

CURRICULUM VITAE

Lee H. Schwamm, MD

Version date: February 2024

Education:

1982 -- 1985 BA, Philosophy, Harvard College, Cambridge, MA
1987 -- 1991 MD, Harvard Medical School, Boston, MA

Career/Academic Appointments:

1991 -- 1992 Intern, Internal Medicine, Beth Israel Hospital, and Clinical Fellow in Medicine, Harvard Medical School, Boston, MA
1992 -- 1995 Resident, Neurology, Massachusetts General Hospital and Clinical Fellow in Neurology, Harvard Medical School, Boston, MA
1994 -- 1995 Chief Resident, Neurology, Massachusetts General Hospital, Boston, MA
1995 -- 1996 Critical Care Fellow, Gray Surgical & Respiratory and Neurocritical Care Units, Massachusetts General Hospital, Boston, MA
1996 -- 1998 Instructor in Neurology, Harvard Medical School, Boston, MA
1997 -- 2014 Member, Affiliated Faculty, Harvard-MIT Division of Health Sciences and Technology, Cambridge, MA
1998 -- 2002 Assistant Professor of Neurology, Harvard Medical School, Boston, MA
2002 -- 2008 Scholar, the Academy, Harvard Medical School, Boston, MA
2002 -- 2009 Associate Professor of Neurology, Harvard Medical School, Boston, MA
2009 -- 2023 Professor of Neurology, Harvard Medical School, Boston, MA
2011 -- 2023 C. Miller Fisher Endowed Chair in Vascular Neurology, MGH, Boston, MA
2023 -- Present Professor of Bioinformatics and Data Sciences, Yale School of Medicine, New Haven, CT
2024 -- Present Professor of Neurology, Yale School of Medicine, New Haven, CT

Administrative Positions:

1995 -- 1995 Clinical Assistant in Neurology, Massachusetts General Hospital, Boston, MA
1996 -- 1999 Assistant in Neurology, Massachusetts General Hospital, Boston, MA
1996 -- 2008 Associate Neurologist, Brigham and Women's Hospital, Boston, MA
1996 -- 1996 Assistant Neurologist, McLean Hospital, Belmont, MA
1996 -- 1999 Graduate Assistant in Emergency Medicine, Massachusetts General Hospital, Boston, MA
1997 -- 2000 Associate Program Director, Clinical Research Center, Massachusetts Institute of Technology
2000 -- 2002 Director, National Stroke Program, Center for Integration of Medicine and Innovative Technology (CIMIT), Massachusetts General Hospital
1999 -- 2004 Associate Director, Acute Stroke Service, Massachusetts General Hospital
1999 -- 2003 Assistant Neurologist, Massachusetts General Hospital, Boston, MA
2003 -- 2009 Associate Neurologist, Massachusetts General Hospital, Boston, MA
2007 -- 2012 Vice Chairman, Department of Neurology, Massachusetts General Hospital, Boston, MA
2009 -- 2023 Neurologist, Massachusetts General Hospital, Boston, MA
2011 -- 2023 Founder and Director, Center for TeleHealth, Massachusetts General Hospital, Boston
2012 -- 2021 Executive Vice Chairman, Dept of Neurology, Massachusetts General Hospital, Boston, MA
2015 -- 2020 Director, Center for Health Outcomes, Innovation and Care Evaluation (CHOICE), Massachusetts General Hospital, Boston, MA
2017 -- 2020 Director, Comprehensive Stroke Center, Massachusetts General Hospital, Boston
2017 -- 2023 Co-Chair Partners Telehealth Coordinating Committee
2020 -- 2020 Vice President, Digital Patient Experience, Mass General Brigham Health System, Boston MA
2000 -- 2002 Director, National Stroke Program, Center for Integration of Medicine and Innovative Technology (CIMIT), Massachusetts General Hospital
2004 -- 2012 Director, Acute Stroke Services, Massachusetts General Hospital
2004 -- 2012 Director, Acute Stroke Quality Taskforce, Massachusetts General Hospital

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2005 -- 2012	Site Director, MGH/Partners TeleStroke Center, Massachusetts General Hospital
2005 -- 2019	Director, Partners TeleStroke Center and National TeleStroke Network, Partners Healthcare
2007 -- 2014	Director, Neurology Quality Leaders, Partners Healthcare System
2007 -- 2011	Director, Partners Stroke Service, Partners Healthcare System
2007 -- 2012	Vice Chairman, Department of Neurology, Massachusetts General Hospital, Boston, MA
2011 -- 2023	Founder and Director, Center for TeleHealth, Massachusetts General Hospital, Boston
2013 -- 2016	Director, Deane Institute, Massachusetts General Hospital
2013 -- 2016	Co-Chair, Neurology Search Committee, Massachusetts General Hospital, Boston, MA
2014 -- 2018	Physician Leader, Systemwide Stroke Care, Division of Quality, Safety and Value, Partners Healthcare System
2014 -- 2019	Co-Chair, Innovation Council, Partners eCare, Partners Healthcare System
2012 -- 2021	Executive Vice Chairman, Dept of Neurology, Massachusetts General Hospital, Boston, MA
2015 -- 2020	Director, Center for Health Outcomes, Innovation and Care Evaluation (CHOICE), Massachusetts General Hospital, Boston, MA
2017 -- 2020	Director, Comprehensive Stroke Center, Massachusetts General Hospital, Boston, MA
2017 -- 2020	Co-Chair Partners Healthcare Telehealth Coordinating Committee, Boston, MA
2020 -- 2022	Vice President, Digital Patient Experience, Mass General Brigham Health System, Boston, MA
2023 -- 2023	Chief Digital Advisor, Mass General Brigham Health System, Boston, MA
2023 -- Present	Chief Digital Health Officer and Senior Vice President, Yale New Haven Health System
2023 -- Present	Chief Digital Health Officer and Associate Dean, Digital Strategy and Transformation, Yale School of Medicine

Board Certification and Medical Licensure:

1992	National Board of Medical Examiners
1995-2016	Advanced Cardiac Life Support
1995-	Massachusetts Medical License
1995-2004	Advanced Trauma Life Support
1996-	American Board of Psychiatry and Neurology (recertified 2016 now on annual MOC pathway)
1998	Adult and Pediatric Neurosonology, American Society of Neuroimaging
2006-	Neurology Diplomate (Recertified 2016), American Board of Psychiatry and Neurology
2007-	Maine Medical License
2007-2023	New Hampshire Medical License
2008-	Vascular Neurology, American Board of Psychiatry and Neurology (recertified 2016 now on annual MOC pathway)
2008-2018	Neurocritical Care, United Council for Neurologic Subspecialties
2018-	New York Medical License

Professional Honors & Recognition:

International/National/Regional

1985	John Harvard Scholar, Harvard College, Cambridge, MA
1999	Excellence in Workshop Leadership Teaching Award Primary Care Internal Medicine Principles & Practice Conference, Boston, MA
1999	Computerworld Program Laureate for Innovation in Healthcare (Partners Telemedicine), Smithsonian Institution, Washington, D.C.
2000	Excellence in Workshop Leadership Teaching Award Primary Care Internal Medicine Principles & Practice Conference, Boston, MA
2000	Moby Award in Education, Advances in Mobile Technology, Other
2000	Partners in Excellence Award for Innovation and Leadership (Individual), Partners Healthcare System
2002	Volunteer Leadership and Commitment Award, American Heart Association
2002	Partners in Excellence Award for Quality Treatment and Service (Team), Anticoagulation Committee, Partners Healthcare System

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- 2002 Partners in Excellence Award for Innovation and Leadership (Team Leader), TeleStroke Program, Partners Healthcare System
- 2002 Volunteer of the Year, American Heart Association Northeast Affiliate
- 2002 Volunteer Leadership and Commitment, Operation Stroke Chairperson, American Heart Association Northeast Affiliate
- 2005 Selected for inaugural MGPO Physician Leadership Development Course, Mass General Hospital
- 2005 Partners in Excellence Award for Leadership and Innovation (Team Leader), Warfarin Dose Adjuster, Partners Healthcare System
- 2005 Partners in Excellence Award for Teamwork (Team Leader), Acute Stroke Quality Taskforce, Partners Healthcare System
- 2005 Partners in Excellence Award for Leadership and Innovation (Team Leader) TeleStroke, Partners Healthcare System
- 2005 Partners in Excellence Award for Teamwork, (Team Leader), Partners Neurology Stroke Network Team, Partners Healthcare System
- 2005 Nesson Award for Innovation, for the development of the Acute Stroke Service Web Portal and Partners TeleStroke Center, Partners Community Healthcare
- 2006 Bowditch Prize for Clinical Innovation, Board of Trustees, Massachusetts General Hospital
- 2006 Partners in Excellence Award, Teamwork (Leader). TeleStroke, Partners Healthcare Systems
- 2007 Excellence in Improving Cardiovascular Health Systems, American Heart Association Northeast Affiliate
- 2008 Partners in Excellence Award for Outstanding Performance and Commitment to Excellence, (Team Leader). Blake 12 Inpatient Stroke, Partners Healthcare Systems
- 2009 C. Miller Fisher Award, American Heart Association, Northeast Affiliate
- 2011 Community Choice Award for Excellence and Innovation in Sharing Knowledge, Quantia MD
- 2011 Abstract Selected as among the Top 10 Percent of the Accepted Abstracts, American Heart Association Specialty Conferences
- 2012 Recipient, “Leader in the Field Award” at Cerebrovascular Special Interest Symposium, American Neurological Association
- 2012 Silversides Visiting Professor, University of Toronto
- 2013 Best of AHA Specialty Conferences Award (Author), for 2 individual abstracts
- 2013 Recipient, “Appreciation for dedicated service” as a Member of the Telemedicine Working Group, American Academy of Neurology
- 2014 Finalist, Nathaniel Bowditch Award in recognition of significant contributions to improving quality of care while reducing costs, Massachusetts General Hospital
- 2014 Annual “Semester Lecturer”, Charite Hospital, Berlin
- 2015 Recipient, Clinical Research Forum’s Top 10 Research Achievements for 2015
- 2015 Establishment of the Schwamm-Marriott Endowed Fellowship in Clinical Care Research, supported by a philanthropic gift from the Marriott Foundation
- 2016 Recipient, Samuel Their Award for Leadership, Partners Healthcare System
- 2017 Recipient, Stroke Council Award and Lecturer, American Heart Association. Scientific Sessions 2017, Dallas TX
- 2018 John T. Potts, Jr. MD Faculty Mentoring Award: Mentor with Distinction
- 2019 Raymond D Adams Mentor Award for Mentorship in Clinical Expertise and Innovation: Department of Neurology, Massachusetts General Hospital
- 2020 Leadership Legacy Award, American Heart Association Eastern States. This award recognizes individual leadership with the AHA that has extended over a significant period which resulted in identifiable contributions to the advancement of the mission at affiliate level
- 2021 Bowditch Prize for Clinical Innovation, Board of Trustees, in recognition of significant contributions to improving quality of care while reducing costs, Massachusetts General Hospital
- 2022 Gold Heart Award, the American Heart Association’s highest volunteer honor, for accelerating our adoption of “digital first” strategies that prioritize health equity, especially in stroke and telehealth-enabled approaches to care
- 2023 Paul Dudley White Award, American Heart Association. The award recognizes a Massachusetts physician who symbolizes the integrity and values of the AHA as evidenced by distinguished contribution of lasting

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and continuing nature to building healthier lives, free of cardiovascular disease and stroke: by volunteer service to the AHA at a division, affiliate, regional or national level and through scientific contributions to the field of cardiovascular or cerebrovascular medicine of clinical care, scientific research, teaching and/or mentoring.

Grant/Clinical Trials History:

Current Grants

Agency: NIH/NIAID
ID#: U24NS107243 (Schwamm, PD/PI)
Title: New England Regional Coordinating Center for the NINDS Stroke Trials Network
PI: Lee Schwamm, MD
Percent effort: 1.2 CM
Total costs: \$1,769,708
Project period: 08/01/2018-07/31/2023

Agency: PCORI
ID: R-1609-35995
Title: Comparative Effectiveness of Early Integrated Telehealth Versus In-Person Palliative Care for Patients with Advanced Lung Cancer
PI: Temel J, Greer J. Role: Co-Investigator
Percent Effort: 0.30 CM
Total Costs: \$11,108,640
Project Period: 12/01/17- 12/31/24

Agency: NIH
ID: R01AG062770
Title: Antiplatelet in Stroke: Safety and Effectiveness in Seniors (ASSESS)
PI: Xian Y. Role: Co-Investigator
Percent Effort: 1.2 CM
Total Costs: \$2,392,747
Project Period: 04/01/19 - 01/31/24

Agency: Harvard Medical Institutions Risk Management Foundation
ID: 2020A019334
Title: Advancing Digital & Virtual Opportunities for Care Access Translates to Equity
PI: Schwamm
Percent Effort: 1.2 CM
Total Costs: \$991,858
Project Period: 07/01/2021 – 02/29/2024

Agency: NIA
ID: 5R01AG073410-02
Title: Comparative Safety of Seizure Prophylaxis within the Medicare Program
PI: Moura L. Role: Co-Investigator
Percent Effort: (pending subcontract)
Total Costs: \$3,303,614;
Project Period: 09/30/2021 – 05/31/2026

Pending Grant:

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Agency: PCORI
ID: 26346-B
Title: A comparison of chronic eye disease management using telehealth hybrid versus in-person visits
PI: Friedman D. Role: Co-Investigator
Percent Effort: 0.6 CM
Total Costs:
Project Period:

Agency: NIH
ID: 1 R01 AG079887-01A1
Title: Addressing racial/ethnic disparities in stroke care access using hospital transfer networks
PI: Zachrison K. Role: Co-Investigator
Percent Effort: 1.50 CM
Total Costs: \$3,722,208
Project Period:

Past Grants

1994 Center for Imaging and Pharmaceutical Research, Massachusetts General Hospital: PI (Eng Lo); MR diffusion abnormalities and novel neuroprotective agents in a suture occlusion model of focal ischemia in the rat; Competitively Awarded Institutional Funding; Role: Laboratory Investigator

1997-2002 National Institutes of Health, National Center for Research Resources: PI (Martha Gray); General Clinical Research Center at Massachusetts Institute of Technology; Grant Type: Cooperative Agreement; Role: Associate Program Director

1997-1999 Partners Telemedicine Center: PI (**Schwamm**/clinical research), Emergency Evaluation of Patients with Acute Stroke for Thrombolytic Therapy via Remote Telemedicine Consultation; Grant Type: Competitively Awarded Institutional Funding.

1998-2000 Department of Defense, Center for Integration of Medicine and Innovative Technology: PI (**Schwamm**/clinical research); Monitoring Cerebral Ischemia using Continuous Oximetry of Cerebral Venous Drainage via Jugular Bulb Catheterization; Grant Type: Competitively Awarded Institutional Funding

1998-2001 Harvard Medical School: PI (**Schwamm**/education); WEB-MED: Web-Enabled Bidirectional Medical Education Device; Grant Type: Competitively Awarded Institutional Funding

1999-2001 Center for Integration of Medicine and Innovative Technology: PI (**Schwamm**/clinical application); Remote Stroke Videoconferencing Project; Grant Type: Competitively Awarded Institutional Funding

1999-2002 Dana Foundation: PI (**Bizzi**/clinical research); Learning by Imitation: motor learning in stroke patients. A study of augmented physical therapy in a computer-generated, virtual-reality, training environment; Role: MGH PI. Grant Type: Competitively Awarded Foundation Funding

2000-2002 Center for Integration of Medicine and Innovative Technology, International: PI (**Schwamm**/clinical application); International TeleStroke Collaborative, King Faisal Specialist Hospital Jeddah, Saudi Arabia; Grant Type: Competitively Awarded Institutional Funding

2000-2003 Aetna Foundation: PI (**Schwamm**/clinical research); WEB-THINRR: Web-Enabled Bidirectional Therapeutics for Human INR Regulation; Grant Type: Competitively Awarded Foundation Funding

2001-2003 Harvard Medical School: PI (**Schwamm**/education); WEB-MED2: Core Curriculum Development; Grant Type: Competitively Awarded Institutional Funding

2001-2004 National Institutes of Health: PI (**Bizzi**/clinical research); Telerehabilitation for Motor Retraining in Patients with Stroke; Grant Type: R01; Role: Co-PI.

2001-2004 Centers for Disease Control & Prevention: PI (**LaBresh**/clinical research); Paul Coverdell National Acute Stroke Registry Pilot; Grant Type: Cooperative Agreement; Role: Co-PI.

2002-2008 National Institutes of Health, National Center for Research Resources: PI (Peter Slavin); General Clinical Research Center at Massachusetts General Hospital-Massachusetts Institute of Technology; Grant Type: Cooperative Agreement; Role: Assistant Program Director

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- 2003-2004 Harvard University: PI (**Schwamm**/education); WEB-MED3: Core Curriculum Development; Grant Type: Competitively Awarded Institutional Funding “Provost Innovation Fund”
- 2006-2008 Partners Healthcare Information Systems Research Council: PI (**Schwamm**/clinical application); Stroke Patient Specific Quality Dashboard; Grant Type: Competitively Awarded Institutional Funding
- 2007-2010 Centers for Disease Control & Prevention: PI (**Schwamm**/education); Grant Type: Conference Development Grant. This grant funds the Northeast Cerebrovascular Consortium, an 8 state consortium I founded to improve stroke care across the Northeast
- 2006-2010 National Institutes of Health, National Institute of Neurologic Diseases and Stroke: PI (Broderick/clinical research); Interventional Management of Stroke-III; Grant Type: R01; Role: Site-PI
- 2006-2010 National Institutes of Health, National Institute of Neurologic Diseases and Stroke, Specialized Program of Translational Research in Acute Stroke (SPOTRIAS): PI (Koroshetz; Furie/clinical research); Multicenter acute stroke study evaluating the safety and efficacy of hyperoxia, the utility of CTP in predicting outcome, and predictive power of blood markers of oxidative stress; Grant Type: Program Project; Role: Other Significant Personnel
- 2007-2013 National Institutes of Health, National Institute of Neurologic Diseases and Stroke: PI (Kidwell/clinical research); Mechanical Retrieval and Recanalization of Stroke Clots Using Embolectomy (MR RESCUE); Grant Type: R01; Role: Site-PI
- 2008-2013 National Institutes of Health, National Center for Research Resources; Clinical and Translational Science Awards (CTSA): PI (L. Nadler); Harvard Clinical and Translational Science Center at Massachusetts Institute of Technology; Grant Type: Cooperative Agreement; Role: Other Personnel
- 2009-2010 Health and Human Services, Health Resources and Services Administration (HRSA): PI (Schwamm); Stroke and Traumatic Brain Injury Telehealth Services: An environmental scan to assess the adoption of telehealth programs for management of brain trauma and stroke across the US; Grant Type: Contract; Role: PI
- 2010-2012 Duke Clinical Research Center/Agency for Healthcare Research And Quality: Centers for Education and Research on Therapeutics (CERTs) Research Center on cardiovascular disease (PI: Peterson); Evaluation of hospital level factors associated with top 10% of US hospitals delivering intravenous thrombolysis within 60 minutes of hospital arrival in GWTG-Stroke registry. Role: Co-investigator
- 2011-2012 National Institute of Biomedical Imaging and Bioengineering, National Institute of Health, U-of-C Point-of-Care Center (“POC-CENT”): Electrical Impedance Spectroscopy - Technical Development and Clinical Feasibility Trial (PI: Lev) U54-EB007954 Our goal is to develop, validate and ultimately commercialize a portable “EKG for the brain” that can provide rapid point-of-care detection, assessment, and monitoring of acute stroke and other forms of acute brain injury. Role: Co-Investigator
- 2011-2012 University of Illinois at Chicago: Evaluating the Efficacy and Safety of Desmoteplase in Subjects with Acute Ischemic Stroke. The major goals of this project are to test the idea that regional organization of hospitals into a hub and spoke network can substantially increase enrollment into third party clinical trials. The PI will support the MGH Hub and coordinate his efforts with the spokes in the Northeast region. Role: Co-investigator
- 2011-2013 National Institute of Neurological Disorders and Stroke. Indo-US Collaborative Stroke Registry and Infrastructure Development R21NS077442 (PI: Singhal) The major goal if this project is to develop a parallel user-driven web-based registry for stroke patients in 5 high-volume centers in India. This platform will enable researchers in both countries to share and compare multi-ethnic data, and accelerate the pace of stroke clinical, genetic, and imaging research around the world. Role: Co-Investigator
- 2011-2016 NIH/NINDS. Specialized Program of Translational Research in Acute Stroke (SPOTRIAS) P50 NS051343 (Greenberg, PI). SPOTRIAS is a multicenter acute stroke network comprised of specific trials and project infrastructure cores. The two MGH studies are evaluating the safety of extended window, MR-selected IV thrombolysis (project 1) and the role of Rho kinase inhibition in limiting infarct growth (project 2) Role: Co-PI, Project #1; PI of the Access Core

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- 2011-2018 NIH-NINDS. 5U01NS077179-02 (Cudkowicz, PI). Clinical Coordinating Center for the Network for Excellence in Neuroscience Clinical Trials (NeuroNEXT) The long-term objective of the NeuroNEXT Clinical Trials Network initiative is to rapidly and efficiently translate advances in neuroscience into treatments for people with neurological disorders.
Role: Co-Investigator, TeleHealth Advisor
- 2013-2016 PCORI . Patient-centered Research into Outcomes Stroke patients Prefer and Effectiveness Research (PROSPER) CE-1304-7073 (Hernandez, PI). The goal is to address gaps in the range of clinical outcomes that may be experienced by stroke survivors.
Role: Site PD/PI
- 2014-2018 PCORI. Improving care transitions for acute stroke patients through a patient centered home based case management. IHS-1310-07420 (Reeves, PI). The major goals of this grant are to assemble relevant stroke stakeholders to identify needs and barriers to improving transitions of care after stroke hospitalization, and to test two different interventions against usual care among 480 acute stroke patients in a pragmatic randomized, open clinical trial.
Role: Consultant
- 2013-2018 NIH-NINDS. U10 NS086729 (Schwamm, PD/PI) New England Regional Coordinating Center for the NINDS Stroke Trials Network. This is an integrated team of hospitals and EMS agencies in Boston and Western Massachusetts that will develop new translational science and successfully execute the NINDS Stroke Trials Network Phase 1,2 and 3 studies.
Role: PD/PI
- 2015-2018 Patient Centered Outcomes Research Institute. CDRN-1306-04608 (Mandl, PI – Harvard) Scalable Collaborative Infrastructure for a Learning Healthcare System (SCILHS)
The major goal of this project is to create a national-scale clinical data research network to support patient centered outcomes research
Role: Co-Investigator
- 2015-2016 Carotid Revascularization for Primary Prevention of Stroke (CREST-2), NINDS, Carotid revascularization for primary prevention of stroke is two, independent multicenter, randomized controlled trials of carotid revascularization and intensive medical management versus medical management alone in patients with asymptomatic high-grade carotid stenosis. Role: Site PI
- 2019-2023 NIH/NINDS. R01NS111952 (Mehrotra, PI). The Impact of Telestroke on Patterns of Care and Long-Term Outcomes. (Effort 1.50 CM, total costs \$2,444,381)
Role: Co-Investigator

Past Clinical Trials

- 1998 Scios, Inc: Site Co-Investigator; Fiblast: Randomized, double-blind trial of basic fibroblast growth factor in acute stroke
- 1995 Upjohn and National Institute of Neurological Disorders and Stroke, NIH: Site Co-Investigator; Randomized Trial of Tirilazad Mesylate in Acute Stroke
- 1996 Parke-Davis, Inc: Site Co-Investigator; Multicenter Study to Evaluate the Safety and Efficacy of Intravenous Fosphenytoin in Patients with Acute Ischemic Stroke
- 1995-1997 Pfizer, Inc: Site PI; Serial Magnetic Resonance Imaging in Stroke Patients (PI): Diffusion and Hemodynamically weighted MR imaging study of conventionally treated acute stroke.
- 1997 Boehringer Ingelheim Pharmaceuticals Inc: Site Co-Investigator; Aptiganel Acute Stroke Trial
- 1998 Leukosite: Site PI; A Study to Assess the Usefulness of Imaging Modalities as Pharmacodynamic Endpoints in Patients with Acute Ischemic Stroke
- 1998-2000 Bristol-Myers Squibb Co: PI (single site study); Safety, Pharmacokinetics and Pharmacodynamics of BMS-204352 in Subjects with Stable Cerebrovascular Disease
- 1998-2000 Ferrer Group: PI (single site study) Citicoline After Stroke Treatment: a randomized double-blind placebo controlled study of the effects of citicoline on cognitive recovery following ischemic stroke
- 2005-2007 Forest Laboratories, Inc: Site PI; Desmoteplase in Acute Ischemic Stroke-2

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2006-2009	CoAxia Inc: National Steering Committee and Site Co-Investigator; Flo24
2007-2009	Bristol-Myers Squibb Co and Duke Clinical Research Institute: National Steering Committee Member and Site PI; Adherence Evaluation after Ischemic Stroke Longitudinal Registry
2009-2012	Medtronic: Tailored Treatment of Permanent Atrial Fibrillation (TTOP-AF); Role: independent expert review of stroke events in this study of catheter ablation for termination of AF.
2009-2013	Lundbeck Inc: Desmoteplase in Acute Stroke (DIAS) 3-4 trials. Role: International Steering Committee Member and Site PI
2014-2017	Medtronic, Inc: VICTORY-AF Steering Committee and REACT-AF Co-Chair Steering Committee
2013-2016	Penumbra, Inc: DSMB member Penumbra 3D Separator Trial
2014-2017	Novo Nordisk: DeVOTE Trial International Steering Committee
2018-2021	Diffusion Pharma DSMB member, PHAST_TSC Trial
2017-2021	German Research Foundation, DSMB B-PROUD trial of mobile stroke units

Ongoing Clinical Trial Related Research Support

2015-	Medtronic, Inc.: National coPI, Stroke AF trial (NCT02700945)
2018-	Genentech Inc: TIMELESS trial international steering committee (NCT03785678)
2018-	Penumbra Inc: DSMB member, MIND trial (NCT03342664)

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated with Yale:

Local Invited Presentations

1. Intracranial Hypertension and Osmotic Therapy: Role of Cerebral Autoregulation. Anesthesia Grand Rounds, Brigham and Women's Hospital, Boston, MA [Invited Lecture] 1996
2. Surgical Treatment of Dystonia. Neurosurgery Department Case Presentation, Massachusetts General Hospital [Invited Presentation] 1996
3. Unusual Vascular Disease: Carotid Artery Dissection in Ehlers-Danlos Type IV, Massachusetts General Hospital. [Invited Lecture] 1997
4. Serial Diffusion and Perfusion MR Imaging in Acute Stroke, Neurology Grand Rounds, Massachusetts General Hospital [Invited Lecture] 1997
5. Clinical Management of Acute Stroke, Massachusetts General Hospital Identifying Ischemia: MR imaging and cerebral oxygenation, Department of Radiology, Massachusetts General Hospital 1997
6. Role of Telemedicine in the management of acute stroke. Health Ministry of India, Partners Telemedicine, Boston, MA [Invited Lecture] 1998
7. Use of Telemedicine and Teleradiology in novel healthcare delivery. French Medical Delegation, Partners Telemedicine, Boston, MA [Invited Lecture] 1998
8. Remote Stroke Videoconferencing Project: Implications for a Public Health system. Visit of HRH Prince Andrew, Duke of York. Partners Telemedicine, Boston, MA [Invited Lecture] 1998
9. Detection of Clinically Significant Vasospasm, Neurosurgery Resident lecture, Massachusetts General Hospital [Invited Lecture] 1999
10. Remote Stroke Management: a paradigm for "Teleneurology", Neurology Grand Rounds, Massachusetts General Hospital [Invited Lecture] 1999
11. Stroke Service 2000: New tools for stroke neurologists, Neurology Grand Rounds, Massachusetts General Hospital [Invited Lecture] 2000
12. Telestroke: A paradigm for Teleneurology, McLean Hospital, Belmont, MA [Invited Lecture] 2000
13. Acute Stroke Diagnosis and Management, Massachusetts General Hospital Telemedicine-enabled acute stroke care. Presentation to a 10-member delegation. Malaysian Ministry of Health, Boston, MA [Invited Lecture] 2001
14. Thrombolytic therapy and Hemicraniectomy in Acute Ischemic Stroke, Massachusetts General Hospital [Invited Lecture] 2002
15. A National Health Care Systems Approach to Acute Stroke Care Delivery. Representatives to the British National Health Service Trust, Hosted by the Harvard Graduate School of Design [Invited Lecture] 2003

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16. Stroke Care in the New Millennium: The end of therapeutic nihilism. Cardiology Grand Rounds. Massachusetts General Hospital [Invited Lecture] 2005
17. Prehospital Treatment of Stroke, Massachusetts General Hospital [Invited Lecture] 2005
18. Spreading the Gospel: Using technology and legislation to improve acute stroke care at the local, state and federal level, Massachusetts General Hospital [Invited Lecture] 2005
19. Anesthesia Grand Rounds, Acute Stroke Update, Massachusetts General Hospital [Invited Lecture] 2005
20. Provider Education and TeleMentoring: New tools to support stroke education for EMS, Emergency Physicians and Allied Health Professionals. Center for Connected Health Annual Conference [Invited Lecture] 2006
21. History of TeleStroke. Center for Connected Health Annual Conference [Invited Lecture] 2006
22. Management and Advanced Treatment for Closed Head Injury Civilian Trauma: Acute Clinical Management- NeuroIntensive care. CIMT- Traumatic Brain Injury Symposium, Boston, MA [Invited Lecture] 2007
23. Traumatic Brain Injury: Miraculous Recoveries and Long-Term Strategies. CIMT- Traumatic Brain Injury Symposium, Boston, MA [Invited Lecture] 2007
24. TeleStroke for Stroke Systems of Care. Center for Connected Health, Harvard Medical School [Invited Lecture] 2007
25. Stroke Update: Leveraging Technology and Policy to Improve Stroke Care Global Clinic 2007
26. Healthcare Management for Physician Executives. Partners International Medical Services [Invited Lecture] 2008
27. MGH Neurology: Past History. TeleStroke and Acute Stroke Services. MGH Bicentennial Celebration, Boston, MA 2011
28. From Hippocrates to “Aspirin please”: The latest developments in stroke treatment and prevention. Phillips Society Luncheon. Massachusetts General Hospital. Boston MA. [Invited Lecture] 2013
29. Current Trends in Acute Stroke Treatment and Prevention. Departments of Medicine and Surgery Grand Rounds. Massachusetts General Hospital Boston MA [Invited Lecture] 2016

Regional

1. Central Nervous System Response to Injury: Lessons from stroke recovery, The Fernald School, Belmont, MA [Invited Lecture] 1995
2. Brain Attack: Strategies in Cerebral Protection. Medical Grand Rounds, Salem Hospital, Salem, MA [Invited Lecture] 1995
3. Anticoagulation in Acute Stroke Management. Medical Grand Rounds, Melrose-Wakefield Hospital, Melrose, MA [Invited Lecture] 1996
4. Controversies in Acute Stroke Management. Medical Grand Rounds, Emerson Hospital, Concord, MA [Invited Lecture] 1996
5. The Need for Prehospital Notification in Acute Stroke Care. Emergency Medical Services Conference, Leonard-Morris Hospital, Natick, MA [Invited Lecture] 1996
6. Emerging Therapy for Acute Stroke, MedFlight Emergency Medical Services, Boston, MA [Invited Lecture] 1996
7. Recognition and Treatment of Acute Stroke Syndromes, Norwood Hospital, Norwood, MA [Invited Lecture] 1997
8. Stroke Syndromes: Management in the Modern Era, Lawrence Memorial Hospital, Medford, MA [Invited Lecture] 1997
9. Thrombolytic Treatment in Acute Stroke, Columbia-MetroWest Hospital, Framingham, MA [Invited Lecture] 1998
10. Treat of Acute Ischemic Stroke: Recent Advances, Deaconess-Nashoba Hospital, Ayer, MA [Invited Lecture] 1998
11. Acute Stroke Management in the Modern Era. Medical Grand Rounds, Malden Hospital, Malden, MA [Invited Lecture] 1998
12. Brain Attack. Current Management of the Critical Care Patient, New England ICU consortium, Boston, MA [Invited Lecture] 1998
13. Thrombolytic Therapy in Acute Ischemic Stroke. MIT Seminars on Aging Successfully, Massachusetts Institute of Technology, Cambridge, MA [Invited Lecture] 1999

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14. New Frontiers in the Treatment of Acute Ischemic Stroke. MIT Seminars on Aging Successfully, MIT [Invited Lecture] 1999
15. Overcoming the barriers to t-PA administration for stroke, Rhode Island Department of Health and Quality Improvement Program Conference, Providence, RI [Invited Lecture] 2002
16. Stroke Care for All: Massachusetts Initiative. 2002 Stroke Awards Luncheon, American Heart Association, Newton, MA [Invited Lecture] 2002
17. Projecting Stroke Expertise into the Community: A regional systems approach to improving acute stroke care, University of Massachusetts Medical Center [Invited Lecture] 2003
18. Improving Acute Stroke Care: Acute Treatment and Secondary Prevention. Brockton Hospital [Invited Lecture] 2004
19. The Politics of Stroke, Massachusetts Neurological Association [Invited Lecture] 2004
20. Extending the Reach of Acute Stroke Expertise: The MGH TeleStroke Program. Massachusetts State Legislative Day. Boston, MA. [Invited Lecture] 2004
21. Extending the Reach of Acute Stroke Expertise, Norwood Hospital [Invited Lecture] 2005
22. Extending the Reach of Acute Stroke Expertise: IV tPA in the community, Tobey Hospital, Wareham, MA [Invited Lecture] 2005
23. Extending the Reach of Acute Stroke Expertise: Implementing Primary Stroke Services in the Community, Nashoba Valley Medical Center [Invited Lecture] 2005
24. Extending the Reach of Acute Stroke Expertise: Implementing Primary Stroke Services in the Community. Franklin Medical Center, Greenfield, MA [Invited Lecture] 2005
25. The Next Step in Stroke Prevention: Establishing Stroke systems of Care, Boston Medical Center, Boston, MA [Invited Lecture] 2005
26. Extending the Reach of Acute Stroke Expertise: Implementing Primary Stroke Services in the Community, Heywood Hospital, Gardner, MA [Invited Lecture] 2005
27. Extending the Reach of Acute Stroke Expertise: The TeleStroke Paradigm, Rhode Island Hospital, Providence, RI [Invited Lecture] 2005
28. Introduction to Stroke Pathophysiology. MA Department of Public Health [Invited Lecture] 2005
29. Understanding the Primary Stroke Service Regulations. Massachusetts Hospital Association [Invited Lecture] 2005
30. Decreasing Door to CT and Door to Needle Times: Overcoming Barriers. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health American Stroke Association, MA [Invited Lecture] 2006
31. Identifying and Overcoming Barriers to Successful IV tPA Delivery. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health American Stroke Association, MA [Invited Lecture] 2006
32. State of the State Stroke Update, 2006 Making the Stroke Connection, Stroke Awareness Awards Luncheon, American Stroke Association [Invited Lecture] 2006
33. Guidelines for Prevention of Stroke in Patients with Ischemic Stroke or Transient Ischemic Attack from the Stroke Council of the AHA Making the Stroke Connection, Stroke Awareness Awards Luncheon, American Stroke Association [Invited Lecture] 2006
34. Implementation of a Stroke Systems of Care Model in Massachusetts and the Northeast, Miriam Hospital, Providence, RI [Invited Named Lecture] 2006
35. TeleStroke for Clinical Trials. MGH TeleStroke Grand Rounds. Broadcast to all 17 affiliated TeleStroke Hospitals. [Invited Lecture] 2007
36. Regional implementation of acute stroke care. Elliot Hospital, Elliot, NH [Invited Lecture] 2007
37. From Feasibility to Statewide Implementation: TeleStroke. 2007
38. Northeast Telehealth Resource Center and Maine Telemedicine Seminar [Keynote Lecture] 2007
39. Stroke Care in Maine, Maine Department of Public Health and Healthy Maine Partnerships [Keynote Lecture] 2007
40. Stroke Coding Issues. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health and American Stroke Association, MA [Invited Lecture] 2008

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41. Your Stroke Report Card: Public reporting of stroke care quality in Massachusetts. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health and American Stroke Association, MA [Invited Lecture] 2008
42. Science Plenary: tPA beyond 3 hours. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health American Stroke Association, MA [Invited Lecture] 2008
43. An update to changes in the Patient Management Tool and coding instructions for the Get With the Guidelines-Stroke program. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health American Stroke Association, MA [Invited Lecture] 2009
44. Extending the tPA Window: Treatment beyond 3 hours. MGH TeleStroke Grand Rounds. Broadcast to all 17 affiliated TeleStroke Hospitals. [Invited Lecture] 2009
45. Impact of Gender and Race on Stroke Care Quality: An analysis of the Get with the Guidelines – Stroke database. Boston University Medical Center Neurology Grand Rounds [Invited Lecture] 2009
46. Update to the Patient Management Tool: Stroke Data Quality Improvement. Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health American Stroke Association, MA [Invited Lecture] 2009
47. Expansion for tPA Time Window: What are the implications? Stroke Collaborative Reaching for Excellence (SCORE). MA Department of Public Health American Stroke Association, MA [Invited Lecture] 2009
48. Acute Stroke Care: Management challenges of the inpatient stroke. Cambridge Hospital Neurology Grand Rounds. Cambridge MA. [Invited Lecture] 2010
49. Interfacility Transport of Stroke Post Thrombolytic Therapy. Boston MedFlight Crew Lecture Series in Hanscom Air Force Base, MA [Invited Lecture] 2010
50. Telestroke: The High Seas of Acute Stroke Care. Neuroscience Grand Rounds at Tufts Medical Center, Boston MA [Invited Lecture] 2011
51. Data Jeopardy. Stroke Collaborative Reaching for Excellence (SCORE) Learning Session #24 MA Department of Public Health, American Stroke Association, Westborough, MA [Invited Lecture] 2011
52. Improving Acute Stroke Care Delivery: Door to Needle Times. National Institute of Health, Specialized Program of Translational Research in Acute Stroke (SPOTRIAS) Webinar Series [Invited Webinar] 2012
53. Telestroke. Neurology Grand Rounds at State University of New York (SUNY) Downstate, Brooklyn, NY [Invited Lecture] 2012
54. Selecting the right patient for thrombolysis: where do we stand? 8th Annual Summit. The NorthEast Cerebrovascular Consortium (NECC). Boston, MA [Invited Lecture] 2012
55. Hospital Tiering to Improve Care. Stroke Systems of Care Learning Session. MA Department of Public Health. Westborough, MA. [Invited Lecture] 2012
56. From Bitstream to Mainstream: Transforming TeleStroke from Disruptive Innovation to Sustainable Practice. 10th Annual Center for Connected Health Symposium: Collaborations and Innovations to Engage Patients and Elevate Care. Boston, MA [Moderator] 2013
57. Redesigning & Integrating Patient Care, Heart Center 5 Best Practice Forum, Corrigan and Minehan Heart Center – Department of Cardiology, Massachusetts General Hospital. Boston, MA 2013
58. Integrating the Latest Data and Guidelines into Practice: How to Reorganize Care to Get the Right Patient to the Right Place Right Away. Paul Coverdell Registry Collaborative, MA DPH. Framingham, MA [Invited Lecture] 2015
59. IV Alteplase in MR-Selected Patients With Stroke of Unknown Onset is Safe and Feasible: Results of the Multicenter MR WITNESS Trial (NCT01282242). 10th Annual Summit. The NorthEast Cerebrovascular Consortium (NECC). Newport RI [Invited Lecture] 2016
60. From Telestroke to Telehealth - A COVID-Catalyzed Reaction. 16th Annual Summit. The NorthEast Cerebrovascular Consortium (NECC) Educational Summit. (Virtual conference) [Invited Lecture] 2017
61. The Communicable Nature of Non-Communicable Diseases: Telehealth as Antidote? Grand Rounds, Boston University Medical Center, Boston MA [Invited Lecture] 2017
62. Policy Forum on Stroke Awareness. Mass Association of Health Plans. (Virtual conference) [Invited Panelist] 2021
63. Using Get With The Guidelines-Stroke: How Data Changed Our Practice. University of Kentucky HealthCare/Norton Healthcare - Stroke Care Network Conference 2022. (Hybrid conference) [Invited Keynote Lecture] 2022

National

1. Hemodynamic Manipulation in the Neurocritical Care Unit., Critical Care Workshop of the 49th Annual Meeting of the American Academy of Neurology, Boston, MA. [Invited Lecture]. 1996
2. MR Imaging in Stroke, Annual Meeting, American Society of Neuroimaging, Orlando, FL [Invited Lecture]. 1997
3. Serial Diffusion and Perfusion MR Imaging in Acute Stroke, Society for Neuroscience, 26th Annual Meeting, Washington, DC [Invited Lecture] 1998
4. Surgery of the carotid artery: Indications and Techniques. Clinical manifestations and patient selection, Clinical Case Workshop, Congress of Neurological Surgeons, Boston, MA [Invited Lecture] 1999
5. Critical care, initial evaluation and management of the acute stroke patient. Annual Meeting Congress of Neurological Surgeons, Boston, MA [Invited Lecture] 1999
6. Role of Telemedicine in Acute Stroke. 5th Annual Meeting, American Telemedicine Association, Phoenix, AZ [Invited Lecture] 2000
7. Remote Stroke Management: Feasibility and Utility. 25th Annual International Stroke Conference. American Stroke Association, New Orleans, LA [Invited Lecture] 2000
8. Management of Acute Stroke, American Academy of Neurology, Philadelphia, PA [Invited Lecture] 2001
9. WEBTHINNER: Web-Enabled Bi-Directional Human INR Regulation. Academic Medicine and Managed Care, Arlington, VA [Invited Lecture] 2001
10. Introduction to Stroke Pathophysiology. Food and Drug Administration, Washington, DC [Invited Lecture] 2003
11. Acute Stroke Therapy and Implications for Acute Stroke Trial Design, Food and Drug Administration, Washington, DC [Invited Lecture] 2003
12. Projecting Stroke expertise into the Community: A regional systems approach to improving acute stroke care. Neurology Grand Round, Rush Medical College, Chicago, IL [Invited Lecture] 2004
13. Stroke Registries: Moving from Pilot Data to Ongoing Quality Improvement. Centers for Disease Control and Prevention, Atlanta, GA [Invited Lecture] 2004
14. The Primary Stroke Service Licensure Program in Massachusetts: A State Model for Change, National Stroke Association, Phoenix, AZ [Invited Lecture] 2005
15. Implementation of TeleStroke in a Hub and Spoke model. Swedish Medical Center and the Swedish Foundation. Seattle WA. [Invited Lecture] 2005
16. Moving from Feasibility to Clinical Equipoise: How to Test the Value of TeleStroke. 30th Annual International Stroke Conference, American Stroke Association, New Orleans, LA [Invited Lecture] 2005
17. Get with the Guidelines-Stroke: Initial Findings. American Heart Association National Broadcast Webinar. [Invited Lecture] 2006
18. Secrets to improving vascular outcomes at your hospital: Lessons learned from 3 major stroke quality improvement registries. Quality of Care and Outcomes Annual Meeting, American Heart Association, Washington DC [Invited Lecture] 2006
19. Telemedicine for Stroke Systems of Care. National Stroke Association, National Broadcast Webinar. [Invited Lecture] 2006
20. Overview of the Stroke Systems of Care Model. Inaugural Meeting of The NorthEast Cerebrovascular Consortium: Envisioning an Integrated, Multi-State, Regional Stroke System of Care: Designing the Blueprint, Boston, MA [Invited Lecture] 2006
21. TeleStroke for Rural Initiatives. Inaugural Meeting of the NorthEast Cerebrovascular Consortium: Envisioning an Integrated, Multi-State, Regional Stroke System of Care: Designing the Blueprint, Boston, MA [Invited Lecture] 2006
22. Get With The Guidelines-Stroke Produces Sustainable Improvements in Hospital-Based Acute Stroke Care. Annual International Stroke Conference, American Stroke Association, Kissimmee, FL [Invited Lecture] 2006
23. Neurocritical Care for Ischemic Stroke, American Academy of Neurology Annual Meeting [Invited Lecture] 2007
24. Implications for Stroke Systems of Care Implementations. 2nd Annual Summit of the North East Cerebrovascular Consortium: Collaborative Data Collection and Quality Improvement: Accelerating Implementation of Individual State-Based Stroke Systems of Care. New York, NY [Invited Lecture] 2007

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25. Overview of the Stroke Systems of Care Model. 2nd Annual Summit of the North East Cerebrovascular Consortium: Collaborative Data Collection and Quality Improvement: Accelerating Implementation of Individual State-Based Stroke Systems of Care. New York, NY [Invited Lecture] 2007
26. Prevention of In-hospital Complications after Stroke. Annual International Stroke Conference, American Stroke Association, San Francisco, CA [Invited Lecture] 2007
27. How Potential Stroke Therapies Become Accepted and Widely Used: A Tribute to Larry Brass Conference: How Measuring Quality Changes Stroke Care, Annual International Stroke Conference, American Stroke Association, San Francisco, CA [Plenary Presentation] 2007
28. Creating Consensus in Stroke Performance Measurement (SPM): Proceedings of the SPM Consensus Group, American Heart Association/American [Invited Lecture] 2007
29. Impact of Stroke Performance Measures on Acute Stroke Care in the AHA's Get with the Guidelines-Stroke Program, American Heart Association/American Stroke Association [Invited Lecture] 2007
30. Implementation of Telemedicine within Stroke Systems of Care American Heart Association National Broadcast Webinar [Invited Lecture] 2007
31. The Get with the Guidelines Stroke Consensus Measures American Heart Association National Broadcast Webinar [Invited Lecture] 2007
32. Get with the Guidelines Stroke: The latest scientific update from the International Stroke Conference. American Heart Association National Broadcast Webinar [Invited Lecture] 2007
33. The Role of TeleStroke in Acute Stroke Care and Clinical Trials: NIH Specialized Program of Translational Research in Acute Stroke (SPOTRIAS) Network Annual Meeting, NY [Invited Lecture] 2007
34. Telemedicine in Acute Stroke: 4th New York Symposium on Neurological Emergencies & Neurocritical Care [Invited Lecture] 2007
35. Overview of the Stroke Systems of Care Model. The 2nd Annual Summit of The NorthEast Cerebrovascular Consortium (NECC): Collaborative Data Collection and Quality Improvement: Accelerating Implementation of Individual State-Based Stroke Systems of Care, NYC, NY [Invited Lecture] 2007
36. Implications for Stroke Systems of Care Implementations. The 2nd Annual Summit of The NorthEast Cerebrovascular Consortium (NECC): Collaborative Data Collection and Quality Improvement: Accelerating Implementation of Individual State-Based Stroke Systems of Care, NYC, NY [Keynote Lecture] 2007
37. Future Stroke Treatment and Services. Healthtech National Broadcast Webinar. [Invited Lecture] 2008
38. Moving from Feasibility to Clinical Practice: TeleStroke supports a Statewide Stroke Center System. Neurology Grand Rounds, Johns Hopkins Medical Center, Baltimore, MD [Invited Lecture] 2008
39. TeleStroke supports a Statewide Stroke Center System. Implications for Wisconsin. Wisconsin Stroke Committee. Madison, WI [Invited Lecture] 2008
40. Extending Evidence-Based Treatments of Stroke through TeleStroke. Extending Evidence-Based Stroke Care to Oklahoma Community Hospitals, 3rd Annual Statewide Conference, INTEGRIS Health, Oklahoma City, OK [Featured Lecture] 2009
41. Making it Work: Reimbursement, Cost Savings and Benefits of Telemedicine for both Referring and Consulting Teams. Telemedicine and Stroke Care Myths & Barriers Shattered. Missouri Telehealth Network, Columbia, MO [Invited Lecture] 2009
42. Improving acute stroke care through the use of stroke centers and telemedicine. New York Hospital Cornell-Weil Medical College. Neurology Grand Rounds. New York, NY [Invited Lecture] 2009
43. Regionalizing Acute Stroke Care to Specialized Centers: Help or Hype. Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2010 Scientific Sessions. American Heart Association, Washington DC [Plenary Presentation] 2010
44. Stroke Systems of Care. In: Systems of Care: The Latest Breakthrough in Treating Cardiovascular Disease. Scientific Sessions 2010. American Heart Association, Chicago IL [Invited Presentation] 2010
45. Stroke Centers and Regional Systems of Care. In: Acute Stroke Management 2010. Scientific Sessions 2010. American Heart Association, Chicago IL [Invited Presentation] 2010
46. A Decade of Stroke Telemedicine: Cumulative Experience. American Heart Association National Broadcast Webinar [Invited Lecture] 2010
47. Target Stroke: The Imperative to Shorten Door to Needle Time in Acute Stroke. Pacific Mountain Affiliate Stroke Symposium American Heart Association National Broadcast Webinar [Invited Telemedicine Lecture] 2010

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48. Get with the Guidelines-Stroke: An Update on Practice. American Heart Association National Broadcast Webinar [Invited Lecture] 2010
49. Improving Stroke Care Through the Use of Registries. Arkansas Stroke Quality Improvement Collaborative. Arkansas Department of Public Health [Invited Webinar] 2011
50. Evaluation and Treatment Indicators at Ask the Experts Acute Stroke Management Session at AHA's Scientific Sessions in Orlando, FL [Invited Lecture] 2011
51. Translating Evidence into Practice: Improving Door-to-Needle Times in Acute Stroke. AHA's South Carolina Get with the Guidelines Program. South Carolina [Invited Webinar] 2011
52. Time is Brain! Targeting Door to Needle Times for Quality Improvement. Afternoon session. AHA's International Stroke Conference in New Orleans, LA [Invited Lecture] 2012
53. Stenting versus Aggressive Medical Therapy for Intracranial Stenosis- The SAMMPRIS Trial. NeuroNEXT Webinar CoNEXTion. NINDS NeuroNext Clinical Coordinating Center.[Invited National Webinar] 2012
54. Acute Stroke Alert. Leader: Skills Workshop. American Academy of Neurology's 64th Annual Meeting [Invited Interactive Learning Session Leader] 2012
55. MR WITNESS Update. Session 1 Collaborative Project Updates:. SPOTRIAS Investigators Meeting, Cincinnati, OH. [Invited Lecturer] 2012
56. Get With The Guidelines Stroke, Spring Release. GWTG-Stroke. American Heart Association [Invited National Webinar] 2012
57. Using Data to Change Policies and Create New Standards of Care: TeleStroke as a Disruptive Technology & Health Policy. Workshop on the Role of TeleHealth in an Evolving Health Care Environment. Institute of Medicine of the National Academies. Washington DC [Invited Panelist] 2012
58. Measuring and Changing the Quality of Care Via National Registries. The Current State and Future of Stroke. 28th Annual Princeton Conference. Cincinnati, OH. 2013
59. Harmonizing stroke process and outcome measures in quality improvement and public reporting Brain Attack Coalition Meeting, Bethesda, Maryland [Invited Lecture] 2013
60. Applying Clinical Guidelines to Patient Care. Special Symposium on Quality: Clinical Practice Guidelines. American Society of Hematology. New Orleans, LA. [Invited Lecture] 2013
61. Strengthen the Chain: Improving Access to Acute Stroke Therapies. Resuscitation Science Symposium and CV Nursing Clinical Symposium. Scientific Sessions. American Heart Association. Dallas, Texas. [Moderator] 2013
62. Get with the Guidelines Stroke Fall Update: Customer Webinar, American Heart Association [Invited Webinar Lecture] 2013
63. Selecting the Right Patient for Thrombolysis: Where Do We Stand? Ochsner Clinic Grand Rounds. New Orleans, LA. [Invited Lecture] 2013
64. Comprehensive Stroke Systems of Care. Society of Neurointerventional Surgery (SNIS) Annual Meeting. Las Vegas, Nevada [Invited Telemedicine Lecture] 2014
65. Disruptive Innovation in Stroke Care: Using Telehealth and registry-based measurement to impact adherence to evidence-based care. Grand Rounds, Department of Neurology, University of Miami [Invited Speaker] 2014
66. Translating the Science of Quality Measurement and Improvement into the Development of a Telestroke Quality Measures and Reporting Frame. Telestroke 2.0: Developing Evidence-based Measures of Quality and Outcomes for Remote Stroke Management, International Stroke Conference, American Heart Association, San Diego, CA [Invited Speaker] 2014
67. TeleStroke Increases Access to Acute Stroke Care. The Institute for Heart, Vascular and Stroke Care. International Stroke Conference Satellite Event. San Diego, CA [Invited Speaker and Organizer] 2014
68. Stroke and Carotid Artery Disease: The Basic Facts. Holy Cross Hospital and Massachusetts General Hospital Vascular Center Symposium. Fort Lauderdale, FL [Invited Lecture] 2014
69. Target Stroke: Identifying the Winning Strategies that drive improvement in thrombolysis treatment. Session B, Quality of Care Outcomes Research Scientific Sessions, American Heart Association, Baltimore, MD [Moderator, Live streaming event to 600+ participants] 2014

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70. TeleStroke 3.0: Expanding the Role for TeleHealth in Stroke and Neurological Care. Contemporary Clinical Issues Plenary Session American Academy of Neurology 66th Annual Meeting, Philadelphia, PA, April 30, 2014 [Invited Speaker] 2014
71. TeleStroke 3.0: Defining the Expanding Role for TeleHealth in Cerebrovascular Care. Neurology Grand Rounds, University of Rochester School of Medicine, Rochester, NY [Invited Lecture]2014
72. TeleStroke 3.0: Defining the Expanding Role for TeleHealth in Cerebrovascular Care. STAR 3rd Regional Stroke Management Symposium. Rochester, NY [Invited Lecture] 2014
73. What is TeleHealth? Where and how is it used? Early Evidence, Future Promise of Connected Health. Health Affairs Briefing, Washington DC [Invited Telemedicine Lecture] 2014
74. Does Technology Keep Patients Out of Hospitals? The New ‘Complex’ Patient: The Shifting Locus of Care and Cost; ECRI Institute, National Academy of Sciences, Washington DC. [Invited Telemedicine Lecture] 2014
75. Charting the Course for Stroke Systems of Care: The Design and Implementation of Comprehensive Stroke Centers in the US. Geisinger Health Systems Stroke Symposium [Invited Telemedicine Lecture] 2014
76. Get Me to the Church on Time. GWTG-Stroke Comprehensive Stroke Center Grand Rounds. International Stroke Conference, American Heart Association, San Diego, CA [Invited Speaker]2014
77. Current Stroke System Implementation in the US. Annual Primary Stroke Centers/ Comprehensive Stroke Centers Luncheon. American Heart Association/American Stroke Association & Joint Commission. International Stroke Conference, American Heart Association, San Diego, CA [Invited Speaker] 2014
78. A 49-year-old woman with aphasia and hemiplegia on a transatlantic airline flight. Case Records of the Massachusetts General Hospital Clinicopathological Conference Neurology Grand Rounds. Boston, MA [Invited Discussant and Organizer] 2014
79. TeleStroke 3.0: Telemedicine in Practice and Research. NINDS StrokeNet Webinar Series. [Invited Speaker] 2015
80. Research Opportunities in Clinical Networks: Where Will the Next Great Idea Emerge? NINDS Stroke Working Group Workshop [Invited Speaker] 2015
81. Controversies in Stroke Therapeutics Symposium: Antiplatelet Use for Secondary Prevention and Endovascular Management of Stroke. American Neurological Association Annual Meeting. Chicago, IL [Invited Moderator and Organizer] 2015
82. Acute Ischemic Stroke: Overcoming Barriers by Improving Systems of Care. Current Status of Stroke Systems of Care and Telestroke Care. Getting the Right Patients to the Right Places in the Right Amount of Time. American College of Emergency Physicians Annual Meeting. Boston MA. [Invited Speaker, Satellite Event] 2015
83. IV Alteplase in MR-Selected Patients With Stroke of Unknown Onset is Safe and Feasible: Results of the Multicenter MR WITNESS Trial (NCT01282242). Grand Rounds, New York University School of Medicine. [Invited Speaker] 2016
84. IV Alteplase in MR-Selected Patients With Stroke of Unknown Onset is Safe and Feasible: Results of the Multicenter MR WITNESS Trial (NCT01282242). Grand Rounds, Columbia Presbyterian Medical Center. NY. [Invited Speaker] 2016
85. Data sharing and Common data elements: bridging preclinical and clinical research. NINDS Translational Stroke Research Workshop [Invited Speaker] 2016
86. Stroke Bundled Payments and Impact on Neurointerventional Reimbursement. Society for Neurointerventional Surgery. Annual Meeting. Boston MA [Invited Speaker] 2016
87. What is the evidence that structured data collection & care delivery leads to better outcomes? Lessons Learned from Get with the Guidelines-Stroke. NINDS Epilepsy Working Group Workshop [Invited Speaker] 2016
88. The New ‘Complex’ Patient: The Shifting Locus of Care and Cost. Does Technology Keep Patients Out of Hospitals? Health Affairs Briefing, Washington DC [Invited Telemedicine Lecture] 2016
89. Life’s Simple Seven: A cocktail for brain health. Canyon Ranch Brain Health Program, Tucson AZ [Invited Lecture] 2017
90. The Facts about Stroke. Canyon Ranch. Tucson AZ [Invited Lecture] 2017
91. Testimony before the Senate Finance Committee on the Chronic Care Act. Senate Office Building, Washington DC, USA [Invited Expert] 2017

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92. Led to passage of Section 50325 of Bipartisan Budget Act of 2018, Expanding the Use of Telehealth for Individuals with Stroke 2017
93. Life's Simple Seven: A cocktail for brain health. Canyon Ranch Brain Health Program, Tucson AZ [Invited Lecture] 2018
94. Stroke Treatment and Ongoing Prevention (STOP Stroke) Update 2018. Canyon Ranch Health and Wellness Dept. Tucson AZ [Invited Lecture] 2018
95. The Communicable Nature of Non-Communicable Diseases: Telehealth as Antidote? Grand Rounds, U of Pennsylvania [Invited Lecture] 2018
96. Google Talk: What is really needed in TeleHealth? Dept of Executive Education HMS and Google Inc. Collaborative [Invited Lecture] 2018
97. Community Hospitals: Key Component in Healthcare Transformation. World Medical Innovation Forum. Boston MA [Invited Panelist] 2019
98. Talking Telehealth: Analyzing the Role of Technology in Healthcare. The Journal of Health and Biomedical Law Symposium at Suffolk University Law School. Boston MA [Invited Keynote Speaker] 2019
99. Life's Simple Seven: A cocktail for brain health. Canyon Ranch Brain Health Program, Tucson AZ [Invited Lecture] 2019
100. TeleHealth – A disruptive innovation to improve quality and lower the costs of healthcare. Canyon Ranch Health and Wellness Dept. Tucson AZ [Invited Lecture] 2019
101. Stroke Treatment and Prevention. Canyon Ranch Health and Wellness Dept. Tucson AZ [Invited Lecture] 2019
102. Advances in TeleHealth. Canyon Ranch Health and Wellness Dept. Lenox MA [Invited Lecture] 2019
103. Detection of Atrial Fibrillation: Why, How, When, How Much? Inaugural Neuro-AF Symposium, Afib Detection and Personalized Stroke Prevention Approaches in Atrial Fibrillation. Los Angeles CA [Invited Presentation] <http://www.innovationsincrm.com/neuroafib> 2020
104. Dementia Update, Canyon Ranch Health and Wellness Dept. Tucson AZ [Invited Lecture] 2020
105. Digital Health Becomes a Pillar: Tools, Payment and Data. World Medical Innovation Forum. Boston MA [Invited Panelist] 2020
106. COVID and Telemedicine for Clinical Trials: Opportunities and Challenges. National Brain Tumor Society Research Roundtable. National Webinar [Invited Panelist] 2020
107. Crossing the virtual chasm: Practical considerations for rethinking curriculum, competency, and culture in the virtual care era. Mass General Center for TeleHealth Virtual Care Symposium Series. (Virtual conference) [Organizer, Host and Moderator] 2020
108. Is telehealth pay a race to the bottom? The best ideas to stay on top. Becker's Telehealth Virtual Forum. [Invited panelist] 2021
109. Virtual Care Quality, Vision and Strategy. TeleHealth Grand Rounds. Providence-St Joseph's Health System, Portland OR (virtual conference) [Invited Lecture] 2021
110. Virtual Care Value: Where | What | Who | How? Virtual Health Summit US Northeast. (virtual conference) [Invited Keynote Lecture] 2021
111. A Comprehensive Digital Strategy for Healthcare in a Hybrid Care World- Make or Break Decisions for a Changed Landscape. HealthIMPACT Spring (virtual conference) [Invited panelist] 2021
112. How Fast is too Fast? Bypassing Traditional Safeguards. Society for Vascular and Interventional Neurology, SVIN Break. (Virtual presentation) [Invited Lecture] 2021
113. Stroke System Optimization: California State Stroke Summit. Los Angeles, CA (virtual presentation) [Invited Lecture] 2021
114. Virtual Care Vision and Strategy Post Pandemic: Advance or Retreat? College of Healthcare, Information Management Executives (CHIME), Ojai, CA (virtual presentation) [Invited Lecture] 2021
115. Bridging Gaps in the Diagnosis, Treatment, and Care. AIS Grand Rounds, Eden Emerg. Med Group, CA (sponsored by PRIME CME) (virtual conference) [Invited Lecture] 2021
116. Bridging Gaps in the Diagnosis, Treatment, and Care. AIS Grand Rounds, Charleston Area Medical Center, WV (sponsored by PRIME CME) (virtual conference) [Invited Lecture] 2021
117. Virtual Plus In-person Hybrid Care: The New Normal. BRI Network. (Virtual conference) [Invited Lecture] 2021
118. The Future of Telehealth: Flash in the Pan or Blue Plate Special? Telehealth Academy/The Disruption Lab (virtual conference) [Invited Lecture] 2021

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119. Reimagining Inpatient Care: The Connected Hospital Room. Digital Health Leadership | East Coast CORE Fall (virtual conference) [Invited Keynote Lecture] 2021
120. Virtual Symposium on Quality Frameworks for Virtual Care. Mass General Center for TeleHealth Virtual Care Symposium Series. (virtual conference) <https://www.virtualcareconsensus.com/> [Organizer, Host and Moderator] 2021
121. Reimagining Inpatient Care: The Connected Hospital Room. Digital Health Leadership | East Coast CORE Fall (virtual conference) [Invited Keynote Lecture] 2021
122. The Future of Access- Who is Getting Left Out of Telehealth and What Does it Take to Deliver More Accessible Virtual Care for Everyone? HealthIMPACT. (Virtual conference) [Invited Lecture] 2021
123. 20 years of stroke QI in Massachusetts: Where have we been, where are we going? Paul Coverdell Massachusetts Dept of public Health Annual Conference, Framingham MA [Invited Lecture] 2021
124. Telehealth, Zoom, and Its role in Rural Health. American Heart Association CVRI Council. (Virtual conference) [Invited Lecture] 2022
125. Entering a New Chapter for Consumer Engagement in Healthcare. HLTH (virtual conference) [Invited Panelist] 2022
126. Past/Present/Future of Digital Care. Scottsdale Institute. Fireside Chat (Virtual conference) [Invited Panelist] 2022
127. Teleneurology and Equity. American Neurological Association Investigates Podcast. [Invited Presenter] 2022
128. Congressional Briefing on Telehealth Research. Massachusetts US Congressional and Senate Delegation. [Invited Moderator and Presenter] 2022
129. Consumerism in Healthcare Co-lab Collaborative. The Academy. Aspen, CO [Invited Participant] 2022
130. An Overview of Telehealth in the Management of Cardiovascular Disease. American Board of Telehealth. [Member and Invited Virtual Presenter] 2022

International

1. Role of Telemedicine in the Management of Acute Ischemic Stroke. Stroke Workshop. Annual Meeting. American Academy of Neurology, Toronto, Canada. [Invited Lecture] 1999
2. Acute Stroke Management. 3-day conference/tutorial in stroke care. Remote Videoconferencing Project. King Faisal Specialist Hospital, Jeddah, SA [Telemedicine Seminar] 2001
3. Moving from Feasibility to Clinical Practice: TeleStroke supports a Statewide Stroke Center System. European Stroke Conference, Bologna, Italy [Invited Lecture] 2005
4. TeleStroke Experience in the USA. Telemedicine Symposium of the TEMPiS Network, Bavaria, Germany [Invited Telemedicine Lecture] 2005
5. Feasibility of TeleStroke to Increase Access to Specialty Care: Implications for Ireland. Annual Conference of Neurology Trainees across Ireland [Invited Telemedicine Lecture] 2007
6. Feasibility of TeleStroke to Increase Access to Specialty Care: Implications for International Health. Delegation from the Libyan Ministry of Health, Boston, MA. [Invited Lecture] 2007
7. Acute Stroke Care and the role of TeleStroke. King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda [Invited Telemedicine Lecture] 2008
8. Stroke Prevention in the Community: Recognizing risk factors and warning signs. King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda [Invited Telemedicine Lecture] 2008
9. Stroke Prevention in the Community: Risk Factor Control. King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda [Invited Telemedicine Lecture] 2009
10. The initial workup of acute ischemic stroke: in-hospital diagnosis and treatment. King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda [Invited Telemedicine Lecture] 2009
11. Acute Stroke: IV tPA Beyond 3 hrs. King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda [Invited Telemedicine Lecture] 2009
12. Neurology Skills Pavilion: Acute Stroke Alert. Telestroke for acute stroke care: a hands on workshop. American Academy of Neurology Annual Meeting, Toronto CA. 2010
13. Design and validation of a dysphagia screening tool in acute stroke care: The MGH experience. King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda [Invited Telemedicine Lecture] 2010

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14. Expanding the role of telemedicine-enabled care: Implementing remote care centers in Singapore and East Asia. National Delegation from the Singapore Ministry of Health and Healthcare Delegation led by SPRING Singapore, statutory board of Ministry of Trade and Industry. Boston MA [Invited Presentation]2010
15. Telestroke: Implications for health information systems. National Delegation from Hamad Medical Center Leadership, State of Qatar Health Ministry, MGH, Boston MA. [Invited Presentation] 2011
16. It's Getting Better all the Time: The Use of Disease-Focused Registries to Improve the Delivery of Care to Patients Hospitalized with Stroke. Annual Royal College Lecture. Silversides Visiting Professor. Toronto, Canada. [Invited Presentation] 2012
17. Master and Commander: Navigating the High Seas of Acute Stroke Care. Krembil Neuroscience rounds. Toronto Western Hospital. Silversides Visiting Professor. Toronto, Canada. [Invited Presentation] 2012
18. Stroke Telemedicine: Expanding the Frontier of Stroke Systems of Care. Simposio Internacional de Atualização em Neurologia Vascular. Hospital Moinhos De Vento, Instituto de Educação e Pesquisa. Teleconference to Brazil. [Invited Telemedicine Lecture] 2013
19. Telestroke for Acute Stroke Care in Under-resourced Environments. University College of London (UCL) Partners, London, England. [Invited Presentation]2013
20. Stroke Telemedicine: Expanding the Frontier of Stroke Systems of Care. Simposio Internacional de Atualização em Neurologia Vascular. Hospital Moinhos De Vento, Instituto de Educação e Pesquisa. Teleconference to Brazil. [Invited Telemedicine Lecture] 2014
21. Translating Evidence into Practice: Leveraging Technology and Policy to Improve Stroke Care Delivery in the US. Semester Lecturer, Charite Hospital, Berlin. [Invited Speaker] 2014
22. Nothing Else Matters: Improving Treatment Delivery. Thrombolysis in the USA in GWTG-
23. Stroke: The Target Stroke Campaigns. The Third TTST – Thrombolysis, Thrombectomy and Acute Stroke Treatment Symposium. Mannheim, Germany. [Invited Speaker] 2014
24. “If You Build it, They will Come” Lessons Learned from Telestroke Experiences. Telemedicine and Teleneurology Session. World Stroke Conference. Istanbul, Turkey [Invited Speaker] 2014
25. The Great Debate: Controversies in Stroke Therapeutics. American Neurological Association Annual Meeting. Chicago, Il. [Invited Speaker] 2015
26. “Shake it Up”: How Telehealth Is Disrupting and Transforming the Traditional Models of Care Delivery for Patients with Neurological Disease. Annual Meeting. International Stroke Conference, Los Angeles, CA. [Invited Lecture and Session Organizer]. 2016
27. The Long and Winding Road: What Are Performance Measures; What Are The Unintended Consequences; and How Do They Affect Reimbursement and Quality of Care. Annual Meeting. International Stroke Conference, Los Angeles, CA. [Invited Lecture and Session Organizer]. 2016
28. IV Alteplase in MR-Selected Patients With Stroke of Unknown Onset is Safe and Feasible: Results of the Multicenter MR WITNESS Trial (NCT01282242). Annual Meeting. International Stroke Conference, Los Angeles, CA. [Invited Plenary Lecture] 2016
29. To Boldly Go Where No Man Has Gone Before: How TeleHealth is Transforming Stroke and Neurological Care of Telemedicine in the Management of Acute Ischemic Stroke. Annual Meeting. American Academy of Neurology, Vancouver, Canada. [Invited Lecture and Session Organizer/Moderator]. 2016
30. Getting The Right Patients To The Right Places (In The Right Amount Of Time). 9th Annual Meeting. Stroke Treatment Academic Industry Roundtable (STAIR). Bethesda, MD. [Invited Lecture].2016
31. How To Design A Trial To Achieve FDA Approval For Large Core Patients: A Registry of Treated and Untreated Cases. 10th Annual Meeting. Stroke Treatment Academic Industry Roundtable (STAIR). Washington DC. [Invited Lecture].2017
32. IV Thrombolysis In Extended Time Windows Or Wake Up Patients. 10th Annual Meeting. Stroke Treatment Academic Industry Roundtable (STAIR). Washington DC. [Invited Lecture].2017
33. Time is Brain: Therapeutic Options for Acute Ischemic Stroke. American Society of Anesthesiology Annual Meeting, Boston MA [Invited Lecture].2017
34. AHA Stroke Council Award Lecture: The Communicable Nature of Non-Communicable Diseases: Telehealth as Antidote? Scientific Sessions, Dallas TX [Award Lecture] 2017
35. Consensus & Controversies in Stroke Care: From Acute Intervention to Secondary Prevention. Satellite Symposium to the International Stroke Conference, Houston, TX [Symposium Organizer, supported by Medtronic] 2017

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36. Primary and Secondary Prevention through Acute Intervention: The Cycle of Stroke Care
In: Consensus & Controversies in Stroke Care: From Acute Intervention to Secondary Prevention. Satellite Symposium to the International Stroke Conference, Houston, TX [Symposium Speaker, Supported by Medtronic] 2017
37. Can Telestroke Increase Access to Mechanical Thrombectomy? Telestroke and Mechanical Thrombectomy in 2017. International Stroke Conference, Houston, TX [Invited Speaker] 2017
38. Current controversies in stroke care: Evidence and Guidelines for Practice in the Real World. Satellite Symposium to the International Stroke Conference, Los Angeles, CA. [Symposium Organizer, supported by Medtronic] 2018
39. The central role of the neurovascular unit in brain health. In Session: Brain Health: A Cocktail for Healthy Aging. International Stroke Conference, Los Angeles, CA. [Session Moderator, Organizer and Speaker] 2018
40. Corpse Reviver: Recommendations of the Taskforce on Brain Health and Healthy Aging. In Session: Brain Health: A Cocktail for Healthy Aging. International Stroke Conference, Los Angeles, CA. [Session Moderator, Organizer and Speaker] 2018
41. Successful networks in resource rich and poor, urban and rural regions: The US experience. 14th International Symposium on Thrombolysis, Thrombectomy and Acute Stroke Therapy, Houston, Texas, USA [Invited Lecture]. 2018
42. Speeding thrombolysis and thrombectomy: How can we expand telestroke and other innovations? 14th International Symposium on Thrombolysis, Thrombectomy and Acute Stroke Therapy, Houston, Texas, USA [Invited Lecture]. 2018
43. TeleStroke 3.0 – Expanding Access Beyond Acute Stroke To Broader Neurological Expertise. Japan Stroke Society Annual Meeting. Fukuoka JAPAN. [Invited Lecture]. 2018
44. Translating Evidence into Practice: The American Heart Association’s “Get With The Guidelines-Stroke” Quality Improvement Registry. Japan Stroke Society Annual Meeting. Fukuoka JAPAN. [Invited Lecture] 2018
45. Should Ambulances Bypass Primary Stroke Centers for Comprehensive Stroke Centers? Plenary Session Debate. 2019 Annual Meeting of the American Academy of Neurology, Philadelphia PA [Invited Presentation] 2019
46. The Road Less Traveled: Charting the journey from NIH grant to successful consumer health product launch. Technology Pavilion, Scientific Sessions Philadelphia PA [Invited Presentation] 2019
47. AHA's Got Talent: Perfecting Your 3-Minute Elevator Speech. Scientific Sessions Philadelphia PA [Invited Session Judge] 2019
48. TeleStroke: State of the Art. International Stroke Conference, Los Angeles, CA. [Invited Presentation] 2019
49. Current Controversies in Stroke: Stroke Care in the Real World. Satellite Symposium to the International Stroke Conference, Los Angeles, Cam [Symposium Speaker, Supported by Medtronic] 2019
50. Reimagining Stroke System of Care in the Era of Mobile Stroke Units and Thrombectomy. Annual Meeting of the Stroke Society of Australia, Canberra Australia [Invited Presentation] 2019
51. Get with the Guidelines-Stroke and TeleStroke: Lessons learned. Monash University Stroke and Ageing Research Group. Melbourne Australia [Invited Presentation] 2019
52. From Randomized Trials to Clinical Registries: Translating evidence into practice improvement. Keynote Lecture at the Annual Meeting of the Stroke Society of Australia, Canberra Australia [Invited Presentation] 2019
53. The Communicable Nature of Non-Communicable Diseases: Telehealth as Antidote? Annual Meeting of the Stroke Society of Australia, Canberra Australia [Invited Presentation] 2019
54. The Link Between Brain Health and Nutrition: Advancing Personalized Nutrition. Brain Health Enterprise Session. International Stroke Conference, Los Angeles, CA. [Invited Moderator and Host] 2020
55. Secondary Stroke Prevention in Cryptogenic Stroke: Unknown, Uncertain or Uninformed? Satellite Symposium to the International Stroke Conference, Los Angeles, Cam [Symposium Speaker, Supported by Medtronic] 2020
56. Image Guided Selection of Patients for Late-Window Reperfusion Therapy: Considerations for Worldwide Implementation. International Stroke Conference, Los Angeles, CA. [Invited Presentation] 2020
57. There Is No Practical Way to Demand a Distance or Time Assessment of Need in the Designation of EVT-Capable Hospitals. International Stroke Conference, Los Angeles, CA. [Invited Presentation] 2020

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58. Medicolegal Considerations In Telestroke Care: I Swear to Treat the Stroke, the Whole Stroke, and Nothing but the Stroke.... International Stroke Conference, Dallas TX (Virtual Conference). [Invited Presentation] 2021
59. STROKE AF: Atrial Fibrillation in Non-Cardioembolic Stroke of Presumed Known Origin. Late breaking clinical trial platform session. International Stroke Conference, Dallas TX (Virtual Conference). [Invited Presentation] 2021
60. Meet the Trialists: STROKE AF, Atrial Fibrillation in Non-Cardioembolic Stroke of Presumed Known Origin. International Stroke Conference, Dallas TX (Virtual Conference). [Invited Panelist] 2021
61. Stroke & Atrial Fibrillation: What's new to learn? 12th Annual Emirates Cardiac Society Conference. United Arab Emirates (Virtual presentation). [Invited Presentation] 2021
62. Big Data and Public Health Initiatives. 13th World Stroke Organization (WSC 2021) Virtual Congress (Virtual presentation). [Invited Presentation] 2021
63. STROKE AF, a panel discussion. ISC Learning Studio. International Stroke Conference, New Orleans LA [Invited Panelist] 2022
64. Just a Little Fib: Stroke Risk or White Lie? International Stroke Conference, New Orleans LA [Invited Lecture] 2022
65. Just a Little Fib: Stroke Risk or White Lie? CED Talks (Cerebrovascular Education and Discovery). International Stroke Conference, New Orleans LA [Invited Lecture] 2022
66. Disruptive Innovation In Stroke Care Through Digital Care Transformation. CED Talks (Cerebrovascular Education and Discovery). International Stroke Conference, New Orleans LA [Invited Lecture] 2022
67. If You See Something, Say Something: Should AF Be Treated with Anticoagulation if It Is Detected After Ischemic Stroke? (Pro-Debate). International Stroke Conference, New Orleans LA [Invited Debate] 2022
68. The Future of Virtual Care and Opportunities for Innovation. Brazilian Healthcare Innovation Immersion Program, Boston MA [Invited Keynote Lecture] 2022
69. A Path to US Health Equity: The Rise of Virtual Care. Financial Times of London and the Commonwealth Fund. Washington, DC [Invited Panelist] 2022
70. 3-year Results From The STROKE-AF Randomized Trial. International Stroke Conference, Dallas TX [Invited Plenary Presentation] 2023

Professional Service

Peer Review Groups/Grant Study Sections:

- | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2005-2010 | External Reviewer, Scientific Review Committee, Canadian Stroke Network, Ontario, Canada |
| 2005 | External Reviewer, NORTH Telestroke Network of the Canadian Stroke Network, Ontario, Canada |
| 2005-2010 | External Reviewer, Scientific Review Committee, Canadian Stroke Network, Ontario, Canada |
| 2005 | External Reviewer, NORTH Telestroke Network of the Canadian Stroke Network, Ontario, Canada |
| 2006 | Member, Clinical Events Committee Adjudicator for Neurologic Events: CLARITY-TIMI 28 and OPUS-TIMI 16. Thrombolysis in Myocardial Infarction (TIMI) Study Group, Boston, MA |
| 2010-2013 | Member, Steering Committee, Mechanical Retrieval and Recanalization of Stroke Clots Using Embolectomy (MR RESCUE). (http://clinicaltrials.gov/ct2/show/NCT00389467) |
| 2011-2020 | Invited Member, Steering Committee, Mild and Rapidly Improving Stroke Study, University of |
| 2012-2016 | Member, Steering Committee, Evaluation of the Phased Radio Frequency Ablation System (VICTORY AF), Medtronic (http://clinicaltrials.gov/ct2/show/NCT01693120) |
| 2012 | Associate Partner, Steering Committee, "WakeUp Stroke" Consortium Multicenter Trial (http://clinicaltrials.gov/ct2/show/NCT01525290)
Miami, Genentech, Inc (http://clinicaltrials.gov/ct2/show/NCT02072681) |
| 2013-2016 | Member, Data Safety Monitoring Board and Clinical Events Committee, A Randomized, Concurrent Controlled Trial to Assess the Safety and Effectiveness of the Separator 3D as a Component of the Penumbra System in the Revascularization of Large Vessel Occlusion in Acute Ischemic Stroke (http://clinicaltrials.gov/ct2/show/NCT01584609) |
| 2013 | Expert Reviewer, Patient-Centered Outcomes Research Institute (PCORI). Improving |

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- 2014 Healthcare Systems. PCORI Cycle II Merit Review
Expert Reviewer, Patient –Centered Outcomes Research Institute (PCORI). Improving Healthcare Systems. PCORI Cycle III Merit Review
- 2014-2016 Project Leader. Stroke Outcome Measure Set Development. International Consortium for Health Outcomes Measurement (www.ICHOM.org) Harvard Business School. Boston, MA.
- 2017 External Reviewer, Scientific Review Committee, Brain Canada Foundation, Canada
- 2019- Member, Steering Committee, Tenecteplase in Stroke Patients Between 4.5 and 24 Hours (TIMELESS) trial, Genentech (NCT03785678)
- 2019- National Co-PI, Rate of Atrial Fibrillation Through 12 Months in Patients With Recent Ischemic Stroke of Presumed Known Origin (Stroke AF) trial (NCT02700945)

Editorial Boards:

- 1988-1989 Editorial Board Member, Harvard Medical School Alumni Bulletin
- 1996- Ad-Hoc Reviewer, Neurology
- 1997- Ad-Hoc Reviewer, New England Journal of Medicine
- 1997-2010 Ad-Hoc Reviewer, Stroke
- 1998-2000 Ad-Hoc Reviewer, Journal of Nuclear Medicine
- 2000- Ad-Hoc Reviewer, Journal of Neuroimaging
- 2000-2002 Physician Advisor, Weekly Briefings, New England Journal of Medicine
- 2002-2017 Editorial Board Member, Neurocritical Care: A Journal of Acute and Emergency Care
- 2003- Ad-Hoc Reviewer, British Medical Journal
- 2004- Ad-Hoc Reviewer, Circulation
- 2007- Ad-Hoc Reviewer, Lancet Neurology
- 2008- Ad-Hoc Reviewer, Annals of Neurology
- 2008- Ad-Hoc Reviewer, Journal of the American Medical Association
- 2008- Ad-Hoc Reviewer, JAMA Internal Medicine
- 2010- Editorial Board Member, Stroke
- 2010-2017 Editorial Board Member, Circulation: Cardiovascular Quality and Outcomes
- 2012-2016 Editorial Board Member, Harvard Medical School Health Newsletter, Harvard University
- 2015 Guest Associate Editor, Stroke Themed Issue, Circulation: Cardiovascular Quality and Outcomes
- 2015- Associate Editor, Stroke and Vascular Neurology
- 2019- Member, International Advisory Board, The Lancet Digital Health
- 2020- Section Editor, Digital Health, Stroke

Professional Organizations:

- 1988-1989 Member, American Medical Student Association, Board of Trustees
- 1992- Member, American Academy of Neurology
- 1992-1995 Member, Boston Society of Neurology and Psychiatry
- 1994-1998 Member, National Stroke Association
- 1996-2007 Member, American Society of Neuroimaging
- 1997- Member, American Heart Association
- 1997 Continuous Member of Stroke Council and American Stroke Association
- 1998- Critical Care and Emergency Neurology Section, American Academy of Neurology
- 1999 Local Consulting Neurologist, Women's World Cup Soccer Championship
- 2000-2006 Expert Consultant, STOP Stroke Act, Senator Edward Kennedy of Massachusetts
- 2001-2002 Expert Consultant, Department of Defense, Telemedicine and Advanced Technologies Research Center
- 2002-2008 Stroke Director, Boston Fire, Police and Emergency Medical Services, City of Boston
- 2004 Committee Assignments, in the areas of Stroke Performance Measurement; Health system improvement for stroke, diabetes, myocardial infarction; public policy advocacy; telemedicine for stroke and cardiovascular care; American Heart Association (AHA)
- 2004- National Media Spokesperson, American Heart Association (AHA)

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- 2005- Committee Member, Abstract grading committees and sessions moderator at Annual Meetings of International Stroke Conference, Quality of Care and Outcomes Research, Scientific Sessions, American Heart Association (AHA)
- 2005-2010 External Scientific Review, for Canadian Stroke Network, Boston, MA
- 2005-2010 Expert, External Scientific Reviewer, NORTH TeleStroke Network and the Canadian Stroke Network, Ontario, Canada
- 2006- Elected Fellow, American Heart Association (FAHA)
- 2006-2021 Consultant, Stroke Systems of Care, Massachusetts Department of Public Health, Boston, MA
- 2007- Media Expert, American Academy of Neurology
- 2007-2013 Telemedicine Working Group, American Academy of Neurology
- 2009-2014 Participant, Fellow and Early Career programming, American Heart Association
- 2000-2020 Member, Neurocritical Care Society
- 2000-2017 Editorial Board member, "Neurocritical Care"
- 2006- Elected Member, American Neurological Association
- 2006-2008 Ad hoc member of Abstract grading committee, Annual Meeting
- 2007- Media Expert, American Academy of Neurology
- 2010 Expert consultant, TASC - Telemedical Acute Stroke Care, a government funded research project to determine the economics of TeleStroke care implementation in Europe. PI: Dr. Stephan Theiss, University of Magdeburg, Germany
- 2010 Ad hoc expert reviewer, NINDS Clinical Trials (NSD-K) Study Section
- 2010-2012 Subgroup Chair, Stroke Common Data Elements Committee, NINDS
- 2011- Public Policy Committee, American Neurological Association
- 2012- Member, Oversight Committee, Stroke Common Data Elements Committee, NINDS
- 2013- Elected Fellow of the ANA (FANA)
- 2014- Elected Member, Screen Actors Guild-American Federation of Television and Radio Artists
- 2020-2022 Member, Expert Panel, Mixed Reality (MR) Care-delivery Guidance System to Support Medical Event Management on Long Duration Exploration Missions", funded by NASA through the Translational Research Program of the Translational Research Institute for Space Health (TRISH)
- 2020- Elected Fellow, FAAN, American Academy of Neurology

Harvard University/Hospital System:

- 1988-1990 Member of Curriculum Design, Office of Educational Development
- 1994 Member, Neuroscience Section, Harvard Medical School Education Review,
- 1998 Member of Risk Management Foundation Internet Medicine Focus Group,
- 2000 Member of Curriculum Committee, Health Sciences and Technology Program
- 2009-2012 Member, Harvard Catalyst PCIR Scientific and Resource Review Committee
- 2010- Member, Ad Hoc Committees, Professorial Appointments, Harvard Medical School
- 1997-2005 Invited Member, Scientific Advisory Committee, Clinical Research Center, Massachusetts Institute of Technology
- 1997-2000 Invited Member, Faculty Committee, Health Sciences and Technology Program, Massachusetts Institute of Technology
- 1997-2000 Member, Medical Executive Committee, Medical Department, Massachusetts Institute of Technology
- 1999-2000 Invited Member, Admissions Committee, Health Sciences and Technology MD program, Massachusetts Institute of Technology
- 1998-2014 Member, Critical Care Committee, Massachusetts General Hospital
- 1999-2002 Invited Member, Stroke Executive Committee and Scientific Stroke Group, CIMIT, Massachusetts General Hospital
- 2000-2002 Member, Executive Group of the CPM Anticoagulation Committee, Massachusetts General Hospital
- 2005 Member, Longitudinal Medical Record Advisory Committee, Partners Healthcare System
- 2005 Member, Partners Neurology Quality Management Committee, Partners Healthcare System

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2005-2006	Member, MGPO Wireless Charge Capture Pilot, Massachusetts General Hospital
2005-2006	Member, Integrated Outcomes Platform Working Group, Massachusetts General Hospital
2006	Member, Partners Telemedicine Symposium Planning Committee, Partners Healthcare
2006	Invited Participant, Quality and Safety Executive Retreat, Harvard Business School and Massachusetts General Hospital
2007	Member, Executive Committee on Teaching and Education (ECOTE) Hand-off's Committee, Massachusetts General Hospital
2007-2008	Member, Acute Care Documentation Committee, Physician Committee, Massachusetts General Hospital
2007-2012	Member, Quality and Safety Measurement Steering Committee, Massachusetts General Hospital
2007	Chair, Search Committee, Neurointensive Care Unit Director, Massachusetts General Hospital
2008 -- 2012	Member, Patient Care, Quality and Compliance Subcommittee, Board of Trustees, Partners Continuing Care, Partners Healthcare Inc.
2008 -- 2009	Member, Search Committee, Director of Critical Care Institute, Massachusetts General Hospital, Boston, MA
2011 -- 2014	Member, Leadership Council and Philanthropy Steering Committee, Institute for Heart, Vascular and Stroke Care, Massachusetts General Hospital, Boston MA
2011 -- 2019	Member, Diversity Committee, Massachusetts General Hospital, Boston, MA
2011 -- 2012	Member, Research Information Systems Steering Committee and Research Advisory Subcommittee, Partners Healthcare, Boston, MA
2013 -- 2016	Member, Search Committee, Chief of Emergency Medicine, Massachusetts General Hospital, Boston, MA
2015 -- 2016	Member, Search Committee, Co-Director Neuroendovascular Section, Massachusetts General Hospital, Boston, MA

Affiliated Institutions

1993-1994	Member, Residency Selection Committee, Department of Neurology, Massachusetts General Hospital
1994-1995	Member of Electronic Medical Record Project, Massachusetts General Hospital
1994-1995	Member of Ambulatory Clinic Directors Committee, Department of Neurology, Massachusetts General Hospital
1994-2002	Member, Optimum Care Committee, Massachusetts General Hospital
1995-1996	Member, Operations Improvement, Neuroscience Team, Massachusetts General Hospital
1996-1998	Member, Subcommittee on Chronic Ventilator Management, Massachusetts General Hospital
1996-2000	Member, Telemedicine Committee, Massachusetts General Hospital
1996-2000	Member, World Wide Web Committee, Massachusetts General Hospital
1997-2005	Invited Member, Scientific Advisory Committee, Mallinckrodt General Clinical Research Center, Massachusetts General Hospital

Regional

1999-2000	Chair, Operation Stroke Medical Subcommittee, American Heart Association
2002-2004	Member, Medical Advisory Board, Boston Med flight.
2002-2004	Elected Member, Board of Directors, American Heart Association Northeast Affiliate
2002-2004	Member, Stroke Advisory Group, Division of Healthcare Quality, Massachusetts DPH
2004-2007	Invited Member, Primary Stroke Service Medical Advisory Committee, Division of Healthcare Quality, Massachusetts Department of Public Health.
2005-2008	Member, Partnership for a Heart Healthy and Stroke Free Mass, Division of Family and Community Medicine, Massachusetts Department of Public Health.
2005-2007	Invited Member, Tele-Radiology Credentialing Task Force, Commonwealth of Massachusetts Board of Registration in Medicine.
2005-2010	Chair, Professional Education Symposium Committee, American Stroke Association New England Affiliate, Annual Stroke Luncheon, Boston, MA
2006-	Consultant, Stroke Systems Development, Massachusetts Department of Public Health

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2006-2010	Founder and Inaugural Chair, Northeast Cerebrovascular Consortium (NECC)
2007-2012	Invited Member, Stroke Hospital Care Advisory Committee, Massachusetts Department of Public Health Heart Disease and Stroke Control and Prevention
2008	Invited Member, EMS Stroke Quality Performance Measures Review Panel, Massachusetts Department of Public Health Heart Disease and Stroke Control and Prevention
2010	Invited Member, Stroke Systems of Care Planning Grant Measures Review Panel, Massachusetts Department of Public Health Heart Disease and Stroke Control and Prevention
2010-2020-	Executive Leadership Committee, Northeast Cerebrovascular Consortium (NECC) Member, Board of Directors, Tech Goes Home
<i>National</i>	
2000-2002	Chair, Stroke Expert Panel, Get with the Guidelines, American Stroke Association
2001-2004	Co-Chair, Get with the Guidelines-Stroke Pilot, American Heart Association
2002	Invited Member, Task Force on Provider Support Systems in Acute Ischemic Stroke, National Institutes of Neurological Disorders and Stroke Symposium
2002-	Invited Member, Primary Stroke Center Advisory Committee, Joint Commission on Accreditation Hospital Organization and American Stroke Association
2002-2018	Member, Steering Committee, Get with the Guidelines, American Heart Association
2002-2004	Elected Member, Board of Directors, American Stroke Association
2004-2008	Invited Member, Secondary Prevention Standing Writing Committee, Stroke Council, American Heart Association
2004-2018	Invited Member, Executive Committee, Get with the Guidelines, American Heart Association
2004-2008	Invited Member, National Advocacy Coordinating Committee, American Heart Association
2004-2007	Founder and Chair, Northeast Stroke Taskforce, American Heart Association
2005-	Invited Member, Comprehensive Stroke Center Advisory Committee, American Stroke Association
2005	Co-Chair, Writing Group, Recommendations for the Implementation of Telemedicine within Stroke Systems of Care, American Heart Association
2006-2008	Co-Chair, Emergency Neurovascular Care Committee, Stroke Council of the American Heart Association
2006	Invited Member, Technical Advisory Panel, Stroke Performance Measure Set, CMS Physician Quality Reporting Initiative (PQRI), National Quality Forum
2006-2010	Chair, TeleStroke Committee, Stroke Council of the American Heart Association
2007-2010	Invited Member, Policies & Procedures Technical Work Group, Paul Coverdell National Acute Stroke Registry, Centers for Disease Control & Prevention
2007-2010	Member, Primary Stroke Certification Advisory Working Group, American Heart Association and Joint Commission
2007-2016	Chair, Planning Committee, Stroke Track at the Quality of Care and Outcomes Research Annual Meeting, American Heart Association
2007-2016	Invited Member, Steering Committee, Quality of Care and Outcomes Research Working Group, American Heart Association
2007	Invited Member, Advanced Neuroimaging and Acute Stroke Conference. National Institutes of Health, Washington DC
2007-8	Expert Consultant, TeleStroke Implementation, Northern Ireland Ministry of Health
2007-2008	Co-Chair, Writing Group, Levels of Evidence Supporting Telemedicine with Stroke Systems of Care, American Heart Association
2007-2009	Chair, National Consensus Panel Stroke Performance Measures for the American Heart Association, Center for Disease Control & Prevention, and the Joint Commission on Healthcare Accreditation
2007-2015	Chair, Partners National TeleStroke Network
2007-2008	Invited Member, Stroke Collaborative – Joint Member Advisory Group of the American Academy of Neurology, American Heart Association/American Stroke Association, and American College of Emergency Physicians
2007-2016	Invited Member, Stroke Imaging Repository (STIR) Task Force

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- 2008 External Scientific Review, Stroke Quality Improvement Proposal, Salford Royal Hospital NHS
- 2008 Invited Expert Panel member, Center for Disease Control & Prevention, Division for Heart Disease and Stroke Prevention to review evaluation indicators to assess state progress toward heart disease and stroke goals
- 2008 Member, External Advisory Board, Consortium of Oral Health Research Informatics (COHRI) of the Schools of Dentistry and Oral Health
- 2008 Chair Elect, National Steering Committee, Get with the Guidelines, American Heart Association
- 2008- Invited Member, Nominating Committee, Quality of Care and Outcomes Research Working Group, American Heart Association
- 2008 Chair, Technical Expert Panel, Center for Medicare and Medicaid Services, Outpatient Hospital Measures for Hospital Outpatient Departments and Ambulatory Surgical Centers Measures
- 2008 Invited Member, Expert Panel to Determine Stroke Outcomes, Paul Coverdell National Acute Stroke Registry, - Centers for Disease Control & Prevention
- 2009 Invited Member, Expanding the Time Window of Reperfusion Therapy in Acute Ischemic Stroke: Opportunities and Challenges. National Institutes of Neurological Diseases and Stroke
- 2009-2012 Chair, National Steering Committee, Get with the Guidelines, American Heart Association
- 2009-2010 Organizer, Stroke Quality Improvement Telemedicine Lecture Series, King Edward VII Memorial Hospital. Bermuda Hospitals Board. Bermuda Foundation Trust
- 2009-2010 Invited Member, Ambulatory Care Registry Advisory Working Group, American Heart Association
- 2009-2010 Invited Member, Cultural Competency Working Group, American Heart Association
- 2009-2012 Invited Member, Quality Improvement Committee, American Heart Association Get With the Guidelines
- 2009-2012 Invited Member, Heart Failure Working Group, American Heart Association Get With the Guidelines
- 2009-2011 Chair, Stroke Presentation Subgroup, Common Data Elements Committee of the National Institute of Neurological Disease & Stroke
- 2009-2011 Invited Member, Acute Stroke Treatment Subgroup, Common Data Elements Committee of the National Institute of Neurological Disease & Stroke
- 2009-2010 Invited Member, Health Information Technology Standards Panel (HITSP), Quality Measures Tiger Team (Stroke Performance Measures)
- 2009 Invited member, Stroke Outcomes Measures Working Group. Yale-New Haven Hospital Center for Outcomes Research and Evaluation under contract from CMS
- 2010-2014 Invited Member, The Guideline Advantage Steering Committee, American Heart Association
- 2009-2012 Invited Member, Stroke Council Scientific Statements Oversight Committee, American Heart Association
- 2010-2017 Invited Member, Consumer Health and Quality Coordinating Committee, American Heart Association
- 2010- Member, Get With the Guidelines (GWTG)-Stroke Clinical Workgroup, American Heart Association
- 2010-2014 Chair, Emergency Neurovascular Care Committee, Stroke Council, American Heart Association
- 2011 Expert Consultant, Hyper Acute Stroke Care Redesign Project, University College London School of Medicine, London, England
- 2011 Expert Consultant, China National Stroke Registry and Golden Bridge Stroke Clinical Improvement Project, Beijing China
- 2011-2012 Invited Member, Measure Maintenance Workshop-Stroke Measure Maintenance Technical Advisory Panel, Joint Commission
- 2011-2016 Invited Member, Stroke Performance Measures Oversight Writing Committee. American Heart Association
- 2011 Stakeholder, Duke University Evidence-based Practice Center, Agency for Healthcare Research and Quality (AHRQ)/Duke University: Cardiovascular Topic Identification.
- 2012-13 Invited Member, Impact of Registries Legislation on Statewide Systems of Care Writing Group. American Heart Association
- 2012 Expert Consultant, Joint Commission Stroke Measures Submission, National Quality Forum.

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2012	Member, Technology Advisory Committee, Journal of Stroke & Cerebrovascular Disease
2013-2015	Vice Chairperson, Hospital Accreditation Science Committee, American Heart Association
2013	Member, Disease-Specific Care: Primary Stroke Center Certification Program Technical Advisory Panel, American Heart Association
2013-2015	Invited Member, Telemedicine Work Group, American Academy of Neurology
2013-2014	Invited Member, Scientific Sessions Initiative Steering Committee, American Heart Association
2013-2014	Invited Member, Stroke Validation and Clinical Benchmarking Steering Committee, University Health Consortium
2013-2014	Invited Member, Quality Initiative, Federal Advocacy Committee, American Heart Association
2014-2016	Invited Member, Mission:Lifeline Advisory Working Group, American Heart Association
2013-2017	Expert Consultant, DEVOTE Trial, Data Safety Monitoring Committee. Novo Nordisk, Bagsvaerd, Denmark
2013-	Invited Member, Comprehensive Stroke Measures Technical Advisory Panel, Joint Commission
2014-2016	Invited Member, Acute Stroke Ready Certification Program Technical Advisory Panel, Joint Commission
2014-2016	Co-Chair, Writing Group, TeleStroke Quality Metrics, American Heart Association
2014	Chair, Writing Group, Telehealth in Cardiovascular and Cerebrovascular Care, AHA
2014-2018	Co-Chair, Mission-Lifeline Stroke Committee, American Heart Association
2015-2019	Chair, Hospital Accreditation Science Committee, American Heart Association
2017-2019	Chair, Quality Oversight Committee, American Heart Association
2019-2021	Scientific Advisor, American Heart Association, Brain Health & Healthy Aging Enterprise
2019-2022	Chair, American Stroke Association Advisory Committee
2019-2022	Member, National Board of Directors, American Heart Association

Public Service / Media Presence:

Community Service:

1996	Speaker, the Dana Alliance for Brain Initiatives. Museum of Science, Boston, MA.
1997	Speaker, Society for Neuroscience and the Dana Alliance for Brain Initiatives. Museum of Science, Boston,
2004-	National Spokesperson, American Heart Association
2007-	Advocacy efforts with AHA staff to members of the State legislature and Governor for increased funding for stroke education and care delivery
2009	Advocacy efforts with AHA to urge the Center for Medicare and Medicaid Services (CMS) to include individual stroke measures into the Inpatient Prospective Payment System update, which is the set of reported measures tracked by CMS.
2010	Invited Speaker, STOP Stroke Lobby Day, MA State House
2010	Master of Ceremonies, Heart of Our Mission Awards Reception, Greater Boston Board, American Heart Association
2014	Host/Organizer of the TeleHealth Track, "Healthcare's Grand H@ckfest" Hackathon, Massachusetts Institute of Technology Media Lab, Cambridge MA, http://hackingmedicine.mit.edu/
2015	Co-Chair, Heart and Stroke Ball, Greater Boston Board, American Heart Association
2020-	Board of Directors, Tech Goes Home, a 501c3 charity devoted to improving digital equity

Media Presence:

2001	"Underutilized" Drug Proves Key to Victim's Survival, ABC News http://www.thebostonchannel.com/health/2663902/detail/html
2002	Telemedicine Offers Hope for Stroke Sufferers, ABC News http://abcnews.go.com/Health/story?id=116975&page=1#.T5RTsqv2JBk

- 2002 Stroke Certification System for Hospitals Updated , ABC News
<http://www.thebostonchannel.com/health/1487954/detail/html>
- 2002 Device Lets Doctors Examine Patients Miles Away, ABC News
<http://www.thebostonchannel.com/health/1489501/1487954/detail/html>
- 2003 Program Helps Hospitals Better Treat Stroke Patients, ABC News
<http://www.thebostonchannel.com/health/9842399/detail/html>
- 2005 Recognizing Stroke Warning Signs Could Mean Life or Death, ABC News
<http://www.thebostonchannel.com/health/4108863/detail/html>
- 2005 Sloppy Stroke Care In The U.S., CBS News
<http://wbztv.com/health/Sloppy.Stroke.Care.2.248778.html>
- 2005 Why Strokes Still Kill, Proto
<http://protomag.com/assets/why-strokes-still-kill>
- 2006 Medically Induced Coma Helps Brain Recover, CBS News
<http://wbztv.com/health/West.Virginia.Coma.2.262029.html>
- 2006 Boston Business Journal, Brain trust: New firm bets on neurological expertise
<http://www.bizjournals.com/boston/stories/2006/02/06/story6.html?page=all>
- 2006 Going the distance in stroke treatment, Remote care approach widens in state's hospitals, Boston Globe
http://www.boston.com/yourlife/health/diseases/articles/2006/04/03/going_the_distance_in_stroke_treatment/?page=full
- 2006 Chiropractic Technique May Pose Stroke Risk, ABC News
<http://www.thebostonchannel.com/health/2666217/detail/html>
- 2006 Stroke projected to become leading cause of death, TheHeart.org
<http://www.theheart.org/article/749039.do>
- 2007 Timing Is Key In Stroke Treatment, CBS News
<http://wbztv.com/health/stroke.brain.cells.2.278707.html>
- 2007 Study: Traditional Scans Miss About 75% of Strokes, CBS News
<http://wbztv.com/topstories/stroke.MRI.CT.2.277940.html>
- 2007 Ted Johnson Says Patriots Ignored His Concussions, CBS News
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Reviews/Chapters/Editorials

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