

## William T. McGee, MD, MHA

Department of Medicine  
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### Education

M.H.A., Clark University, Worcester, MA	1997
M.D., New York Medical College, Valhalla, NY	1983
B.A., Physics and Chemistry, Dartmouth College, Hanover, NH	1979

### Postdoctoral Training

Critical Care Fellowship, St. Louis University/St. John's Mercy Medical Center, St. Louis, MO	1986-1988
Internal Medicine Residency, Baystate Medical Center, Springfield, MA	1983-1986

### Academic Appointments

Professor, Department of Medicine, University of Massachusetts Medical School-Baystate, Springfield, MA	2019-present
Professor, Department of Surgery, University of Massachusetts Medical School-Baystate, Springfield, MA	2019-present
Professor, Department of Anesthesiology, University of Massachusetts Medical School-Baystate, Springfield, MA	2019-present
Adjunct Professor, Department of Medicine, Tufts University School of Medicine, Boston, MA	2019-present
Associate Professor Department of Surgery, Tufts University School of Medicine, Boston, MA	2010-2019
Associate Professor Department of Medicine, Tufts University School of Medicine, Boston, MA	2007-2019
Assistant Professor Department of Surgery, Tufts University School of Medicine, Boston, MA	1994-2010
Assistant Professor Department of Medicine, Tufts University School of Medicine, Boston, MA	1990-2007

### Certifications by ABIM

American Board of Internal Medicine, Neuro Critical Care Medicine	2021
American Board of Internal Medicine, Hospice and Palliative Medicine	2012
American Board of Internal Medicine (ABIM), Critical Care	1989, 1996, 2009, 2019
American Board of Internal Medicine (ABIM)	1986

### Major Leadership Positions

Member, Board of Trustee, Baystate Health Systems, Springfield, MA	2015-2017
President, Medical Staff Baystate Medical Center, Springfield, MA	2015-2017
Chairman, Medical Staff Executive Committee, Baystate Medical Center, Springfield, MA	2014-2016
Vice President, Medical Staff Baystate Medical Center, Springfield, MA	2013-2015
Interim Chair, Department of Medicine, Baystate Mary Lane Hospital, Ware, MA	2011-2014

### Other Positions and Employment

Intensivist Baystate Medical Center, Springfield, MA	1990-present
Hospitalist/Intensivist, Christian Hospitals, St Louis, MO	1986-1990
House Doctor, VA Health Center, Northampton, MA	1984-1986

### Honors and Awards

Best Doctors in America® 2019 - 2020 List	2019-2020
Society of Critical Care Medicine Annual Congress 2 <sup>nd</sup> Place Case Report Snapshot Abstract Award, San Antonio, TX	2018
Fellow Neurocritical Care Society	2018
Fellow, Society of Critical Care Medicine	2017
Presidential Citation for extraordinary contributions of time, energy and resources to the Society of Critical Care Medicine	2016, 2014
United States Critical Care Best Doctors	2009-2016
President's Quality Award for CAUTI charter group Baystate Medical Center	2015
Finalist for the 2013 Baystate Medical Center Excellence in Teaching Award	2013
Beacon Awards for Critical Care Excellence, American Association of Critical Care Nurses Director, Performance Improvement	2004-2009
Excellence in ICU Organ Donation Program, Baystate Medical Center from the U.S. Department of Health and Human Services: ICU Performance Improvement Chair	2009
NEGEA Preclinical Innovation Award for: Simulation as an educational modality for multidisciplinary training experience in critical care medicine, Educational Retreat in Burlington, VT: McGee WT, Mailloux P, Fernandez G	2008
Vanguard Award, Edwards LifeSciences. The honor recognizes a clinician who has served the clinical community through exceptional commitment to advancing critical care. The individual demonstrates the commitment to leadership and collaboration in the critical care community, serving at the forefront of efforts to advance patient care.	2007
Massachusetts ACP Chapter Meeting, Second Prize Award Poster Presentation "Systemic Capillary Leak Syndrome – Clarkson's Disease with Archan Shah, MD	2006
Certificate of Appreciation for Outstanding Involvement, Leadership and Implementation of the Clinical Information System Sponsored by Baystate Medical Center	2005
Excellence in Teaching in Surgery Clerkship Tufts University School of Medicine	2004
The Academic Excellence Allocation award for accomplishments in the area of academic productivity, Baystate Medical Center	2000-2004

Excellence in Teaching in the Surgery Clerkship, Tufts University School of Medicine	2003
Excellence in Teaching Award presented by the Third Year Class in Surgery, Tufts University School of Medicine	1994-2001
Society of Critical Care Medicine Internal Medicine Specialty Award for "Influence of Insurance Status on Pulmonary Artery Catheter Use" Presented and won award	2000
Society of Critical Care Medicine, Presidential Citation Award for outstanding contribution to the society	1999
Emergency Medicine House Staff – Teacher of the Year Sponsored by Baystate Department of Emergency Medicine	1999
Excellence in Teaching Award, Tufts University School of Medicine Awarded by graduating class	1999
Mini Sabbatical Awarded, Cost Effective Technology Utilization. Clark University Graduate School of Management. Masters of Health Administration Thesis	1997
Emergency Medicine House staff Finalist for Teacher of the Year Sponsored by Baystate Department of Emergency Medicine	1997
Finalist, Cecile Lehman Mayer Research Award, Annual Scientific Assembly American College of Chest Physicians for "Effects of Manipulating O2 transport on Septic Shock Mortality" presented and won Award for Young Investigators	1993
Surgical House staff Teaching Award in Recognition and Appreciation for Excellence in Teaching. Sponsored by Baystate Department of Surgery	1993
Fellow, American College of Chest Physicians	1992

**Educational Activities**

**Educational Leadership, Administration, and Service**

Program Director Fundamentals of Critical Care Support Course, Developed first course in New England: Baystate Medical Center, Springfield, MA	2002-2008
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**Teaching Activities in Programs and Courses, UMMS-Baystate (formerly Tufts University School of Medicine/Baystate)**

Simulation Lab Training of Critical Care Medicine multidisciplinary critical care medicine: 4–10 Fellows; 6–12 residents; 1–4 students; 2 RNs; and 1 Respiratory Therapist: Role: lead instructor, developing, running, and debriefing on critical care cases 12 – 24 times/ year	2005-2020
Fellows and Residents and Students in ICU: Multiple Formal and Ad hoc Seminars and Case Conferences on all ICU topics: upto10 fellows 12 residents 2 students Ethics, Toxicology, Shock, Functional hemodynamics, Nutrition, Hypoxia	1990-2020
M&M, Case Conference, Chart Stimulated recall, Journal Club, Critical Care Rounds, Ethics Role; Teacher to 8 fellows 12 times a years	2009-present

Renal Fellows; the Volume Prescription in the Critically Ill Patient with Renal Failure Role; Teacher to 6 fellows 1 times a year Renal Fellowship Educational Series	2009-2021
Tufts fourth year students on intensive care unit rotation lectures – clinical cases Role; Teacher to 2-5 students 12 times a year	1990-2016
Department of Anesthesiology Residents lecture on Physiologic Optimization Program in the operating room Role; Teacher to 24 residents Annually	2008-2015
Developed multidisciplinary Simulation Lab Training of Critical Care Medicine students, residents, nurses and respiratory therapists; Baystate Medical Center, Springfield, MA	2005-2011
Advanced Trauma Life Support; shock lecture, moulage and examinations Role; Teacher to 30-50 MD's Annually	1992-2011
Medical Resident Summer Series lectures on shock and essentials of Critical Care Role; Teacher to 100 MD's & Residents Annually Medical Grand Rounds – Shock Diagnosis & Treatment	1990-2007
Surgical Resident Clinical Lectures on fluids and electrolytes, acid base, shock, nutrition and mechanical ventilation Role; Teacher to 25 Residents 4 times a year	1990-2007
Tufts third Year Student Lectures; post-operative problems, fluid and electrolytes, acid-base, nutrition Role; Teacher to 10 students 4 times a year	1990-2007
Physician's Assistants students from Springfield College; basic care of the surgical patient; the critically ill surgical patient. Acid base, Nutrition, Fluid and Electrolytes Role; Teacher to 6 students 4 times a year	1990-2005
Surgical Resident formal and mock oral examinations Role; Teacher to 6 Residents Annually	1991-2001
Ethics in the ICU, monthly Role; Teacher to 6 fellows/residents 12 times a year	2010-2019
Classics Review lecture to critical care fellowship, Renal and metabolic problems in the ICU Role; Teacher to 8 fellows annually	2010-2019
Classics Review lecture to critical care fellowship, Toxicology in the ICU Role; Teacher to 8 fellows annually	2010-2019
Monthly core curriculum lectures to critical care fellowship, Hypertensive Emergencies Role; Teacher to 8 fellows 4 times a year	2010-2019
Monthly core curriculum lectures to critical care fellowship, insertion of arterial, central venous & pulmonary artery balloon flotation catheters plus interpreting waveforms Role; Teacher to 8 fellows 4 times a year	2010-2019
Monthly core curriculum lectures to critical care fellowship, Detection & Prevention of Iatrogenic & Nosocomial Problems in Critical Care Medicine Role; Teacher to 8 fellows/residents Annually	2010-2019
Monthly ICU conferences; Functional Hemodynamics Applications for patient care Role; Teacher to 8-12 fellows/residents 4 times a year	1990-2019
Prognosis Palooza for Medical Residents, Tuesday Academic Half-Day for Residents Role; Teacher to 60 residents/students Annually	2016-2019

Shock and Hemodynamic Monitoring, Tuesday Academic Half-Day for Residents Role; Teacher to 60 residents/students annually	2016-2019
Monthly ICU conferences, Introduction to Critical Care, Vascular Access, Nutrition, ICU Safety and Protocols Role; Teacher to 12 residents/students 12 times a year	1990-2012
Quarterly Medical and Surgical Student lectures; nutrition, fluid and electrolyte balance, critically surgical patients, acid-base Role; Teacher to 12 students 4 times a year	1990-2008
Quarterly Physicians' Assistants lectures; fluid and electrolyte balance, critically ill surgical patient and basic mechanical ventilation Role; Teacher to 6 students 4 times a year	1990-2005
Intensivist/Hospitalist, Christian Hospital NE-NW, St. Louis, MO	1987-1990

### Clinical Education, UMMS-Baystate (formerly TUSM/Baystate)

Critical Care Physician, daily teaching rounds 40 weeks per year, 1 Medical Student, 6-10 Residents, 1-2 Fellows	1990-2025
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### Research Education

UMASS epidemiology/statistics graduate students Amherst; Quenica Chen, Jared Young, Tyler Loggins, Omer Usanmaz, PhD students Use of life sustaining therapies in the United States. Tracheostomy and percutaneous gastrostomy. Ref #10 Role; Study design, implementation	2014-2017
UMASS graduate students Amherst, MA ; Angela Connor, Samy Sidholm High Cost ICU outliers. See Abstract #59 Ref #30 Role; Research Mentor Epidemiology, implementation	1997-1998

### External Education and Development

#### National

ABIM Blueprint review Critical Care Medicine	2025
15th Annual Neurocritical Care Society, Co-director of all workshops; Planning Committee and Workshop Subcommittee: WaiKoloa Hawaii 2017 Role; Co-director responsible for workshop topics , assessing needs, choosing directors, developed and approved curriculum and post course evaluation.	2017
14 <sup>th</sup> Annual Neurocritical Care Society, Co-director of all workshops; Planning Committee and Workshop Subcommittee: Meetings and national Harbor Virginia 2016 Role; Co-director responsible for workshop topics , assessing needs, choosing directors, developed and approved curriculum and post course evaluation.	2016
13th Annual Neurocritical Care Society, Planning Committee and Workshop Subcommittee, Workshop Director, Scottsdale, AZ	2015
Role; Developed workshops & curriculum, choose instructors, responsible for workshop topics , assessing needs, choosing directors, developed and approved curriculum and post course evaluation <ul style="list-style-type: none"> <li>● Critical Care Ultrasound</li> <li>● EEG</li> <li>● Essential Skills for Running a Neuro ICU</li> <li>● Intracranial Monitoring</li> <li>● Neurocritical Care Pharmacotherapy</li> </ul>	

<ul style="list-style-type: none"> <li>• Transcranial Doppler</li> <li>• Ventilation Management &amp; Bronchoscopy</li> <li>• Advanced Hemodynamics</li> <li>• Advanced Practice Providers</li> <li>• Applied Neuromonitoring</li> <li>• Critical Care Ultrasound</li> <li>• Prognostication, Communication and Shared Decision Making: Palliative Care ICU</li> </ul>	
12th Annual Neurocritical Care Society, Faculty and Workshop Director, Hemodynamic Evaluation and Treatment of the Neurologically Injured; Seattle, WA	2014
11th Annual, Neurocritical Care Society Faculty and Workshop Director advanced hemodynamics, Philadelphia, PA	2013
10th Annual Neurocritical Care Society Faculty Non-Invasive Ventilation workshop, Denver, CO	2012
Created, directed and organized: "Not Just for Intensivists: State of the Art Approaches to Critical Care" Three-day course for critical care and emergency medicine physicians, hospitalists and their support professionals on topics relating to caring for the critically ill, Newport, RI: sponsor; Division of Critical Care Medicine Baystate Health	2009

<b>Regional/Local</b>	
Initiated curriculum for incorporation of simulation into training of ICU resident, anesthesiology, emergency medicine, internal medicine, obstetrics and gynecology, medicine-pediatrics, critical care fellows, nursing and respiratory therapy, UMMS-Baystate (formerly Tufts University School of Medicine/Baystate), Springfield, MA; Role; developed syllabus, modules and instructional materials	2005-2023
Fundamentals of Critical Care Support Course, Regional and Evaluator for New England Course Director, Speaker Life Threatening Infections, Basic Hemodynamic Monitoring, Neurologic Support, Diagnosis and Management of Shock, Ethics and Palliative Care, Initiated use of simulation in hands on workshops/moulage several sites in MA Role; Teacher to 45 MD/RN/RT 1-2 times a year	2001-2020
Advanced Trauma Life Support American College of Surgeons Instructor: Shock and Moulage Practical Examination	1991-2009
Fluids and electrolytes, Acid base, Critically ill surgical patients, Nutrition. Medical Surgical Residents, Physician Assistants, and Medical Students Role; developed syllabus, modules and instructional materials	1990-2017

### **Advising and Mentoring Students**

Dartmouth Partners in Community Service; Dartmouth Center for Social Impact Role; Health Career Advising: undergraduate students Stephanie Rivera	2018
Gil Assi	2019

Angela Connor, Graduate Student, University of Massachusetts, Amherst, MA Role; Career Advising & Research Mentorship	2005
Samy Sidholm, Graduate Student, University of Massachusetts, Amherst, MA Role; Career Advising & Research Mentorship	1992-1994
<b>Residents UMass Chan-Baystate (formerly TUSM/Baystate)</b>	
Leena Rahmat, MD, John Hopkins Medicine, Department of Oncology Role: Career advising	2013-2019
William Jaffee, MD, Department of Medicine, Resident Role; Career Advising and Research Mentorship. See Peer-Review Publication 4	2015-2018
Adam Adler, MD, Department of Anesthesiology, Resident Children's Hospital, Houston, TX Role; Career Advising and Research Mentorship. See Peer-Review Publication 13,16,22, Abstracts 1,14,15, and 16	2011-2016
Patrick Mailloux, DO, Maine Medical Center, Director of Neuro Intensive Care, Director, Critical Care Fellowship, Baystate Medical Center, Springfield, MA Role; Career Advising and Research Mentorship See Peer-Review Publication 12,21,24,25,29, International Abstracts 7, National Abstracts 8,30,31,34,35,36,39,40,44,45	1999-2018
Richard Martin, MD, Department of Surgery; The Hand Center of Western Massachusetts, Springfield, MA. Role; Career Advising and Research Mentorship See Peer-Review 25, National Abstracts 56	1997-2002
Kevin Moriarty, MD, Department of Surgery, Resident, Vice Chair and Chief Baystate Pediatrics Surgery, Springfield, MA. Role; Career Advising and Research Mentorship See Reference for Peer-Reviewed Publications 42,67	1992-1997

Quyen Chu, MD, Department of Surgery, Chief Surgical Oncology LSU Health Sciences Center Feist-Weiller Cancer Center, LA Role; Career Advising	1994-1996
Barbara Ackerman, MD, Department of Surgery, Resident, Glenn Family Medical Group, Willows, CA Role; Career Advising and Research Mentorship See Peer Reviewed-Publications 4, 19, 20	1990-1995

**Postdoctoral Trainees UMass Chan-Baystate (formerly TUSM/Baystate)**

Asad Kahn, MD Critical Care Medicine, Fellow, Mentor	2019-2022
Quazi Uddin, MD Critical Care Medicine, Fellow Role; Career Advising, Mentor	2018-2020
Tara Humphrey, DO, Critical Care Medicine, Fellow Role; Career Advising, Mentor	2017-2019
Mitchell Onwochei-Ashei, MD, Critical Care Medicine, Fellow Role; Research Mentorship See Peer Review Publications 2, National Abstracts 3	2017-2019

Lindita Shehu, MD, Critical Care Medicine, Fellow Intensivist Pulmonary Associates of Fredericksburg, Mary Washington Hosp. VA Role; Career Advising; Mentor	2016-2018
Rachel Madrid, MD, Critical Care Medicine, Fellow Intensivist, Sierra View Medical Center, Porterville, CA Role; Research Career Mentorship See Peer-Reviewed Publications 3	2015-2017
Patrick Eckert, MD, Critical Care Medicine, Fellow Intensivist, Christiana Hospital, Newark, DE Role; Research Career Mentorship See National Abstract 7	2014-2016
Abhinav Gupta, MD, Critical Care Medicine, Fellow Pulmonary Fellowship, Palmetto Health Richard Hospital, South Carolina Role; Research Career Mentorship See Peer-Reviewed Publications 12, National Abstract 8,9	2013-2015
Ramakant Sharma, MD, Critical Care Medicine, Fellow Intensivist, DHMG East Valley, Chandler, AZ Role; Research Career Mentorship See Peer-Reviewed Publications 13, International Abstract 1, National Abstract 8,11, 12	2012-2014
Meera Sareen, MD, Critical Care Medicine, Fellow Intensivist, Allegheny Clinic, Pittsburgh, PA Role; Research and Career Mentorship See National Abstract 19,20	2011-2013
Bogdan Tiru, MD, Critical Care Medicine, Fellow Intensivist, Baystate Medical Center, Springfield, MA Role; Research and Career Mentorship See Peer-Reviewed Publication 12, National Abstract 25	2010-2012
Karthik Raghunathan, MD, MBBS, MPH, Associate Professor of Anesthesiology, Department of Anesthesiology/Critical Care, Fellow Duke Health, Durham, NC Role; Research and Career Mentorship See Peer Reviewed Publication 11,15,16,18,19,22, National Abstract 14,15,16,17,29	2006-2015

**Faculty (if research mentor list titles of projects)**

Abigail Orenstein, MD, Pulmonary & Critical Care Intensivist Medical Director ICU Performance Improvement Role; Research Mentorship & Career Advising See Peer Review 12	2012-2025
Bogdan Tiru, MD, Pulmonary & Critical Care, Intensivist Co-Director, Medical ICU Role; Career Advising, Mentor	2012-2025
Geoffrey Sheinfeld, MD CVICU MGH -2016 Role; Career Advising	1991-2021

**Investigation****Completed Grants**

Project: Nursing Expectations about Rounds: RN/MD Collaboration. Lusardi P, Brown G, Ryan G, Killian C, Talbot M, Pesaturo A, Shea K, Henneman B, Ginepro E, Trench P, Nash K, McGee WT: The ICU RN-MD Collaboration Project. Sponsor: BMC Risk Management Grant Budget: \$30,000 Sub-Investigator: William T. McGee, MD No Salary Support	2009-2010
Project: Assessing Volume Responsiveness Through the Use of Challenges, BH-09-171; Investigator-Initiated Sponsor: Baystate Medical Center Critical Care Budget: 0 Principal Investigator: William T. McGee, MD No Salary Support	2009-2010
Project: Community Hospital Acceleration, Revitalization, and Transformation (CHART) Grant. Sponsor: Franklin Medical Center Intensive Care Unit. Initiation of TeleMedicine Program for critical care. Budget: \$50,000 Sub-Investigator: William T. McGee, MD 5% Salary Support	2008
Project: Tufts Innovation in Education Simulation and Critical Care Medicine – Helping Students “Get It”. Sponsor: Tufts University School of Medicine Budget: \$13,000 Principal Investigator: William T. McGee, MD No Salary Support	2008
Project: Hemodynamic Assessment Comparison between Arterial Pressure Cardiac Output Monitor and Crit Line Utilized During Renal Replacement Therapy; Investigator-Initiated: Sponsor: Baystate Medical Center Critical Care Budget: \$10,000 Principal Investigator: William T. McGee, MD No Salary Support	2007
Project: Zephyr in the Treatment of Subjects with Nosocomial Pneumonia Proven to be due to Methicillin-Resistant Staphylococcus Aureus. Number one enrolling site worldwide Sponsor: Pifzer Budget: \$800,000 Site Investigator: William T. McGee, MD No Salary Support	2005
Project: Measurements of Cardiac Output in Post-Operative Surgical Patients: The APCO FloTrac™ system versus Thermodilution Pulmonary Artery Catheter system. Sponsor: Edwards Lifesciences, LLC Budget: \$25,000 Principal Investigator: William T. McGee, MD No Salary Support	2004

Project: A phase III study to demonstrate the safety and efficacy of recombinant platelet activating factor acetylhydrolase (rPAF-AH) for reducing 28 day all-cause mortality in patients with severe sepsis. Sponsor: ICOS Corporation Budget: \$450,000 Site Investigator: William T. McGee, MD Number one enrolling site in North America. No Salary Support	1998-2002
Project: A Phase 2b study to evaluate the safety and efficacy of recombinant platelet activating factor acetylhydrolase (rPAF-AH) for the prevention of acute respiratory distress syndrome (ARDS) in patients with severe sepsis or severe traumatic injuries. Sponsor: ICOS Corporation Budget: \$150,000 Site Investigator: William T. McGee, MD No Salary Support	1996-1997

**Health Care Delivery  
Leadership Positions**

Hospital Medicine Program Director, Mary Lane Hospital, Ware, MA	2011-2012
Acting Director, Surgical Intensive Care Unit, Baystate Medical Center, Springfield, MA	1995-1998

**Certification and Licensure**

Massachusetts State License (active)	1984-present
American Board of Internal Medicine, Neuro Critical Care Medicine	2021-present
American Board of Internal Medicine, Hospice and Palliative Medicine	2012-present
American Board of Internal Medicine (ABIM), Critical Care	1989-present
American Board of Internal Medicine (ABIM)	1986
Missouri State License (inactive)	1986

**Clinical Discipline**

Critical Care: I have worked full-time in the intensive care unit since 1986, responsible for the care of a wide variety of medical and surgical patients with critical illness and injury	1986-2025
Hospice and Palliative Medicine: Medical Director Overlook Hospice, Charlton MA Medical Director CareCentral Hospice, Webster MA	2021-2025 2025-

**Clinical Innovations, Safety, and Quality Improvement Projects**

**Baystate Medical Center, Springfield MA**

Sepsis Improvement, Performance Improvement Team, Baystate Health	2014-2018
Ventilator Associated Pneumonia working group through ICU improvement committees to diagnose and decrease VAP	1999-2010
Blood Conservation project through QI team to use more intelligent approach to order blood products to limit their use to appropriate indications and decreased exposure to patients to blood.	1995-2002
Led project with QI Team to Implement bedside daily goal sheets to be used by care team, night coverage, bedside nurse, consultants, and family to outline patient goals for the day	1998-2000

Protocol established and QI project completed to appropriately use the various neuromuscular blockers with bedside EMG monitoring.	1994-1997
Protocolized automatic administration of insulin, K <sup>+</sup> , Mg <sup>+</sup> , Ca and PO <sub>4</sub> for ICU patients. Implemented therapist driven weaning protocol for ICU.	1994-1997
Established and implemented guidelines for TPN ordering. Other than standard formulation, all TPN orders are processed through the Nutrition Support Committee. Standardized process for the pharmacy and nutrition support service.	1990-1995

**Clinical Guidelines and Protocols**

**International/National**

I have developed multiple hemodynamic algorithms for the care of critically ill patients and brain dead organ donors in both the operating room and in the intensive care unit

Physiologic Optimization Program Using SVV, SV and SI. Published in peer review literature. Ref: 6,13,15,18,24,26,32,33	2005-2013
Physiologic Optimization Program in the Operating Room. Published in peer review literature. Ref: 13,18,24,32,33	2005-2013
The Volume Prescription. Published in peer review literature no sponsoring organization Ref: 18	2013
Targeted resuscitation and De-resuscitation. Published in peer review literature. Ref: 6,15,18	2012
Physiologic Optimization Program Utilizing SVV, SI and ScVO <sub>2</sub> . Published in peer review literature. Ref: 13,15,18	2005
Organ Donor Management Algorithm using Physiologic Optimization Program. Bergstrom D, de la Cruz JS, Sally M, Louis S, Friedman M, Petersen F, Malinosku D. The Use of Stroke Volume Variation to Guide Donor Management is Associated with Increased Organs Transplanted per Donor. Program Transplant. 2017 Jun;27(2):200-206	2007
American Academy of Hospice & Palliative Care Policy Committee, position statements writing committee. Two four-year terms	2018-2022 2012-2016
Society of Critical Care Medicine and American Society of Hospital pharmacists Neuromuscular Blockade (NMBA) Guidelines Review, Writing Committee. International guidelines published 2002 & 2016.	2008-2015 1997-2000

**Scholarship**

**Peer-reviewed publications**

1. Khan A, McGee WT. Safe Positioning of Central Venous Catheters. Journal of Intensive Care Medicine. March 2022. doi:10.1177/08850666221085486
2. Arshad Kudrolli, Brian Chang, Jade Consalvi, Anton Deti, Christopher Frechette, Helen Scoville, Geoffrey R. Sheinfeld, **William T. McGee**. Assessment & mitigation of O2 therapy driven spread of COVID-19. MedRxiv Feb 2021 doi: <https://doi.org/10.1101/2021.02.06.21251266>
3. Ravikumar, N., Sheinfeld, G.R., McGee, W.T. . Hemodynamic Perspectives in Anemia. In: Artis, A.S., editor. Blood – Updates on Hemodynamics and on Thalassemia [Internet]. London: IntechOpen; 2021 [cited 2022 Jul 13]. Available from: <https://www.intechopen.com/chapters/78485> doi:10.5772/intechopen99725
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5. Mitigating exhalation puffs during oxygen therapy for respiratory disease Arshad Kudrolli, Brian Chang, Jade Consalvi, Anton Deti, Christopher Frechette, Helen Scoville, Geoffrey R. Sheinfeld, and **William T. McGee**. *Physics of Fluids* 33, 081903 (2021); <https://doi.org/10.1063/5.0057227>. Aug 5, 2021.
6. Ravikumar, Nakul MD1; McGee, William T. MD, MHA, FCCM, FNCS, FCCP2 How Much Fluid Should I Give to My Patient on a Ventilator?\*, *Critical Care Medicine: February 2022 – Volume 50 – Issue 2 – p 349-350* doi: 10.1097/CCM.0000000000005257
7. Khan, Muhammad; Kim, Young Hee; Tidswell, Mark; **McGee, William**; Braden, Gregory 1133: Caloric Requirements of Critically Ill Hemodialysis Patients, *Critical Care Medicine: January 2021 - Volume 49 - Issue 1 - p 568*doi: 10.1097/01.ccm.0000730420.25486.68
8. Mapes MV, DePergola PA, **McGee WT**. Patient-Centered Care and Autonomy: Shared Decision-Making in Practice and a Suggestion for Practical Application in the Critically Ill. *J Intensive Care Med.* 2020 Nov;35(11):1352-1355. doi: 10.1177/0885066619870458. Epub 2019 Aug 26. PMID: 31451000.
9. Shah K, Ravikumar N, Uddin QK, **McGee W**, Farmer MJS. Bilateral Bilothorax: An Unusual Cause of Bilateral Exudative Pleural Effusion. *Cureus.* 2019;11(7):e5185. Published 2019 Jul 21. doi:10.7759/cureus.5185
10. **William T. McGee**, MD, MHA, Brian H. Nathanson, PhD, DSHS, Elizabeth Lederman, Thomas L. Higgins, MD, MBA: Pressure Injuries at Intensive Care Unit Admission as a Prognostic Indicator of Patient Outcomes. *Critical Care Nurse* Vol 39, No. 3, pp 44-51 June; 2019
11. Onwochei-Ashei M, **McGee WT**. A rare case of paradoxical embolization during thrombolysis for pulmonary embolus. *Neurocrit Care.* 2019;30(2):484-6.
12. **McGee**, WT, Madrid, Rachel: Value, Chronic Critical Illness, and Choosing Wisely *J Intensive Care Med.* Vol 34, 8:pp 609-614, July 2018.
13. Raghunathan K, Bloomstone JA, **McGee WT**: The eye does not see what the mind does not know. *Turk J Anaesthesiol Reanim.* 2017 Feb; 45(1): 56–58.
14. Jaffee W, Hodgins S, **McGee WT**: Tissue edema, fluid balance and patient outcomes in severe sepsis. An organ-systems review. *J Intensive Care Med*, vol 33, 9, pp 502-509, Jan 2017.
15. **McGee WT**: Expert comments on Does Bilevel Positive Airway Pressure BiPAP Improve Outcome of Acute Respiratory Failure After Open Heart Surgery: *Ann Card Anaesth.* 2017 Oct-Dec; 20(4): 416–421.
16. Nathanson, BH, Higgins, TL, **McGee, WT**: The dangers of extreme body mass index values in patients with *Clostridium difficile*. *J Infection* Vol 45 , 6 pp787-793 Dec 2017..
17. Murray MJ, DeBlock HF, Erstad BL, Gray AW Jr, Jacobi J, Jordan CJ, **McGee WT**, McManus C, Meade MO, Nix SA, Patterson AJ, Sands K, Pino RM, Tescher AN, Arbour R, Rochweg B, Murray CF, Mehta S: Clinical practice guidelines for sustain neuromuscular blockade in the adult critically ill patient: 2016 update-executive summary. *Am J Health Syst Pharm* 2017 Jan 15;74(2):76-78.
18. Murray MJ, DeBlock H, Erstad B, Gray A, Jacobi J, Jordan C, **McGee W**, McManus C, Meade M, Nix S, Patterson A, Sands MK, Pino R, Tescher A, Arbour R, Rochweg B, Murray CF, Mehta S: Clinical Practice Guidelines for Sustained Neuromuscular Blockade in the Adult Critically Ill Patient. *Crit Care Med* 2016 (Nov);44(11)2079-2103.
19. **McGee WT**, Singh M: Mycobacterium Tuberculosis Presenting as Septic Shock with ARDS: Multiculturalism Promotes Early Therapy. *Lung Dis Treat* 2:115. doi: 10.4172/2472-1018.1000115
20. Nathanson B, **McGee WT**, Dietzen DT, Chen Q, Young J, Higgins TL: A state level assessment of hospital based palliative care and the use of life-sustaining therapies in the United States. 2015. High-Impact Article: *J Palliative Med* 2016 (Feb) Vol 19, No 4; 421-427. .
21. **McGee WT**, Alder A, Raghunathan K: Utility of Functional Hemodynamics and Ultrasonography versus Conventional Measures in the Diagnosis and Management of Shock States. *Shock* (Aug) 2015; 44(6):535-541.
- 22.

23. Tiru B, Di Nino EK, Orenstein A, Mailloux PT, Pesaturo A, Gupta A, **McGee WT**: The economic and humanistic burden of severe sepsis. *PharmacoEconomics* May 2015; 33(9):925-937.
24. Adler AC, Sharma R, Higgins TL, **McGee WT**: Hemodynamic assessment and monitoring in the intensive care unit: An Overview. *Journal of Anesthesiology and Critical Care*; Aug 2014;1 (4):1-13.
25. **McGee WT**, Raghunathan K: Physiologic Goal-Directed Therapy in the Perioperative Period: The volume prescription for high risk patients. *J Cardiothorac Vasc Anesth*. 2013 Dec;27(6):1075-8. doi: 10.1053/j.jvca.2013.08.004. PMID: 24267575
26. Adler A, Raghunathan K, Nathanson BH, **McGee WT**: Effects of body surface area-indexed calculations in the morbidly obese: A mathematical analysis. *Jour Cardiothor Vasc Anes* 2013 Dec;27(6):1140-1144.
27. **McGee WT**, Hexdall A: Red cell exchange transfusion for severe carbon monoxide poisoning merits further study. *J Clin Apheresis* Oct 2013;28(5):335-6.
28. Raghunathan K, **McGee WT**, Higgins TL: Importance of intravenous fluid dose and composition in surgical ICU patients. *Current Opinions in Critical Care Medicine*, Aug 2012; 18(4):350-7.
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#### Other publications

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#### Non-print / Online materials

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2. Wound Care Education Institute Blog: Pressure injuries at ICU admission as a prognostic indicator of patient outcomes, Jan 2020 **McGee, W**. <https://blog.wcei.net/2020/01/study-pressure-injuries-icu-admission-predict-outcomes>
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13. An Exciting Development in Continuous Cardiac Output. Speaking Out: Acuity Care Technology, Oct/Nov 2006. [www.AcuityCare.net](http://www.AcuityCare.net)
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15. Quick Guide to Cardiopulmonary Care (Eds. McGee WT, Headley J, Frazier JA). Edwards Critical Care Education. Edwards LifeSciences, LLC 2009, Irvine, CA [Compact Disc]; Over 300,000 copies in eight languages (most of the 300,000 in English); 150,000 printed and 150,000 in Apple App and pdf downloads.
16. Establishing Goals of Volume Management in Critically Ill Patients with Renal Failure using Applied Hemodynamic Physiology. CIN 2011 – 6th Congress of Nephrology in Internet, <http://cin2011.uninet.edu/en/trabajos/457.html>

## Invited Presentations

### International

The Physiologic Optimization Program and a Volume Prescription for the Critically Ill, XLVI Congreso Anual del Colegio Mexicano de Medicina Crítica, Leon, Mexico	Oct 2019
17 <sup>th</sup> Annual Vietnam Association of Critical Care Emergency Medicine and Clinical Toxicology; Annual Congress, Dalat Vietnam - Presentations: <ul style="list-style-type: none"> <li>● Update on sepsis biomarkers</li> <li>● Procalcitonin to predict septic shock and guide antibiotic therapy</li> <li>● Prognostic utility of combined sofa score lactate and C reactive protein for Septic Shock</li> <li>● New sepsis guidelines</li> <li>● Assessment of volume status</li> <li>● Fluid therapy what is the best solution</li> <li>● AKI update on biomarkers and diagnosis</li> </ul>	April 2018
34 <sup>th</sup> Annual Update in Anesthesiology, Surgery, and Perioperative Medicine; San Juan, Puerto Rico: Presentation: <ul style="list-style-type: none"> <li>● Goal-Directed Therapy and “The Volume Prescription” for High Risk Patients Using The Physiologic Optimization Program.</li> </ul>	January 2016
“Outcomes of the Zephyr Study”, Cartagena, South America Sponsor/Institute University of Cartagena, Columbia	April 2013
“Optimal Antibiotic Therapy of MRSA Pneumonia”, Medellin, Columbia, South America	April 2013
“Recommended Antibiotic Therapy in MRSA Nosocomial Pneumonia” Asociacion Medica de Los Andes, Grand Rounds, National Health Institute of Colombia, Bogota, Columbia South America	April 2013
Surgical Case Simulations, “Enhancing the Recovery of the Surgical Patient” – Video Symposium, Toronto, Canada Toronto General Hospital (broadcast simultaneously Quebec, Toronto, Calgary)	Nov 2012
“Goal-Directed Therapy Using Functional Hemodynamics: A Physiologic Volume Prescription for Trauma Patients “Montreal 2012: International Forum on Intensive Care Medicine, Montreal, Quebec	May 2012
“Physiologic Optimization Program applications in High Risk Surgery” Hands-on Workshop Programme for Hemodynamic Assessment 5th WFSA World Congress of Anaesthesiologists, Buenos Aires, Argentina	March 2012

"Hemodynamic Monitoring & the Physiologic Optimization Program", Hemodynamics Symposium 2011, Scarborough General Hospital, Toronto, Canada	May 2011
"A Simple Physiologic Algorithm for Managing Hemodynamics Utilizing Stroke Volume and Stroke Volume Variation: Physiologic Optimization Program", Multidisciplinary Rounds, Sunnybrook Critical Care and Anesthesia, Toronto, Canada	March 2008
"A Simple Physiologic Algorithm for Managing Hemodynamics Utilizing Stroke Volume and Stroke Volume Variation: Physiologic Optimization Program" (Endowed lecture) Toronto City Wide Grand Rounds, St. Michael's Hospital, Toronto, Canada	March 2008
"A Simplified Physiologic Algorithm to Optimize Fluid Management Using Arterial Pressure-Based Stroke Volume Variation" 2nd Mediterranean Congress on Critical Care Medicine, Croatian Society of Intensive Care Medicine, Brijuni Islands, Croatia	June 2007
"Cardiac Output Using the Arterial Pulse" Keio Medical University Hospital, Tokyo, Japan	Sept 2005
"Arterial Pressure Cardiac Output Clinical Examples" Keio Medical University, Tokyo, Japan	Sept 2005
"Clinical Results of a Multicenter Trial using Minimally Invasive Advanced Hemodynamic Measurement" Dr McGee's trial (ref #30) Tokyo Medical University, Tokyo, Japan	Sept 2005
"Minimally Invasive Physiologic Monitoring", Presentation to Japanese Health Ministry on Minimally Invasive Cardiac Output Utilizing the Arterial Pulse Waveform (ref # 30) Tokyo, Japan	Sept 2005
"Case Studies Utilizing Advanced Hemodynamic Measurements", Dinner Symposium, 25th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium	March 2005
"New Continuous Cardiac Output Measurement Using Arterial Pressure Waveforms" Scientific Program, 25th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium	March 2005

### National

"Suddenly Breathless: Ondine's curse following Listeria Rhombencephalitis. Neurocritical Care Society 19 <sup>th</sup> Annual Meeting, Chicago, IL	Oct 2021
"Improving Intrathoracic Organ Procurement Rates", Portland, ME	Oct 2019
"Applied Physiology of Hemodynamic Management of Sepsis using the Physiologic Optimization Program" Capital Health Sepsis Symposium, Pennington, NJ	Oct 2019
2019 SEPSIS SYMPOSIUM Key Note Speaker, NJ	Sept 2019
American Association Blood Banking, Boston, MA Clinical Perspectives "TACO, TRALI, AND TADS Volume management and Inflammation: State of the Science"	Oct 2018
Neurocritical Care Society, Boca Raton, FL Hemodynamic Management of Organ Donors using the "Physiologic Optimization Program"	Sept 2018
Morristown Medical Center, Critical Care Grand Rounds "Assessment of volume status and the physiologic optimization program" Morristown, NJ	August 2018
Expert Moderator, Society of Critical Care Medicine Annual Congress Slide Presentation, Honolulu, HI	January 2017
"Advanced ICU Hemodynamics" 14th Annual Neurocritical Care Society Meeting, National Harbor, VA	2016
An Elderly Man with Nausea, Vomiting, Diarrhea, Chest Pain and Left Facial Droop 2016 ID Week Fellows' Day Case Presentation, New Orleans, LA	October 2016
Expert Moderator, Research Snapshot Presentations, Society of Critical Care Medicine Annual Meeting, Orlando, FL	Feb 2016
Deresuscitation for the Critically Ill and Injured" Grand Rounds, St. Louis Mercy Medical Center, St. Louis, MO	Sept 2016

"Physiologic Optimization and Volume Prescription for the Critically Ill and Injured" Grand Rounds, St. Louis Mercy Medical Center, St. Louis, MO	Sept 2015
American Association of Critical Care Nurses Regional Conference Bedside applications of the POP for Critical Care Nurses, Vancouver, WA	March 2015
"Advanced ICU Hemodynamics" Workshop Director 13th Annual Neurocritical Care Society Meeting, Scottsdale, AZ	2015
"Bedside applications of the POP for Critical Care Nurses, Plenary 41st American Association of Critical Care Nurses Critical Care Fall Symposium, Vancouver, WA	Nov 2014
"Advanced ICU Hemodynamics for Critical Care Nurses" Workshop Director and Plenary 41st AACN Critical Care Fall Symposium Vancouver, WA	Nov 2014
Invited talk:"Advanced ICU Hemodynamics" Workshop Director 12th Annual Neurocritical Care Society Meeting, Seattle, WA	Sept 2014
"Advanced ICU Hemodynamics" Workshop Director 11th Annual Neurocritical Care Society Meeting, Philadelphia, PA	October 2013
"Taking the Pressure out of Teaching Hemodynamic Monitoring" HPSN World 2013 Session Facilitator, San Francisco, CA	July 2013
"Functional Hemodynamics and Physiologic Optimization for Sepsis" Saint Francis Hospital – Memphis, Grand Rounds Sepsis Symposium, Memphis, TN	June 2013
"Hemodynamic Monitoring and Physiologic Optimization for the Critically Ill: The Physiologic Optimization Program (POP)" Grand Rounds, University of New Mexico Medical Center, Albuquerque, NM	June 2013
"Hemodynamic Monitoring and Physiologic Optimization for the High Risk Surgical Patient: The Physiologic Optimization Program (POP)" William Beaumont Army Medical Center, El Paso, TX	June 2013
"Current Concepts in Pneumonia" Sandy, UT University of Utah Medical Center	June 2013
"Management of Nosocomial Pneumonia Due to MRSA" Salt Lake City, UT University of Utah Medical Center	Feb 2013
"Optimizing Stroke Volume: Improved Patient Management Using Minimally Invasive Hemodynamic Parameters" Department of Anesthesiology Grand Rounds, UT Health Science Center, San Antonio, TX	Sept 2012
"Goal-Directed Therapy Using Functional Hemodynamics: The Physiologic Optimization Program for the Critically Ill and Injured" Critical Care Grand Rounds, Washington Hospital Center, Washington DC	May 2012
"Applied Physiology and the Hemodynamic Management of Septic Shock Using the Physiologic Optimization Program" Annual Critical Care Conference 2012 King's Daughters Medical Center, Ashland, KY	April 2012
"Applied Physiology in the Care of the Critically Ill: The Physiologic Optimization Program" Anesthesia/Trauma Grand Rounds, New York Medical College, Westchester, NY	April 2012
"Functional Hemodynamics and the Physiologic Optimization Program: Goal Directed Therapy" Lake Hospital Systems, Grand Rounds Columbus, OH	April 2012
"Functional Hemodynamics and the Physiologic Optimization Program" Cardiothoracic Anesthesia Rounds Cleveland Clinic, Cleveland, OH	April 2012
"Functional Hemodynamics and the Physiologic Optimization Program: Goal Directed Therapy for the Critically Ill and Injured", Grand Rounds Staten Island University Hospital, Staten Island, NY	March 2012
"Functional Hemodynamics Optimizing IV Fluid Therapy" Critical Care Grand Rounds St. Mary's Medical Center, Au Clair, WI	March 2012

Houston, We Have a Problem! Use of Advanced Hemodynamics to Solve Clinically Challenging Situations” Society of Critical Care Medicine Annual Congress Breakfast session, Houston, TX	Feb 2012
“Physiologic Optimization and Goal Directed Therapy for Operative Patients” Anesthesia Grand Rounds, Ochsner Clinic, New Orleans, LA	Jan 2012
“Goal Directed Therapy” Pulmonary Critical Care Conference University of Louisville, Louisville, KY	Dec 2011
“Hemodynamic Monitoring and Physiologic Optimization: The Physiology Optimization Program (POP)” Dept. of Anesthesiology Grand Rounds, New York Medical College, Valhalla, NY	Nov 2011
Applied Physiology in the Care of the Critically Ill: The Physiologic Optimization Program” Critical Care Symposium Tulane Medical School, New Orleans, LA	Nov 2011
“Goal Directed Therapy Using Physiologic Optimization for the Critically Ill” Pulmonary and Critical Care Grand Rounds Oregon Health and Science University, Portland, OR	Nov 2011
“ARDS and Volume Management” Pulmonary and Critical Care Grand Rounds Oregon Health Sciences University, Portland, OR	Nov 2011
“Physiologic Goals and Cardiovascular Surgery” Cardiovascular Surgery Grand Rounds Beth Israel Medical Center, Newark, NJ	Nov 2010
“Optimizing Stroke Volume: Improved Patient Management Using FloTrac Hemodynamic Parameters” USF Health, Department of Cardiovascular Disease, Tampa, FL	Oct 2010
“Physiologic Optimization Program”, Grand Rounds Washington Medical Center, Vancouver, WA	Oct 2010
“Physiologic Optimization Program”, Atlanta, GA	Sept 2010
“Use of Arterial Monitoring in Determining Cardiac Output”, Critical Care Conference Aultman Hospital, Canton, OH	June 2010
“Use of Arterial Monitoring in Determining Cardiac Output” Cardiovascular Anesthesia and Critical Care Grand Rounds, Cleveland Clinic, Cleveland, OH	June 2010
“Dynamic Volume Optimization in the OR” Transplant Anesthesia Group, New York University, New York, NY	April 2010
“Physiologic Optimization in Trauma” Trauma Conference, University of Texas Medical Center, Houston, TX	April 2010
“ARDS: Current Ventilatory Management” Anesthesia Grand Rounds, University of California - San Diego Medical Center, San Diego, CA	April 2009
“Continuous Cardiac Output Monitoring” Anesthesia Grand Rounds Lankenau Hospital teleconference with Bryn Mawr and Paoli Hospitals, Philadelphia, PA	Sept 2009
“Continuous Cardiac Output Monitoring” Critical Care Grand Rounds Penn State Hershey Medical Center, Hershey, PA	Sept 2009
“Evolution of Hemodynamic Monitoring” CT Surgery Grand Rounds, University of Pennsylvania Hospital, Philadelphia, PA	May 2009
“Evolution of Hemodynamic Monitoring” Pulmonary Critical Care Rounds, Albert Einstein Medical Center, Philadelphia, PA	May 2009
“Multidisciplinary Training in Critical Care Medicine” Human Patient Simulation Network 09 Conference, Tampa, FL	March 2009
“Multidisciplinary Training in Critical Care Medicine” Human Patient Simulation Network 09 Conference, Tampa, FL	March 2009
“Critical Care Rounds” Jefferson Medical Center, Philadelphia, PA	October 2008

"Hemodynamic Monitoring with New Technology" Critical Care Grand Rounds, Medical College of Wisconsin, Milwaukee, WI	July 2008
"Goal-directed Fluid Optimization – Leveraging Stroke Volume Variation and SV/CO in the ICU" Anesthesia Grand Rounds, Loyola University Chicago Stritch School of Medicine, Chicago, IL	July 2008
"Team Training" American Association for Respiratory Care Summer Forum Phoenix, AZ	July 2008
"Debriefing of the Simulation Demonstration" American Association for Respiratory Care Summer Forum Phoenix, AZ	July 2008
"A Simple Physiologic Algorithm for Managing Hemodynamics Utilizing Stroke Volume and Stroke Volume Variation: Physiologic Optimization Program aids recovery in ARDS" Benjamin Burrows Lung Immunology Series-Endowed Lecture, Arizona Health Sciences Center, Tucson, AZ	May 2008
"Newer Methods of Hemodynamic Assessment" St. John's Mercy Medical Center Grand Rounds, St. Louis, MO	Dec 2007
"Critical Care Rounds" Oregon Health Sciences Center, Portland, OR	June 2007
"Less Invasive Cardiac Output Measurements" Critical Care Rounds, St. Vincent's Medical Center, Jacksonville, FL	April 2007
"Cardiology Grand Rounds", Applied Physiology at the Bedside, Morton Plant Medical Center, Clearwater, FL	Nov 2006
"Critical Care Rounds; cases" Maricopa General Hospital, Phoenix, AZ	Nov 2006
"Less Invasive Cardiac Output Measurements" Critical Care Rounds - University of Florida Gainesville, FL	July 2006
"Arterial Pressure Cardiac Output Clinical Examples" University of Texas Health Sciences Center, Trauma Rounds, Houston, TX	June 2006
"Physiologic Monitoring" Critical Care Grand Rounds University of North Carolina, Chapel Hill, NC	June 2006
"Arterial Waveform Analysis in the OR" Anesthesia Noon Conference, University of Alabama, Birmingham, AL	May 2006
Featured Speaker "Crossing the Chasm: Expanded Applications for Hemodynamic Monitoring" Society of Critical Care Medicine Annual Congress, Phoenix, AZ	January 2005
"Surviving Sepsis" Grand Rounds, St. Johns Mercy Medical Center, St. Louis, MO	Sept 2004
"Evolving Epidemiology of Fungal Infections" Critical Care Rounds, Mount Sinai Hospital, New York, NY	January 2004
"Patient Safety in the ICU", Grand Rounds St. Johns Mercy Medical Center, St. Louis, MO	October 2003
"Antifungal Therapies" Strong Memorial Hospital, Rochester, NY	May 2003
"PA Catheterization in the New Millennium" Grand Rounds, St. Johns Mercy Medical Center, St. Louis, MO	March 2003
"Single Hospital Experience with the Use of Activated Protein C One Year after FDA Approval", Grand Rounds McKay Dee Hospital, Ogden, UT	January 2003
"ICU Infections: Preventive Therapy" Critical Care Rounds, Critical Care Division Boston University, Boston, MA	October 2002
"New Pharmacotherapy for Sepsis", Grand Rounds, Corning Hospital, Corning, NY	Sept 2002
"Sepsis: New Insights. New Outlooks" Grand Rounds, Ellis Hospital, Schenectady, NY	April 2002
"Renal Function and Outcome" Radiology Rounds, University of Washington, Department of Radiology, Seattle, WA	Nov 2000

"The Use of MAb Against Endotoxin in the Treatment of Septic Shock", Medical Grand Rounds, Westchester County Medical Center, New York Medical College, Valhalla, NY	May 1992
"Fundamentals of Clinical Nutrition" Medical Grand Rounds Christian Hospital Northeast – Northwest, St. Louis, MO	Sept 1989

### Regional & Local (Selected)

Physiologic optimization improves the yield for organ donation : New England Donor Services; Waltham, MA	9/11/2018
Dartmouth Partners in Community Service: Mentor	8/31/2018
American Association of Critical Care Nurses Regional Conference: Functional hemodynamics: applied physiology at the bedside, Delaney House, AACN, Holyoke, MA	3/15/2017
Volume Assessment in the ICU" Nephrology Fellowship Lecture, Baystate Medical Center, Springfield, MA	2/14/2017
"The Volume Prescription" Department of Surgery Grand Rounds, Baystate Medical Center, Springfield, MA	10/7/2016
"The Volume Prescription" Department of Anesthesiology Grand Rounds, Baystate Medical Center, Springfield, MA	9/30/2015
"Goal-Directed Fluid Therapy and the Volume Prescription" Department of Medicine Grand Rounds, Holyoke Medical Center, Holyoke, MA	4/17/2015
"Physiologic Goal-Directed Therapy for the Critically Ill: American Association for Critical Care Nurses, Pioneer Valley Chapter, Holyoke, MA	2/19/2014
"The Volume Prescription" Department of Anesthesiology Grand Rounds Baystate Medical Center, Springfield, MA	10/17/2013
"Surviving an FDA Inspection" Division of Academic Affairs, Baystate Medical Center, Springfield, MA	1/31/2013
"Non-Invasive Continuous Cardiac Output Monitoring Anesthesia Symposium" Baystate Medical Center, Springfield, MA	03/19/2011
"Skin Infections and Pneumonia" Division of Critical Care Grand Rounds, Hartford Hospital, Hartford, CT	12/7/2011
Physiologic Optimization Using SVV & SI" Not Just for Intensivists: State-of-the-Art Approaches to Critical Care, Newport, RI Sponsored by Baystate	December 2011
"Nosocomial Pneumonia in the Complex Patient" Central Maine Medical Center Lewiston, ME	November 2011
"Physiologic Optimization Program", Anesthesia Grand Rounds, Boston Medical Center, Boston, MA	August 2010
"Physiologic Optimization in the OR" Anesthesia Grand Rounds St. Francis Hospital, Hartford, CT	April 2010
"ARDS: Are We Making Progress?" and Physiologic Optimization Using SVV & SI" @ Not Just for Intensivists: State-of-the-Art Approaches to Critical Care, Newport, RI Sponsored by Baystate	October 2009
Not Just for Intensivists: State-of-the-Art Approaches to Critical Care, Newport, RI Sponsored by Baystate	October 2009
"Adult Respiratory Distress Syndrome" The Massachusetts Society for Respiratory Care, Sturbridge, MA	9/27/2007
"New Continuous Cardiac Output Measurement Using Arterial Pressure Waveforms" Anesthesia Grand Rounds, Baystate Medical Center, Springfield, MA	7/21/2007

TIMES @ Baystate Symposium Simulation Panel, Baystate Medical Center, Springfield, MA	5/16/2007
"Latest Methods of Monitoring Resuscitation" Annual Critical Care Symposium St. Francis Hospital and Medical Center, Hartford, CT	5/11/2005
"Basic Hemodynamic Monitoring", "Neurologic Support", and "Diagnosis and Management of Shock" Fundamentals of Critical Care Support Course, Baystate Medical Center, Springfield, MA	3/17-18/2005
"Nosocomial Pneumonia" Department of Medicine Grand Rounds Beverly Hospital, Beverly, MA	7/29/2004
"Nutrition Support" Department of Medicine Grand Rounds, Cooley Dickinson Hospital, Northampton, MA	4/26/2004
"Emerging Pathogens in Clinical Practice" EPCP Interactive Discussion for Hospital Physicians, Boston Medical Center, Boston, MA	11/20/2003
"Nutrition Support: Who? Why? What? How?" Northampton VA Medical Center, Northampton, MA	11/19/2003
"Multi-drug Resistance in Gram-Negative Bacteria: Extended-Spectrum Beta-lactamases", Critical Care Rounds, Providence VA Medical Center, Providence, RI	September 2003
"Pulmonary Artery Catheter" Anesthesia Grand Rounds Miriam Hospital, Providence, RI	October 2002
"ARDS: New Treatment Modalities" Trends in Pulmonary Practice, 3rd Annual Pulmonary Symposium Baystate Medical Center, Springfield, MA	3/28/2002
"Life Threatening Infections" Fundamentals of Critical Care Support Course Dartmouth-Hitchcock Medical Center, Lebanon, NH	9/28-29/2001
"Shock" and "Shock Assessment and Management" Practical Skill Station: ATLS Instructor Course, Baystate Medical Center, Springfield, MA	7/12/2001
"Initial Experience with Caspofungin Acetate "Candida" for Life Threatening Fungal Infections" Merck and Co. Annual Retreat, Brewster, MA	7/9/2001
"Clinical and Molecular Medicine" University of Massachusetts, Worcester, MA	4/2/2001
"Shock" and "Shock Assessment and Management" Practical Skill Station: ATLS Instructor Course, Baystate Medical Center, Springfield, MA	1/18/2001
"Cardiac Dysfunction and Sepsis: What Has The Past Decade Taught Us?" Critical Care Conference, Baystate Medical Center, Springfield, MA	January 2000
"Pro-Con: The Pulmonary Artery Catheter in Critical Care Debate and Panel Discussion. 26th Annual Respiratory and Critical Care Course, Harvard Medical School. Boston MA	April 1999
"Clinical Advantages of an Expanded Point-of-Care Testing Program in Critical Care" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	11/18/1998
"Adrenal Hypofunction in the ICU" Department of Surgery Grand Rounds, Baystate Medical Center, Springfield, MA	11/5/1998
"Myocardial Depression & Sepsis" Department of Surgery Grand Rounds, Baystate Medical Center, Springfield, MA	8/20/1998
"Management of Medical Emergencies Series: Shock: Treatment then Diagnosis" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	7/9/1998
"Nitric Oxide, Myocardial Depression and Early Hemodynamic Therapy of Septic Shock" Critical Care Conference, Baystate Medical Center, Springfield, MA	4/15/1998
Annual Medical Education Workshop, Workshop Facilitator – Through the Doctor's Eyes: Implications of the Picker Institute's "Through the Patient's Eye's Report on Patients' Experiences", Springfield, MA	1/20/1998

"Cardiac Physiology" Surgical Seminar, Baystate Medical Center, Springfield, MA	September 1997
"Rapid Evaluation and Initial Treatment of Shock" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	7/23/1997
"Immunonutrition for ICU Patients" Respiratory Therapy Conference, Baystate Medical Center, Springfield, MA	May 1996
"Advances in the Provisions of Artificial Nutrition" Department of Medicine Grand Rounds, Noble Hospital, Westfield, MA	5/20/1996
"Micronutrient Dosing in Critical Illness" Featured speaker Spring Meeting of Central New England Chapter of the American Society of Parenteral and Enteral Nutrition, Sturbridge, MA	4/13/1996
"Emergency Evaluation and Treatment of Shock" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	7/26/1995
"Indirect Calorimetry – Application in the ICU" Baystate Medical Center, Springfield, MA	4/3/1995
"Initial Evaluation of Shock Patients" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	7/20/1994
"Nutrition in the 90's, Annual Gordon Harrower Lecture Putnam Medical Center, Putnam, CT	1/22/1993
"Pharmacologic Treatment of Shock" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	7/21/1993
"ICU Monitoring Techniques and Management of Hemodynamic Instability" Department of Medicine Grand Rounds, Holyoke Hospital Holyoke, MA	10/28/1992
"Pharmacologic Treatment of Shock" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	8/15/1992
"The Use of MAb Against Endotoxin in the Treatment of Septic Shock" Franklin Medical Center Department of Medicine Grand Rounds, Greenfield, MA	6/8/1992
"Manifestations and Pathophysiology of Shock" Baystate Medical Center, Springfield, MA	11/26/1991
"Neurologic Critical Care" Baystate Medical Center, Springfield, MA	9/17/1991
"Shock – Vasoactive Drugs" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	8/26/1991
Moderator – Panel Discussion "Treatment of Septic Shock" New Horizons in Septic Shock Conference, Basketball Hall of Fame, Springfield, MA	3/26/1991
"Adrenergic Responsiveness in Sepsis" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	3/21/1991
"Pharmacologic Treatment of Shock" Department of Medicine Grand Rounds, Baystate Medical Center, Springfield, MA	8/22/1990
"Cardiac Risk for Non-Cardiac Surgery" Department of Surgery Grand Rounds, Baystate Medical Center, Springfield, MA	4/15/1990
"Intra-abdominal Infections in the Critically Ill" Critical Care Grand Rounds. St. John's Mercy Medical Center, St. Louis, MO	2/14/1988
"Essential Hypertension; Natriuretic Hormone and the Na <sup>+</sup> , Ca <sup>++</sup> Hypothesis" Department of Medicine Grand Rounds, Wesson Memorial Hospital, Springfield, MA	3/12/1986

## Abstracts

### International

1. Sharma R, <b>McGee W</b> , Adler A: Classification of shock based on functional hemodynamic parameters and bedside ultrasound findings. CHEST World Congress 2014 Madrid Spain, Chest March 2014;145(3 Suppl):177A. Oral Presenter	2014
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2. Nathanson BH, <b>McGee WT</b> , Lederman E, Higgins TL: Differences in severity and resource utilization for medical and surgical ICU patients. 33rd International Symposium of Intensive Care and Emergency Medicine March 2013, Brussels, #A473. Crit Care 2013;17(Suppl 2):P490. Oral Presenter	2013
3. <b>McGee WT</b> , Nathanson BH, Lederman E, Higgins TL: Decubitus ulcers are associated with prolonged length of stay in critically ill patients. 33rd International Symposium of Intensive Care and Emergency Medicine March 2013, Brussels, #A646. Crit Care 2013;17(Suppl 2):P465. Oral Presenter	2013
4. Junker C, <b>McGee WT</b> , Headley J, Jian Z, Patel K, Hawkins K, Daniel P, Schroeder M, Chawla L, Hatib F: A preliminary study of a new stroke volume variation algorithm for predicting fluid responsiveness in patients with severe arrhythmias. Poster at the ESICM Annual Congress, October 1-5, 2011, Berlin, Germany. Inten Care Med 2011, 37(1). Suppl.S228.	2011
5. Kunkel, M, Chastre JE, Kollef M, Niederman M, Shorr AF, Wunderink RG, <b>McGee WT</b> , Olvey S, Reisman A, Baruch A: Linezolid vs. Vancomycin in the treatment of nosocomial pneumonia proven due to methicillin-resistant staphylococcus aureus. Oral presentation at the Late Breaker Session of the 48th Annual Meeting of the Infectious Diseases Society of America (IDSA), October 21-24, 2010 Vancouver, BC, Canada. Oral	2010
6. <b>McGee WT</b> , Elliott S, St. George J, Scales ME: Continuous Performance Improvement Works for Reduction of Central Line Associated Blood Stream Infections. Poster presentation for Chest Annual Meeting, Vancouver, BC, Canada, October 30 – November 4, 2010. Poster presentation for Chest Annual Meeting, Vancouver, BC, Canada, October 30 – November 4, 2010. 10.1378/chest.10529Chest October 2010 vol. 138 no. 4 supp 524A.	2010
7. Fernandez, G, D'Amour E, <b>McGee WT</b> , Langlois G, Mailloux P, Seymour N, Wait R: Simulation in Critical Care Medicine: Helping Students "Get It". Poster presentation for Chest Annual Meeting, Vancouver, BC, Canada, October 30 – November 4, 2010. doi:10.1378/chest.10536 (Chest. 2010; 138:201A).	2010
8. Chastre JE (Linezolid Study Group <b>McGee WT</b> ): Linezolid bested vancomycin for treatment of nosocomial pneumonia due to MRSA. Presented at the IDSA 48th Annual Meeting, October 21-24, 2010, Vancouver, BC. <a href="https://idsa.confex.com/idsa/2010/webprogram/paper5047.html">https://idsa.confex.com/idsa/2010/webprogram/paper5047.html</a> . Oral	2010
9. Higgins TL, Stark M, Manganaro L, <b>McGee WT</b> : Changes in Pulmonary Artery Catheter Use 2001-2006. Presented at the World Congress of Anesthesiologists Cape Town, South Africa – March 2-7 2008. Oral	2008
10. <b>McGee WT</b> , Burns M, Kozikowski K, Headley J: A simplified physiologic algorithm to optimize fluid management using arterial pressure-based stroke volume variations. Slide presentation at the 2nd Mediterranean Congress on Critical Care Medicine, June 4-7, 2007, Brijuni Islands, Croatia. Neurol Croat 2007;56:227. Oral Presenter	2007
11. Higgins TL, Lindenauer P, Thomas J, Tidswell M, Thomas D, <b>McGee WT</b> : Severity-adjusted outcome after C.P.O.E. implementation. Presentation at the 19th Annual Congress, ESICM, Barcelona, Spain, September 24-27, 2006. Inten Care Med 2006;32:S32. Oral	2006
12. <b>McGee WT</b> , Horswell JL, Calderon J: Validation of a continuous cardiac output measurement using arterial pressure waveforms. 25th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 21-25, 2005. Critical Care 2005 Vol 9, Suppl 1:S24-S25. Oral Presenter	2005
13. The Phase II Pafase ARDS Prevention Study Group and ICOS Corporation ( <b>McGee WT</b> ): Recombinant platelet activating factor acetylhydrolase (Pafase $\alpha$ ) decreases the incidence of acute respiratory distress syndrome (ARDS) and 28-day all-cause mortality. European Society of Intensive Care Medicine, Rome, Italy, October 2000. Oral	2000
14. <b>McGee WT</b> , Steingrub JS, Moody G, Jackson M: Relationship of venous-arterial CO <sub>2</sub> tension gradient and VO <sub>2</sub> in septic shock. Presentation in a Scientific Poster Session entitled, "Cardiopulmonary Monitoring of Critically Ill Patients" during the World Congress	1993

on Diseases of the Chest held in Amsterdam, the Netherlands, June 1993. Chest  
1993;103(3):303S. Oral Presenter

**National**

1. Asghar, A, McGee, W, Khan, A. "Common Things Are Common": Red Herrings in the Diagnosis of Acetaminophen and Salicylate Overdose. <i>2022 Critical Care Congress</i>	2022
2. Eubank, L., <b>McGee, W</b> . Effectiveness of Surgical Masks in Decreasing Aerosolization in Patients on Supplemental Oxygen. <i>2022 Critical Care Congress</i>	2022
3. Kudrolli, A., <b>McGee, W</b> . "COVID-19 and other respiratory diseases transmission during oxygen-therapy" March American Physical Society, Chicago, IL	2022
4. McGee W: Caloric Requirements of Critically Ill Hemodialysis Patients. 2021 Virtual Critical Care Congress.	2021
5. Asad H. Khan, Brian H. Nathanson, Daniel L. Landry, <b>Bill McGee</b> , Gregory L. Braden. Re-Evaluation of Renal Bicarbonate Compensation in the Setting of Extreme Chronic Respiratory Acidosis. American Society of Nephrology Conference Kidney Week, Denver, CO (held virtually), October 2020	2020
6. Khan A, <b>McGee W</b> , Nathanson BH, et al. Reevaluation of existing acid-base compensation formulas for severe respiratory acidosis. <i>Crit Care Med</i> . 2019;47(1) Supplement 1:538.	2019
7. Uddin QK, <b>McGee W</b> , Onwochei-Ashei M, Golchin A. Catastrophic airway complications status post anterior cervical discectomy and fusion. <i>Chest</i> . 2019;156(4)(suppl):A1258. doi:10.1016/j.chest.2019.08.1133	2019
8. Khan A., Cota D., Devoe N.C., Gurung P., Magauran C.E., <b>McGee, WT</b> ; 'Tis The Season To Be Wary; A Case Of Fatal EEE In Western Massachusetts" 2020-CR-15049-ATS	2019
9. Khan A, <b>McGee WT</b> , Nathanson BH, et al. Reevaluation of existing acid-base compensation formulas for severe respiratory acidosis. <i>Crit Care Med</i> . 2019;47(1) Supplement 1:538. doi:10.1097/01.ccm.0000551868.98005.a2	2018
10. Bergstrom B, <b>McGee W</b> : A randomized control trial of lung recruitment maneuvers in brain-dead donors: Continuous positive airway pressure versus incremental positive-end expiratory pressure increase, American Society Transplant Surgeons Annual Congress Jan 12 2018; Miami FL Oral	2018
11. Onwochei-Ashei M, <b>McGee WT</b> , Tidswell MA. A rare case of paradoxical embolization during thrombolysis for a pulmonary embolus. <i>Am J Respir Crit Care Med</i> . 2018;197:A5336. <a href="https://www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2018.197.1">https://www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2018.197.1</a>	2018
12. <b>McGee WT</b> , Nathanson B, Higgins T: Extreme body mass indices are associated with greater mortality in patients with C Diff infections. Presentation at Society of Critical Care Medicine Annual Congress 2017;44(12) Suppl:574. Oral Presenter	2017
13. <b>McGee WT</b> , Haroon Haq: Instantaneous Sepsis-induced Cardiomyopathy. SCCM annual congress: Case Report Snapshot Abstract Award Jan 2018 San Antonio TX 46 (1):681, #2 p 36 Oral	2016
14. Singh DK, Weinstock C, Johnson B, <b>McGee, WT</b> : Case Report: Unraveling Ondine's Curse Caused by Listeria Rhombencephalitis. <i>IDWeek</i> . Oct 2016; New Orleans LA <a href="http://222.idimages.org/idreview/case/case%20id=524,10/2016">http://222.idimages.org/idreview/case/case id=524, 10/2016</a> .	2016
15. Eckert P, <b>McGee WT</b> : Using physiologic variables to guide management in ARDS. Clinical Case Puzzler. Presented at CHEST 2015; Montreal, Canada.Oral	2015
16. Gupta A, Bautista MT, Sharma R, Mailloux P, <b>McGee WT</b> : An Infamous Cause of Encephalitis Anti NMDA Receptor Encephalitis. Accepted for presentation at 2015 Society of Critical Care Medicine Annual Congress, Phoenix, AZ. <i>Crit Care Medicine</i> 2014 (Dec) Vol 42(12 Suppl): #1208.	2014
17. Gupta A, Higgins TL, <b>McGee WT</b> : Benchmarking ICU performance: The Role of Family Satisfaction ID:3886, #800). Accepted for presentation at 2015 Society of Critical Care Medicine Annual Congress, Phoenix, AZ. <i>Crit Care Med</i> 2014 (Dec) Vol 42(12 Suppl):#800.	2014

18. Noble K, Pesaturo A, Housman E, <b>McGee W</b> : Impact of delaying methicillin-resistant staphylococcus aureus (MRSA) pneumonia treatment until microbiologic documentation (#178), Open Forum Infectious Diseases, <i>Volume 1, Issue suppl_1, 1 December 2014</i> , Pages S83, <a href="https://doi.org/10.1093/ofid/ofu052.44">https://doi.org/10.1093/ofid/ofu052.44</a> Poster presentation at IDWeek Philadelphia PA.	2014
19. Bautista MT, Sharma R, Gurung P, <b>McGee W</b> : The dangers of hoarding: A case of listeria meningitis. Society of Critical Care Medicine 2014 Critical Care Congress. <i>Crit Care Med 2013 (Dec);41(12 Suppl):1329</i> .	2013
20. Sharma R, Bautista MT, <b>McGee WT</b> : Hemophagocytic lymphohistiocytosis syndrome (HLH): A great sepsis masquerade. Society of Critical Care Medicine 2014 Critical Care Congress. <i>Crit Care Med 2013 (Dec);41(12 Suppl):1216</i> .	2013
21. <b>McGee WT</b> , Scales ME, Scott S, St. George J, Elliott S: Comprehensive Assessment of Performance Improvement Functions in a Community Teaching Hospital ICU. Society of Critical Care Medicine 2014 Critical Care Congress. <i>Crit Care Med 2013 (Dec);41(12 Suppl):147</i> .	2013
22. Adler AC, Nathanson B, Raghunathan K, <b>McGee, WT</b> : Extremes of weight may lead to inaccurate reporting of body surface area (BSA) indexed hemodynamic parameters. American Society of Anesthesiology Annual Meeting (Oct) 2012, Abstract #A574.	2012
23. Raghunathan K, Thanawala R, Begley A, Adler A, Hochheiser G, Ganim R, <b>McGee WT</b> : The SVV-SV Relationship during one lung ventilation. 66th Postgraduate Assembly in Anesthesiology, December 14-18, 2012, New York, NY.	2012
24. Raghunathan K, <b>McGee WT</b> , Adler A: Classification of shock based on functional hemodynamic parameters. Oral presentation. Annual CVT Critical Care Conference, Orlando, FL October 4-6, 2012.	2012
25. Raghunathan K, Gibson C, <b>McGee WT</b> , Thanawala R, Hochheiser G, Ganim R: Observational study of functional hemodynamics during one lung ventilation. Poster presentation at International Anesthesia Research Society, Boston, MA, May 2012.	2012
26. Lusardi P, Brown V, Henneman E, <b>McGee W</b> , Olson M: Changing ICU Practice: The RN/MD Collaboration Project. Oral Presentation at the National Teaching Institute and Critical Care Exposition. May 2012, Orlando, FL.	2012
27. Sareen M, <b>McGee W</b> , Tiru B, Arora A: Resuscitation via Femoral Vein is Inadequate in Abdominal Compartment Syndrome. Abstract for Critical Care Congress, February 4-8, 2012, Houston, Texas. <i>Crit Care Med 2011;39(12 Suppl):880</i> .	2011
28. Arora A, Sareen M, Sachdeva G, <b>McGee W</b> : Acute Right Heart Failure Precipitated by Thyroid Storm: An Unusual Manifestation. Abstract for Critical Care Congress, February 4-8, 2012, Houston, Texas. <i>Crit Care Med 2011;39(12 Suppl):863</i> .	2011
29. Lusardi P, Brown G, Ryan G, Killian C, Talbot M, Pesaturo A, Shea K, Henneman B, Ginepro E, Trench P, Nash K, <b>McGee WT</b> : The ICU RN-MD Collaboration Project. Performance Improvement Project at Baystate Medical Center (Funded by BMC Risk Management), October 2011. Oral presentation	2011
30. Collins MB, <b>McGee WT</b> , Scales ME, St. Georges J, Elliott S, Peto R, Scott S, Tillman D: Reduction of central line-associated bloodstream infections (CLABSI) in the ICU. A Performance Improvement Project at Baystate Medical Center, October 2011.	2011
31. Singh M, <b>McGee WT</b> : Septic ARDS in an immunocompetent patient with miliary tuberculosis: a case report. Poster presentation at the ACCP CHEST 2011 Annual Conference, October 22-26, 2011, Honolulu, Hawaii. <i>Chest 2011;140(4):142A</i> .	2011
32. Hartman-Heaney T, <b>McGee WT</b> : Utilization of formal echocardiography for shock: The emperor has no clothes. Poster presentation at the ACCP CHEST 2011 Annual Conference, October 22-26, 2011, Honolulu, Hawaii. <i>Chest 2011;140(4):339A</i> .	2011
33. Tiru B, <b>McGee WT</b> : Volume responsiveness in critically ill patients. Poster presentation at the ACCP CHEST 2011 Annual Conference, October 22-26, 2011, Honolulu, Hawaii. <i>Chest 2011;140(4):117A</i> .	2011

34. <b>McGee WT</b> , Frechette C, Dailey P: Survey of peak flow rates in mechanical ventilation. Poster presentation at the 2011 American Thoracic Society conference, May 13-18, 2011, Denver, CO. Am J Respir Crit Care Med May 2011;183:A1703.	2011
35. <b>McGee WT</b> , Arora A, Sachdeva G: Lactic acidosis and delta anion gap: Do serial lactate measurements add value? Poster presentation at the 2011 American Thoracic Society conference, May 13-18, 2011, Denver, CO. Am J Respir Crit Care Med May 2011;183:A5852.	2011
36. <b>McGee WT</b> , Higgins TL: Automated reporting of safety bundles: Streamlining the performance improvement process. Poster presentation at the 31st International Symposium on Intensive Care and Emergency Medicine, March 2011. Critical Care 2011;15 (Suppl 1):P479 (11 March 2011). Oral	2011
37. Raghunathan K, Joyce RR, Al-Dossary B, <b>McGee, WT</b> : Automated Monitoring of Pulse Pressure Variation During Laparoscopy. Poster presentation for ASA October 16-20, 2010, San Diego, CA. Oral	2010
38. Fernandez G, <b>McGee WT</b> , Higgins T, Mailloux P, Page D, D'Amour E, Wait R, Seymour N: Simulation and Critical Care Medicine – Helping Students “Get It”. Poster presentation for Medical Education Day, Tufts University School of Medicine, Boston, MA, March 31, 2010.	2010
39. <b>McGee WT</b> , Mailloux PT: Unintended Consequences of Technology Improvement. Poster presentation at the 30th International Symposium on Intensive Care and Emergency Medicine, March 2010, Brussels, Belgium. Crit Care 2010, 14(Suppl1):331. Oral Presenter	2010
40. <b>McGee WT</b> , Nathanson B: Threshold levels of extreme body surface area that may cause a misrepresentation of cardiac performance. Poster presentation at the 30th International Symposium on Intensive Care and Emergency Medicine, March 2010, Brussels, Belgium. Crit Care 2010, 14(Suppl1):97 Oral Presenter	2010
41. <b>McGee WT</b> , Joyce R: Hypercapneic central edema in asthma. Poster presentation at the Society of Critical Care Medicine 2010 Annual Congress, Miami Beach, FL. Crit Care Med 2009;37(12):1042.	2009
42. Mailloux PT, <b>McGee WT</b> , Langlois G, Friderici J: Improving the Effectiveness of Cardiopulmonary Resuscitation in a Simulated Environment through Biofeedback. Poster presentation at The American College of Chest Physicians 2009 Annual Meeting, San Diego, CA. Chest Meeting Abstracts; 36:10S-a.	2009
43. Mailloux PT, <b>McGee WT</b> , Nathanson B: Hemodynamic and Delta Blood Volume Relationship during Continuous Renal Replacement Therapy. Slide presentation at The American College of Chest Physicians 2009 Annual Meeting, San Diego, CA. Chest Meeting Abstracts 2009; 136: 50S-e. Oral	2009
44. Mailloux PT, Fernandez, G, <b>McGee WT</b> : Simulation as an educational modality for multidisciplinary training experience in critical care medicine. Presentation at the NEGEA 2008 Annual Education Retreat, Burlington, VT. – Northeastern Group on Educational Affairs Award. Oral	2008
45. Mailloux PT, <b>McGee WT</b> , Higgins T, Tucker J, Kozikowski K: Blood volume changes during dialysis and their impact on cardiac performance. Presentation at 2008 CHEST conference, Philadelphia, PA. Chest 2008 134:120002S.	2008
46. <b>McGee, WT</b> , Burns M, Kozikowski K: Physiologic Management of hemodynamics in the operating room using arterial pressure-based stroke volume and stroke volume variation. Poster presentation at CHEST 2008 conference, Philadelphia PA. Chest 2008 134:119002S.	2008
47. <b>McGee WT</b> , Mailloux PT, Fernandez G, Langlois G: A human patient simulation program training residents in critical care medicine – quantitative analysis. Poster discussion at Society of Critical Care Medicine Annual Conference, February 1-8, 2008, Honolulu, Hawaii. Crit Care Med 2007;35(12Suppl):A130. Oral Presenter	2007
48. <b>McGee WT</b> , Higgins T, Jodka P, Mailloux P, Lederman E: Optimal steroid therapy may improve outcome in septic shock. Poster discussion at Society of Critical Care Medicine Annual Conference, February 1-8, 2008, Honolulu, Hawaii. Critical Care Med 2007;35(12 suppl):A117.	2007

49. Shah A, <b>McGee WT</b> : Systemic capillary leak syndrome. Poster presentation at the 2006 Massachusetts ACP Annual Meeting, December 2, 2006, Waltham, MA. – ACP Award. Oral	2006
50. <b>McGee WT</b> , Horswell JL, Hatib FS, Headley JM: Stroke volume variation to stroke volume relationship using a less invasive arterial pressure-based technology. Presented at Society of Critical Care Medicine Annual Conference, February 17-21, 2007, Orlando, FL. Crit Care Med 2006;34 (Suppl):A60.	2006
51. <b>McGee WT</b> , Headley JM, Kozikowski L: Comparing the effect of atrial fibrillation on various cardiac output methods. Presentation at Society of Critical Care Medicine Annual Conference, February 17-21, 2007, Orlando, FL. Crit Care Med 2006;34 (Suppl):A162.	2006
52. <b>McGee WT</b> , Mailloux PT, Fernandez GL, Langlois G: A pilot simulation program training residents in critical care medicine-qualitative analysis. Presented at the Society of Critical Care Medicine Annual Conference, February 17-21, 2007, Orlando, FL. Crit Care Med 2006;34 (Suppl):A121. Oral	2006
53. Mailloux PT, <b>McGee WT</b> : Stroke volume variability, SVO2 and intravascular volume during CVVHD. Presented at the Society of Critical Care Medicine Annual Conference, February 17-21, 2007, Orlando, FL. Crit Care Med 2006;34 (Suppl):A174.	2006
54. Kim YH, O'Connor A, <b>McGee WT</b> , Dulude E, Braden G: Caloric requirements of critically ill hemodialysis patients: Is the K/DOQI guideline accurate? Presented at the National Kidney Foundation 2005 Clinical Meetings, May 4-8, 2005. Washington, DC. Oral	2005
55. Higgins TL, <b>McGee WT</b> : Disparity in outcome prediction between APACHE-II, MPM-II and SAPS II. Poster Presentation at SCCM 34th Critical Care Congress February 2005. Crit Care Med 2004;32(Suppl):A28.	2004
56. <b>McGee WT</b> , Scales ME, Jodka P, Johnson K, Langone C: Synergies in quality improvement projects decrease the incidence of ventilator associated pneumonia. Oral presentation at CHEST 2004 Annual meeting in Seattle, WA. CHEST 2004;126 Suppl:765S. Oral Presenter	2004
57. Ghori, K, <b>McGee WT</b> , Farid A, Scott S, Fitzgerald J, Brunton M, Higgins TL: Safety in the ICU: Computerized physician order entry aides compliance with an ICU safety protocol for glycemic control. CHEST 2003;124:184S.	2003
58. <b>McGee WT</b> , Farid A, Ghori K, Scott S, Fitzgerald J, Brunton M, Higgins TL: Safety in the ICU: Achieving compliance with head of bed elevation using computerized physician order entry. CHEST 2003;124:184S.	2003
59. <b>McGee WT</b> , Higgins TL, Askew E: Quality of outcome in patients admitted to the ICU from long term care facilities. Poster presentation at the Society for Critical Care Medicine 32rd Educational and Scientific Symposium. January 28-February 2, 2003, San Antonio, TX. Crit Care Med 2003;30:A141.	2003
60. Higgins TL, Brunton M, <b>McGee WT</b> , Askew E: Assessing AHRQ Safety Initiative Goals with Project IMPACT. Presented at Society of Critical Care Medicine 31st Educational and Scientific Symposium. January 26-30, 2002, San Diego, CA. Crit Care Med 2001;29:A175.	2001
61. Higgins, TL, <b>McGee WT</b> , Steingrub JS, Rapoport J, Teres D: Early Indicators of Prolonged Intensive Care Stay. Accepted for poster presentation at the Society of Critical Care Medicine 29th Educational and Scientific Symposium, February 8-10, 2001 in San Francisco, CA Crit Care Med 2000;28:A112.	2000
62. <b>McGee WT</b> , Higgins TL, Steingrub JS, Rapoport, J, Teres D: Full time ICU physicians decrease pulmonary artery catheter use. Slide presentation at the 66th Annual International Scientific Assembly of the American College of Chest Physicians, October 22-26, 2000 in San Francisco, CA. Chest 2000;118:129S. Oral Presenter	2000
63. Erstad BL, <b>McGee WT</b> : Cost-effectiveness analysis of neuromuscular blocking agents for sustained neuromuscular blockade in the ICU. Poster presentation at the Society of Critical Care Medicine 28th Educational and Scientific Symposium, February 11-15, 2000 in Orlando, FL. Crit Care Med 1999;27:A131.	1999
64. <b>McGee WT</b> , Martin R: Safe placement of central venous catheters. Poster presentation at the Society of Critical Care Medicine 28th Educational and Scientific Symposium, February 11-15, 2000 in Orlando, FL. Crit Care Med 1999;27:A47.	1999

65. <b>McGee WT</b> , Higgins TL, Steingrub JS, Rapoport J, Teres D: Influence of insurance status on pulmonary artery catheter use. Poster presentation at the Society of Critical Care Medicine 28th Educational and Scientific Symposium, February 11-15, 2000 in Orlando, FL. Crit Care Med 1999;27:A50. Internal Medicine Specialty Award. Oral Presentation	1999
66. Giuliano KK, Higgins TL, Pysznik E, <b>McGee WT</b> , Perkins S, Jaciow D: Cost-effectiveness and laboratory turnaround time using expanded point-of-care testing in the ICU. Crit Care Med 1999;27(1) Suppl:A115. Poster presentation at the Society of Critical Care Medicine 28th Educational and Scientific Symposium, January 23-27, 1999 in San Francisco, CA.	1999
67. <b>McGee WT</b> , Rapoport J, Sidhom S, Higgins T, Teres D: Accurate cost accounting of high cost ICU outliers. Crit Care Med 1999;27(1) Suppl:A153. Poster presentation at the Society of Critical Care Medicine 28th Educational and Scientific Symposium, January 23-27, 1999 in San Francisco, CA.	1999
68. <b>McGee WT</b> , Steingrub, JS, Callas P: Daily charges and the use of vasopressor medications in severe sepsis patients undergoing right heart catheterization. Crit Care Med 1999;27(1) Suppl:A151. Poster presentation at the Society of Critical Care Medicine 28th Educational and Scientific Symposium, January 23-27, 1999 in San Francisco, CA.	1999
69. <b>McGee WT</b> , Teres D, Callas P, Pekow P: Economic analysis of pulmonary artery catheter in severe sepsis. Crit Care Med 1998;26(1)(Suppl):A66. Poster presentation at the Society of Critical Care Medicine 27th Educational and Scientific Symposium, February 5, 1998 in San Antonio, TX.	1998
70. Giuliano KK, Goerd P, Higgins T, Elliot S, Anderson T, Circeo L, <b>McGee WT</b> : Using the Juran Quality Improvement Model to improve the management and reduce costs in patients on neuromuscular blocking agents (NMBA) in the intensive care unit. Crit Care Med 1998;26(1)(Suppl):A88. Poster presentation at the Society of Critical Care Medicine 27th Educational and Scientific Symposium, February 5, 1998 in San Antonio, TX.	1998
71. <b>McGee WT</b> , Kim YH, Giuliano K: Microbial contamination of enteral feeding with pathogenic bacteria is common. Poster presentation at the American Society for Parenteral and Enteral Nutrition Practice Poster session of the 21st Clinical Congress. ASPEN 21st Clinical Congress booklet, 1997, page 442. Oral	1997
72. Steingrub JS, <b>McGee WT</b> , Callas P: Does patient age influence the decision to place a pulmonary artery catheter? Poster presentation at the 63rd Annual International Scientific Assembly of the American College of Chest Physicians, October 26-30, 1997. Chest 1997;112(3):96S.	1997
73. Steingrub JS, <b>McGee WT</b> , Teres D: Pulmonary artery catheterization: Impact on length of ICU stay in severe sepsis. Chest 1996;110(4)(Suppl):145S. Slide presentation at the XVIII World Congress on Diseases of the Chest. Oral Presentation	1996
74. <b>McGee WT</b> , Steingrub JS, Callas P, Latshaw S, Moran JE: Venous arterial carbon dioxide tension gradient in hyperdynamic septic shock. Presentation at the 1994 Annual International Scientific assembly. Chest 1994;106(2):178S.	1994
75. Moriarty KP, <b>McGee WT</b> , Niceforo J, Lee B: Accurate placement of central venous catheters: Follow-up study using 16cm catheters. Presentation at the 1994 Annual Critical Care Conference. Crit Care Med 1994;22(1):A27.	1994
76. <b>McGee WT</b> , Steingrub JS, Teres D: Septic shock mortality: Effects of manipulating O2 transport. Finalist for the Cecile Lehman Mayer research award. Presentation at the American College of Chest Physician's 59th Annual International Scientific Assembly in Orlando, FL October 24-28, 1993. Chest 1993;104(2):3S. Oral Presenter	1993
77. Steingrub JS, <b>McGee WT</b> , Callas P, Teres D: Clinical utility of lactate (L) measurements in the ICU. Poster presentation at the Society of Critical Care Medicine 22nd Educational and Scientific Symposium to be held in New York, June 9-13, 1993. Crit Care Med 1993;21(4):S200.	1993
78. Steingrub JS, <b>McGee WT</b> , Callas P, Teres D: Clinical utility of lactate (L) measurements in the ICU. Accepted for a poster presentation at the Society of Critical Care medicine 22nd Educational and Scientific Symposium, New York, NY June 9-13, 1993. Crit Care Med 1993;21(4) Suppl:S200.	1993

79. Steingrub JS, <b>McGee WT</b> , Jackson M: Effects of Dobutamine infusion on DO <sub>2</sub> and VO <sub>2</sub> in septic shock. Accepted for presentation at the American College of Chest Physicians 58th Annual Scientific Assembly in Chicago, IL, October 25-29, 1992. Chest 1992;102:155S.	1992
80. Mallory DL, <b>McGee WT</b> , Shawker TH, : Ultrasound guidance improves the success rate of internal jugular vein cannulation: A prospective, randomized trial. Presented at the 41st Annual Meeting of the Society of Anesthesiology. Anesthesiology 1990;2:22. Oral Presenter	1990
81. Mallory DL, <b>McGee WT</b> , O'Brien JA, Evans RG, Keller S, Wilson GL, Veremakis C: Portable radiographs show wide variability in magnification. Clin Res 1989;37(4).	1989
82. Mallory DL, Oltermann MO, <b>McGee WT</b> , Evans RG, O'Brien JA, Matuschak GM, Hayek DA, Cavallo U, Veremakis C: Non-invasive analysis of in vivo human microvascular flow characteristics using reflectance light videomicroscopy. Presented at the American College of Chest Physicians 54th Annual Scientific Assembly in Chicago, IL. Chest 1989;96(2):295S.	1989
83. Mallory DL, <b>McGee WT</b> , Haake RE, Matuschak GM, Veremakis C and the St. Louis Vascular Study Group: A multicenter study evaluates safety and technical aspects of central vascular cannulation. Presented at the American College of Chest Physicians 54th Annual Scientific Assembly in Chicago, IL. Chest 1989;96(2):295S Oral	1989
84. Mallory DL, Shawker TH, <b>McGee WT</b> , Brenner M, Parker MM, Bailey K, Evans RG, Farmer JC, Veremakis C, Parrillo JE: Ultrasound guidance of internal jugular vein cannulation in the ICU. Presented at the 17th Annual Assembly of SCCM in Orlando, FL. Crit Care Med 1988;16(4):435.	1988
85. Mallory DL, Morrison GT, <b>McGee WT</b> , Brenner M, Shawker TH, Parker MM, Evans RG, Farmer, JC, Veremakis C, Parrillo JE: The effect of cannulation maneuvers and techniques on internal jugular vein lumen cross-sectional area. Presented at the 17th Annual Assembly of SCCM in Orlando, FL. Crit Care Med 1988;16(4):447.	1988
86. <b>McGee WT</b> , Mallory DL, Johans TG, Marbarger JP, Veremakis C: Safe placement of central venous catheters is facilitated using right atrial cardiography. Presented at the 17th Annual Assembly of SCCM in Orlando, FL. Crit Care Med 1988;16(4):434.	1988

### **Academic Service**

#### **Internal Administration and Service**

#### **Baystate Health**

Member, SRATT (Scarce Resource Allocation Triage Team) DMT Committee, Baystate Medical Center, Springfield, MA	2020-present
Member, CIS Advisory Group, Baystate Medical Center, Springfield, MA	2015-2020
Co-Chair Medical Staff Bylaws and Administrative Affairs Committee, Baystate Medical Center, Springfield, MA	2015-2017
Member, Sepsis Leadership Team, Baystate Medical Center, Springfield, MA	2014-2018
Co-Chair, Performance Improvement Coordinating Council, Baystate Medical Center, Springfield, MA	2012-2015
Secretary, Medical Staff Executive Committee, Baystate Medical Center, Springfield, MA	2010-2012

Chairman, Adult Medical and Surgical ICU Performance Improvement Committee, Baystate Medical Center, Springfield, MA	1995-2015
Physician Champion, Phase I CHART Grant Telemedicine Project, Baystate Medical Center, Springfield, MA	2014
Vice Chairman, Surgical Performance Improvement, Baystate Medical Center, Springfield, MA	1991-2011
Chairman, Technology and Therapeutics Committee, Baystate Medical Center, Springfield, MA	2005-2009

Chairman, Nutrition Support Committee, Baystate Medical Center, Springfield, MA	2004-2009 & 1991-1999
Acting Director Surgical Intensive Care Unit, Baystate Medical Center, Springfield, MA	1995-1998
Chairman, Focus Group, Blood Transfusion Criteria, Baystate Medical Center, Springfield, MA	1993
Co-Chairman, Biotechnology Drug Assessment Committee, Baystate Medical Center, Springfield, MA	1991-1993

**Professional Memberships and Activities**

Member, ABIM inaugural Critical Care Medicine Longitudinal Knowledge Assessment Item-Writing Task Force Committee	2021 - present
Member, Teladoc Health Inc, Global Expert Panel	2021 – 2022
Palliative Care Education and Practice Course, Harvard Medical School, Boston, MA	2020-2021
Board of Advisors, Elevage Partners	2020
Member, MD Experts	2020
American Academy of Hospice & Palliative Care	
<ul style="list-style-type: none"> <li>Scientific and quality improvement poster judges for the 2019 Annual Assembly.</li> </ul>	2019
Neurocritical Care Society	
<ul style="list-style-type: none"> <li>Fellow</li> </ul>	2018
<ul style="list-style-type: none"> <li>Co-Director workshops, Annual Meetings, National Harbor, VA and Waikaloa, Hawaii</li> </ul>	2016 & 2017
<ul style="list-style-type: none"> <li>13th Annual Meeting Planning Committee and Workshop Subcommittee</li> </ul>	2015
American Academy of Hospice & Palliative Care	2013 - present
<ul style="list-style-type: none"> <li>Guidelines committee Prescription Drug Monitoring Programs (Developed national guidelines for the use of narcotics for patients receiving palliative care)</li> </ul>	2015 - 2019
<ul style="list-style-type: none"> <li>Health Policy and Advocacy Committee (charged with advocating at the state and national level for laws that protect patients, especially hospice)</li> </ul>	2013-2017
<ul style="list-style-type: none"> <li>Peer reviewer for scholarly works in progress for presentation at annual assembly</li> </ul>	2025
<ul style="list-style-type: none"> <li>Early career and professionals in training reviewer for abstracts submitted for presentation</li> </ul>	2025
<ul style="list-style-type: none"> <li>Peer reviewer for the 2026 Annual Assembly of Hospice and Palliative Care scientific research abstracts</li> </ul>	2026
Member, Infectious Diseases Society of America	2016-2017
Member, Society for Simulation in Healthcare	2006-2017
Member, European Society of Intensive Care Medicine	2006-present
Member, Wilderness Medical Society	2001-2011
Member, American College of Physician Executives	1998-2015
Member, National Association of Inpatient Physicians	1997-2015
Member, Massachusetts Medical Society	1997-present
American College of Chest Physicians	1992-present
<ul style="list-style-type: none"> <li>Abstract reviewer and moderator of presentations at the national meeting</li> </ul>	2009-present
<ul style="list-style-type: none"> <li>Membership Committee</li> </ul>	2013-2017

<ul style="list-style-type: none"> <li>Moderator: "Critical Care Student/Resident Case Report 1" Annual 2013 Chest Conference</li> </ul>	2013
<ul style="list-style-type: none"> <li>Moderator, "Critical Care Student/Resident Case Report 1" Annual 2012 Chest Conference,</li> </ul>	2012
<ul style="list-style-type: none"> <li>Fellow</li> </ul>	1994
Member, American Society of Parenteral and Enteral Nutrition	1991-2016
Society for Critical Care Medicine	1987-present
<ul style="list-style-type: none"> <li>Fellow</li> </ul>	2017
<ul style="list-style-type: none"> <li>Abstract reviewer and moderator of presentations at the national meetings</li> </ul>	2009-present
<ul style="list-style-type: none"> <li>Professor Rounds Poster Session, Annual Congress, Honolulu, HI</li> <li>Professor Rounds Poster Session, Annual Congress, Orlando, FL</li> <li>Professor Rounds Poster Session, Annual Congress, Phoenix, AZ</li> </ul>	2017 2016 2015
<ul style="list-style-type: none"> <li>Critical Care Medicine Neuromuscular Blockade (NMBA) Guidelines Review, Writing Committee</li> </ul>	2008-2015 1997-2000
Member, Society of Hospital Medicine	2003 - 2016
Developed "Not Just for Intensivists: State of the Art Approaches to Critical Care" Three-day course for critical care and emergency medicine attendings, hospitalists and their support professionals on topics relating to caring for the critically ill, Newport, RI	2009
Member, Shock Society	1994-2008
<b>Editor</b> The Clinical Guide to Oncology Nutrition, The American Dietetic Association	2000

### Editorial Responsibilities

Society of Critical Care Medicine, Ad hoc Reviewer	2021
Journal of Intensive Care Medicine, Ad hoc Reviewer	2021
Journal Renal Failure, Ad hoc Reviewer	2020
Quick Guide to Cardiopulmonary Care 4 <sup>th</sup> Edition (eds. McGee WT, Michard F) Edwards Critical Care Education. Edwards LifeSciences, LLC Irvine, CA. Published in nine Languages, Editor	2018
Annals of Internal Medicine, Ad hoc Reviewer	2017
Journal of Medicine Imaging and Health Informatics, Ad hoc Reviewer	2016
Heart and Vessels, Ad hoc Reviewer	2016
Journal of Palliative Care, Ad hoc Reviewer	2015-
Quick Guide to Cardiopulmonary Care. 3 <sup>rd</sup> Edition. (McGee WT, Headley J, Frazier, JA). Edwards Critical Care Education. Edwards LifeSciences, LLC Irvine, CA. Published in nine languages, Editor	2013
Journal of Clinical Apheresis, Ad hoc Reviewer	2012
Future Drugs, Ltd, Ad hoc Reviewer	2012
American Journal of Critical Care, Case reports, Ad hoc Reviewer	2012
World Journal of Critical Care Medicine (WJCCM), Editorial Board	2011
Organization for Advancing Critical Care Monitoring (OACCM), founding Board of Overseers	2011-

Anesthesiology Research and Practice, Ad hoc Reviewer	2011
Intensive Care Medicine, Ad hoc Reviewer	2010-
International Journal of Critical Illness and Injury Science, Founding Board of Editors	2010
Annals of Cardiac Anesthesia, Ad hoc Reviewer	2009-
Critical Care, Ad hoc Reviewer	2009-
BMC Anesthesiology, Ad hoc Reviewer	2009
Critical Care Medicine, Ad hoc Reviewer	2009-
Mycopathologia, Ad hoc Reviewer	2009
Verimed Healthcare, Ad hoc Reviewer	2009
Quick Guide to Cardiopulmonary Care 2nd Edition (eds. McGee WT, Headley J, Frazier JA) Edwards Critical Care Education. Edwards LifeSciences, LLC, Irvine, CA. Published in nine languages, Editor.	2009
Hospital Physician, Ad hoc Reviewer	2008
<b>External Professional Service</b>	
Society of Critical Care Medicine in conjunction with the American Society Hospital	2008-2015
Pharmacists Neuromuscular Blockade (NMBA) Guidelines Review, Writing Committee	1997-2000
Testing new web-based self-evaluation knowledge model for American Board of Internal Medicine, Critical Care. Beta testing for the ABIM of web based training of Critical Care Competencies	2009
Project: DLR Project Management Organizations on behalf of the Federal Ministry for Education and Research, Bonn, Germany “Defining the optimal goals for central and mixed venous oxygen saturation during hemodynamic optimization in high-risk cardiac surgery patients”, Grant Reviewer, German Clinical Trials Program	2008
Editor and author, U.S. National Library of Medicine and National Institute of health <a href="http://www.nlm.nih.gov/medlineplus">www.nlm.nih.gov/medlineplus</a> - Food and Nutrition (multiple topics)	2007
Discover Magazine, Encounters in Microbiology: Contributor to encounters in microbiology “Vital Signs”, November 16.	2006
Future Science Group, Expert review of medical devices, London, UK, Vol.3(4)	2006
Peer-review for online educational resource, FloTrac Sensor and Vigileo: Easy, accurate, reliable cardiac output assessment using the arterial pulse wave, Edwards LifeSciences ( <a href="http://www.edwards.com/products/noninvasive/flotrimages">www.edwards.com/products/noninvasive/flotrimages</a> ) Provided review and content for this online educational resource for Edwards Life Sciences, the largest manufacturer of hemodynamic monitoring equipment worldwide.	2005