlee, K.; Dongilli, T.; Martin, S. Rapid Development and Deployment of Ebola Readiness Training Across an Academic Health System: The Critical Role of Simulation Education, Consulting, and Systems Integration. Simul Healthcare. 2016 Apr;11(2):82-88. PMID: 27043092
13. Guyette, F.X.; Farrell, K.; Carlson, J.N.; Callaway, C.W.; **Phrampus, P.** Comparison of video laryngoscopy and direct laryngoscopy in a critical care transport service. Prehospital emergency care: official journal of the National Association of EMS Physicians and the National Association of State EMS Directors. 2013 Apr-Jun;17(2):149-154. PMID: 23231426
14. Hilton, M.T.; Carlson, J.N.; Chan, S.; **Phrampus, P.E.** Impact of stylet use in a simulated difficult airway model. The American journal of emergency medicine. 2013 Mar;31(3):578-580. PMID: 23159427
15. Chung, H.S.; Issenberg, S.B.; **Phrampus, P.**; Miller, G.; Je, S.M.; Lim, T.H.; Kim, Y.M. International collaborative faculty development program on simulation-based healthcare

education: a report on its successes and challenges. Korean journal of medical education. 2012a Dec;24(4):319-327. PMID: 25813328

16. **Phrampus, P.E.** Multiple airways. Rapid assessment is key for managing numerous patients. JEMS : a journal of emergency medical services. 2012 May;37(5):69-73. PMID: 22830131
17. Carlson, J.N.; Das, S.; De la Torre, F.; Callaway, C.W.; **Phrampus, P.E.**; Hodgins, J. Motion capture measures variability in laryngoscopic movement during endotracheal intubation: a preliminary report. Simul Healthcare. 2012 Aug;7(4):255-260. PMID: 22801254
18. Chung, H.S.; Issenberg, S.B.; **Phrampus, P.**; Miller, G.; Je, S.M.; Lim, T.H.; Kim, Y.M. The impact of an international faculty development program on simulation-based healthcare education. Med Teach. 2012b;34(6):510. PMID: 22578046
19. Gokhman, R.; Seybert, A.L.; **Phrampus, P.**; Darby, J.; Kane-Gill, S.L. Medication errors during medical emergencies in a large, tertiary care, academic medical center. Resuscitation. 2012 Apr;83(4):482-487. PMID: 22001000
20. **Phrampus, P.E.** Simulation best practices. Must-haves for successful simulation in prehospital care. JEMS: a journal of emergency medical services. 2010 Sep;35(9):suppl 4-7. PMID: 21513023
21. Berg, B.W.; Sampaga, A.; Garshnek, V.; Hara, K.M.; **Phrampus, P.** Simulation crisis team training effect on rural hospital safety climate (SimCrittter). Hawaii medical journal. 2009 Nov;68(10):253-255. PMID: 19998698
22. Boucek, C.D.; **Phrampus, P.**; Lutz, J.; Dongilli, T.; Bircher, N.G. Willingness to perform mouth-to-mouth ventilation by health care providers: a survey. Resuscitation. 2009 Aug;80(8):849-853. PMID: 19481855
23. Beauchamp, G.; **Phrampus, P.**; Guyette, F.X. Simulated rescue airway use by laypersons with scripted telephonic instruction. Resuscitation. 2009 Aug;80(8):925-929. PMID: 19481853
24. Fernandez, R.; Vozenilek, J.A.; Hegarty, C.B.; Motola, I.; Reznek, M.; **Phrampus, P.E.**; Kozlowski, S.W. Developing expert medical teams: toward an evidence-based approach. Acad Emerg Med. 2008 Nov;15(11):1025-1036. PMID: 18785937
25. **Phrampus, P.E.** CNS infections: bugs and brains don't mix. JEMS : a journal of emergency medical services. 2006 Jul;31(7):62-69; quiz 70-61. PMID: 16886272
26. **Phrampus, P.**; Walker, L. Sorting through confusion: prehospital identification & treatment of dementia & delirium. JEMS : a journal of emergency medical services. 2005 Dec;30(12):57-60, 62-57; quiz 70-51. PMID: 16419351

27. Bledsoe, B.; Mattox, K.; Salomone, J.P.; **Phrampus, P.**; Fullagar, C.J. Missed pericardial tamponade. When a medical patient becomes a trauma patient. *JEMS : a journal of emergency medical services*. 2005 May;30(5):42-55. PMID: 15902080
28. **Phrampus, P.E.** Concepts in shock. Understand the pathophysiology to better serve your patients. *JEMS: The journal of emergency medical services*. 2004 Mar;29(3):118-132; quiz 134-115. PMID: 14997119
29. **Phrampus, P.E.**; Walker, L. Danger zone. The prehospital assessment & treatment of blunt & penetrating neck trauma. *JEMS : a journal of emergency medical services*. 2002 Nov;27(11):26-38; quiz 40-21. PMID: 12483192
30. Keenan D, **Phrampus P**: “Puncture Pathways – Assessment and treatment of penetrating trauma to the Neck, Chest and Abdomen” *JEMS : a journal of emergency medical services* 1999 September;24(9):76-92
31. **Phrampus PE**, Paris PM: Pain! *JEMS: a journal of emergency medical services* 1999 April;24(4):34-41
32. **Phrampus PE**: How Sweet is your Patient – Pre-hospital Care for Diabetics. *JEMS : a journal of emergency medical services* 1998 August;23(8)

Book Chapters

- 1) Approach to the Emergency Patient (chapter 27); Swartz, M. H. (2024 In press). *Textbook of physical diagnosis: History and examination*. 9th edition Elsevier.
- 2) “Creating the Infrastructure for a Successful Simulation Program” chapter in *Defining Excellence in Simulation Programs 2ed*; Phrampus, P, O’Donnell, J, Geoffrey Miller, G; Wolters Kluwer Health; in press 2022
- 3) “Airway Management and Anesthesia” 5th Edition of the *Trauma Manual*; Andrew B. Peitzman MD FACS, C. William Schwab MD, Donald M. Yealy MD, et al (Eds); In Press 2020
- 4) Phrampus, P.E. (2021). A Historical Perspective of Simulation in Emergency Medicine. In: Strother, C., Okuda, Y., Wong, N., McLaughlin, S. (eds) *Comprehensive Healthcare Simulation: Emergency Medicine*. *Comprehensive Healthcare Simulation*. Springer, Cham. https://doi.org/10.1007/978-3-030-57367-6_1
- 5) “Simulation in Nurse Anesthesia Education” (Book Chapter with John O’Donnell): A Resource for Nurse Anesthesia Educators; Hendrichs and Thompson; 2nd ed; American Association of Nurse Anesthetists 2019

- 6) “Debriefing Using a Structured and Supported Approach” (Book Chapter with John O’Donnell): *The Comprehensive Textbook of Healthcare Simulation*; Levine et al (ed). Springer 2013
- 7) “Training” (Book Chapter); *Modeling and Simulation in the Medical and Health Sciences*: Wiley & Sons, 2011
- 8) “Simulation in Prehospital Care”, (Book Chapter) **Phrampus P**: *Emergency Medical Services: Clinical Practice and Systems Oversight, Vol 2*, Kendall Hunt Professional, 2009
- 9) “Genitourinary Stents and Catheters”, (Book Chapter) **Phrampus P**: *Clinical Practice of Emergency Medicine, 5th Ed*, Lippincott Williams & Wilkins, 2009
- 10) “Genitourinary Stents and Catheters”, (Book Chapter) **Phrampus P** and Davies B: *Clinical Practice of Emergency Medicine, 4th Ed*, Lippincott Williams & Wilkins, 2005

Abstracts / Posters

- 1) “Investigating Physician Preferences Regarding Clinical Practice Updates in the Emergency Department.” (Poster) Symonds S, Brown AM, **Phrampus P**. UPMC ACGME QI Symposium Poster. April, 2022
- 2) “Is non-physician instruction inferior to attending physician instruction for central line training in the simulation lab?” – Poster Presentation; Musits, A; **Phrampus, P**; O’Donnell J; 17th Annual International Meeting on Simulation in Healthcare; Orlando Florida, January 2017
- 3) “A Specialty Tailored, Asynchronous Elective in Quality and Patient Safety for Senior Medical Students” Poster Presentation; **P. Phrampus** and C Pacella; First Annual Medical Education Day; University of Pittsburgh, Pittsburgh Pa; September 30, 2016
- 4) “Is non-physician instruction inferior to attending physician instruction for central line training in the simulation lab?” – Poster Presentation; **Musits, A; Phrampus, P; O’Donnell**; University of Pittsburgh First Annual Medical Education Day; Pittsburgh, Pa. – (Awarded Best Abstract); September 30, 2016
- 5) “Rapid Development and Deployment of Ebola Readiness Training Across an Academic Health System: The Critical Role of Simulation Education and Consulting”; D. Farkas, T. Dongilli, J. O’Donnell, **P. Phrampus**, (Published Abstract); *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare* Volume 10, Issue 6, December 2015, p 392–485

- 6) “A Specialty Tailored, Asynchronous Elective in Quality and Patient Safety for Senior Medical Students”; **Phrampus PE** and Pacella CB; (Poster Presentation), American Association of Medical College – Integrating Quality, Annual Meeting, Chicago, Il. June 11, 2015
- 7) “Simulation and Medical Student Participation Augment Fidelity in a Resident-As-Teacher Course”; M.L. Dorfsman, B. Pacella, **P.E. Phrampus**, (Published Abstract) Annals of Emergency Medicine Volume 60, Issue 5, November 2012, Page S171; <http://dx.doi.org/10.1016/j.annemergmed.2012.07.047>
- 8) “Technology-Assisted Trauma Case Review Conference—Combining Simulation and Audience Response”; M.L. Dorfsman, **P.E. Phrampus** (Published Abstract); Annals of Emergency Medicine Volume 60, Issue 5, November 2012, Page S182; <http://dx.doi.org/10.1016/j.annemergmed.2012.07.083>
- 9) “Multimodal Feature Analysis For Quantitative Performance Evaluation Of Endotracheal Intubation” Samarjit Das, Jestin N Carlson, Fernando De la Torre, **Paul E Phrampus**, Jessica Hodgins; International Conference on Acoustics, Speech, and Signal Processing, 2012 March 27, 14:00 - 16:00
- 10) Medical Simulation at a Distance: Utilizing Tele-Education To Teach Advanced Airway Management John Lutz, Brenda Guzic, Robert Griffin, Jay Roberts, Donna Knee, James Gerraughty, Barbara Demuth, **Paul Phrampus**, MD; International Meeting for Simulation in Healthcare, New Orleans, La. Jan 2011
- 11) Predicting Staff Requirements for Simulation Programs; John Lutz; Melissa Wanker, **Paul Phrampus**, ;International Meeting for Simulation in Healthcare, New Orleans, La. Jan 2011
- 12) “Perception of Realism and Course Relevance Compared to Years of Experience in a Simulation Based Paramedic Airway Training Program” (poster presentation); Kim, YM and **Phrampus PE**. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010
- 13) Simulation Experience and Practicing Emergency Physicians’ Perceptions to a Simulation-Based Difficult Airway Training Program” (poster presentation); Kim, YM and **Phrampus PE**. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010
- 14) “Successful Implementation of an Automated Orientation Tool to a Simulation-Based Training Program” (poster presentation); **Phrampus PE** and Schuring, A. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010

- 15) “Perceptions of Relevance and Program Design for a Simulation-Based Paramedic Difficult Airway Training Program” (poster presentation); **P. E. Phrampus**, M. Pinchalk, J. Maritto1, A. Schuring. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010
- 16) “Perceptions of the Debriefing Experience by Paramedic Participants of a Difficult Airway Program” (poster presentation); **P. E. Phrampus**, M. Pinchalk, J. Maritto1, A. Schuring. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010
- 17) “Simulation Scenario and Environment Design: Perceptions of Realism and Value Reported by Practicing Paramedics” (poster presentation); **P. E. Phrampus**, M. Pinchalk, J. Maritto1, A. Schuring. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010
- 18) “Quantification of Information Technology Systems Support for an Academic Multidisciplinary Simulation Center” (poster presentation); **P. E. Phrampus**, M. Pinchalk, J. Maritto1, A. Schuring. International Meeting for Simulation in Healthcare, Phoenix, Az, January 2010
- 19) “Environments for Conducting Simulation” (3rd Place Award Winning Poster Presentation) **Phrampus P**, Cole, JS - International Meeting for Simulation in Healthcare, Orlando Florida, January 2007
- 20) “A Simulation Information Management System for Use in Large Scale Simulation Centers” (Poster) Lutz J, **Phrampus P** - International Meeting for Simulation in Healthcare, Orlando Florida, January 2007
- 21) “Meet SimMan: A Self Instruction Module for Simulator Orientation” (Poster) **Phrampus P** - International Meeting for Simulation in Healthcare, Orlando Florida, January 2007
- 22) “The Public EndNote™ Reference Project (PERP) at WISER: A Research and Publication Tool for Simulation Educators” (Poster) McKinnon J, Goode J, Lutz J, O’Donnell J, **Phrampus P**, O’Donnell J International Meeting for Simulation in Healthcare, Orlando Florida, January 2007
- 23) “Use of Task Checklists to Optimize Crisis Management During Air Medical Transport” (Poster) Lewis G, **Phrampus P**, Cole J, Wang H.; American College of Emergency Physicians Scientific Assembly, New Orleans, Louisiana, October 16, 2006
- 24) Interrater Reliability of Data Collected with SimMan During Difficult Airway Simulations” (Poster) Andrus S., **Phrampus P**, Wang H; Society for Academic Emergency Medicine Annual Meeting, San Francisco, California, May, 2006

- 25) “Death During Simulation: Feedback from the Trainees” (Poster Presentation)
Phrampus PE, Dorfsman ML, Cole JS–International Meeting for Medical Simulation,
 San Diego, California, January 2006

Other Publications

- 1) **Phrampus PE.** Building a safety program in a vast healthcare network [Perspective].
 AHRQ PSNet 267. March 2019. Available at:
<https://psnet.ahrq.gov/perspectives/perspective/267>.
- 2) **Phrampus, Paul:** “A Just Culture: Relevance, and Challenges of Implementation”
 Quality and Patient Safety Newsletter; American College of Emergency Physicians;
 September 2014
- 3) **Phrampus, Paul:** “Teaching Procedural Skills in the Emergency Department: See some,
 practice some, do some, teach some?” Newsletter of the Society for Academic
 Emergency Medicine May & June 2005 Volume 17, Number 3
- 4) **Phrampus P:** “The Anthrax-Sepsis Connection.” [sidebar] Journal of Emergency
 Medical Services December 2001

PROFESSIONAL PRESENTATION ACTIVITIES

TEACHING LEADERSHIP ACTIVITIES

| | |
|----------------------|--|
| July 2014 – 2021 | Course Author and Co-Director, Senior Medical Student Elective in Quality and Patient Safety, University of Pittsburgh, School of Medicine |
| July 2007 - Present | Advanced Prehospital Airway Management Program, Medical Director and Lead Curriculum Creator |
| May 2006–August 2007 | Course Director and Co-Creator, Specialty Care Clerkship (MS3), University of Pittsburgh School of Medicine |
| August 2005–2011 | Residents/Physicians as Teachers Course, Co-Author & Director |
| July 2004–2010 | Co-Director, Co-Author, Air Medical Crew Simulation Training Course |
| July 2003–May 2006 | Co-Director, Ambulatory Care Clerkship for 3 rd Year Medical Students - University of Pittsburgh School of Medicine |
| June 2003–Present | Emergency Medicine Difficult Airway Management Course for Residents, Course Director and Development Team Leader |

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| June 2003–Present | Emergency Medicine Difficult Airway Management Course for Faculty Physicians, Course Director and Development Team Leader |
| March 2001–August 2007 | Course Director “Selective in Emergency Medicine” Community and Ambulatory Clerkship 3 rd Year Medical Students – University of Pittsburgh School of Medicine |

PROFESSIONAL PRESENTATIONS

Visiting Presentations / National / International Events & Forums

- 1) “Core Concepts in Interprofessional Education (IPE) Simulation” (Plenary Lecture); Simulation User Network, Latin American Congress; Sao Paulo, Brazil; May 11, 2024
- 2) “Using Simulation to Improve Patient Safety in Hospitals” (Keynote Plenary Lecture); Simulation User Network, Latin American Congress; Sao Paulo, Brazil; May 10, 2024
- 3) “Scenario Design Workshop” Primary Faculty; Simulation User Network, Latin American Congress; Sao Paulo, Brazil; May 9, 2024
- 4) “Future Directions in Medical Skill Determination and Sustainment - Results of an MHS Five University Research Project” Invited Panelist; Association of Military Surgeons of the United States (AMSUS) Annual Meeting; Gaylord National Resort, National Harbor, MD; February 14, 2024
- 5) “Showcasing Simulation Center Value with Systems-Based Projects”; Invited Panelist; International Meeting for Simulation in Healthcare, San Diego, Ca. January 24, 2024
- 6) “Showcasing Simulation Center Value with Systems-Based Projects); Invited Panelist; International Meeting for Simulation in Healthcare, San Diego, Ca. January 24, 2024
- 7) SSH Asia-Pacific Evolution Summit Panel (Panelist); International Meeting for Simulation in Healthcare, San Diego, Ca. January 23, 2024
- 8) Mastering Scenario Design, Immersive Pre-Conference Workshop (Lead Faculty); International Meeting for Simulation in Healthcare, San Diego, Ca. January 20, 2024
- 9) “Competency Based Debriefing”; Workshop Co-Director; 10th Annual Conference for Education in Medicine and Simulation; Taipei Medical University; Taipei, Taiwan December 10, 2023
- 10) “Using Simulation as an Assessment Tool: More Than Just a Score” Plenary Keynote Presentation; 10th Annual Conference for Education in Medicine and Simulation; Taipei Medical University; Taipei, Taiwan December 9, 2023
- 11) “Improving Simulation Instructional Methods – Fundamentals” – (2 days) Co-Director and Lead Faculty; Nanjing Medical University, Nanjing, China; December 5 & 6, 2023
- 12) “Society for Simulation in Healthcare” Asia Pacific Simulation Strategic Planning Summit (SHAPES)” (Program Committee and Facilitator); University of Hawaii, School of Medicine; November 17 and 18, 2023
- 13) “Emergency Physician Airway Management” (course author, director, and faculty) 8 hours; US Army; Simtiki Simulation Center University of Hawaii; November 15, 2023
- 14) “Increasing the Effectiveness of Simulation with Information Technology Integration: Present and Future Needs” Plenary Keynote Presentation, Future Skills for Healthcare Professionals Education Symposium; Jichi University, Tochigi, Japan; November 7, 2023

- 15) Improving Simulation Instructional Methods – Japanese Fundamental (iSIM-J); Course Co-Director and Faculty; Jikei University; Tokyo, Japan, November 4 & 5 2023
- 16) “Educational Design for Effective Simulation Faculty Development” – Keynote Presentation, Laerdal Educational Design Learning Day, Tokyo, Japan; November 3, 2023
- 17) “Simulation for the Future of Healthcare Education” Plenary Keynote Presentation; Phan Chau Trinh (PCT) Conference on Simulation; University; Danang, Vietnam; March 24, 2023
- 18) “Why Simulation?” Invited Guest Lecturer; Phennikaa University; Hanoi, Vietnam; March 22, 2023
- 19) “Why Simulation?” Invited Guest Lecturer; HDG Learning Center; Hanoi, Vietnam; March 22, 2023
- 20) “Why Simulation?” Invited Guest Lecturer; Ramathibodi Hospital; Bangkok Thailand; March 20,2023
- 21) “Facilitation and Debriefing” Invited Guest Lecturer; Ramathibodi Hospital; Bangkok Thailand; March 20,2023
- 22) “Core Principles of Inter-Professional Education (IPE)”; Plenary Keynote Presentation; IPE Symposium; Siriraj Hospital Mahidol University; Bangkok, Thailand; March 19, 2023
- 23) “Simulation and Patient Safety - From Birth to End of Life Care” Plenary Keynote Presentation; Malaysian Society for Simulation in Healthcare Annual Conference; Kuala Lumpur Malaysia; March 17, 2023
- 24) “Simulation Leadership” (Invited Panelist); ; Malaysian Society for Simulation in Healthcare Annual Conference; Kuala Lumpur Malaysia; March 17, 2023
- 25) “Simulation Scenario Design” – Workshop, Lead Faculty; Malaysian Society for Simulation in Healthcare Annual Conference; Kuala Lumpur Malaysia; March 16, 2023
- 26) “Increase Simulation Program Efficiency with the SIMS Management Tool”; keynote presentation; HealtySimulation.com online webinar; March 17, 2023
- 27) “Successful Healthcare Simulation Leadership - Tools (and Strategies) to Make a Difference”; keynote presentation; HealtySimulation.com online webinar; January 31, 2023
- 28) “Exemplary Practices in SSH Accreditation” – Co-Presenter; Workshop; International Meeting for Simulation in Healthcare; Orlando Florida; January 25, 2023
- 29) “Increasing value and visibility through systems-based simulation assessments” – Co-Presenter; Workshop; International Meeting for Simulation in Healthcare; Orlando, Florida; January 25, 2023
- 30) “Simulation as a Patient Safety Solution in Healthcare” Keynote Presentation; Laerdal Simulation Users Network Meeting; Pittsburgh, Pa. October 12, 2022
- 31) “Saving Lives Systematically - Simulation as a Patient Safety Solution in Healthcare” Lecture via zoom; Hawaii Medicine Association Grand Rounds; September 21, 2022
- 32) Emergency Physician Airway Management” (course author, director, and faculty) 8 hours; Simtiki Simulation Center University of Hawaii; September 20, 2022
- 33) Emergency Physician Airway Management” (course author, director, and faculty) 8 hours; Simtiki Simulation Center University of Hawaii; September 19 2022
- 34) “Human Factors in Emergency Department Airway Management” – Lecture; (via zoom); Malaysian Society for Emergency Medicine Annual Congress; October 18, 2022

- 35) “Owning The Educational Space - The New Role of Simulation Centers” – Keynote Presentation; Taipei Medical University Annual Med Ed Conference; (via zoom); September 2022
- 36) “Videolaryngoscopy 101” Webinar; Keynote Presenter; Karl Storz Online Learning; July 2022
- 37) Getting WISER on DEI in Healthcare Education: The Roles of Simulation; A WISER Global Symposium; Meeting Planner; Moderator; April 8, 2022
- 38) Getting WISER on DEI in Healthcare Education: The Roles of Simulation; A WISER Global Symposium; Breakout Session Faculty – Debriefing; Moderator; April 8, 2022
- 39) Interprofessional Education: A Quality Improvement and Patient Safety Essential – Panelist, Presenter; MD Andersen Education Day; via zoom webinar; March 29; 2022
- 40) “Alpha and Beta Testing Your Simulation Scenarios” (Workshop) with Drs. Benjamin Berg and Janet Lee-Jayaram; 2022 International Meeting for Simulation in Healthcare; Los Angeles, Ca; Jan 17, 2022
- 41) “Saving Lives Systematically – The Role for Simulation in Patient Safety” Keynote Plenary Address; 22nd Annual International Meeting for Simulation in Healthcare; Los Angeles, California Jan 16, 2022
- 42) “Challenging the Norms in Healthcare Education. What’s New that Simulation can Offer?” Keynote Plenary e-Lecture; Malaysian Society for Simulation in Healthcare; Kuala Lumpur, Malaysia (via internet); Dec 10, 2021
- 43) “Promoting Patient Safety Through Simulation” – Plenary e-Lecture; Malaysian Congress of Emergency Medicine; Kuala Lumpur Malaysia (via Internet); Oct 25, 2021
- 44) Mastering Item Analysis and Reliability Reporting in Simulation Research; Co-Presenter/Co-Creator; Pre-Recorded Education Session; International Meeting for Simulation in Healthcare (IMSH); January 26, 2021
- 45) Simulation: A Critical Infrastructure for Patient Well-Being, Quality and Safety; SSH Academy Fellows Keynote Series, International Meeting for Simulation in Healthcare (IMSH); January 26, 2021
- 46) “The Need for Simulation: Now More Than Ever!” (Keynote Presentation); Simulation Center Directors Consortium; e-broadcast; Dec 8, 2020
- 47) “Opportunities Abound: The Application of Simulation in Healthcare”; Invited Panelist; Virtual Industry Training, Simulation, and Education Conference; Online Webinar of the National Training and Simulation Association (NTSA); Dec 1, 2020
- 48) “COVID and beyond: The Near and Far Future of Simulation In Healthcare” (KeyNote Address) WISE Simulation Center, Yonsei University Wonju Medical College, Wonju, South Korea; Online Webinar; Nov 18, 2020
- 49) “Saving Lives Systematically - Simulation as a Patient Safety Tool”; Invited International Webinar; HealthySimulation.com ; 3pm (EST); Nov 17, 2020
- 50) Leadership in Simulation; Panel Discussant (delivered virtually); Taipei Medical University Annual Conference on Medical Education and Simulation; October 23, 2020
- 51) Leadership in Simulation During COVID and Beyond! - Keynote Address (delivered virtually) ; Taipei Medical University Annual Conference on Medical Education and Simulation; October 23, 2020
- 52) “Saving Lives Systematically - Simulation as a Patient Safety Tool”; Keynote Speaker; Simulation Users Network Webinar for Australia and Asia Pacific Region; June 17, 2020
- 53) “Return on Investment: Plan, Budget, and Market Your Simulation Center” (Workshop) with Drs. Valerie

Howard and Benjamin Berg; 2020 International Meeting for Simulation in Healthcare; San Diego, Ca; Jan 21, 2020

- 54) “Alpha and Beta Testing Your Simulation Scenarios” (Workshop) with Drs. Benjamin Berg and Janet Lee-Jayaram; 2020 International Meeting for Simulation in Healthcare; San Diego, Ca; Jan 21, 2020
- 55) “Improving Simulation Instructional Methods – Master Class” – (2 days) Co-Director and Lead Presenter; Nanjing Medical University, Nanjing, China; December 14 & 15, 2019
- 56) “Improving Simulation Instructional Methods –Fundamentals” – (2 days) Co-Director and Lead Presenter; Medtronic Center for Creative Innovation, Shanghai, China; Shanghai, China; December 12 & 13, 2019
- 57) “Psychological Safety in Simulation” (Lecture); Saudi Health Simulation Conference 2019; Riyadh, Saudi Arabia, Nov 13, 2019
- 58) “Simulation as a Patient Safety Solution” (Day 2 Opening Plenary Lecture); Saudi Health Simulation Conference 2019; Riyadh, Saudi Arabia, Nov 13, 2019
- 59) “Integrating Simulation into Traditional Education Programs” (Lecture); Saudi Health Simulation Conference 2019; Riyadh, Saudi Arabia, Nov 12, 2019
- 60) “Improving Simulation Instructional Methods – Research Part 2” – (2 Days) Co-Director and Lead Presenter; Peking Union Medical College Hospital; Nov 2-3, 2019
- 61) “Improving Simulation Instructional Methods – Simulation Center Directors Course” – (2.5 Days) Co-Director and Lead Presenter; Shenzhen Health Capacity Building and Continuing Education Center; Shenzhen, China; October 30-Nov 1, 2019
- 62) “Improving Simulation Instructional Methods – Simulation Center Directors Course” – (2.5 Days) Co-Director and Lead Presenter; First People Hospital of Guangzhou; Guangzhou, China Vietnam; October 27-29, 2019
- 63) “Improving Simulation Instructional Methods – Simulation Center Directors Course” – (2.5 Days) Co-Director and Lead Presenter; First People Hospital of Guangzhou; Guangzhou, China Vietnam; October 27-29, 2019
- 64) “Simulation as a Patient Safety Solution” (Plenary, Keynote Address); China Meeting for Simulation in Healthcare; Guangzhou, China October 25, 2019
- 65) “Improving Simulation Instructional Methods – Debriefing Workshop” – (1 Day) Co-Director and Lead Presenter; Duy Tan University; Da Nang, Vietnam; Sep 20, 2019
- 66) “Improving Simulation Instructional Methods –Fundamentals” – (2 days) Co-Director and Lead Presenter; Duy Tan University; Da Nang, Vietnam; Sep 18&19, 2019
- 67) “Introduction to Simulation based Assessment” – (Workshop, Co-Director and Lead Faculty); International Conference For Education In Medicine And Simulation; Taipei Medical University, Taipei, Taiwan; Aug 4, 2019
- 68) “Introduction to Simulation” – (Workshop, Co-Director and Lead Faculty); International Conference For Education In Medicine And Simulation; Taipei Medical University, Taipei, Taiwan; Aug 4, 2019
- 69) “Technology in Education” – (Plenary Keynote Presentation); International Conference For Education In Medicine And Simulation; Taipei Medical University, Taipei, Taiwan; Aug 3, 2019
- 70) “Improving Simulation Instructional Methods –Fundamentals” – (2 days) Co-Director and Lead Presenter; Nanjing Medical University; Nanjing, China; July 31 & Aug1, 2019

- 71) “Improving Simulation Instructional Methods – Assessment” – (2 days) Co-Director and Lead Presenter; Nanjing Medical University; Nanjing, China; July 29 & 30, 2019
- 72) “Improving Simulation Instructional Methods –Research, Part 1: Introduction to Simulation Based Education Research” – (2 days) Co-Director and Lead Presenter; Peking Union Medical College Hospital; Beijing, China; July 26 and 27, 2019
- 73) “Improving Simulation Instructional Methods –Fundamentals” – (2 days) Co-Director and Lead Presenter; Shenzhen Health Capacity Building and Continuing Education Center; Shenzhen, China; June 22 and 23, 2019
- 74) “When one Patient Turns into Two! Simulation for (Premature) Field Deliveries” (Web Cast CME Presentation); JEMS; May 15, 2019
- 75) “Improving Simulation Instructional Methods –Fundamentals” – (2 days) Co-Director and Lead Presenter; Changhai Military Affiliated Hospital; Shanghai, China; May 9 & 10, 2019
- 76) “Improving Simulation Instructional Methods – Assessment” – (2 days) Co-Director and Lead Presenter; Xiangya Second Affiliated Hospital; Changsha, China; May 6 & 7, 2019
- 77) “Faculty Development for Simulation” – Workshop (3 hours); Xiangya International Medical Education Symposium; Changsha, China May 5, 2019
- 78) “Assessment in Simulation” Plenary Lecture with John O’Donnell; American Association of Nurse Anesthetists 2019 Assembly of Didactic and Clinical Educators; Houston, Tx; February 16, 2019
- 79) “Advanced Debriefing Techniques” Plenary Lecture with John O’Donnell; American Association of Nurse Anesthetists 2019 Assembly of Didactic and Clinical Educators; Houston, Tx; February 16, 2019
- 80) “To Err is Human – Patient Safety Discussion” Invited Panelist; 2019 International Meeting for Simulation in Healthcare; San Antonio, Tx; January 29, 2019
- 81) “Alpha and Beta testing of Scenarios – Best Practices” Workshop; Co-Faculty; 2019 International Meeting for Simulation in Healthcare; San Antonio, Tx; January 28, 2019
- 82) “Airway Workshop” (4 hours) Honorary Airway Masterclass; University Malaya Medical Centre; Kuala Lumpur, Malaysia; December 4, 2018
- 83) “Approach to Airway Management in The Emergency Department” Plenary Keynote Address; Honorary Airway Masterclass; University Malaya Medical Centre; Kuala Lumpur, Malaysia; December 4, 2018
- 84) “Approach to Airway Management in The Emergency Department” Emergency Medicine Grand Rounds; Hospital Selayang; Kuala Lumpur, Malaysia; December 3, 2018
- 85) Training and learning associated with airway management” ; Plenary Keynote Address; Karl Storz Airway Academy; The Lung Center of the Philippines, Manila, Philippines 11/30/2018
- 86) “CMAC And Equipment for Emergency Medicine Airway Management”; Plenary Keynote Address; Karl Storz Airway Academy; The Lung Center of the Philippines, Manila, Philippines 11/30/2018
- 87) “Quality and Patient Safety at UPMC”; The 8th US-China Health Forum, Chengdu, China 10/13/2018
- 88) Comprehensive Debriefing Workshop; Course Director and Faculty. International for Simulation and Medical Education Meeting; Taipei Medical University; Taipei, Taiwan, August 5, 2018
- 89) Incident to Solution: Patient Safety and Simulation; Plenary Address; International for Simulation and Medical Education Meeting; Taipei Medical University; Taipei, Taiwan, August 4, 2018

- 90) Improving Simulation Instructional Methods – Fundamental (iSIM-Fundamentals); Course Co-Director; 301 Hospital of the Chinese Peoples Liberation Army; Beijing, China, August 1 & 2, 2018
- 91) Improving Simulation Research Methods – Master (iSIM-Master); Course Co-Director; Peking Union Medical College Hospital; Beijing, China, July 31, 2018
- 92) WISER and the Future of Simulation in Healthcare; Keynote Leadership Briefing; First Affiliated Hospital of Zhengzhou University; China; July 30, 2018
- 93) Improving Simulation Research Methods – Research (iSIM-Research); Course Co-Director; Peking Union Medical College Hospital; Beijing, China, July 27,28 & 29 2018
- 94) “Creating Assessment in Simulation to Increase Value” (Plenary Session Address); 2018 Xiangya International Symposium on Medical Education, part of the China Consortium of Elite Teaching Hospitals for Residency Education Conference; Changsha, China April 21, 2018
- 95) “OSCE Tool Development Workshop” (Co-Faculty) Shandong Province Medical Education Training; Jinan, China April 16, 2018
- 96) “Debriefing Workshop” (Co-Faculty) Shandong Province Medical Education Training; Jinan, China April 16, 2018
- 97) “Patient Safety in the Busiest Emergency Departments” (Plenary Address); Peking Union Medical College International Symposium on Emergency Medicine; Beijing, China, April 14, 2018
- 98) “Constructing the Medical Education Simulation Faculty” (Plenary, Keynote Address); Medical Education Symposium, First Affiliated Hospital of Zhengzhou University; Zhengzhou, China, April 13, 2018
- 99) Basics of Assessment - Faculty Development Workshop — Peking Union Medical College; Beijing China, April 11, 2018
- 100) “Integration of Simulation into Medical Education” (Plenary Address) 3rd Affiliated Hospital of the Guangzhou Medical University; Guangzhou, China, March 12, 2018
- 101) “Assessment Tool Workshop” (Lead Faculty); 2nd International Zhujiang Medical Simulation Summit Forum of the Southern Medical University; Guangzhou, China, March 10.2018
- 102) “Scenario Design Competition” (Judge/Discussant); 2nd International Zhujiang Medical Simulation Summit Forum of the Southern Medical University; Guangzhou, China March 09.2018
- 103) “Progress in Medical Simulation” (Keynote Plenary Address); 2nd International Zhujiang Medical Simulation Summit Forum of the Southern Medical University; Guangzhou, China March 09.2018
- 104) “Technology for Patient Safety” “Simulation in Emergency Medicine” (Keynote Plenary Session); 3rd Annual Conference of the Saudi Arabian Society for Emergency Medicine; Riyadh, Saudi Arabia February 13, 2018
- 105) “Simulation in Emergency Medicine” (Keynote Plenary Session); 3rd Annual Conference of the Saudi Arabian Society for Emergency Medicine; Riyadh, Saudi Arabia February 12, 2018
- 106) “Airway Management in the Emergency Department” (Keynote Plenary Session); 3rd Annual Conference of the Saudi Arabian Society for Emergency Medicine; Riyadh, Saudi Arabia February 11, 2018
- 107) How to run a successful simulation programs and simulation center? Co-Director and Presenter, International Meeting for Simulation in Healthcare IMSH, Los Angeles, California, January 17, 2018
- 108) “Simulation Center Growth and Improvement: The Impact SSH Accreditation Can Have on Your Program” - International Meeting for Simulation in Healthcare IMSH, Los Angeles, California, January 16,

2018

- 109) Simulation Scenario Design: Contextualized, Integrated and Innovative (workshop); Co-Director and Presenter, International Meeting for Simulation in Healthcare IMSH, Los Angeles, California, January 15, 2018
- 110) “The Art and Science of Public Speaking” (workshop), Co-Director and Presenter” International Meeting for Simulation in Healthcare IMSH, Los Angeles, California, January 15, 2018
- 111) Simulation Scenario Design (Workshop); [Repeat]; Course Author and Co- Lead Faculty; Wuhan University Schools of Health Sciences Sino-U.S Nursing Simulation Education Seminar; Hope School of Nursing at Wuhan Medical College, Wuhan, China November 5, 2017
- 112) Simulation Scenario Design (Workshop); Course Author and Co- Lead Faculty; Wuhan University Schools of Health Sciences Sino-U.S Nursing Simulation Education Seminar; Hope School of Nursing at Wuhan Medical College, Wuhan, China November 5, 2017
- 113) The Global State of Simulation (Keynote Plenary Address); Wuhan University Schools of Health Sciences Sino-U.S Nursing Simulation Education Seminar; Hope School of Nursing at Wuhan Medical College, Wuhan, China November 4, 2017
- 114) Back Injury Prevention Program – Faculty; First Affiliated Hospital of Xiangya, Changsha, China, Nov 3 2017
- 115) “Improving Simulation Instructional Methods (iSIM) Master Course (2 day)” Course Director and Lead Faculty; Second Affiliated Hospital of Xiangya, Changsha, China, Nov 1 & 2, 2017
- 116) “Improving Simulation Instructional Methods (iSIM) – Fundamentals (2 day)” Course Director and Lead Faculty; Second Affiliated Hospital of Xiangya, Changsha, China, Oct 30 & 31, 2017
- 117) Curriculum Integration Workshop (4 hours); Course Author and Lead Faculty; 2017 Faculty Development Program of National Medical Simulation Education in China and the 3rd Xiangya International Medical Simulation Education Forum, Sponsored by the Second Affiliated Hospital of Xiangya, Changsha, China, Oct 28, 2017
- 118) Construction of Professional Medical Education Simulation Faculty (Plenary Keynote Speaker); 2017 Faculty Development Program of National Medical Simulation Education in China and the 3rd Xiangya International Medical Simulation Education Forum, Sponsored by the Second Affiliated Hospital of Xiangya, Changsha, China, Oct 28, 2017
- 119) Improving Simulation Instructional Methods (iSIM) – Clinical Reasoning Course (2 day); Course Co-Author and Faculty Member; as part of 2017 Guangji Healthcare Simulation Education Forum, Hangzhou, China; 10/26 & 27/2017
- 120) “The Roads of Safety Culture and Patient Safety: Do They Cross?” Visiting Professor Lecture; UPMC Susquehanna; Williamsport, Pa. August 16, 2017
- 121) “Simulation as a Patient Safety Assessment Tool” Plenary Talk; International Meeting for Simulation and Medical Education, Ningbo, China, August 4, 2017
- 122) “Simulation: A Critical Tool for Patient Safety” Keynote Plenary Talk; International Meeting for Simulation and Medical Education, Ningbo, China, August 4, 2017
- 123) “Quality Assurance for Reliability and Efficiency in Simulation Programs: The Value of Third Party Evaluation of Simulation Programs”; Plenary Speech; International Symposium on Military Medicine; National Defense Training Academy; Taipei, Taiwan (ROC); August 2, 2017
- 124) “Simulation as a Patient Safety Assessment Tool” Plenary Talk; Taipei Medical University Simulation Education Meeting; Taipei Medical University, Taipei, Taiwan (ROC); August 2, 2017

- 125) “Simulation: A Critical Tool for Patient Safety” Keynote Plenary Talk; Taipei Medical University Simulation Education Meeting; Taipei Medical University, Taipei, Taiwan (ROC); August 2, 2017
- 126) “The Roads of Safety Culture and Patient Safety: Do They Cross? ” – Emergency Medicine Leadership Meeting, Northeast Operating Unit; EmCARE; Newark, New Jersey June 15,2017
- 127) “Simulation for Performance Improvement in Emergency Medicine” – Emergency Medicine Leadership Meeting; EmCARE; Newark, New Jersey June 15,2017
- 128) “The Rise of Simulation in Healthcare” (Quoted); Modern Healthcare; June 12,2017, <http://www.modernhealthcare.com/article/20170530/SPONSORED/170539992>
- 129) “Improving Simulation Instructional Methods (iSIM) - Fundamentals” Course Director and Lead Faculty; Taipei Medical University, Taipei, Taiwan May 18 & 19, 2017
- 130) “Improving Simulation Instructional Methods (iSIM) - Master” Course Director and Lead Faculty; Peking Union Medical College, Beijing China; May 15 & 16, 2017
- 131) “Improving Simulation Instructional Methods (iSIM) - Fundamentals” Course Director and Lead Faculty; Peking Union Medical College, Beijing China; May 13 & 14, 2017
- 132) “Difficult Airway Management for Physicians – for the US Army; (Course Director and Faculty Member) SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, March 22, 2017; 8am - 5pm
- 133) “Difficult Airway Management for Physicians – for the US Army; (Course Director and Faculty Member) SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, , March 21, 2017; 8am - 5pm
- 134) “Difficult Airway Management for Physicians – for the US Army; (Course Director and Faculty Member) SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, , March 20, 2017; 8am - 5pm
- 135) International Partnerships to Develop Faculty (Workshop Co-Faculty); International Meeting for Simulation in Healthcare; Orlando, Florida January 30, 2017
- 136) In Situ Simulation: A Powerful Systems Diagnostic Tool (Workshop Co-Faculty); International Meeting for Simulation in Healthcare; Orlando, Florida January 29, 2017
- 137) Art of Public Speaking (Workshop Co-Faculty); International Meeting for Simulation in Healthcare; Orlando, Florida January 29, 2017
- 138) Performing Educational Research: Complexities & Pitfalls Workshop (Workshop Co-Faculty); International Meeting for Simulation in Healthcare; Orlando, Florida January 29, 2017
- 139) “Create Engaging Pre- and Post-course Content” (four hour pre-conference workshop); Co-Faculty; International Meeting for Simulation in Healthcare; Orlando, Florida January 28 2017
- 140) “Education in Healthcare Systems: Keeping Patients Safer” Invited Grand Round Speaker; Miller School of Medicine, University of Miami, Department of Medical Education; January 20,2017
- 141) “Improving Simulation Instructional Methods (iSIM) - Fundamentals” Course Director and Lead Faculty; Medtronics Training Center, Shanghai, China; January 11 & 12, 2017
- 142) “Improving Simulation Instructional Methods (iSIM) - Complete” Course Director and Lead Faculty; Queen Elizabeth Hospital for the Honk Kong Hospital Authority, Hong Kong, SAR China December 5,6 and 7, 2016
- 143) “Improving Simulation Instructional Methods (iSIM) - Complete” Course Director and Lead Faculty; Queen Elizabeth Hospital for the Honk Kong Hospital Authority, Hong Kong, SAR China December 1,2 and

3, 2016

- 144) “Trauma Resuscitation Workshop Using Simulation” – Workshop; Korean Society for Emergency Medical Services Annual Meeting. Seoul Korea, August 11, 2016
- 145) “In-Situ Simulation for Paramedicine” – Plenary Keynote Address; Korean Society for Emergency Medical Services Annual Meeting. Seoul Korea, August 11, 2016
- 146) “Simulation for Residency Training and Faculty Development” (Plenary Keynote Address); International Medical Education Forum; Second Xiangya Hospital of Central South University; Changsha, China; October 17 & 18 2016
- 147) “Improving Simulation Instructional Methods – Basic and Advanced (16 hours)” Course Director and Lead Faculty; Second Xiangya Hospital of Central South University; Changsha, China; October 17 & 18 2016
- 148) “Improving Simulation Instructional Methods – Basic and Advanced (16 hours)” Course Director and Lead Faculty; First Hospital of South Central University; Changsha, China; October 19 & 20, 2016
- 149) “A Successful Model of Simulation Center Operations for an Academic Medical Center” (Plenary Keynote Address); First Hospital of South Central University; Changsha, China October 16, 2016
- 150) “Simulation Scenario Design Workshop” (Co-Director); Workshop with Thomas Lin, MD; First Hospital of South Central University; Changsha, China October 16, 2016
- 151) “Dialogue between China and the World: Reformation of Medical Licensure Exam” (Panel Discussant); ; First Hospital of South Central University; Changsha, China October 15, 2016
- 152) “Integrating Simulation into Residency Training: Trying to Solve a Puzzle” Lecture; Beijing, China; August 27, 2016
- 153) “G.A.S. Debriefing” Workshop; Center for Sustainment of Trauma and Readiness Skills (C-STARS), University of Cincinnati, Cincinnati, Oh; August 19, 2016
- 154) “How to Design a Scenario” International Conference in Medical Education & Simulation; Ningbo, China; August 14, 2016
- 155) “How to Run a Successful Simulation Center” International Conference in Medical Education & Simulation; Ningbo, China; August 14, 2016
- 156) “Solving the Puzzle of Residency Training: Incorporating Task Training, Simulated Learning and Actual Patient Care” Lecture; International Conference in Medical Education & Simulation; Ningbo, China; August 13, 2016
- 157) “How to Run a Successful Simulation Center” International Conference in Medical Education & Simulation, Taipei, Taiwan; August 9, 2016
- 158) “Improving Simulation Instructional Methods (iSIM)” Course Director and Lead Faculty; Chengdu, China; June 26-27, 2016
- 159) “Patient Safety in the Busiest Emergency Departments” (Plenary, Keynote Speaker) – 1st Summit Forum; West China School of Medicine, Chengdu, China; June 25, 2016
- 160) “Success Breeds Success: Building Your Simulation Program to Achieve Excellence” – Keynote Speaker; Building Intra-professional Simulation Conference, Howard Community College; Columbia, Maryland; June 3, 2016
- 161) “Improving Simulation Instructional Methods – Basic and Advanced (16 hours)” Course Director and Lead Faculty; Peking Union Hospital at Peking Union University, Beijing, China; May 12-13, 2016

- 162) Debriefing Workshop; Course Director and Co-Facilitator; Nanfang Hospital of Southern Medical University; Guangzhou, China May 9, 2016
- 163) “Solving the Residency Training Puzzle: Incorporating Task Training, Real Patient Learning and Simulation” – Workshop Presentation; Nanfang Hospital of Southern Medical University; Guangzhou, China May 9, 2016
- 164) “Faculty Development for Residency Training” – Workshop Presentation; Nanfang Hospital of Southern Medical University; Guangzhou, China May 9, 2016
- 165) Debriefing Workshop; Course Director and Co-Facilitator; Nanfang Hospital of Southern Medical University; Guangzhou, China May 9, 2016
- 166) “Solving the Residency Training Puzzle: Incorporating Task Training, Real Patient Learning and Simulation” – Workshop Presentation; Peking University Shenzhen Hospital; Shenzhen, China May 8, 2016
- 167) “Faculty Development for Residency Training” – Workshop Presentation; Peking University Shenzhen Hospital; Shenzhen, China May 8, 2016
- 168) “Patient Safety in Busy Emergency Departments” – Plenary Session; 4th West China International Forum for Emergency Medicine; Chengdu, China May 7, 2016
- 169) “Debriefing for Increased Learning” – Faculty Development Workshop; 4th West China International Forum for Emergency Medicine; Chengdu, China May 5, 2016
- 170) “Emergency Medicine Difficult Airway Management” Course Director, (for US Army) University of Hawaii; Honolulu, Hawaii; April 20-22, 2016
- 171) “Emergency Physician Airway Management Training and Standardization of Guidelines” (Organizational Pledge Plenary Presentation) World Patient Safety, Science & Technology Summit 2016; Dana Point, California; January 23, 2016
- 172) “Rapid Development of Session Simulation Debriefing Skills: Combine Cognitive Aids, Exemplars and Assessment Tools” – Workshop with John Marc O’Donnell, RN, MSN, CRNA, DrPH; Joseph Goode, Jr., RN, MSN, CRNA; International Meeting for Simulation in Healthcare (IMSH), San Diego, California; January 20, 2016
- 173) “Design Integrated Simulation Scenarios” – Workshop with Thomas Che-Wei Lin, MD; Zhiqiao Chen, PhD; Wen Cheng Huang, MD; Geoffrey T Miller, MS, EMT-P; Jen-chieh Wu, MD; International Meeting for Simulation in Healthcare (IMSH), San Diego, California; January 19, 2016
- 174) “Challenges in Assessment: Develop Tools and Learn to Use Them” – Workshop with John Marc O’Donnell, RN, MSN, CRNA, DrPH, Joseph Goode, Jr., RN, MSN, CRNA; International Meeting for Simulation in Healthcare (IMSH), San Diego, California, January 18, 2016
- 175) “Leadership in Context” – Panel Discussion with C. Donald Combs; Robert K. Armstrong, MS; Sandra Feaster, RN, MS, MBA; International Meeting for Simulation in Healthcare (IMSH), San Diego, California; January 18, 2016
- 176) “Improving Simulation Instructional Methods (iSIM)” Course Director and Lead Faculty; Cleveland Clinic, Cleveland, Ohio; January 11-13, 2016
- 177) “Best Practices and Beyond in Simulation” ; Faculty Development Workshop; Universidad Hispanoamericana; San Jose, Costa Rica, December 9, 2015
- 178) “Vision, Values, Process, and Proof in Simulation”; Accreditation Gala; Plenary Keynote Address;

Universidad Hispanoamericana; San Jose, Costa Rica; December 9, 2015

- 179) 8th Asia Conference for Emergency Medicine (ACEM 2015), Taipei International Convention Center, Taipei, Taiwan; November 7-10, 2015
- 180) “Improving Simulation Instructional Methods (iSIM) Master Course – 2 day 16 hours) ” Course Director and Lead Faculty; Wuhan University, Wuhan, China; November 2 & 3, 2015
- 181) “Improving Simulation Instructional Methods (iSIM) – 2 day 16 hours) ” Course Director and Lead Faculty; Wuhan University, Wuhan, China; November 2 & 3, 2015
- 182) “Designing Scenarios for Team Training and Communications” (Workshop); 4th Annual Medical Education and Simulation Conference, Rujin Hospital, Shanghai, China October 31, 2015
- 183) “Scenario Design Workshop” (Workshop); 4th Annual Medical Education and Simulation Conference, Rujin Hospital, Shanghai, China October 31, 2015
- 184) “The Future of Simulation” Keynote Address; 4th Annual Medical Education and Simulation Conference, Rujin Hospital, Shanghai, China October 31, 2015
- 185) “Debriefing Using the Structure and Supported Method and the GAS Tool”; Preconference Workshop Address; Inaugural Meeting of the Pan-Asia Simulation Society in Healthcare; October 22,2015; Taylors University, Kuala Lumpur, Malaysia
- 186) “The Wonderful World of Simulation – Where are We Headed?” Keynote Address; Inaugural Meeting of the Pan-Asia Simulation Society in Healthcare; October 22,2015; Taylors University, Kuala Lumpur, Malaysia
- 187) “Constructing Multi-Modal Scenarios for Assessment”; Preconference Workshop Address; Inaugural Meeting of the Pan-Asia Simulation Society in Healthcare; October 22,2015; Taylors University, Kuala Lumpur, Malaysia
- 188) “Improving Simulation Instructional Methods (iSIM) – 2 day 16 hours) ” Course Director and Lead Faculty; Medtronic/Covidien Center For Creative Innovation, Shanghai, China, August 20 & 21, 2015
- 189) “Approach to Critically Ill Trauma Patient in Hemorrhagic Shock” (Interactive Lecture and Simulation Workshop; 4 hours), Visiting Professor Rounds; One Fang Hospital of Taipei Medical Univeristy, Taipei, Taiwan, August 18, 2015
- 190) “My Journey to Taiwan - From EMT and beyond....What Makes a Great EMT?” (Keynote Address) International Conference on Emergency Medical Systems, Taipei Medical University, Taipei, Taiwan, August 17, 2015
- 191) “Scenario Design Workshop” (Workshop 4 hours, repeat) – The International Conference on Clinical Competence and Simulation in Healthcare , Taipei Medical University, Taipei, Taiwan, August 16, 2015
- 192) “Scenario Design Workshop” (Workshop 4 hours) – The International Conference on Clinical Competence and Simulation in Healthcare , Taipei Medical University, Taipei, Taiwan, August 15, 2015
- 193) “Simulation for Patient Safety” (Keynote Address) – The International Conference on Clinical Competence and Simulation in Healthcare , Taipei Medical University, Taipei, Taiwan, August 15, 2015
- 194) “Improving Simulation Instructional Methods – Advanced (8 hours) ” Course Director and Lead Faculty; August 14, 2015; Taipei Medical University, Taipei, Taiwan
- 195) “Improving Simulation Instructional Methods – Basic (8 hours) ” Course Director and Lead Faculty; August 13, 2015; Taipei Medical University, Taipei, Taiwan

- 196) “Simulation and Patient Safety Strategies for Success” – Plenary Session; MCIC Vermont Annual Safety Symposium, Washington DC, USA, June 12, 2015
- 197) “Simulation Now, and into the Future” – Key Note Lecture; May 9, 2015, Hunan Provincial People’s Hospital, Changsha, China
- 198) “Simulation and Patient Safety” – Key Note Lecture; ;May 9, 2015, Second Hospital of XiangYa University, Changsha, China
- 199) “Introduction to Scenario Design (Repeat)” – (Workshop Lead Faculty) ; Symposium for Simulation and Medical Education; May 7, 2015, University of South China, Hengyang, Hunan Province, China
- 200) “Introduction to Scenario Design” – (Workshop Lead Faculty) ; Symposium for Simulation and Medical Education; May 6, 2015, University of South China, Hengyang, Hunan Province, China
- 201) “The Future of Simulation“ – Key Note Lecture; Symposium for Simulation and Medical Education; May 6, 2015, University of South China, Hengyang, Hunan Province, China
- 202) “Improving Simulation Instructional Methods” Course Director and Lead Faculty; April 26,27 & 28, 2015; Institute for Medical Simulation and Advanced Learning (IMSAL), New York, New York ,
- 203) “Improving Simulation Instructional Methods” Course Director and Lead Faculty; April 22,23 & 24, 2015; Center for Advance Medical Simulation & Learning, University of Southern Florida, Tampa, FL.
- 204) “Improving Simulation Instructional Methods – Basic” Course Director and Lead Faculty; April 19, 2015; Simulation Users Network; Atlanta, Ga.
- 205) “On Patient Safety” Keynote Plenary Presentation; Laerdal Annual Meeting; New Orleans, La. January 14, 2015
- 206) "The Leadership in Health-care Simulation in 2015 ": Expert Panel"; Expert Panelist; International Meeting for Simulation in Healthcare, New Orleans, La. January 13, 2015
- 207) “Leadership Training Academy: Facilitating a Meeting” ; Workshop Co-Director; International Meeting for Simulation in Healthcare, New Orleans, La. January 13, 2015
- 208) “Leadership Training Academy: Public Speaking” ; Workshop Co-Director; International Meeting for Simulation in Healthcare, New Orleans, La. January 13, 2015
- 209) “Overcoming Challenges in Assessment – Developing Tools and Learning How to Use Them” ; Workshop Co-Director; International Meeting for Simulation in Healthcare, New Orleans, La. January 12, 2015
- 210) “How to Design an Integrated Simulation Scenario Using Multimodal Methods”; Workshop Co-Director; International Meeting for Simulation in Healthcare, New Orleans, La. January 10, 2015
- 211) “Simulation for Inter-professional Education” Panel Moderator; December 3, 2014; Simulation Users Network; Philadelphia, Pa.
- 212) “Improving Simulation Instructional Methods – Basic” Course Director and Lead Faculty; December 2, 2014; Simulation Users Network; Philadelphia, Pa.
- 213) Airway Workshop (Co-Coordinator and Faculty Member); Philippines Society of Anesthesiology Annual Meeting; November 21, 2014; Manila, Philippines
- 214) “Simulation for Airway Training in Anesthesiology” (Keynote Plenary Session); Philippines Society of Anesthesiology Annual Meeting; November 20, 2014; Manila, Philippines
- 215) “The Business Of Simulation: Establishing Quality, Value, & Benefit” (invited Presenter/Panelist);

- November 12, 2014; Association for Simulated Practice in Healthcare (ASPiH), 5th Annual Meeting; Nottingham, England
- 216) “Developing the Assessment of Professional Practice” – (Keynote Address); November 12, 2014; Association for Simulated Practice in Healthcare (ASPiH), 5th Annual Meeting; Nottingham, England
 - 217) “Building the evidence for simulation” (6 hour pre –conference workshop) with (Dr Tim Draycott); November 11, 2014 Association for Simulated Practice in Healthcare (ASPiH), 5th Annual Meeting; Nottingham, England
 - 218) Improving Simulation Instructional Methods – 3 Day” Course Director and Lead Faculty; October 8,9 & 10, 2014; Nan Yang Poly School of Nursing
 - 219) “The Crystal Ball of Simulation” (Keynote Plenary Address); Cincinnati Children’s Hospital Simulation Conference; Sep 23, 2014; Cincinnati, Ohio
 - 220) “Difficult Airway Management for Physicians – for the US Army; (Course Director and Faculty Member) SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, September 15, 2014; 8am - 5pm
 - 221) “Difficult Airway Management for Physicians – for the US Army; (Course Director and Faculty Member) SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii; September 17, 2014; 8am - 5pm
 - 222) “Debriefing Workshop” Western Dakota Technical Institute; August 14, 2014; Rapid City, North Dakota
 - 223) Improving Simulation Instructional Methods – 2 Day” Course Director and Lead Faculty; July 30 & 31, 2014; Covidien Center for Innovation; Shanghai, China
 - 224) Improving Simulation Instructional Methods – 2 Day” Course Director and Lead Faculty; July 30 & 31, 2014; Wuhan University School of Medicine; Wuhan, China
 - 225) “Improving Simulation Instructional Methods – Advanced” Course Director and Lead Faculty; July 28, 2014; Taipei Medical University, Taipei, Taiwan
 - 226) “Multimodal Simulation Examination Integration Workshop” Co-Faculty with Dr. Che Wei Lin, Lead Faculty; Second Annual Conference on Clinical Competence; July 27, 2014; Taipei Medical University, Taipei, Taiwan
 - 227) “Simulation Scenario Design Workshop” Lead Faculty; Second Annual Conference on Clinical Competence and Simulation; July 26, 2014; Taipei Medical University, Taipei, Taiwan
 - 228) “The Pearls of Simulation” Opening Keynote Plenary Address; Second Annual Conference on Clinical Competence and Simulation; July 26, 2014; Taipei Medical University, Taipei, Taiwan
 - 229) “Improving Simulation Instructional Methods – Basic” Course Director and Lead Faculty; July 25, 2014; Taipei Medical University, Taipei, Taiwan
 - 230) “Technical Connections: The Foundations of Simulation” (Opening Keynote Plenary Session); Simulation Technician Conference of the Society for Simulation in Healthcare”; July 11, 2014, Pittsburgh, Pennsylvania
 - 231) “Video for Under a Grand!” (Workshop); Simulation Technician Conference of the Society for Simulation in Healthcare”; July 11, 2014, Pittsburgh, Pennsylvania
 - 232) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Simulation Holmesglen University, Melbourne Australia May 28,29 & 30, 2014
 - 233) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Simulation Kwong Wah Hospital, Hong Kong, February 6,7 & 8, 2014

- 234) “Simulation Accreditation Expert Panel”; (Invited Panelist) with Thomas Lin, MD; , International Meeting for Simulation in Healthcare, San Francisco, January 28, 2014
- 235) “The Business of Simulation”; (Workshop); International Meeting for Simulation in Healthcare, San Francisco, January 27, 2014
- 236) “iOSCE – Combining Simulation Modalities to Meet Assessment Needs”; (Workshop) with Thomas Lin, MD; , International Meeting for Simulation in Healthcare, San Francisco, January 27, 2014
- 237) Debriefing – Structured and Supported Model – (Preconference Workshop); With John O’Donnell and Joseph Goode, International Meeting for Simulation in Healthcare, San Francisco, January 26, 2014
- 238) “Simulation for Patient Safety and Ongoing Professional Competency”; ASEAN Congress of Anesthesiology; Singapore, Singapore, November 2, 2013
- 239) “Airway Workshop Precongress Simulations” (Faculty); ASEAN Congress of Anesthesiology; Singapore, Singapore, October 30, 2013
- 240) “Simulation for Education and Assessment” (Keynote Faculty); Shanghai Medical Association Medical Education Committee International Symposium; Jiao Tong University, 6th People Hospital; Shanghai, China October 29, 2013
- 241) “Leadership in Simulation” (Invited Panel Member); 2nd Asia Pacific Meeting on Simulation in Healthcare; Shanghai, China October 27, 2013
- 242) “International Collaborations for Success in Developing Simulation Programs” (Workshop, Lead Faculty Member); 2nd Asia Pacific Meeting on Simulation in Healthcare; Shanghai, China October 26, 2013
- 243) “Creating Synergy With Simulation” (Opening Plenary Session); 2nd Asia Pacific Meeting on Simulation in Healthcare; Shanghai, China October 25, 2013
- 244) “Simulation for Crisis Teams” (Pre-Congress Workshop, Lead Faculty); Asian Congress on Emergency Medicine; Tokyo Forum, Tokyo Japan, October 22, 2013
- 245) “Simulation for Residency Education” (Plenary Presentation); Medical Education Conference; Okayama University Hospital, Okayama, Japan, October 21, 2013
- 246) “Improving Instructional Methods in Simulation (iSIM)” (Mini Course) Course Director and Lead Instructor, Simulation Users Network Meeting, San Antonio, Tx, October 1, 2013
- 247) “Rapid-Fire Debriefing: Matching Methods with Operational Needs”; Pre-Conference Workshop; Australian Society for Simulation in Healthcare Annual Meeting; Brisbane Australia, September 16, 2013
- 248) “Simulation Approaches – How Do We Do It and With Whom?” (Invited Panelist); SimHealth 2013; Australian Society for Simulation in Healthcare Annual Meeting; Brisbane Australia, September 17, 2013
- 249) “Exploring Boundaries in Simulation” (Invited Panelist); SimHealth 2013; Australian Society for Simulation in Healthcare Annual Meeting; Brisbane Australia, September 19, 2013
- 250) “Simulation, Now and into the Future” (Keynote Address); 2nd Sino-US Forum on Anesthesia and Xiangya Forum on Medical Simulation, Xiangya University, Changsha, China October 14, 2013
- 251) “Simulation in Medical Education” (Keynote Address); Chilean Congress of Medical Education, at Universidad Diego Portales; Santiago, Chile; July 25, 2013
- 252) “Journey into Healthcare Simulation” (Workshop, Lead Faculty); Wuhan Medical University, Wuhan China October 30, 2013

- 253) “Scenario Design Workshop” Taiwan Society for Emergency Medicine; Taipei Medical University, Taipei, Taiwan; June 28, 2013
- 254) “Simulation in to the Future for Emergency Medicine” (Keynote Address); Taiwan Society for Emergency Medicine; Taipei Medical University, Taipei, Taiwan; June 28, 2013
- 255) “Improving Instructional Methods in Simulation (iSIM)” (Mini Course) Course Director and Lead Instructor, Taipei Medical University Medical Education Congress, Taipei, Taiwan; June 22-23, 2013, 2013
- 256) “Simulation for Patient Safety and Assessment” (Keynote Address); Taipei Medical University Medical Education Congress; Taipei Medical University; Taipei, Taiwan; June 22, 2013
- 257) Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Nan Yang Polytechnic School of Nursing, Singapore, Singapore, Feb 13,14 & 15, 2013
- 258) Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Holmesglen University, Melbourne, Australia May 21,22 & 23, 2013
- 259) Debriefing – Structured And Supported Approach (Pre-congress Workshop); International Meeting for Simulation in Healthcare (IMSH); Orlando, Florida January 26, 2013
- 260) “Simulation in Paramedic/EMT Training in the USA, Today and Future”; Korean Society for Emergency Medical Services International Conference, Eulji Universty; Seongnam City, Gyeonggi-do, South Korea; October 27, 2012
- 261) “Airway Workshop” – Course Faculty, Pan Asian Emergency Medicine Conference, Co-Ex International Conference Center; Seoul, South Korea, October 23, 2012
- 262) “Simulation in Emergency Medicine Training” (Lecture) Pan Asian Emergency Medicine Conference, Co-Ex International Conference Center; Seoul, Korea, October 24, 2012
- 263) “Simulation in Emergency Medicine Training” (Keynote Address); Korean Society for Simulation in Healthcare 2012 Annual Meeting”; Korea University College of Medicine, October 20,2012
- 264) Improving Simulation Instructional Methods – Mini (iSIM-Mini); Simulation Users Network, Phoenix, Arizona, October 2, 2012
- 265) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, September 26, 2012 8am - 5pm, Course Director and Faculty Member
- 266) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, September 24, 2012 8am - 5pm, Course Director and Faculty Member
- 267) “Healthcare Simulation in the Hospital – Now and in the Future” (Keynote Inaugural Address); Bionics Center for Training and Patient Safety; Santiago, Chile, September 6, 2012
- 268) “Scenario Construction Workshop” - 1st China Clinical Education and Simulation in Healthcare Conference, Shanghai, China, August 26, 2012
- 269) “The Future of Simulation for Patient Safety and Ongoing Clinical Competence” (Plenary Session Keynote); 2nd Annual Asean Simulation Users Network, National University Hospital, Singapore, July 11, 2012
- 270) “Structured and Supported Debriefing” (Lecture); 2nd Annual Asean Simulation Users Network, National University Hospital, Singapore, July 11, 2012

- 271) “Setting up a Simulation Programme” (Session Moderator); 2nd Annual Asean Simulation Users Network, National University Hospital, Singapore, July 11, 2012
- 272) “Training Tomorrows Trainers in Simulation” – Course Developer and Lead Instructor, Siriraj Academic Medical Center, Bangkok, Thailand, May 5 and 6, 2012
- 273) “Point to Point Care: From the Battlefield Point of Injury to Definitive Care”; Simulation Workshop, (co-creator and Faculty Member) Asian Pacific Military Medicine Conference, Bangkok, Thailand, May 2, 2012
- 274) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Police General Hospital Bangkok, Thailand, April 25,26 &27, 2012
- 275) “Crystal Balls and One Way Mirrors – Healthcare Simulation, Now and Into the Future. (Keynote Speaker); Medical Simulation & Training Center of 2025 - Challenges and Opportunities for Transformative Outcomes.; University of Illinois Champaign, Champaign, Ill., April 19, 2012.
- 276) One Way Mirrors and Crystal Balls: The Future of Simulation in Healthcare, The 5th Annual Jose Albenaz Golden Apple Distinguished Lecture, East Carolina University School of Medicine April 13,2012
- 277) “Simulation and a Role in Education”; Panel Discussant, Association of Academic Medical Centers, Annual Meeting, Washington DC, March 26, 2012
- 278) “Improving Instructional Methods in Simulation – Japanese (iSIM-J)” Course Director and Lead Instructor, University of the Ryukyus, Okinawa Japan March 23,24 and 25, 2012
- 279) Airway Workshop; 3rd Annual Airway Conference; Australian Society of Anesthetists; Lorne, Australia, March 9 – 11, 2012
- 280) Airway Management in the Out of Hospital Environment (Plenary); 3rd Annual Airway Conference; Australian Society of Anesthetists; Lorne, Australia, March 9 – 11, 2012
- 281) Simulation Training for Physicians in Difficult Airway Management (Plenary); 3rd Annual Airway Conference; Australian Society of Anesthetists; Lorne, Australia, March 9 – 11, 2012
- 282) Airway Management in the Out of Hospital Environment – Similarities and Differences from the Operating Theatre (Keynote Plenary); 3rd Annual Airway Conference; Australian Society of Anesthetists; Lorne, Australia, March 9 – 11, 2012
- 283) Airway Management in the Emergency Department – Similarities and Differences from the Operating Theatre (Keynote Plenary); 3rd Annual Airway Conference; Australian Society of Anesthetists; Lorne, Australia, March 9 – 11, 2012
- 284) “Debriefing – Structured and Supported Methodology” Pre-Conference Workshop, International Meeting for Simulation in Healthcare, January 28 – Feb 1, 2012, San Diego, Ca.
- 285) “International Sharing of Curriculum for Collaboration”, Panel Discussant, International Meeting for Simulation in Healthcare, January 28 – Feb 1, 2012, San Diego, Ca.
- 286) “Conflict of Interest”, Panel Discussant, International Meeting for Simulation in Healthcare, January 28 – Feb 1, 2012, San Diego, Ca.
- 287) “Ethics and Professional Development” Facilitator, Pre-Conference Workshop on Inter Professional Education of the International Meeting for Simulation in Healthcare, January 27 and 28, 2012, San Diego, Ca.
- 288) “Mammals and Mannequins, Combing Modalities to Accomplish Your Objectives”; Lecture and Panel Discussant, 9th Annual Asian Pacific Medical Education Conference, National University Singapore, Singapore, January 14, 2012

- 289) “Simulation for Inter-Professional Education” – Workshop, 9th Annual Asian Pacific Medical Education Conference, National University Singapore, Singapore, January 11, 2012
- 290) “Teaching Trauma with Simulation.hk”, Course Developer and Lead Instructor, Queen Elizabeth Hospital, Hong Kong, October 16 and 17, 2011
- 291) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Princess Margaret Hospital, Hong Kong, Dec 13,14 and 15, 2011
- 292) “Advanced Simulation Based Curriculum Development”, Advanced Curriculum Workshop, Key Note Lecture, Queen Elizabeth Hospital, Hong Kong, October 15, 2011
- 293) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Queen Elizabeth Hospital, Hong Kong, October 6,7 and 8 20
- 294) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Queen Elizabeth Hospital, Hong Kong, March 23,24 and 25, 2011
- 295) iSIM-K (Improving Simulation Instructor Methods – Korean Version); (Course Director and Lead Faculty); Yonsei University, Seoul, Korea May 14 and 15,2011
- 296) “International Collaboration in Healthcare Simulation: Objectives and Strategies” (Expert Panel Member); Asian Pacific Meeting on Simulation in Healthcare; Grand Hyatt Convention Center; Hong Kong May 20, 2011
- 297) “Planning and Designing a Simulation Center – A Step by Step Guide” (Lecture) with Jonathon Fishman, MRCH; Asian Pacific Meeting on Simulation in Healthcare; Grand Hyatt Convention Center; Hong Kong May 20, 2011
- 298) Professor Rounds (Discussion Leader); Asian Pacific Meeting on Simulation in Healthcare; Grand Hyatt Convention Center; Hong Kong May 20, 2011
- 299) Simulation-Based Research: Building Your Research Program (Preconference Workshop) (Co-Instructor with S. Barry Issenberg and Geoff Miller); Asian Pacific Meeting on Simulation in Healthcare; Grand Hyatt Convention Center; Hong Kong May 20, 2011
- 300) “Simulation in Emergency Medicine and Critical Care” (Key Note Lecture) – 2nd Meeting of the Korean Society for Simulation in Healthcare, Hanyang University, Seoul Korea, May 16, 2011
- 301) “Ask the Experts” (Panel Discussant), Holmesglen University Simulation Symposium, Melbourne, Australia May 13, 2011
- 302) “Introduction to WISER and Developing Sustainable Models of Simulation” (Keynote Lecture), Holmesglen University Simulation Symposium, Melbourne, Australia May 13, 2011
- 303) “Simulation Program Development – Sustainable Models” (Keynote Lecture) Advanced Master Class Series, Maquarie University, Sydney, Australia, May 12, 2011
- 304) “Simulation Based Education for Disaster Preparation” (Workshop), Asian Pacific Military Medicine Conference, Sydney, Australia, May 11, 2011
- 305) “Airway Management of the Entrapped Patient” (Lecture) Asian Pacific Military Medicine Conference, Sydney, Australia, May 10, 2011
- 306) “Airway Management for Disasters” (Workshop) - Asian Pacific Military Medicine Conference, Sydney, Australia, May 10, 2011

- 307) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, March 29, 2011 8am - 5pm, Course Director and Faculty Member
- 308) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, March 31, 2011 8am - 5pm, Course Director and Faculty Member
- 309) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 1, 2011 8am - 5pm, Course Director and Faculty Member
- 310) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, University Kebangsaan Malaysia, Kuala Lumpur, Malaysia, March 14,15 and 16, 2011
- 311) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, Singapore General Hospital, Singapore, Singapore, March 9,10 and 11, 2011
- 312) “Ultrasound Workshop”, Faculty Member, Breakout Session Workshop, Annual Meeting of the Hawaii Thoracic Society, Maui, Hawaii, February 20, 2011
- 313) “Difficult Airway Management,-Keeping Calm in the Heat of Battle ” Plenary Session, Annual Meeting of the Hawaii Thoracic Society, Maui, Hawaii, February 20, 2011
- 314) “Bedside Procedural Sedation” Plenary Session, Annual Meeting of the Hawaii Thoracic Society, Maui, Hawaii, February 19, 2011
- 315) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, University of Hawaii School of Medicine, Honolulu, Hawaii, February 15,16 and 17, 2011
- 316) “Implementing Simulation Programs for Practicing Healthcare Providers”, Lecture and Workshop, Meridian Health System, Neptune New Jersey, January 3, 2011
- 317) “Clinicians are From Mars and Administrators are From Venus: Bridging the Communications Divide to Gain Support for Your Simulation Program” Podium Presentation, International Meeting For Simulation Healthcare, New Orleans, Louisiana, January 26, 2011
- 318) Invited Panel Member, International Meeting for Simulation Healthcare, New Orleans, Louisiana, January 24, 2011
- 319) “How to Get Your Abstract Accepted ”, Invited Panel Member, International Meeting for Simulation Healthcare, New Orleans, Louisiana, January 25, 2011
- 320) “Meet the Sim Pros, training for the masses”, Invited Panel Member, International Meeting for Simulation Healthcare, New Orleans, Louisiana, January 24, 2011
- 321) “Leadership in Simulation”, Pre-conference Workshop, Course Director, International Meeting for Simulation Healthcare, New Orleans, Louisiana, January 23, 2011
- 322) “Simulation Training in Modern Healthcare ” - Invited Lecturer, Queen Elizabeth Hospital, Hong Kong, China, December 14, 2010
- 323) “How to Develop Simulation Courses and Debriefing Sessions ” - Invited Lecturer, Queen Elizabeth Hospital, Hong Kong, China, December 14, 2010
- 324) “Simulation in Practice -- Interactive Scenario Demonstrations” - Invited Lecturer, Queen Elizabeth Hospital, Hong Kong, China, December 14, 2010

- 325) “Overview of WISER and Healthcare Simulation in Nursing”, Invited Lecturer, Hong Kong University school of nursing, Hong Kong, China, December 14, 2010
- 326) “Simulation in Healthcare” - Special Lecture and Interactive Workshop, Prince Margaret Hospital, Hong Kong, China, December 13, 2010
- 327) “Overview of WISER and Healthcare Simulation” - Lecture and Interactive Workshop, Prince Margaret Hospital, Hong Kong, China, December 13, 2010
- 328) “Simulation in Healthcare” - Special Lecture and Interactive Workshop, Zhongshan School of Medicine of Sun Yat-sen University, Guangzhou, China, December 11, 2010
- 329) “Simulation In Healthcare -- A United States / WISER Perspective”, College of Anaesthetists of Ireland, Dublin Ireland, December 7, 2010
- 330) “Simulation In Healthcare -- a United States / WISER Perspective”, Royal College of Surgeons of Ireland, Dublin Ireland, December 6, 2010
- 331) “The Importance of Simulation in Military Medicine”, Invited Lecture, Korean Military Medicine Academy, Daejeon, South Korea. October 15, 2010
- 332) “Assessment of Simulation in Nursing Education”, Plenary Keynote, 4th International Conference on Nursing Simulation and Disaster Education, Red Cross College of Nursing, October 13, 2010; Seoul, Korea
- 333) “Airway Management For Emergency Situations”, Workshop 8 Hours, Coordinator and Primary Faculty, College of Southern Idaho, September 22; Twin Falls, Idaho
- 334) “Airway Management For Emergency Situations”, Workshop 8 Hours, Coordinator and Primary Faculty, College of Southern Idaho, September 21; Twin Falls, Idaho
- 335) “Improving Instructional Methods in Simulation (iSIM)” Lead Instructor, September 12,13 and 14, Laerdal Medical Corporation; Wappingers Falls, NY
- 336) Healthcare Simulation Instructor Development Program; Lead Faculty, Red Cross College of Nursing, June 18 &19, 2010; Seoul, Korea
- 337) Overview of WISER and Current Approach to Simulation; Special Lecture for Medical Education Leadership, June 17, Capital Medical University, Beijing, China
- 338) Healthcare Simulation Practical Workshop; 1p – 5pm, June 15, 2010, Tianjin Medical College, Tianjin, China
- 339) “Top 10 Do’s and Don’ts of Simulation” – Lecture as part of Special Workshop, June 15, 2010, Tianjin Medical College, Tianjin, China
- 340) “How to Create a Successful Simulation Scenario” – Lecture as part of Special Workshop, June 15, 2010, Tianjin Medical College, Tianjin, China
- 341) “General Concept in Healthcare Simulation” – Lecture as part of Special Workshop, June 15, 2010, Tianjin Medical College, Tianjin, China
- 342) “History of WISER” – Lecture as part of Special Workshop, June 15, 2010, Tianjin Medical College, Tianjin, China
- 343) Healthcare Simulation Practical Workshop, June 13, 2010, 1p – 5pm, West China Hospital, Chengdu China
- 344) “Top 10 Do’s and Don’ts of Simulation” – Lecture as part of Special Workshop, June 13, 2010, West

China Hospital, Chengdu China

- 345) “How to Create a Successful Simulation Scenario” – Lecture as part of Special Workshop, June 13, 2010, West China Hospital, Chengdu China
- 346) “General Concept in Healthcare Simulation” – Lecture as part of Special Workshop, June 13, 2010, West China Hospital, Chengdu China
- 347) “History of WISER” – Lecture as part of Special Workshop, June 13, 2010, West China Hospital, Chengdu China
- 348) Airway Management Laboratory – International Conference on Emergency Medicine, June 12, 2010, Singapore
- 349) “Critical Care Monitoring in the Emergency Department” - Lecture, International Conference on Emergency Medicine, June 11, 2010, Singapore
- 350) Singapore, “Airway Management on the Medical Helicopter” Lecture, International Conference on Emergency Medicine, June 11, 2010, Singapore
- 351) “Simulation in Emergency Medicine – Where’s the Evidence?” - Lecture, International Conference on Emergency Medicine, June 9, 2010, Singapore
- 352) Roundtable Q & A on Simulation for Healthcare - Tan Tock Sing Hospital, Singapore, June 8, 2010
- 353) “Implementing Simulation into Healthcare Education” - Special Lecture, Tan Tock Sing Hospital, Singapore June 8, 2010
- 354) “From Concept to Reality – Designing a Successful Simulation Program” (Plenary Session) – Society of Education in Anesthesiology, Annual Meeting, Pittsburgh, Pa. June 5, 2010
- 355) “Incorporating Simulation into Nursing Education” – (Plenary Keynote); Nursing Simulation Education Meeting, 60th Anniversary Celebration, Jesus University, Jeonju, South Korea May 10, 2010
- 356) “The Role of Simulation in Healthcare Education” - (Plenary Keynote); 1st Annual Meeting of the Korean Society of Simulation in Healthcare, May 8, 2010, Seoul, South Korea
- 357) “Point to Point Care: From the Battlefield Point of Injury to Definitive Care”; Simulation Workshop, (co-creator and Faculty Member) Asian Pacific Military Medicine Conference, May 4, 2010, Jakarta, Indonesia
- 358) “The Use of Algorithms in Emergency Airway Management” (Invited Platform Presentation) – Asian Pacific Military Medicine Conference, May 4, 2010, Jakarta, Indonesia
- 359) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 16, 2010 , 8am - 5pm, Course Director and Faculty Member
- 360) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 14, 2010, 8am - 5pm, Course Director and Faculty Member
- 361) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 13, 2010, 8am - 5pm, Course Director and Faculty Member
- 362) Difficult Airway Management for Community Emergency Physicians – for the US Army; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 12, 2010, 8am - 5pm, Course Director and Faculty Member

- 363) “Simulation and Quality Assurance in Healthcare: A Crossroad of the 21st-Century” – Plenary Key Note Address, 7th Annual Asian Pacific Medical Education Conference, National University Hospital Health System, Singapore, Singapore, Feb 7, 2010
- 364) “Using Simulation for Competence Assessment”- Breakout Rotations, Preconference Workshop, 7th Annual Asian Pacific Medical Education Conference, National University Hospital Health System, Singapore, Singapore, Feb 5, 2010
- 365) “Using Simulation as a Tool to Integrate Knowledge, Skills and Attitudes in Healthcare Professional Education” – Preconference Workshop, 7th Annual Asian Pacific Medical Education Conference, National University Hospital Health System, Singapore, Singapore, Feb 5, 2010
- 366) “Use of Patient Simulators in Medical Education and Assessment” – Hands On Break Out Sessions; Workshop for Simulation for the Ministry of Education and Health; Jakarta, Indonesia; Feb 4, 2010
- 367) “Incorporating Simulation into Medical Education and Assessment” - plenary session; Workshop for Simulation for the Ministry of Education and Health; Jakarta, Indonesia; Feb 4, 2010
- 368) “Use of Patient Simulators in Medical Education and Assessment” – Hands On Break Out Sessions; Workshop for Simulation for the Ministry of Education and Health; Jakarta, Indonesia; Feb 3, 2010
- 369) “Incorporating Simulation into Medical Education and Assessment” - plenary session; Workshop for Simulation for the Ministry of Education and Health; Jakarta, Indonesia; Feb 3, 2010
- 370) “Use of Patient Simulators in Medical Education and Assessment” – Hands On Break Out Sessions; Workshop for Simulation for the Ministry of Education and Health; Jakarta, Indonesia; Feb 2, 2010
- 371) “Incorporating Simulation into Medical Education and Assessment” - plenary session; Workshop for Simulation for the Ministry of Education and Health; Jakarta, Indonesia; Feb 2, 2010
- 372) “Bridging the Information Gap: Creating Open Communication Between Community and Acute Care”; (Panel discussion with Dr. William Fera); 5th Annual World Healthcare Innovation and Technology Congress; Alexandria, Virginia; November 9, 2009; 2:00 pm – 2:45 pm
- 373) “Healthcare Simulation: Instructor Development Program”; (Instructor and Course Director); Miami, Florida; November 5-6, 2009.
- 374) “Designing Nursing Simulation Training Program: WISER Cases” Special lecture for the Faculty; Suncheon Cheongam University College; Suncheon, Korea October 20, 2009
- 375) “Healthcare Simulation: Instructor Development Program”; (Instructor and Course Director); National University Hospital of Singapore, Singapore Horticultural Park, Singapore, Singapore October 14-16, 2009
- 376) “Immersion Experience in Healthcare Simulation”; National University Hospital of Singapore, Nursing Skills Laboratory, Singapore October 13, 2009
- 377) “Point to Point Care: From the Battlefield Point of Injury to Definitive Care”; Simulation Workshop, World Congress on Military Medicine, Kuala Lumpur, Malaysia; October 6-7, 2009 (repeat)
- 378) “Difficult Airway Workshop”; Simulation Workshop, World Congress on Military Medicine, Kuala Lumpur, Malaysia; October 6-7, 2009 (repeat)
- 379) “Point to Point Care: From the Battlefield Point of Injury to Definitive Care”; Simulation Workshop, World Congress on Military Medicine, Kuala Lumpur, Malaysia; October 6-7, 2009
- 380) “Difficult Airway Workshop”; Simulation Workshop, World Congress on Military Medicine, Kuala Lumpur, Malaysia; October 6-7, 2009 (repeat)

- 381) "Airway Track Moderation Session"; 5th Mediterranean Emergency Medicine Congress; Valencia, Spain; September 15, 2009
- 382) "Emergency Airway Management Workshop"; 5th Mediterranean Emergency Medicine Congress; Valencia, Spain; September 14, 2009
- 383) "Overview of WISER", Special Grand Rounds Presentation, GIFU University Hospital, Gifu, Japan; July 7, 2009
- 384) "Running a Successful Multidisciplinary Simulation Center", Special Grand Rounds Presentation , GIFU University Hospital, Gifu, Japan; July 7, 2009
- 385) "Running a Successful Multidisciplinary Simulation Center", plenary session – WISER Nursing Simulation Symposium in Tokyo; Tokyo, Japan; July 5, 2009
- 386) "Scenario and Curriculum Design" Breakout Session with Aimee Smith; WISER Nursing Simulation Symposium in Tokyo; Tokyo, Japan; July 5, 2009
- 387) "Simulation and Back Injury Prevention", Plenary Session, Annual Meeting of the Japanese Society for Instructional Systems in Healthcare"; Tokyo, Japan; July 3-4, 2009
- 388) "Top ten articles in Simulation", Plenary Session with Dr Ben Berg, Annual Meeting of the Japanese Society for Instructional Systems in Healthcare"; Tokyo, Japan; July 3-4, 2009
- 389) "Instructor Calibration and Simulation", Plenary Session, Annual Meeting of the Japanese Society for Instructional Systems in Healthcare"; Tokyo, Japan; July 3-4, 2009
- 390) "Simulation Training for Competence in Difficult Airway Management"; Part of Panel on Competence; Annual Meeting of the Japanese Society for Instructional Systems in Healthcare"; Tokyo, Japan; July 3-4, 2009
- 391) "Multidisciplinary Simulation Centers and Modern Healthcare Education"; Medical Grand Rounds at the University of Illinois at Chicago; Chicago, Illinois; June 30, 2009
- 392) "Combat Field Medic Longitudinal Performance and Baseline Training Comparative Analysis – Project Update and Demonstrations" - Telemedicine and Advanced Technology Research Center, TATRC Technical Exposition, US ARMY, Fort Detrick , MD; June 17,2009
- 393) "Improving Patient Safety Using Team Training"; Laerdal Simulation User Network (SUN) Conference; Toronto, Canada; June 25, 2009
- 394) "Faculty Development" (Member of Panel Discussion); Laerdal Simulation User Network (SUN) Conference; Toronto, Canada; June 24, 2009
- 395) "Developing a Successful Simulation" (Plenary Session); Laerdal Simulation User Network (SUN) Conference; Toronto, Canada; June 24, 2009
- 396) "Getting Administrative Buy in for Simulation" ; Workshop; Co-Director with John Williams, MD; Society for Education in Anesthesia; Seattle, Washington; June 6,2009
- 397) "Standardizing Scenarios With The Use Of Pre-Programmed Scenarios And An Integrated Data Collection Log File"; National University Hospital of Singapore, Singapore, Singapore May 27,2009
- 398) "The use of Simulation in Acute Care Environments"; National University Hospital of Singapore, Singapore, Singapore; May 27,2009
- 399) "Videolaryngoscopy Workshop"; Scientific General Session, Singapore Society of Anesthesiology,

Singapore, Singapore; May 23, 2009

- 400) "Implementing Videolaryngoscopy for Patient Safety and Education"; Keynote Address; Scientific General Session, Singapore Society of Anesthesiology, Singapore, Singapore; May 23, 2009
- 401) "Debriefing Workshop" ; Korean Military Medicine Training Academy, Daejon, South Korea, May 20,2009
- 402) "Scenario Design Workshop" ; Korean Military Medicine Training Academy, Daejon, South Korea, May 20,2009
- 403) "The Top Ten Do's and Don'ts of Debriefing"- Workshop; Korean Military Nursing Academy, Daejon, South Korea, May 19,2009
- 404) "The Top Ten Do's and Don'ts of Scenario Design"- Workshop; Korean Military Nursing Academy, Daejon, South Korea, May 19,2009
- 405) "Simulation in Emergency Medicine" - Roundtable Discussion, Asian Conference on Emergency Medicine, Busan, South Korea, May 18,2009
- 406) "The Future of Simulation in Emergency Medicine" - Keynote Address Asian Conference on Emergency Medicine, Busan, South Korea, May 17,2009
- 407) Oral Presentation Chairperson - Simulation Section; Asian Conference on Emergency Medicine, Busan, South Korea, May 17,2009
- 408) Oral Presentation Chairperson - Administration and Education Section; Asian Conference on Emergency Medicine, Busan, South Korea, May 17,2009
- 409) "The Future of Simulation in Medical Education" - Plenary Keynote Address; 1st Annual Mediterranean Transplant Anesthesia Simulation Symposium (MedTass); Palermo Italy, April 15, 2009
- 410) "Introduction to Simulation" - 1st Annual Mediterranean Transplant Anesthesia Simulation Symposium (MedTass); Palermo Italy, April 15, 2009
- 411) "Hot Topics - Standardized Patients into Simulation Programs for Medical Education and Assessment" Gangwon University School of Medicine, Choonchun, South Korea April 9,2009
- 412) "Simulation Based Triage Training" - - Workshop (with Dale Vincent, MD and Ben Berg, MD) ; Asian Pacific Military Medicine Conference, Seoul, South Korea, April 8, 2009
- 413) "Airway Devices and Partial Task Trainers" - Workshop; Asian Pacific Military Medicine Conference, Seoul, South Korea, April 8, 2009
- 414) "Simulation Based Triage Training" - - Workshop (with Dale Vincent, MD and Ben Berg, MD) ; Asian Pacific Military Medicine Conference, Seoul, South Korea, April 7, 2009
- 415) "Airway Devices and Partial Task Trainers" - Workshop; Asian Pacific Military Medicine Conference, Seoul, South Korea, April 7, 2009
- 416) Difficult Airway Management for Community Emergency Physicians – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 2, 2009 , 8am - 5pm, Course Director and Faculty Member
- 417) Difficult Airway Management for Community Emergency Physicians – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, April 1, 2009 , 8am - 5pm, Course Director and Faculty Member
- 418) Difficult Airway Management for Community Emergency Physicians – SimTiki Simulation Center,

University of Hawaii, Honolulu, Hawaii, March 31, 8am - 5pm, Course Director and Faculty Member

- 419) "Lightning Rounds - Ask The Medical Director" - Panel Discussion EMS Today Conference, Baltimore, Maryland, March 2009
- 420) "Simulating Work - Incorporating Simulation into Education and Assessment of EMS Providers"; EMS Today Conference, Baltimore, Maryland, March 2009
- 421) "Instruction Design: A Strategy for Simulation Curriculum Development" (workshop with Ben Berg, M.D.) , International Meeting For Simulation Healthcare, Orlando, Florida, January 14, 2009
- 422) "Similarities? Differences? New Hurdles? Old Hurdles? -Lessons Learned From Simulation Outside Of Healthcare" - panel moderator, International Meeting For Simulation Healthcare, Orlando, Florida, January 12, 2009
- 423) "Structured and Standardized Debriefing" - preconference workshop, International Meeting For Simulation Healthcare, Orlando, Florida, January 11, 2009, 8a – noon
- 424) "Successes Of Wisner And The Future Of Simulation" plenary session, Laerdal Medical Corporation Research and Development Team, Stavanger, Norway, October 16, 2008
- 425) "Simulation Training In Emergency Medicine And Acute Care" (keynote address), 39th Congress of German Military Medicine, Hamburg Germany, October 8, 2008
- 426) Difficult Airway Workshop Faculty Member; 39th Congress of German Military Medicine, Hamburg Germany, October 10, 2008
- 427) "Integrating Simulation Into Medical Education" University of Kuala Lumpur Hospital, Kuala Lumpur, Malaysia, September 18, 2008
- 428) "Simulation Instructor Workshop - Curriculum Development", National University Hospital, Singapore, September 16, 2008
- 429) "Creating A Successful Multidisciplinary Simulation Center" (preconference workshop); Australian Society Of Simulation In Healthcare Annual Meeting, Brisbane, Australia, September 8, 2008, 8am – noon
- 430) "Leading A Multidisciplinary Simulation Center" (keynote presentation); Australian Society Of Simulation In Healthcare Annual Meeting, Brisbane, Australia, September 9, 2008
- 431) "Teaching And Testing, Developing Curriculum Using Simulation Based Methods" (keynote presentation); Australian Society Of Simulation In Healthcare Annual Meeting, Brisbane, Australia, September 10, 2008
- 432) "Simulation and Combat Medic Training" – Advanced Tactical and Combat Casualty Care Conference (US Army), St Pete Beach, Florida, August 12, 2008
- 433) "Simulation for Standardizing Prehospital and Rescue Team Response" – International Council of Motorsports Science Annual Meeting, Indianapolis, Indiana, July 30,2008
- 434) Faculty Member – Nursing Faculty Simulation Symposium; Program Instructional Systems in Healthcare - Simulation Based Education, Technology-Enabled Learning & Intervention Systems Conference; SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, June 20, 2008, 0830 - 1600
- 435) "Curriculum Development" Small Group Workshops - Program Instructional Systems in Healthcare - Simulation Based Education, Technology-Enabled Learning & Intervention Systems Conference; SimTiki Simulation Center, University of Hawaii, Honolulu. Hawaii June 19, 2008, 1:15p – 4:00p
- 436) "Assessing Competence with Simulation - How to develop measurements of performance" Program Instructional Systems in Healthcare - SimulationBased Education, Technology-Enabled Learning &

Intervention Systems Conference; SimTiki Simulation Center, University of Hawaii, Honolulu. Hawaii
June 19, 2008, 10:45 – 11:15am

- 437) “Simulation Excellence: Navigating Technology and Methods to Create a Successful Simulation” (Keynote Address) Program Instructional Systems in Healthcare - SimulationBased Education, Technology-Enabled Learning & Intervention Systems Conference; SimTiki Simulation Center, University of Hawaii, Honolulu. Hawaii June 18, 2008, 8:30 – 9:15am
- 438) “Hands on Simulator Workshop” Program Instructional Systems in Healthcare - SimulationBased Education, Technology-Enabled Learning & Intervention Systems Conference; SimTiki Simulation Center, University of Hawaii, Honolulu. Hawaii June 18, 2008, 10:15-11:45a
- 439) “Simulation “Year in Review” Program Instructional Systems in Healthcare - SimulationBased Education, Technology-Enabled Learning & Intervention Systems Conference; SimTiki Simulation Center, University of Hawaii, Honolulu. Hawaii June 18, 2008, 1-2pm
- 440) Society for Academic Emergency Medicine Consensus Conference on Simulation, (Group Expertise: Effective Teamwork and Communication, Co-Chair) Washington DC, May 28,2008
- 441) Difficult Airway Management for Community Emergency Physicians – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, May 20, 2008 , 8am - 5pm, Course Director and Faculty Member
- 442) Difficult Airway Management for Community Emergency Physicians – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, May 21, 2008 , 8am - 5pm, Course Director and Faculty Member
- 443) Difficult Airway Management for Community Emergency Physicians – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, May 23, 2008 , 8am - 5pm, Course Director and Faculty Member
- 444) “2nd Simulation Instructors Training (SimIT) Course - Creating a Effective Simulation-Based Medical Education Program”, invited guest faculty, START simulation Center, Catholic University. Seoul Korea. April 20 and 21, 2008.
- 445) “Advanced Simulation Workshop”, Program co-director and faculty member - Singapore Military Training Institute, Singapore. April 16, 2008
- 446) “Simulation Mini Symposium II: New Paradigms for Simulation- Based Education” - Session Moderator, Asian-Pacific Military Medicine Conference, Singapore, April 15, 2008
- 447) “Simulation Based Training for Airway Management by Emergency Physicians” - Asian-Pacific Military Medicine Conference, lecture – Singapore, April 15 2008
- 448) “Advanced Airway Simulation Workshop” – PMK Hospital, Bangkok Thailand - April 11, 2008
- 449) “Advanced Airway Simulation Workshop” – PMK Hospital, Bangkok Thailand - April 10, 2008
- 450) “WISER – Simulation Based Curriculum Development” – Centers of Excellence Meeting, Goldfarb School of Nursing, University of Washington, St Louis, Missouri, April 3, 2008
- 451) “Simulation Education and Assessment in EMS” EMSpire Conference, Southern Pines, North Carolina, March 20, 2008
- 452) “Role of Patient Simulator in Hospital & Medical Teaching Institutes”. Manipal Hospital, Bangalore, India. January 23, 2008
- 453) ”Scenario based Patient Simulation” – Workshop. Manipal Hospital, Bangalore, India. January 23, 2008
- 454) “Role of Patient Simulator in Hospital & Medical Teaching Institutes” – PSG Hospital, Coimbatore India. January 24, 2008

- 455) “Crisis Management and Team Training with Simulation” - visiting faculty for Essentials of Emergency Care Course. The Academy for Clinical Training (TACT) simulation Center. Chennai India. January 23, 2008
- 456) “Subglottic Airway Management” - visiting faculty for Essentials of Emergency Care Course. The Academy for Clinical Training (TACT) simulation Center. Chennai India. January 22, 2008
- 457) “Initial Airway Management” - visiting faculty for Essentials of Emergency Care Course. The Academy for Clinical Training (TACT) simulation Center. Chennai India. January 21, 2008
- 458) “Airway Management and Trauma Workshop” 1, EMRI Headquarters, Hyderabad, India. January 20, 2008
- 459) “Excellence In Simulation - The WISER Model, EMRI Headquarters, Hyderabad, India. January 20, 2008
- 460) “Excellence In Simulation - The WISER Model, Keynote Address - First anniversary of The Academy for Clinical Training (TACT) simulation Center. Chennai India. January 15, 2008
- 461) “Instructor Certification - a roundtable discussion” - International Meeting For Simulation In Healthcare, annual meeting, San Diego, California - January 15, 2008
- 462) “To Err is Human. Where Is the Best Place to Perform Practical Skills? – The Debate on Simulation” - National Association of EMS Physicians annual meeting, plenary session, Tucson, Arizona - January 11, 2008
- 463) “Simulation Training and Health System Patient Safety Efforts” –Clalit Health System Headquarters, Tel Aviv, Israel; Dec 12, 2007; 1p – 2:30p
- 464) Emergency Airway Workshop – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, November 21, 2007, 9 – 4p
- 465) Emergency Airway Workshop – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, November 20, 2007, 9 – 4p
- 466) Emergency Airway Workshop – SimTiki Simulation Center, University of Hawaii, Honolulu, Hawaii, November 19, 2007, 9 – 4p
- 467) “The WISER Model and Approach to Simulation” – Medical Educators Leadership Conference, West China Hospital and School of Medicine, Sichuan University, Chengdu, China November 8, 2007
- 468) “Anesthesiologists and Simulation” – Department of Anesthesiology Grand Rounds, West China Hospital and School of Medicine, Sichuan University, Chengdu, China November 8, 2007
- 469) “Simulation – Real World Examples” – Chung Ang University, Seoul Korea, October 28, 2007
- 470) “Running a Successful Multidisciplinary Simulation Center” – Simulation Leadership Summit, JW Marriott Hotel, Seoul, Korea October 29, 2007
- 471) “Airway Workshop” – Fundamentals of Critical Care Course – US Army 121 Hospital, Seoul, Korea October 28, 2007
- 472) “Pediatric Considerations” – Fundamentals of Critical Care Course – US Army 121 Hospital, Seoul, Korea October 28, 2007
- 473) “Dealing with the Difficult Airway ” (lecture) – Fundamentals of Critical Care Course – US Army 121 Hospital, Seoul, Korea October 28, 2007
- 474) “Critical Care Shock Simulations” – Fundamentals of Critical Care Course – US Army 121 Hospital,

Seoul, Korea October 28,2007

- 475) “Simulation Training in GME: How to Start and Run an Effective Program” Co-Presenter HcPro Audioconference, August 27, 2007
- 476) “Combat Field Medic Skills Benchmarking and Skills Retention” – Advanced Technology Applications for Combat Casualty Care Conference - St Pete Beach, Florida, August 16, 2007
- 477) “Coming Full Circle: The Integration Of Patient Simulation, Experience And Traditional Training” – Pinnacle EMS Conference, St Pete Beach, Florida, August 8, 2007
- 478) “WISER: Winter Institute for Simulation Education and Research: A model simulation center – Methods and Success” – Osaka City University, Osaka Japan, July 2,2007
- 479) “Integrating Simulation and Audience Response – Triage Program Example” – Co-Instructor, Osaka City University, Osaka Japan, July 2,2007
- 480) “Simulation Center Directors Course” – The First Japan-US Joint Symposium on Simulation-based Medical Education in Acute Medicine - Terumo Pranex Education Center, Odowara, Japan, June 29, 2007
- 481) “WISER: Winter Institute for Simulation Education and Research: A model simulation center – Methods and Success” – The First Japan-US Joint Symposium on Simulation-based Medical Education in Acute Medicine - Tokyo Dome Hotel, Tokyo Japan, June 28, 2007
- 482) “The Ethical Imperatives for Incorporating Simulation into Healthcare Education” – The First Japan-US Joint Symposium on Simulation-based Medical Education in Acute Medicine - Tokyo Dome Hotel, Tokyo Japan, June 28, 2007
- 483) “Human Patient Simulation” – Innovative Medical and Information Technologies Meeting, Nashville, Tn. May 13,2007
- 484) “Embedding Simulation into Healthcare Education and Assessment at the GME Level” – Association for Hospital Medical Education / Association of Osteopathic Directors and Medical Educators Spring Educational Institute and Annual Meeting, Marco Island, Florida May 11,2007
- 485) “Simulation Based Trauma Assessment Workshops” – Asian Pacific Military Medicine Conference, Manila, Philippines, April 18, 2007
- 486) “The Role of Medical Simulation in Military Medical Education Programs” – Asian Pacific Military Medicine Conference, Manila, Philippines, April 17, 2007
- 487) “Central Venous Cannulation Course” – University of Tokushima Hospital, Tokushima, Japan, March 14, 2007
- 488) “Difficult Airway Management – Simulation Course” – University of Tokushima Hospital, Tokushima, Japan, March 14, 2007
- 489) “Overview of Medical Simulation” – MARS-Sims, MARS Corporation Headquarters, McLean, Virginia, March 1, 2007
- 490) “Simulation and Audience Response System”, co-presenter of workshop, Anesthetic and Perioperative Complications: Management and Treatment Conference, Cancun Mexico, February 2007
- 491) “Difficult Airway Workshop”, co-coordinator of workshop, Anesthetic and Perioperative Complications: Management and Treatment Conference, Cancun Mexico, February 2007
- 492) “Building a Successful Career in Simulation”, Plenary Session Panel Discussant, International Meeting for Simulation in Healthcare, Orlando, Florida, January 2007

- 493) “Incorporating Simulation into Disaster Preparedness Training”, (Workshop Co-Faculty Presenter) International Meeting for Simulation in Healthcare, Orlando, Florida, January 2007
- 494) “Simulation in Pre-hospital Care” (Plenary Session) – Annual Meeting of the National Association of EMS Physicians; Naples, Florida, January 2007
- 495) Quoted in “Learning To Cut On Virtual Cadavers” Associated Press Story – November 22, 2006
- 496) “The Role of Simulation in Patient Safety and Quality Assurance” – (Lecture) Pre-Conference Workshop, Institute for Healthcare Improvement Annual Meeting, Atlanta, Georgia, June 11, 2006
- 497) “Role of Simulation in Patient Safety” (Conference Workshop), Coordinator and presenting faculty member of a six station workshop. Institute for Healthcare Improvement Annual Meeting, June 11, 2006 Atlanta Georgia
- 498) “Incorporating Simulation into Military Medical Education” – Workshop Co-Director and Faculty Presenter; Asian Pacific Military Medicine Conference, New Delhi, India, March 29, 2006
- 499) “Lightning Rounds – Ask the Street Medicine Docs” – Panelist, EMS Today National Meeting, Baltimore Maryland, June 2006
- 500) “Concepts of Shock” – EMS Today National Meeting, Baltimore Maryland, June 2006
- 501) “Trauma, Life and Death in the ED” - EMS Today National Meeting, Baltimore, Maryland, June 2006
- 502) “Combat Field Medic Longitudinal Performance and Baseline Training Comparative Analysis” Advanced Trauma and Casualty Care Conference – Saint Pete Beach, Florida, August 2006
- 503) “Medical Miracles – Using Simulations to Help Keep Patients Safer.” NBC Today Show - Appearance with Katie Couric and Matt Lauer — November 29, 2005
- 504) “Designing a Simulation Training Program for Pre-hospital Airway Management Guidelines”, Plenary Session - Society for Airway Management, September 17, 2005, Washington DC
- 505) “Designing a Training Program for Airway Management – Roundtable Discussion” Society for Airway Management, September 17, 2005, Washington DC
- 506) “Troubleshooting Hypoxia In-Flight – The Design of a Simulation Training Program”, Plenary Session - Society for Airway Management, September 17, 2005, Washington DC (“Add-on” Lecture to program to fill in for a last-minute speaker cancellation)
- 507) “Airway Management in the Field” Society for Airway Management, September 16, 2005, Washington DC
- 508) “Simulation Technology and Clinical Competence: Today’s Reality and Tomorrow’s Goals”, Panel Discussant, Cerner Health Conference; October 10, 2005, Orlando Florida
- 509) “Evaluation of Simulation Education” – US Army Combat Field Medic Educators Conference – San Antonio, Texas, May 11, 2005

Regional / Local

- 1) “Patient Safety, Safety Culture and the Role of Physicians”; Invited Presentation (on-line); UPMC Hamot Medical Staff Meeting; 7-8am; April 24, 2024

- 2)
- 3) “Patient Safety, Safety Culture and the Role of Physicians”; Plenary Session; UPMC Physician Leadership Retreat; Bedford Springs, Pa. 10-11am; October 21, 2023
- 4) “The Roads of Safety Culture and Patient Safety: Do They Cross?” University of Pittsburgh, School of Nursing, Department of Nurse Anesthesia” Education Forum; 1030am – noon; September 6, 2023
- 5) “Airway Management in Emergency Medicine” – Grand Rounds Plenary Lecture; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference; Pittsburgh, Pa. July 20, 2023
- 6) “Culture of Safety at UPMC”; Plenary Presentation; UPMC Reimagining the Experience (RITE Session); David Lawrence Convention Center, Pittsburgh, Pa; June 15, 2023
- 7) UPMC Professional Practice Evaluation Committee Update Briefing for QPCC; (Presentation for Quality Patient Care Committee of UPMC BoD; Feb 6, 2023
- 8) “Utilizing Simulation in Patient Safety” Keynote Plenary Address; Laerdal Simulation Users Network (SUN); WISER, Pittsburgh, Pa. Oct 13, 2022
- 9) “UPMC Professional Practice Evaluation Committee” – (Plenary Presentation); UPMC Annual Safety Retreat; Pittsburgh, Pa. Cumberland Woods Conference Center October 14, 2022
- 10) “The Roads of Safety Culture and Patient Safety: Do They Cross?” University of Pittsburgh, School of Nursing, Department of Nurse Anesthesia” Education Forum; 1030am – noon; September 6, 2022
- 11) “Airway Management in Emergency Medicine” – Grand Rounds Plenary Speech; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference; Pittsburgh, Pa. July 28, 2022
- 12) Basic Airway Management for Cardiologists – Course Director; co-faculty; WISER, Pittsburgh, PA; May 6, 2022
- 13) Quality Improvement for the Emergency Department Attending; Faculty; Emergency Medicine Management Course; WISER; Pittsburgh, Pa. April 29; 2022
- 14) Patient Safety Town Hall – Crimination of Medical Error; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa April 26, 2022
- 15) Patient Safety Town Hall – Crimination of Medical Error; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa April 20, 2022
- 16) Patient Safety Town Hall – Crimination of Medical Error; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa April 19, 2022
- 17) Patient Safety Town Hall – Crimination of Medical Error; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa April 7, 2022
- 18) Patient Safety Town Hall – Crimination of Medical Error; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa April 6, 2022
- 19) Just Culture: Facilitated Session; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa. March 15, 2022
- 20) “Negotiations: Getting Want you Want (And What You Need) – Workshop; Symposium for Physician Wellbeing UPMC; Pittsburgh, Pa. Jan 21, 2022
- 21) Just Culture: Facilitated Session; Co-Developer; Co-Faculty; Webinar; UPMC; Pittsburgh, Pa. December 7, 2021

- 22) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I; Part 2” – Co-Author; Session Facilitator; UPMC Teams Presentation, Pittsburgh, Pa; Sep 22,2021
- 23) “Value of Incident Reporting” – UPMC Chautauqua Leadership Team; Webinar; Sep 14, 2021
- 24) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I; Part 2” – Co-Author; Session Facilitator; UPMC Teams Presentation, Pittsburgh, Pa; July 29,2021
- 25) “Airway Management in Emergency Medicine” – Grand Rounds Plenary Speech; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference via Microsoft Teams; Pittsburgh, Pa. July 15, 2021
- 26) “Quality and Patient Safety as an Attending Physician” – Lecture/Interactive Discussion. University of Pittsburgh Emergency Medicine Residency” May 3, 2021
- 27) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I; Part 2” – Co-Author; Session Facilitator; UPMC Teams Presentation, Pittsburgh, Pa; November 11 2020
- 28) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I; Part 2” – Co-Author; Session Facilitator; UPMC Teams Presentation, Pittsburgh, Pa; October 20, 2020
- 29) “The Roads of Safety Culture and Patient Safety: Do They Cross?” University of Pittsburgh, School of Nursing, Department of Nurse Anesthesia” Education Forum; 1030am – noon; September 16, 2020
- 30) “Airway Management in Emergency Medicine” – Grand Rounds Plenary Speech; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference via Microsoft Teams; Pittsburgh, Pa. July 16, 2020
- 31) “Quality and Patient Safety as an Attending Physician” – Lecture/Interactive Discussion. University of Pittsburgh Emergency Medicine Residency” April 24, 2020
- 32) “Building and Maintaining a Healthy Safety Culture to Improve Patient Safety” – (Patient Safety Grand Rounds); UPMC Western Psychiatric Hospital; February 14, 2020
- 33) Safety & innovation: A Safety Culture; PUH/SHY Patient Safety Teams; Centered for Connected Medicine; Pittsburgh; November 25, 2019
- 34) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I” – Co-Author; Session Facilitator; UPMC Presbyterian Hospital, Pittsburgh, Pa; November 14, 2019
- 35) “Standardized Patients in Simulations, and Medical Education Research” Medical Education Grand Rounds; UPMC Presbyterian; University of Pittsburgh School of Medicine; October 11, 2019
- 36) “The Roads of Safety Culture and Patient Safety: Do They Cross?” University of Pittsburgh, School of Nursing, Department of Nurse Anesthesia” Education Forum; 1030am – noon; September 4, 2019
- 37) “Approach to Airway Management in Emergency Medicine” – Grand Rounds Plenary Speech; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference; Pittsburgh, Pa. July 18, 2019
- 38) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I” – Co-Author; Session Facilitator; UPMC Presbyterian Hospital, Pittsburgh, Pa; November 7, 2018
- 39) Emergency Physician Airway Management (8 hours); [Modified for Otolaryngology Residents]; Course Co-Author and Faculty; WISER, Pittsburgh, November 2, 2018

- 40) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I” – Co-Author; Session Facilitator; UPMC Presbyterian Hospital, Pittsburgh, Pa; October 3, 2018
- 41) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I” – Co-Author; Session Facilitator; UPMC Montefiore Hospital, Pittsburgh, Pa; October 2, 2018
- 42) “UPMC Patient Safety Introduction for Physicians and Advanced Practice Providers Session I” – Co-Author; Session Facilitator; UPMC Montefiore Hospital, Pittsburgh, Pa; September 28, 2018
- 43) “The Roads of Safety Culture and Patient Safety: Do They Cross?” UPMC Patient Safety Officer Retreat; Bedford Springs, September 21, 2018
- 44) “The Roads of Safety Culture and Patient Safety: Do They Cross?” University of Pittsburgh, School of Nursing, Department of Nurse Anesthesia” Education Forum; 1030am – noon; September 5, 2018
- 45) “Debriefing and Facilitation Workshop”; Education Department; UPMC Susquehanna; Williamsport, Pa. August 17, 2018
- 46) “Frontiers in Quality and Patient Safety”; Medical Staff Grand Rounds; UPMC Susquehanna; Williamsport, Pa. August 17, 2018
- 47) “Approach to Airway Management in Emergency Medicine” – Grand Rounds Plenary Speech; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference; Pittsburgh, Pa. July 12, 2018
- 48) “Wellness, Burnout and Patient Safety—Where are the Connections?” Plenary Lecture; Magee Annual Safety Symposium; Magee Women’s Hospital of UPMC; Pittsburgh, Pa March 6,2018
- 49) “The Roads of Safety Culture and Patient Safety – Do They Cross?” – Plenary Lecture; Pittsburgh Symposium for Nurse Anesthetists; Magee Women’s Hospital of UPMC; Pittsburgh, Pa; February 17, 2018
- 50) Emergency Physician Airway Management (8 hours); [Modified for Otolaryngology Residents]; Course Co-Author and Faculty; WISER, Pittsburgh, January 26, 2018
- 51) Emergency Physician Airway Management (8 hours); [Modified for Respiratory Therapists]; Course Co-Author and Faculty; WISER, Pittsburgh, October 17, 2017
- 52) Emergency Physician Airway Management (8 hours); [Modified for Respiratory Therapists]; Course Co-Author and Faculty; WISER, Pittsburgh, October 3, 2017
- 53) “Improving Simulation Instructional Methods” Course Director and Lead Faculty; WISER, Pittsburgh, Pa.; Sept 20-22, 2017
- 54) Airway Management for Hospitalists (4 hours); Course Co-Author and Faculty; WISER, Pittsburgh, July 5, 2017
- 55) “Airway Management in Emergency Medicine” – Grand Rounds Plenary Speech; University of Pittsburgh Emergency Medicine Residency Emergency Medicine Education Conference; Pittsburgh, Pa. July 13,2017
- 56) Facilitator Training Series: Introduction to Facilitation and Debriefing; (4 hours); Course Co-Author and Faculty; WISER, Pittsburgh, June12, 2017
- 57) Airway Management for Hospitalists (4 hours); Course Co-Author and Faculty; WISER, Pittsburgh, June 7, 2017
- 58) Panel - Translating Evidence into Practice: Conversations with UPMC Colleagues at UPMC; Part of the The ROI of Nursing Care Delivery - The Dr. Loren Roth Speaker Series – Panel Moderator; UPMC Shadyside

Herberman Conference Center; April 7, 2017

- 59) “The Roads of Safety Culture and Patient Safety – Do They Cross?” – Lecture; UPMC St Margaret’s Grand Rounds; Pittsburgh, Pa; January 5, 2017
- 60) Facilitator Training Series: Introduction to Facilitation and Debriefing; (4 hours); Course Co-Author and Faculty; WISER, Pittsburgh, January 3, 2017
- 61) “The Roads of Safety Culture and Patient Safety – Do They Cross?” – Lecture; UPMC Passavant Hospital Perioperative Services; Pittsburgh, Pa; November 16, 2016
- 62) “The Roads of Safety Culture and Patient Safety – Do They Cross?” – Lecture; Women’s Health Service Line Faculty Leadership Retreat; Erie, Pa; October 7, 2016
- 63) “Learn by Doing – Simulation Education for Healthcare at Pitt and Around the World” MEDEd Talk; First Annual Medical Education Day; University of Pittsburgh, Pittsburgh Pa; September 30, 2016
- 64) “Introduction to Quality Patient Safety” Lecture; University of Pittsburgh Emergency Medicine Educational Conference; Emergency Medicine Residency Program; Pittsburgh, Pa; September 29, 2016
- 65) “Delivering Patient Quality and Safety through Simulation” Lecture; UPMC International Training Center of Excellence Inaugural International Health Care Management Program; Pittsburgh, Pa; July 27, 2016
- 66) “Introduction to Airway Management” Lecture; University of Pittsburgh Emergency Medicine Education Conference, Emergency Medicine Residency Program; Pittsburgh, Pa July 14, 2016
- 67) “Safety Culture and Patient Safety – Are They Related?” Lecture; UPMC Shadyside Hospital, Pittsburgh, Pa. June 8. 2016
- 68) “Are Safety Culture and Patient Safety Related?” Lecture; Perfusion Conference, Pittsburgh Pa; April 30, 2016
- 69) “I Need Clarity” and Patient Safety Culture; Lecture; UPMC Horizon, Farrell Pa; March 25, 2016
- 70) “Culture of Safety Survey” (Data Presentation) UPMC Horizon; Farrell, Pa; March 25, 2016
- 71) “How to Debrief” (Lecture); WISER Faculty Development Training Series; Winter Institute for Simulation, Education, and Research (WISER), University of Pittsburgh, Pittsburgh, Pa. March 17, 2016
- 72) “Culture of Safety” Data presentation – UPMC Passavant Hospital, Pittsburgh, Pa; March 16, 2016
- 73) “Simulation for Learning”; Lecture; Masters in Med Education Course 2230; University of Pittsburgh, Pittsburgh Pa; March 9, 2016
- 74) “Patient Safety/Quality Improvement” Lecture; University of Pittsburgh Emergency Medicine Residency Program Grand Rounds; Pittsburgh Pa; March 3, 2016
- 75) “Patients Safety and Patient Safety Culture” Plenary Lecture; 6th Annual UPMC Shadyside Communications Conference, UPMC Shadyside Hospital Herberman Conference Center, Pittsburgh; February 16, 2016
- 76) “The Intersection of Safety, Culture, High Reliability and Simulation” Procirca Management Team Meeting; Pittsburgh, Pa. December 16, 2015
- 77) “The Current State of Simulation in Healthcare Education and Research” Keynote Speaker; University of Pittsburgh, School of Nursing Simulation Retreat; Pittsburgh, Pa; November 30, 2015
- 78) “Does a Safety Culture Have Anything to do with Patient Safety?” UPMC Hamot Medical Grand Rounds; October 15, 2015

- 79) Improving Simulation Instructional Methods – 3 Day” Course Director and Lead Faculty; October 5,6 & 7, 2015; WISER, Pittsburgh, Pa
- 80) “Airway Management for Emergency Physicians”; Grand Rounds Lecture; University of Pittsburgh Emergency Medicine Residency Program; Pittsburgh, Pa, July 9, 2015
- 81) Improving Simulation Instructional Methods – 3 Day” Course Director and Lead Faculty; April 14,15 & 16, 2015; WISER, Pittsburgh, Pa
- 82) “Simulation and Resources” – Plenary Lecture; Surgical Educators Roundtable Symposium, UPMC, Pittsburgh, Pa. 3/20/2015
- 83) “Surgical Educators Roundtable Symposium – Training Tomorrows Surgeons” (Program Co-Chair) , UPMC, Pittsburgh, Pa. 3/20/2015
- 84) “Simulation, Innovation & Medical Education Research” Guest Lecturer; Medical Educational Research Methods and Innovative Design Series; University of Pittsburgh, School of Medicine; February 13, 2015
- 85) “Difficult Airway Management (ERMI Emergency Physicians)” (Course Director and Lead Faculty); University of Pittsburgh, Emergency Medicine Residency Program, WISER, Pittsburgh, Pa, Nov 17, 2014
- 86) “Difficult Airway Management (ERMI Emergency Physicians)” (Course Director and Lead Faculty); University of Pittsburgh, Emergency Medicine Residency Program, WISER, Pittsburgh, Pa, Dec 09, 2014
- 87) “Approach to Airway Management and Rapid Sequence Intubation”; Grand Rounds Lecture; University of Pittsburgh Emergency Medicine Residency Program; Pittsburgh, Pa, July 10, 2014
- 88) Improving Simulation Instructional Methods – 3 Day” Course Director and Lead Faculty; June 18,19 &20, 2014; WISER, Pittsburgh, Pa
- 89) “Airway Management for Hospitalists” Lead Faculty and Course Director; UPMC Passavant Hospital; July 3, 2013; 8am – Noon
- 90) “Quality and Patient Safety – Mini Symposium” (Course Director and Faculty Member); University of Pittsburgh, Department of Emergency Medicine, March 4, 2014
- 91) “Difficult Airway Management (ENT Residents)” (Course Director and Lead Faculty); University of Pittsburgh, Emergency Medicine Residency Program, WISER, Pittsburgh, Pa, Nov 25, 2013
- 92) “Past, Present & Future Building the Simulation Bridge” ; (Plenary Keynote Presentation); WISER 6th Annual Nursing Symposium; Pittsburgh, Pa. June 6, 2013
- 93) “Difficult Airway Management (ENT Residents)” (Course Director and Lead Faculty); University of Pittsburgh, Emergency Medicine Residency Program, WISER, Pittsburgh, Pa, Nov 2, 2012
- 94) “Difficult Airway Management (PGY-1)” (Course Director and Lead Faculty); University of Pittsburgh, Emergency Medicine Residency Program, WISER, Pittsburgh, Pa, Sep 14 2012
- 95) “Improving Instructional Methods in Simulation (iSIM)” Course Director and Lead Instructor, WISER 5th Annual Nursing Symposium, May 21,22 & 23, 2012; Pittsburgh Airport Marriott
- 96) “Debriefing – One Size Does Not Fit All”, Workshop, Co-Director with John O’Donnell, PhD, CRNA, WISER 5th Annual Nursing Symposium, May 21,22 & 23, 2012; Pittsburgh Airport Marriott
- 97) “Just Culture: The Beginning of the UPMC Journey – A Perspective for Physicians” (Plenary Lecture); Magee Womens Hospital of UPMC 7th Annual Patient Safety Conference, March 6, 2012

- 98) "Simulation in Healthcare – A look now and a look into the future." – Ali Garib Lecture in Anesthesiology, University Hospitals, Case Medical Center, Cleveland, Ohio, June 24, 2011
- 99) "Improving Instructional Methods in Simulation (iSIM)" Course Director and Lead Instructor, Meridian Health System, Neptune, NJ, August 8, 9 and 10, 2011
- 100) Resident as Teacher Course, Faculty Member and co-creator, for University of Pittsburgh Emergency Medicine Residency, PGY 2 class, July 21, 2011
- 101) "Creating Leadership Buy In: From Concept to Return-on-Investment" (workshop with Drs. Valerie Howard and Benjamin Berg), Fourth Annual WISER Symposium on Nursing Simulation, Coraopolis, Pennsylvania, December 2, 2010
- 102) Improving Simulation Instructional Methods (iSIM); Lead Instructor; August 4,5 &6, WISER, Pittsburgh, Pa.
- 103) "Airway Management Case Studies" Plenary Presentation, Tidewater Annual EMS Education Conference, July 17, 2010; Suffolk, Virginia
- 104) "Case Studies in Airway Management" – Tidewater EMS Expo, Plenary Session, July 16, 2010; Suffolk, Virginia
- 105) "Trauma Treatment Case Studies"- Tidewater EMS Expo, Invited Lecture, July 16, 2010; Suffolk, Virginia
- 106) "The History of Simulation Use with CPR" – Keynote Lecture, 8th Annual Safar Symposium, June 2, 2010, Pittsburgh, Pa.
- 107) "Using Educational Technology: Gizmos that Surround the Simulator" (Plenary Session with Aimee Smith), Third Annual WISER Symposium on Nursing Simulation, Coraopolis, Pennsylvania, December 4, 2009.
- 108) "Creating Leadership Buy In: From Concept to Return-on-Investment" (workshop with Drs. Valerie Howard and Benjamin Berg), Third Annual WISER Symposium on Nursing Simulation, Coraopolis, Pennsylvania, December 3, 2009.
- 109) "Simulating Work: The State of Simulation in Healthcare" – UPMC Mercy Hospital Anesthesia Grand Rounds, Pittsburgh, Pennsylvania; November 4, 2009, 6:30 am- 7:15 am
- 110) "Healthcare Simulation: Instructor Development Program" (Faculty Member); Peter M. Winter Institute for Simulation, Education and Research (WISER); Pittsburgh, Pennsylvania; November 2, 3 and 4, 2009, 8 am – 5 pm
- 111) "Interactive Demonstration – How we Teach our Professionals" UPMC Discovery Day, Pittsburgh, Pennsylvania, October 23, 2009
- 112) "Boom Da" – Virginia State EMS Symposium, Norfolk, Virginia, November 14, 2009; 8:30 am – 10:00 am
- 113) "Geriatric Trauma Case Reviews" – Virginia State EMS Symposium, Norfolk, Virginia, November 13, 2009; 10:30 am – 12:00 pm
- 114) "Educators Paradise" – Virginia State EMS Symposium, Norfolk, Virginia, November 12, 2009; 1:30 pm – 5 pm
- 115) "Plenary Session IV: Ft. Sam 91 Whiskey Combat Medic Medical Simulation Training Quantitative Integration Enhancement Program" – TATRC Preconference Workshop – CERMUSA Rural Telehealth and Advanced Technologies Conference, Loretto, Pennsylvania, September 3, 2009
- 116) Difficult Airway Management Emergency Medicine Residents – Peter M. Winter Institute for Simulation,

Education and Research (WISER), September 2, 2009; 8a – 3p, Course Director and Faculty Member

- 117) “Residents as Teachers Course” – Co-Director and Creator, University of Pittsburgh Affiliated Residency in Emergency Medicine, July 30, 2009, 12 pm – 5pm
- 118) “Trauma Case Review” – University of Pittsburgh Emergency Medicine Residency, July 23, 2009
- 119) ATLS Course Faculty Member – University of Pittsburgh, Pittsburgh, Pennsylvania, June 19, 2009
- 120) “Airway Management in Trauma - Conceptually Speaking” – University of Pittsburgh Trauma Conference, March 10, 2009; 2p – 3p
- 121) "Trauma Case Reviews" - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 26 2009
- 122) "Pearls of Emergency Medicine" - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 25 2009
- 123) Simulation Session Moderator – Seventh Annual Safar Symposium, University of Pittsburgh, Pittsburgh, Pennsylvania, May 6, 2009
- 124) “Creating Change In Healthcare Systems” (keynote address) - Laerdal Medical Corporation Annual Sales And Marketing Meeting, Jacksonville, Florida, February 5, 2009
- 125) “Healthcare Simulation: Instructor Development Program” (Post conference workshop), (course co-creator and faculty member), Peter M. Winter Institute For Simulation, Education And Research (WISER) , 8a – 5p , December 6 and 7, 2008
- 126) “Metrics for Nursing Simulation Education” (workshop with John O'Donnell), Second Annual WISER Symposium on Nursing Simulation, Pittsburgh, Pennsylvania, December 4, 2008.
- 127) “Debriefing in Simulation- Using a Structured and Supported Model, Second Annual WISER Symposium on Nursing Simulation, Pittsburgh, Pennsylvania, December 4, 2008.
- 128) “Trauma, Life and Death – You Call! Case Studies in Field Trauma Care”; (co-present with Ed Racht, MD) Virginia State EMS Symposium, Norfolk, Virginia, November 15, 2008; 10:30 pm – Noon
- 129) “The Facts of Life – Prehospital Care of the OB/GYN Patient”; Virginia State EMS Symposium, Norfolk Virginia, November 14, 2008; 10:30 pm – Noon
- 130) Educators Paradise – Taking it to the next level! – Workshop on Improving Your Presentation Skills Virginia State EMS Symposium, Norfolk, Virginia, November 13, 2008; 1:30 pm – 5pm
- 131) “Innovative Competency Assessment Effective Use of Simulation Education for Physicians (Central Line Insertion Competency) and Nurses” – Highmark Blue Cross Best Practices Forum, Cranberry Township, Pennsylvania, November 5, 2008
- 132) “The Role of Simulation in Healthcare Education: The WISER Vision”, Faculty Development And Innovative Learning Strategies - National Dissemination Symposium. University of Pittsburgh School of Nursing, June 3, 2008.
- 133) Simulation Session Moderator, Sixth Annual Safar Symposium, University of Pittsburgh, May 15, 2008
- 134) “Simulation in Medicine and the University of Pittsburgh”, Office of Alumni Relations Event Mutter Museum, Philadelphia, Pennsylvania, May 7, 2008
- 135) “How Sweet is your patient? – Pre-hospital Care for the Diabetic” Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 26 2008

- 136) “The Facts of Life – Prehospital Care of the OB/GYN Patient” Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 26 2008
- 137) “What Am I Thinking – Case Studies in Head Trauma” - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 27 2008
- 138) “WISER – Simulation and Patient Safety in Medicine” University of Pittsburgh Deans Winter Academy, Naples, Florida Feb 22, 2008
- 139) “Resident Review Session” - University of Pittsburgh affiliated residency in emergency medicine. Pittsburgh, Pennsylvania, February 11, 2008
- 140) “What it Means to be a Nurse Champion” - First Annual WISER Symposium on Nursing Simulation, Cranberry Township, Pennsylvania, December 7, 2007
- 141) “If An Orange Works Use An Orange” - Designing competency assessment tools for simulation based education, workshop - First Annual WISER Nursing Symposium, Cranberry Township, Pennsylvania, December 7, 2007
- 142) Concepts in Shock; Virginia State EMS Symposium, Norfolk, Virginia, November 2007
- 143) Maxillofacial Trauma Case Studies; (Co-Present with Ed Racht, MD) Virginia State EMS Symposium, Norfolk, Virginia, November 2007
- 144) Unconscious Patients Don’t Tell Tales - Cases Studies in Traumatic Head Injury; Virginia State EMS Symposium, Norfolk, Virginia, November 2007
- 145) Trauma Life in the ER - Case Studies from of a Level 1 Center; Virginia State EMS Symposium, Norfolk, Virginia, November 2007
- 146) Educators Paradise – Taking it to the next level! – Workshop on Improving Your Presentation Skills Virginia State EMS Symposium, Norfolk, Virginia, November 2007; 1pm – 5pm
- 147) “The Future of Simulation in Pittsburgh” – Council of Clinical Chairs - University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, July 30,2007
- 148) “Incorporating Simulation into Medical Education and Assessment” – Medical Education Grand Rounds, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, July 20,2007
- 149) “Trauma – Life and Death in The ED” – Pennsylvania Emergency Nurses Association Annual Meeting, Sheraton Station Square, Pittsburgh, Pennsylvania, June 7, 2007
- 150) Advanced Prehospital Airway Management Instructor Course – Lead Instructor, WISER, Pittsburgh, Pennsylvania, 3p – 7p, August 27, 2007
- 151) Advanced Prehospital Airway Management Instructor Course – Lead Instructor, WISER, Pittsburgh, Pennsylvania, 3p – 7p, August 06, 2007
- 152) Advanced Prehospital Airway Management Instructor Course – Lead Instructor, WISER, Pittsburgh, Pennsylvania, 3p – 7p, July 26, 2007
- 153) Advanced Prehospital Airway Management Providers Course – Medical Director, WISER, Pittsburgh, Pennsylvania, 3p – 11 pm, July 19, 2007
- 154) Advanced Prehospital Airway Management Providers Course – Medical Director, WISER, Pittsburgh, Pennsylvania, 7a – 3 pm, July 06, 2007

- 155) Advanced Prehospital Airway Management Instructor Course – Lead Instructor, WISER, Pittsburgh, Pennsylvania, 3p – 7p, June 21, 2007
- 156) Advanced Prehospital Airway Management Instructor Course – Lead Instructor, WISER, Pittsburgh, Pennsylvania, 3p – 7p, June 20, 2007
- 157) “EMS Doc Lightning Rounds” (Panel Discussion) - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 27 2007
- 158) “What Am I Thinking – Case Studies in Head Trauma” - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 28 2007
- 159) “Secrets of EMS” - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 28 2007
- 160) “What Am I Thinking – Case Studies in Head Trauma” - Continuing Concepts in Pre-hospital Emergency Medicine Conference, Suffolk, Virginia, April 28 2007
- 161) Difficult Airway Management for Community Emergency Physicians – Peter M. Winter Institute for Simulation, Education and Research (WISER) March 2, 2007; 8am – 5pm, Course Director and Faculty Member
- 162) “Communicating Over the Phone” – Specialty Care Clerkship (MS3), University of Pittsburgh School of Medicine, February 26, 2007
- 163) Difficult Airway Management for Community Emergency Physicians –Peter M. Winter Institute for Simulation, Education and Research (WISER) January 26, 2007 8am - 5pm, Course Director and Faculty Member
- 164) “Simulation in Medical Education” (Lecture and Coordinator), University of Pittsburgh Medical Educators Symposium - Peter M. Winter Institute for Simulation, Education and Research (WISER) January 24, 2007 5:30pm – 8:30pm
- 165) “STEPS: Selected Topics to Educate for Patient Safety” – Innovation Calls Forum Web Cast; UPMC Centers for Quality Improvement and Innovation, Pittsburgh, Pennsylvania, December 19, 2006
- 166) Difficult Airway Management for Community Emergency Physicians –Peter M. Winter Institute for Simulation, Education and Research (WISER) December 20, 2006 8am - 5pm, Course Director and Faculty Member
- 167) Difficult Airway Management for Community Emergency Physicians –Peter M. Winter Institute for Simulation, Education and Research (WISER) November 30, 2006 8am - 5pm, Course Director and Faculty Member
- 168) “Pearls of EMS” Virginia State EMS Symposium, Norfolk, Virginia, November 11, 2006; 1:30pm – 3pm
- 169) “Edutainment Done Right – Improving Your Presentations” Virginia State EMS Symposium, Norfolk, Virginia, November 11, 2006, 1:30pm – 3pm
- 170) “Edutainment Done Right – Improving Your Presentations” Virginia State EMS Symposium, Norfolk, Virginia, November 10, 2006, 8:30am – 10am
- 171) “Advanced Airway Workshop” (Co-Faculty Presenter) Virginia State EMS Symposium, Norfolk, Virginia, November 10, 2006, 1:30pm – 3pm
- 172) “Advanced Techniques of Programming the SimMan” (Workshop, Co-Presenter) – Virginia State EMS Symposium, Norfolk, Virginia, November 7, 2006, 1pm – 5pm

- 173) “Basic Techniques of Programming the SimMan” (Workshop, Co-Presenter) – Virginia State EMS Symposium, Norfolk, Virginia, November 7, 2006, 9am – 12pm
- 174) “Implementing Successful Simulation Programs” (Lecture) – Virginia State EMS Symposium, Norfolk, Virginia, November 7, 2006, 8am – 9am
- 175) “Emergency Medicine Simulation Opportunities in Pittsburgh” (Grand Rounds Lecture); Emergency Medicine Residency, Eastern Virginia Medical School, November 9, 2006
- 176) “Pelvic Radiographs in Trauma Patients” (Grand Rounds Lecture); Emergency Medicine Residency, Eastern Virginia Medical School, November 9, 2006
- 177) “Communicating Over the Phone” – Specialty Care Clerkship (MS3), University of Pittsburgh School of Medicine, October 30, 2006
- 178) “Role of Simulation in Patient Safety” (Keynote Lecture for workshop) – Disruptive Innovations Conference, UPMC Centers for Quality Improvement and Innovation, Cranberry Township, Pennsylvania, September 29, 2006
- 179) “Simulation in Patient Safety and Quality Assurance Efforts ” (5 station Workshop) – Co-Coordinator and Faculty Member, “Disruptive Innovations Conference”, UPMC Centers for Quality Improvement and Innovation, Cranberry Township, Pennsylvania, September 29, 2006
- 180) “Role of Simulation in Patient Safety” (Keynote Lecture for workshop) – “Disruptive Innovations Conference”, UPMC Centers for Quality Improvement and Innovation, Cranberry Township, Pennsylvania, September 29, 2006
- 181) “WISER Role in System Patient Safety and STEPS: Selected Topics to Educate for Patient Safety” – Quality Patient Care Committee of the UPMC Board of Directors, Pittsburgh, PA, September 28, 2006
- 182) ATLS Testing - ATLS Course Faculty Member – University of Pittsburgh, September 15, 2006
- 183) Cervical Spine Injury Radiographs (Skills Station) - ATLS Course Faculty Member – University of Pittsburgh, September 15, 2006
- 184) Spine and Spinal Cord Trauma – (Lecture) - ATLS Course Faculty Member – University of Pittsburgh, September 15, 2006
- 185) Difficult Airway Management Course (PGY I, Emergency Medicine Residents) – Peter M. Winter Institute for Simulation, Education and Research (WISER), Course Director and Faculty Member September 13, 2006, 8am – 4pm
- 186) Difficult Airway Management Course (PGY I, Emergency Medicine Residents) – Peter M. Winter Institute for Simulation, Education and Research (WISER), Course Director and Faculty Member September 12, 2006, 8am – 4pm
- 187) “Opportunities for Bio-Engineering Students in Medical Simulation” Peter M. Winter Institute for Simulation, Education and Research (WISER) September 8, 2006, 10 am – 12 pm
- 188) “Simulation Programs and Resident Opportunities in Emergency Medicine” University of Pittsburgh Emergency Medicine Residency Anniversary Symposium, Pittsburgh, Pennsylvania, September 7, 2006
- 189) Difficult Airway Refresher Course (PGY III, Emergency Medicine Residents) – Peter M. Winter Institute for Simulation, Education and Research (WISER) August 30, 2006, 1pm – 5pm
- 190) Difficult Airway Refresher Course (PGY III, Emergency Medicine Residents) – Peter M. Winter Institute for Simulation, Education and Research (WISER) August 31, 2006, 1pm – 5pm

- 191) “WISER Successes – Central Venous Cannulation and Patient Safety” – University of Pittsburgh Physicians, Council of Clinical Chairs July 31, 2006
- 192) “Airway and Ventilation” - ATLS Course Faculty Member – University of Pittsburgh, July 13, 2006
- 193) “Communicating Over the Phone” – Specialty Care Clerkship (MS3), University of Pittsburgh School of Medicine, 11am - 12 pm, July 10, 2006
- 194) Safar Symposium – Co-Coordinator and Moderator of Simulation Sessions, University of Pittsburgh School of Medicine, June 28, 2006
- 195) “Communicating Over the Phone” – Specialty Care Clerkship (MS3), University of Pittsburgh School of Medicine, 12pm – 1pm, June 23, 2006
- 196) “Successful Components and Strategy needed for Simulation in Emergency Medicine” – MIAMI Group Simulation Consortium Meeting – Gordon Center for Medical Research and Education, University of Miami, Miami, Florida, June 6, 2006
- 197) “Trauma, Life and Death in the ED” - Continuing Concepts in Pre-hospital Emergency Medicine, Suffolk, Virginia, May 2006
- 198) “Concepts of Shock” – Continuing Concepts in Pre-hospital Emergency Medicine, Suffolk, Virginia, May 2006
- 199) “Lightning Rounds – Medical Directors Panel Discussion” – Continuing Concepts in Pre-hospital Emergency Medicine, Suffolk, Virginia, May 2006
- 200) Difficult Airway Refresher Course (PGY III, Emergency Medicine Residents) – Peter M. Winter Institute for Simulation, Education and Research (WISER) May 9, 2006, 1pm – 5pm
- 201) Difficult Airway Refresher Course (PGY III, Emergency Medicine Residents) – Peter M. Winter Institute for Simulation, Education and Research (WISER) May 9, 2006, 1pm – 5pm
- 202) Master of Ceremonies – Fayette EMS Annual Gala; Nemaocolin Woodlands Resort, May 5, 2006
- 203) “Shock and Fluid Resuscitation” Center for Emergency Medicine Paramedic Class Pittsburgh, Pennsylvania, April 4, 2006
- 204) “Pearls of EMS” – Regional EMS Conference, Binghamton, New York, April 1, 2006
- 205) “Trauma – Life and Death in the ED” - Regional EMS Conference, Binghamton, New York, April 1, 2006
- 206) “Emergency Medicine Simulation” – Grand Rounds, Department of Anesthesia – University of Pittsburgh; March 2, 2006, 5pm - 6pm
- 207) “Keynote Address” – Millville Rescue Squad Annual Awards Recognition Program, February 11, 2006
- 208) Airway Workshop – University of Pittsburgh Emergency Medicine Interest Group, Co-Coordinator and presenting faculty; February 27, 2006, 5pm – 8pm
- 209) “Residents as Teachers Course” – Co-Director and Faculty, University of Pittsburgh Affiliated Residency in Emergency Medicine; February 10, 2006, 1pm – 7pm
- 210) Simulated Neurology Case Series – PGY II – University of Pittsburgh Affiliated Residency in Emergency Medicine February 9, 2006, 1pm – 4pm

- 211) “What do I do now that I have to Touch Em?” – Patient Assessment for BLS, The Tools and The Talents Conference, Pittsburgh, Pennsylvania, February 3, 2006
- 212) “The Use of Simulation in Teaching and Testing” – International Trauma Life Support (ITLS) Board of Directors Meeting, Tucson, Arizona, January 2006
- 213) “Programming a Human Patient Simulator” – Peter M. Winter Institute for Simulation, Education and Research (WISER) December 16, 2005, 8am – 12pm, Course Faculty Member
- 214) “Designing and Operating a Simulation Center” – Peter M. Winter Institute for Simulation, Education and Research (WISER) December 15, 2005, 11:30am - 2pm, Course Faculty Member
- 215) Difficult Airway Management for Community Emergency Physicians – (for the INOVA Health System) Peter M. Winter Institute for Simulation, Education and Research (WISER) December 14, 2005, 8am - 5pm, Course Director and Faculty Member
- 216) “Aortic Dissection – Trauma Case Review” Front and Center II Conference, Uniontown, Pennsylvania, December 9, 2005
- 217) Difficult Airway Management for Community Emergency Physicians – (for the INOVA Health System) Peter M. Winter Institute for Simulation, Education and Research (WISER) December 06, 2005, 8am - 5pm, Course Director and Faculty Member
- 218) Difficult Airway Management for Community Emergency Physicians – (for the INOVA Health System) Peter M. Winter Institute for Simulation, Education and Research (WISER) October 19, 2005, 8am - 5pm, Course Director and Faculty Member
- 219) “Basic Airway Management for Hospitalists Simulation Course) – (for the INOVA Health System) Peter M. Winter Institute for Simulation, Education and Research (WISER) October 19, 2005 1pm- 5pm
- 220) “Central Venous Cannulation for Hospitalists” – (for the INOVA Health System) Peter M. Winter Institute for Simulation, Education and Research (WISER) October 19, 2005, 1pm - 5pm
- 221) “Trauma Life in the ER -” – Case Studies in Trauma Care Commonwealth of Virginia 26th Annual EMS Symposium Norfolk, Virginia, November 2005
- 222) "What can you do with a “SimMan ?” - Commonwealth of Virginia 26th Annual EMS Symposium Norfolk, Virginia, November 2005
- 223) "What can you do with a “SimMan?” (repeat) - Commonwealth of Virginia 26th Annual EMS Symposium Norfolk, Virginia, November 2005
- 224) “Diabetic Jeopardy” – Review of the prehospital care of the Diabetic Patient - Commonwealth of Virginia 26th Annual EMS Symposium Norfolk, VA, November 2005
- 225) “Tell it Like It Is!” – How to give an effective pre-hospital patient care report - Commonwealth of Virginia 26th Annual EMS Symposium Norfolk, Virginia, November 2005
- 226) “Pre-hospital Airway Literature Review” Commonwealth of Virginia 26th Annual EMS Symposium Norfolk, Virginia, November 2005
- 227) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGYI, Course Director – Peter M. Winter Institute for Simulation, Education and Research September 14, 2005
- 228) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGYI, Course Director – Peter M. Winter Institute for Simulation, Education and Research , September 12, 2005

- 229) “Chest Pain Cases – Simulation” Intern Core Lecture Series University of Pittsburgh Affiliated Residency in Emergency Medicine; Peter M. Winter Institute for Simulation, Education and Research; 8 am – 12 pm, September 2, 2005
- 230) “Residents as Teachers Course” – Co-Director and Creator, University of Pittsburgh Affiliated Residency in Emergency Medicine, August 26, 2005, 8am – 2pm
- 231) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY II, Course Director – Peter M. Winter Institute for Simulation, Education and Research August 24, 2005
- 232) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY II, Course Director – Peter M. Winter Institute for Simulation, Education and Research August 23, 2005
- 233) “Topics in Airway Management” – Simulation Course for Japanese Medical Students as part of the University of Pittsburgh Japanese Exchange Program; Peter M. Winter Institute for Simulation, Education and Research, 1pm – 4pm, August 9, 2005
- 234) “Topics in Cardiology” – Simulation Course for Japanese Medical Students as part of the University of Pittsburgh Japanese Exchange Program; Peter M. Winter Institute for Simulation, Education and Research, 9am – 12pm, August 9, 2005
- 235) “Concept in Shock” Plenary Talk, Southwestern Arizona Trauma Conference August 5, 2005, Tucson, Arizona
- 236) “Trauma Life in the ER” Plenary Talk, Southwestern Arizona Trauma Conference August 5, 2005, Tucson, Arizona
- 237) “Crossing Disciplines with Simulation” – Simulation Educators Meeting; University of Pittsburgh School of Nursing July 22, 2005
- 238) “Building Simulation Programs” – Panelist; Simulation Educators Meeting; University of Pittsburgh School of Nursing July 22, 2005
- 239) “Simulation Based Emergency Medicine Difficult Airway Management Training” – Invited Presenter, 3rd Annual Safar Symposium, Safar Center for Resuscitation Research, University of Pittsburgh, Pittsburgh, Pennsylvania, June 23, 2005
- 240) “From Poppies to Hormones!” - Continuing Concepts in Pre-Hospital Emergency - Medicine Suffolk, Virginia, May 14, 2005
- 241) “Tales from the Dark Side – Case Reviews of Airway Management” – The Primary Survey, Continuing Concepts in Pre-Hospital Emergency - Medicine Suffolk, Virginia, May 15, 2005
- 242) “Trauma Life in the ER” – The Primary Survey, Continuing Concepts in Pre-Hospital Emergency - Medicine Suffolk, Virginia, May 15, 2005
- 243) “The Future of EMS” – Panel Discussion, Continuing Concepts in Pre-Hospital Emergency Medicine - Suffolk, Virginia, May 13, 2005
- 244) “Incorporating Simulation Technology in Competency Assessment and Training of Flight Crews” Critical Care Medicine and Transport Conference April 25, 2005, Long Beach, California
- 245) “How You Can Help To Prevent Errors. Mini Case Series Of Actual Errors And Near Misses” Grand Rounds Presentation – Department of Emergency Medicine, University of Pittsburgh April 21, 2005
- 246) “Facts of Life” OB/GYN Review for Prehospital – EMSI Update Regional Conference Seven Springs

Conference Center Champion, Pennsylvania, April 2, 2005

- 247) “Edutainment Done Right!!!!!!” How to present a great lecture. - EMSI Update Regional Conference Seven Springs Conference Center Champion, Pennsylvania, April 2, 2005
- 248) “Fast Facts” A review for the Emergency Medicine In-training Exam Emergency Medicine Resident Lecture/Review Session - Pittsburgh, Pennsylvania, February 21, 2005
- 249) “Tell it Like it Is!!!!!!” – Prehospital Patient Care Reports – Tools and the Talent Conference, Centre City Marriott Conference Center, Pittsburgh, Pennsylvania, February 4, 2005
- 250) “Thoracic Dissection” Case Conference, Grand Rounds Presentation – Department of Emergency Medicine, University of Pittsburgh October 7, 2004
- 251) “Trauma in Pregnancy” – BTLs Lecture, Fayette EMS November 20, 2004
- 252) “Trauma in the Elderly” – BTLs Lecture, Fayette EMS November 20, 2004
- 253) “Thoracic Trauma” – BTLs Lecture, Fayette EMS November 20, 2004
- 254) “Tales from the Dark Side” – Case Studies in Difficult Airways Commonwealth of Virginia 25th Annual EMS Symposium Norfolk, Virginia, November 2004
- 255) "From Poppies to Hormones!" - The Prehospital Drug Box Commonwealth of Virginia 25th Annual EMS Symposium Norfolk, Virginia, November 2004
- 256) “Heart in Jeopardy” – Games show review of the Cardiovascular System for ALS Providers, Commonwealth of Virginia 25th Annual EMS Symposium Norfolk, Virginia, November 2004
- 257) “Pre-hospital Airway Literature Review” Commonwealth of Virginia 25th Annual EMS Symposium Norfolk, Virginia, November 2004
- 258) “Concept in Shock: 2004” Commonwealth of Virginia 25th Annual EMS Symposium Norfolk, Virginia, November 2004
- 259) “Edutainment Done Right!!!!!!” How to present a great lecture - Commonwealth of Virginia 25th Annual EMS Symposium Norfolk, Virginia, November 2004
- 260) “Basic and Advanced SimMan Programming Techniques” Course Faculty, Peter M. Winter Institute for Simulation, Education and Research July 15 & 16, 2004
- 261) “Designing and Operating a Simulation Center” Course Faculty, Peter M. Winter Institute for Simulation, Education and Research July 14, 2004
- 262) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Faculty Physicians, Course Director – Peter M. Winter Institute for Simulation, Education and Research June 16, 2004
- 263) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Faculty Physicians, Course Director – Peter M. Winter Institute for Simulation, Education and Research June 10, 2004
- 264) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Faculty Physicians, Course Director – Peter M. Winter Institute for Simulation, Education and Research June 2, 2004
- 265) “Emergency Medicine Difficult Airway Management Course – Overview and Preliminary Report” Society of Academic Emergency Medicine – Simulation Interest Group Orlando, Fl. May 17, 2004

- 266) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGYI, Course Director – Peter M. Winter Institute for Simulation, Education and Research May 12, 2004
- 267) Pre-hospital Pharmacology Review – Fayette EMS 6pm - 9pm May 11, 2004
- 268) Shock and Fluid Resuscitation (part of BTLIS) – Fayette EMS 9am-10am May 11, 2004
- 269) Keynote Speaker – Easter Shore EMS Council Annual Awards Banquet, May 1, 2004, Exmore, Virginia
- 270) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY II, Course Director – Peter M. Winter Institute for Simulation, Education and Research May 5, 2004
- 271) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY II, Course Director – Peter M. Winter Institute for Simulation, Education and Research May 3, 2004
- 272) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY III, Course Director – Peter M. Winter Institute for Simulation, Education and Research April 28, 2004
- 273) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY III, Course Director – Peter M. Winter Institute for Simulation, Education and Research April 26, 2004
- 274) Facilitators Training Course for Emergency Medicine Difficult Airway Management” Peter M. Winter Institute for Simulation, Education and Research April 12, 2004
- 275) “Sweet Talk” – Game show review of Diabetes for the EMS Provider, Fayette EMS April 12, 2004
- 276) “Heart in Jeopardy” – Games show review of the Cardiovascular System for ALS Providers, EMS Update 2004, Seven Springs Conference Center, Champion, Pennsylvania, March 25, 2004
- 277) “Trauma Life in the ER” – The Primary Survey, EMS Update 2004, Seven Springs Conference Center, Champion, Pennsylvania, March 25, 2004
- 278) “Tales from the Dark Side” – Case Studies in Difficult Airways, EMS Update 2004, Seven Springs Conference Center, Champion, Pennsylvania, March 25, 2004
- 279) Neurology Case Review – Fayette EMS 1pm - 4pm, February 10, 2004
- 280) “Concept in Shock: 2004” Tool and the talent conference Station Square Pittsburgh, Pennsylvania, February 6, 2004
- 281) “Potpourri” – Residency Review Session University of Pittsburgh Emergency Medicine Residency February 2, 2004
- 282) “Issues in Rural EMS Medical Direction”, General Session Presentation, National Association of EMS Physicians Annual Meeting, Tucson, Arizona, January 2004
- 283) “Suturing and Splinting Workshop” – Ambulatory Care Clerkship for 3rd Year Medical Students January 5, 2004
- 284) “Medical & Trauma Simulations for Annual Skills Review” – Fayette EMS 9am – 7pm, December 19, 2003
- 285) “Eyes, Ears, Nose and Throat” – Residency Review Session University of Pittsburgh Emergency Medicine

Residency November 25, 2003

- 286) “Cardiology” – Residency Review Session University of Pittsburgh Emergency Medicine Residency November 25, 2003
- 287) “Introduction to Musculoskeletal Radiography” – Ambulatory Care Clerkship for 3rd Year Medical Students November 24, 2003
- 288) “Shock and Fluid Resuscitation” Center for Emergency Medicine Paramedic Class Pittsburgh, Pennsylvania, November 18, 2003
- 289) “Trauma – Life in the ER Part II” Commonwealth of Virginia 24th Annual EMS Symposium Norfolk, Virginia, November 2003
- 290) “Tales from the Dark Side – Case Studies in Difficult Airways”, Commonwealth of Virginia 24th Annual EMS Symposium Norfolk, Virginia, November 2003
- 291) “Zapped – Implanted Defibrillators and Pacemakers in the Field””, Commonwealth of Virginia 24th Annual EMS Symposium Norfolk, Virginia, November 2003
- 292) “Primary Survey in Trauma” Center for Emergency Medicine Paramedic Class Pittsburgh, Pennsylvania, November 15, 2003
- 293) “Imaging the Cervical Spine in Trauma - The Trauma Series Part I” – Emergency Medicine Residency – Eastern Virginia Medical School, Norfolk, Virginia, November 6, 2003
- 294) “Shock and Fluid Resuscitation” Center for Emergency Medicine Paramedic Class Pittsburgh, Pennsylvania, October 27, 2003
- 295) “Medical & Trauma Simulations for Annual Skills Review” – Fayette EMS 9am – 5pm, October 22, 2003
- 296) “Cardiopulmonary Assessment in Infants and Children” (PALS) – Fayette 8am – 9am, EMS October 22, 2003
- 297) “Chest Radiographs in the Emergency Department” UPMC Shady Side Medical Grand Rounds October 22, 2003
- 298) “The Trauma Series Part I – Imaging The Cervical Spine in Trauma – Childrens Hospital of Pittsburgh, Division of Emergency Medicine October 22, 2003
- 299) “Trauma – Life in the ER – The Primary Survey ” Concept in Trauma Conference Owego, New York, October 3, 2003
- 300) “Suturing and Splinting Workshop” – Ambulatory Care Clerkship for 3rd Year Medical Students October 6, 2003
- 301) “Basics of Emergency Department Documentation and Coding – University of Pittsburgh Emergency Medicine Residency Lecture August 7, 2003
- 302) “Introduction to Musculoskeletal Radiography” – Ambulatory Care Clerkship for 3rd Year Medical Students July 21, 2003
- 303) “Emergency Medicine Difficult Airway Management” for Emergency Medicine Residents, PGY III, Course Director – Peter M. Winter Institute for Simulation, Education and Research June 10, 2003
- 304) “Facts of Life” OB/GYN Review for Pre-hospital – Foxwall EMS June 3, 2003

- 305) “The Trauma Series Part III – Imaging of the Pelvis in Trauma” Grand Rounds - University of Pittsburgh Department of Emergency Medicine May 22, 2003
- 306) “The Trauma Update – The Primary Survey” Tools and the Talent conference Station Square Pittsburgh, Pennsylvania, February 7, 2003
- 307) “The Trauma Series Part II – Imaging of the Chest in Trauma” Grand Rounds - University of Pittsburgh Department of Emergency Medicine January 23, 2003
- 308) “Trauma Life in the ER – The Primary Survey” Commonwealth of Virginia, 23rd Annual EMS Symposium Norfolk, Virginia, November 2002
- 309) “Facts of Life” OB/GYN Review for Pre-hospital – Commonwealth of Virginia, 23rd Annual EMS Symposium Norfolk, Virginia, November 2002
- 310) “Who’s got Rhythm and Who Needs it Changed? – The pharmacology of Antiarrhythmics” – Commonwealth of Virginia, 23rd Annual EMS Symposium Norfolk, Virginia, November 2002
- 311) “Intro to Toxicology” - Small Group Facilitator Ambulatory Inpatient Medicine Clerkship University of Pittsburgh School of Medicine September 30, 2002
- 312) “The Trauma Series Part I – The Cervical Spine Grand Rounds - University of Pittsburgh Department of Emergency Medicine August 29, 2002
- 313) “Interesting Cases of Documentation” Case Conference, University of Pittsburgh Emergency Medicine Residency August 29, 2002
- 314) “Hyponatremia and Seizure in an Infant” EMS Case Conference – Grand Rounds August 8, 2002 (Facilitator)
- 315) “Suturing and Splinting Workshop” – 3rd Year Medical Students EM Selective August 8, 2002
- 316) “Suturing and Splinting Workshop” – 3rd Year Medical Students EM Selective July 9, 2002
- 317) “ACLS Course for Interns” Center for Emergency Medicine EM June 25, 2002 Airway/Ventilation Station
- 318) “Thoracic Trauma” and ATLS Class Faculty for June 13th and 14th 2002
- 319) “Objective Structured Clinical Exam” (OSCE) CAMC Course June 14, 2002, 8am – 12pm
- 320) “Suturing and Splinting Workshop” – 3rd Year Medical Students EM Selective May 16, 2002
- 321) “Respiratory Review” - Fayette EMS: February 19, 2002, 1pm - 4pm
- 322) “Respiratory Review” - Fayette EMS: February 18, 2002 1pm - 4pm
- 323) “Facts of Life” OB/GYN Review for Pre-hospital – “Tools and the Talent Conference” February 1, 2002 – Station Square – Pittsburgh, Pennsylvania
- 324) “TCA, MAO’s and Lithium” – Emergency Medicine Core Content – Residency Lecture Center for Emergency Medicine January 31, 2002
- 325) “Interesting Cases of Documentation” – A look at documentation and billing in Emergency Medicine – Emergency Medicine Residency Lecture - Center for Emergency Medicine, Pittsburgh, Pennsylvania,

January 31, 2002

- 326) “Fast Facts” A review for the Emergency Medicine In-training Exam Emergency Medicine Resident Lecture/Review Session - Pittsburgh, Pennsylvania, January 28, 2002
- 327) “The Value of Diagnostic Information” Community and Ambulatory Clerkship 3rd Year Medical Students University of Pittsburgh Scaife Hall November 19, 2001
- 328) “Splinting and Suturing Workshop” Community and Ambulatory Medicine Clerkship 3rd Year Medical Students University of Pittsburgh Medical Center November 12, 2001
- 329) “The Value of Diagnostic Information” Community and Ambulatory Clerkship 3rd Year Medical Students University of Pittsburgh Scaife Hall; May 21, 2001
- 330) “Approach to Jaundice in the Emergency Department” Emergency Medicine Residents Conference, University of Pittsburgh Medical Center April 2001
- 331) “Splinting and Suturing Workshop” Community and Ambulatory Medicine Clerkship 3rd Year Medical Students University of Pittsburgh Medical Center January 2001
- 332) “Physiology of Shock” Center for Emergency Medicine Paramedic Course November 19, 2001
- 333) “Interesting Cases of Documentation” University of Pittsburgh Affiliated Residency in Emergency Medicine November 16, 2001
- 334) “Sweet Talk - A review for the Pre-hospital care of the Diabetic Patient” , 22nd Annual EMS Symposium Norfolk, Virginia, November 2001
- 335) “Minding My Own Business - A Review of Thoracic Trauma” Commonwealth of Virginia, 22nd Annual EMS Symposium Norfolk, Virginia, November 2001
- 336) “Hidden Joules – A look at Pacemakers and Implantable Defibrillators” Commonwealth of Virginia, 22nd Annual EMS Symposium Norfolk, Virginia, November 2001
- 337) “Facts of Life” OB/GYN Review for Pre-hospital – New Kensington, Pennsylvania Area EMS Conference November 2, 2001
- 338) “Bradycardia/Tachycardia” Advanced Cardiac Life Support 3rd Year Medical Students University of Pittsburgh Center for Emergency Medicine December 1, 2001
- 339) “How Sweet is your patient? – Pre-hospital Care for the diabetic” Commonwealth of Virginia, 2nd Annual EMS Symposium Norfolk, Virginia, November 2000
- 340) “Boom Da, Boom Da, Boom Da Goes the Heart – Cardiology review for Advanced Life Support Providers” Commonwealth of Virginia, 2nd annual EMS Symposium Norfolk, Virginia, November 2000
- 341) “Is that Fluttering in your chest or are ya just glad to see me – Chest Pain for BLS Providers” Commonwealth of Virginia, 2nd Annual EMS Symposium Norfolk, Virginia, November 2000
- 342) “Tick Borne Illnesses” University of Pittsburgh Affiliated Residency in Emergency Medicine July 2, 1999
- 343) “Who Knows what the Nose Blows? – Sinusitis” University of Pittsburgh Affiliated Residency in Emergency Medicine April 8, 1999
- 344) “Thoracic Trauma” EMS Update 2000, March 1999, Seven Spring Conference Center, Pennsylvania
- 345) “Do we really need to add Viagra to the Drug Box? – A Review of Pre-hospital Pharmacology” - Commonwealth of Virginia, 20th Annual EMS Symposium Norfolk, Virginia, November 1999

- 346) “Airway and Ventilation – Another Look” Commonwealth of Virginia, 20th Annual EMS Symposium Norfolk, Virginia, November 1999
- 347) “How Sweet is your Patient? - Prehospital Care for Diabetic” Emergency Medical Services EMS Update 99, May 1999, Seven Spring Conference Center, Pennsylvania
- 348) “When Animals Attack” Emergency Medical Services EMS Update 99, May 1999 Seven Spring Conference Center, Pennsylvania
- 349) “Myocardial Contusions vs. Myocardial Confusions” Trauma Conference, University of Pittsburgh Medical Center November 1997
- 350) "Cadaver Lab" Commonwealth of Virginia, 17th Annual EMS Symposium Norfolk, Virginia, November 1996
- 351) "The War Within - A Look at the Human Immune System" Commonwealth of Virginia, 15th Annual EMS Symposium Norfolk, Virginia, November 1994
- 352) "Cadaver Lab" Commonwealth of Virginia, 15th Annual EMS Symposium Norfolk, Virginia, November 1994
- 353) "The Future of Computers in EMS" Commonwealth of Virginia, 12th Annual EMS Symposium Williamsburg, Virginia, November 1991
- 354) “Intraosseous Infusion Workshop” Virginia Beach Annual EMS Cardiac Symposium Virginia Beach, VA, May 1990

Research Support

- Skills Determination, Decay and Delay Study (SD3); Department of Defense Collaborative; Medical Technology Enterprise Consortium; Research Project Number: MTEC-21-06-MPAI-072 Active Nov 2022 – 2024; \$4.4 Million
- Ft Sam 68 Whiskey Combat Medic Medical Simulation Training Quantitative Integration Enhancement Program US Govt Contract # W81XWH-05-2-0049; \$1.6 Million – Active through December 2010

SERVICE

National Organization, Committee Work, and Appointments

- 1) Pittsburgh Regional Healthcare Initiatives; Board of Directors; January 2024 – present
- 2) Governance Advisory Committee, (Committee Chairperson); Society for Simulation in Healthcare, January 2019 - present
- 3) Founding Advisor, Honorary Board Member, Pan-Asian Society for Simulation in Healthcare, Singapore (Headquarters); 2015 – present

- 4) Executive Committee, Board of Directors, Society for Simulation in Healthcare, January 1, 2015 - 2016
- 5) Immediate Past President, Society for Simulation in Healthcare, January 1, 2014 – December 31, 2014
- 6) President, Society for Simulation in Healthcare, January 1, 2013 – December 31, 2013
- 7) President Elect, Society for Simulation in Healthcare, January 1, 2012 – December 31, 2012
- 8) International Meeting for Simulation in Healthcare, Meeting Co-Chair, 2011 Annual Meeting, New Orleans, La.; January 2011
- 9) Board of Directors, Executive Committee, Society of Simulation in Healthcare, December 2010
- 10) External Examiner, Con-Joined Board Examination for Emergency Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia, November 2010
- 11) International Meeting for Simulation in Healthcare, Program Committee, Pre Conference Workshop co-chair for 2010 Meeting, Phoenix, Arizona
- 12) 1st Annual Mediterranean Transplant Anesthesia Simulation Symposium (MedTass); Palermo Italy, April 15, 2009, Meeting Co-Chairman
- 13) International Meeting for Simulation in Healthcare, Program Committee, Pre-Conference Workshop co-chair for 2009 Meeting, Orlando, Florida
- 14) Simulation in National Paramedic Skill Examination Working Group, National Registry of Emergency Medical Technicians, Columbus Ohio, August 2008
- 15) Expert Faculty Advisory Group, Consensus Conference on Simulation, Society for Academic Emergency Medicine, May 2008
- 16) Medical Director, JEMS Games – EMS Today Conference – Baltimore, Maryland, March 28, 2008
- 17) International Meeting for Simulation in Healthcare, Program Committee, Workshop co-chair for 2008
- 18) International Meeting for Simulation in Healthcare, Program Committee for 2007
- 19) National Association of EMS Physicians, Program Chair, January 2007 Annual Meeting, Naples, Florida
- 20) Member Miami International Alliance for Medical-Education Innovation, (M.I.A.M.I. group), Gordon Center for Research in Medical Education, University of Miami, Miami, Florida, Participating Consortium Member, June 2006 - Present
- 21) National Association of EMS Physicians, Program Chair, January 2006 Annual Meeting, Tucson, Arizona
- 22) National Association of EMS Physicians, Board of Directors, 2005 – 2007
- 23) National Registry of Emergency Medical Technicians, Test Item Conversion Committee May 2005 - 2008
- 24) Program Committee – National Association of EMS Physicians Annual Meeting – Naples, Florida, January 2005
- 25) Medical Director, Fayette Emergency Medical Services, Fayette County, Pennsylvania, August 2001 - October 2007

UNIVERSITY OF PITTSBURGH and UPMC

- 1) “Lightning Injuries” – Guest Speaker, Night Talk with Ann Devlin, PCNC TV, Pittsburgh, Pennsylvania, June 23, 2004
- 2) Cerner Conference Room Pilot for Rapid Design Session, William Penn Hotel, Pittsburgh, Pennsylvania, January 24, 2002
- 3) Cerner Rapid Design Session 2, William Penn Hotel, Pittsburgh, Pennsylvania, September 2001
- 4) Invited Participant, 14th Annual University Pittsburgh Medical School Curriculum Colloquium May 2006
- 5) Invited Participant, 12th Annual University Pittsburgh Medical School Curriculum Colloquium May 2004
- 6) Invited Participant, 11th Annual University Pittsburgh Medical School Curriculum Colloquium May 2003
- 7) Invited Participant, 10th Annual University Pittsburgh Medical School Curriculum Colloquium May 2002
- 8) Invited Participant, 9th Annual University Pittsburgh Medical School Curriculum Colloquium May 2001

ADMINISTRATIVE / DEPARTMENTAL / SYSTEM

- 1) UPMC Presbyterian Hospital Credentials Committee March 2023 – Present
- 2) UPMC Presbyterian Hospital, By-Laws Committee March 2023 – Present
- 3) On-Site Safety Evaluation (Team Lead) UPMC Harrisburg Hospital; September 18,19 & 20, 2023
- 4) Co-Director, Developer, Professional Practice Evaluation Committee of UPMC; January 2020 - present
- 5) Joint Commission International Mock Survey, Physician Surveyor, Xiangya International Medical Center, Xiangya Hospital; Changsha, China; May 21,22 & 23, 2019
- 6) Member, UPMC Health System, Corporate & Captive Insurance Program, Executive Advisory Committee; 2015 – present
- 7) Member, UPMC Purchasing Value Analysis Team Executive Steering Team, 2014 – present
- 8) Vice Chair, Quality and Patient Safety, Department of Emergency Medicine, University of Pittsburgh and UPMC, October 2010 – Present
- 9) Scientific and Planning Committee, Anesthetic and Perioperative Complications: Management and Treatment Conference, Cancun Mexico, February 2007
- 10) Principle Organizer, University of Pittsburgh, Department of Emergency Medicine Faculty Retreat May 04, 2007
- 11) Executive Steering Committee, Department of Anesthesiology, University of Pittsburgh – January 2006 – 2015
- 12) Quality Patient Care Committee of the University of Pittsburgh Board of Directors, January 2006 – Present
- 13) Principle Organizer, University of Pittsburgh, Department of Emergency Medicine Faculty Retreat April 15, 2005
- 14) Central Line Credentialing Task Force, University of Pittsburgh Medical Center 2004 - Present

- 15) Co-Authored/Designed Peer Review Evaluation Process for Academic Emergency Physicians – Department of Emergency Medicine, University of Pittsburgh
- 16) Co-Author – “Orienting to the Emergency Department” – On-line comprehensive orientation program for physicians rotating through the UPMC Emergency Department
- 17) Developed Dictation Template Guidelines for Department of Emergency Medicine
- 18) Co-developer of Web Site - UPMC Presbyterian Emergency Department On Line Resource Site
- 19) Co-Author and Programmer for Peer Review Evaluation Tool for the Faculty in the Department of Emergency Medicine 2004

EMERGENCY MEDICINE RESIDENCY RELATED

- 1) Weekly Review Question in core topics for Emergency Medicine November 2003 – February 2004

COMMUNITY

- 1) Chief, Davis Corner Volunteer Rescue Squad Virginia Beach, Virginia
Active member September 1984 - July 1991 (Chief 1990-1991)
- 2) Emergency Medical Technician, Millville Rescue Squad May 1981 - 1990