

CURRICULUM VITAE  
**MATTHEW J. SCHOLER, M.D., Ph.D., F.A.C.E.P.**

Business Address: Department of Emergency Medicine  
University of North Carolina at Chapel Hill  
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Education:

- Epic Physician Builder Training, Epic Intergalactic Headquarters, Verona, WI
  - Basic Physician Builder class – April 13-15, 2015
  - Advanced Physician Builder class – July 6-8, 2015
- American Medical Informatics Association (AMIA) 10x10 Informatics Course offered in partnership with Oregon Health & Science University for the American College of Emergency Physicians, 06/2011-10/2011
- Chief Resident, Emergency Medicine Residency Program, University of North Carolina Hospitals, Chapel Hill, NC, 06/2002-06/2003
- Residency Training in Emergency Medicine, University of North Carolina Hospitals, Chapel Hill, NC, 06/2000-06/2003
- Doctor of Medicine, New York Medical College, Valhalla, NY, 08/1992-06/1994 & 07/1998-05/2000
- Doctor of Philosophy in Pharmacology, New York Medical College, Valhalla, NY, 07/1994-05/2000
- Bachelor of Arts in Biology, State University of New York at Buffalo, Buffalo, NY, 1987-1991

Licensure:

- 06/18/2004, Board Certification in Emergency Medicine (Certification No. 20031015)
- 02/20/2003, North Carolina Medical Board (License No. 200300191)

Professional Experience – Employment History:

- Faculty Member, Department of Emergency Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, 07/2003-Present
  - Clinical Associate Professor, 7/2011-Present
  - Clinical Assistant Professor, 6/2004-6/2011
  - Clinical Instructor, 07/2003-06/2004
- Emergency Physician, Morehead Memorial Hospital, Eden, NC, 07/2003

Honors and Awards:

- 06/2015, Socrates Award, UNC Emergency Medicine Residency Program.
  - *Award for excellence in teaching voted on by the emergency medicine residents*
- 12/2012, 3<sup>rd</sup> Place, Faculty Discussant, CPC Competition, UNC Emergency Medicine Residency Program
- 12/2011, 3<sup>rd</sup> Place, Faculty Discussant, CPC Competition, UNC Emergency Medicine Residency Program
- 11/2007, 3<sup>rd</sup> Place, Faculty Discussant, CPC Competition, UNC Emergency Medicine Residency Program

- 11/2001, 3<sup>rd</sup> Place, Resident Presenter, CPC Competition, UNC Emergency Medicine Residency Program
- 5/2000, Society for Academic Emergency Medicine Award, New York Medical College
  - *Presented to a graduate who has demonstrated outstanding proficiency in emergency medicine as selected by the faculty of New York Medical College*
- 5/2000, Martha Lucas Pate, Ph.D., Memorial Award, New York Medical College
  - *Awarded annually to the graduate student who has demonstrated academic excellence and leadership in social and humane concerns in medicine, science or health*
- 5/2000, Coret Manus Award of Distinction, New York Medical College
  - *Given in recognition of outstanding service to the medical college in the furtherance of its community program and because of loyalty and devotion to the aims and objectives of the college, embodying those qualities that make for the highest type citizen and physician*
- 5/2000, Trustee Scholar Award, New York Medical College
  - *Given in recognition of high scholastic achievement for the first two years of study at New York Medical College*
- 7/1999, Alpha Omega Alpha Medical Honors Society, NY Iota Chapter, New York Medical College
- 1998, The Associated Medical Schools of New York Award for Distinguished Performance in Research
- 1996, 1<sup>st</sup> Place, 16<sup>th</sup> Annual Graduate Student Research Forum, Department of Pharmacology, New York Medical College
- 4/1995, 3<sup>rd</sup> Place, Young Investigators Meeting, Eastern Hypertension Society, New York, NY
- 1993, New York Medical Trustees' Scholarship
- 1993, New York Medical College Summer Research Fellowship

#### Bibliography:

##### Book and Chapters:

- **Scholer-MJ**, Serious Viral Infections, Emergency Medicine Manual, eighth edition, Ch. 91, Cline-DM et.al. editors, McGraw-Hill, New York, *in press*
- **Scholer-MJ**, Disseminated Viral Infections, Emergency Medicine Manual, seventh edition, Ch. 91, Cline-DM et.al. editors, McGraw-Hill, New York, 2012
- **Scholer-MJ**, Disseminated Viral Infections, Just the Facts in Emergency Medicine, third edition, Ch. 93, pp. 328-332, Cline-DM et.al. editors, McGraw Hill, 2012
- Waller-AE, **Scholer-MJ**, Ising-AI and Travers-DA, Using Emergency Department Data for Biosurveillance: The North Carolina Experience, Infectious Disease Informatics and Biosurveillance, pp. 46-58, Zeng-D, Chen-H, Castillo-Chavez-C, Lober-W and Thurmond-M, editors, Springer Publishing Company, 2011
- **Scholer-MJ**, Oncologic Emergencies, Preparing for the Written Board Exam in Emergency Medicine, fifth edition, pp.1161-1176, Rivers-CS Editor-in-Chief, Emergency Medicine Educational Enterprises, Inc., 2006
- **Scholer-MJ**, Common Viral Infections, Emergency Medicine Manual, sixth edition, Ch. 88, pp. 410-412, Ma-OJ et.al. editors, McGraw-Hill, New York, 2004
- **Scholer-MJ**, Common Viral Infections, Just the Facts in Emergency Medicine, second edition, ch. 90, pp. 306-308, Ma-OJ et.al. editors, McGraw-Hill, New York, 2004

## Refereed Papers/Articles:

### Original Research:

- Biese-KJ, Forbach-CR, Platts-Mills-TF, **Scholer-MJ**, McCall-B, Shofer-FS, LaMantia-M, Hobgood-C, Kizer-JS, Busby-Whitehead-J and Cairns-CB. Computer-Facilitated Review of Electronic Medical Records Reliably Identifies ED Interventions in Older Adults, *Acad Emerg Med*. 2013 Jun 20(6):621-8
- Glickman-SW, Shofer-FS, Wu-MC, **Scholer-MJ**, Ndubizu-A, Peterson-ED, Granger-CB, Cairns-CB and Glickman-LT. Development and validation of a prioritization rule for obtaining an immediate 12-lead electrocardiogram in the emergency department to identify ST-elevation myocardial infarction, *March 2012, Vol. 163 No. 3, pages 372-382*
- Chapman-WW, Dowling-JN, Baer A, Buckeridge D, Cochrane D, Conway, MA, Elkin P, Espino J, Gunn J, Hales C, Hutwagner L, Keller M, Larson C, Noe R, Okhmatovskaia A, Olson K, Paladini M, **Scholer M**, Sniegowski C, Thompson D and Lober B. Developing syndrome definitions based on consensus and current use, *J Am Med Inform Assoc* 2010;17: 595-601
- **Scholer-MJ**, Ghneim-G, Wu-S, Westlake-M, Travers-D, Waller-AE, McCalla-A and Wetterhall-SF, Defining and Applying a Method for Improving the Sensitivity and Specificity of an Emergency Department Early Event Detection System, *AMIA Annu Symp Proc*. 2007 Oct 11:651-5
- Travers-D, Wu-S, **Scholer-MJ**, Westlake-M, Waller-AE and McCalla-A, Evaluation of a Chief Complaint Pre-Processor for Biosurveillance, *AMIA Annu Symp Proc*. 2007 Oct 11:736-40
- Sickbert-Bennett-EE, **Scholer-MJ**, Butler-J, Travers-D, MacFarquhar-JK, Waller-AE and Ghneim-G, Evaluation of a Syndromic Surveillance System for the Detection of Acute Infectious Gastroenteritis Outbreaks — North Carolina, 2004, August 26, 2005 (54, Suppl); 201
- Johnson-RA, Lavesa-M, DeSeyn-K, **Scholer-MJ** and Nasjletti-A, Hemeoxygenase substrates acutely lower blood pressure in hypertensive rats, *American Journal of Physiology* 271 (3 pt 2), H1132-8, Sept 1996

### Other Peer Reviewed Articles:

- Cabanas-JG, **Scholer-MJ** and Tintinalli-J, Informática en Medicina de Urgencias y Emergencias: Gestión de la información y aplicaciones en el siglo XXI, *Emergencias* 2009; 21: 354-361

### Published Abstracts and Scientific Presentations:

- Ndubizu A, Glickman S, Glickman L, **Scholer M**, Waller A, Shofer F, Cairns C. The Impact of Aging on the Clinical Presentation of ST-Elevation Myocardial Infarction. *SAEM Conference, June 2010*
- Ndubizu A, **Scholer M**, Glickman S, Glickman L, Waller A, Travers D, Cairns C, Shofer F. Accuracy and Feasibility of a Novel Approach to Emergency Medicine Text Processing of ED Chief Complaints. *SAEM Conference, June 2010*
- Moro-Sutherland D, Johnson C, Falls D, **Scholer M**, Waller A, Shofer F, Cairns C. Variability in Hospital Admission Rates for Neonates (0-28 days) with Fever in North Carolina. *SAEM Conference, June 2010*
- **Scholer-MJ**, Travers-D, Waller-AE, McCalla-A and Wetterhall-SF, Optimizing Syndromic Classification in Biosurveillance Systems, Oral presentation at the International Society for Disease Surveillance 2009 Annual Meeting, Dec 2-4, 2009 in Miami, FL
- Ising A, Travers DA, **Scholer M**, Crouch J, Waller AE. Evaluation of Triage Note Negation Processing for Syndromic Surveillance (abstract). 2009 International Society for Disease Surveillance Annual Conference

- Biese-K, Forbach-C, Platts-Mills-TF, **Scholer-M**, McCall-B, Shofer-F, LaMantia-M, Hobgood-C, Kizer-JS, Cairns-CB, Busby-Whitehead- J, The Utility of Computer-facilitated Medical Record Review in Identifying Selected Low Frequency Emergency Department Interventions, SAEM, New Orleans, May 2009 [abstract, *manuscript submitted for publication to Annals of Emergency Medicine*]
- Travers-D, **Scholer-MJ**, Crouch-J and Wetterhall-SF, Using UMLS Semantic Network to Identify Search Terms for Biosurveillance, *Advances in Disease Surveillance*, Vol 5, No 1, 2008 [abstract]
- Ising-A, Li-M, Deyneka-L, Barnett-C, **Scholer-MJ** and Waller-AE, Situational Awareness Using Web-based Annotation and Custom Reporting, International Society for Disease Surveillance 2007 Annual Conference, Indianapolis, IN, Oct 11-12, 2007 [abstract]
- **Scholer-MJ** and NC DETECT Syndrome Definition Workgroup, Syndrome Definitions Used in Electronic Public Health Surveillance in North Carolina, North Carolina Public Health Association 2007 Annual Education Conference, Research Triangle Park, NC, Sep 26, 2007 [abstract, poster presentation]
- Ghneim-G, Wu-S, Westlake-M, **Scholer-MJ**, Travers-D and Waller-AE, Defining and Applying a Method for Establishing Gold Standard Sets of Emergency Room Visit Data, *Advances in Disease Surveillance*, Vol 2, 2007 [abstract]
- Forbach-C, **Scholer-MJ**, Falls-D, Ising-A and Waller-AE, Improving System Ability to Identify Symptom Complexes in Free-Text Data, *Advances in Disease Surveillance*, Vol 2, 2007 [abstract & poster presentation]
- MacFarquhar-JK, Sickbert-Bennett-EE, Waller-AE, Travers-D, **Scholer-MJ** and Davies-M, Evolution of a Syndromic Surveillance Case Definition, *Advances in Disease Surveillance*, Vol 1, 2006 [abstract]
- **Scholer-MJ**, MacFarquhar-JK, Sickbert-Bennett-EE, Kipp-A, Travers-D and Waller-AE, Reverse Engineering of a Syndrome Definition for Influenza, National Syndromic Surveillance Conference, Seattle, WA, Sep 15, 2005, oral presentation [abstract, oral presentation]
- Sickbert-Bennett-EE, **Scholer-MJ**, Butler-J, Travers-D, MacFarquhar-JK, Waller-AE and Ghneim-G, Evaluation of a Syndromic Surveillance System for the Detection of Acute Infectious Gastroenteritis Outbreaks — North Carolina, *MMWR*, August 26, 2005 / 54 (Suppl);201
- MacFarquhar-JK, Sickbert-Bennett-EE, Waller-AE, Travers-D, **Scholer-MJ** and Davies-M, Evolution of a Syndromic Surveillance Case Definition, National Syndromic Surveillance Conference, Seattle, WA, Sep 15, 2005 [abstract]
- **Scholer-MJ**, Waller-AE, Falls-D and Johnson-K, Development of a Syndrome Definition for Influenza-like illness, American Public Health Association 132<sup>nd</sup> Annual Meeting, Washington, D.C., Nov 8, 2004 [abstract & oral presentation]
- **Scholer-MJ**, Vissers-RJ, Page-B and De Maio-VJ, Pilot Study to Develop a Decision Rule for the Selective Use of CT Scan in Undifferentiated Abdominal Pain, presented at SAEM '03 in Boston, *AcadEmerg Med*, May 2003, 10(5), p.501 [abstract, poster presentation]
- **Scholer-MJ** and Nasjletti-A, Contribution of hydrogen peroxide to the coronary vasodilatory effect of heme, presented at Vascular Biology '98 in San Francisco, CA, *Microcirculation Abstracts 1998*
- Kozma-F, **Scholer-MJ**, Johnson-RA and Nasjletti-A, Vasodilatory function of the heme-hemeoxygenase-carbon monoxide system, presented at Vascular Biology '97 in New Orleans, LA, *Microcirculation Abstracts 1997*
- Johnson-RA, Lavesa-M, **Scholer-MJ** and Nasjletti-A, Preferential vasodepressive actions of hemeoxygenase substrates and carbon monoxide in hypertensive rats, presented at Experimental Biology '96 in Washington, D.C., *FASEB Journal Abstracts 1996*
- **Scholer-MJ** and Nasjletti-A, Carbon monoxide mediates the coronary vasodilator effect of heme in isolated rat hearts, presented at Experimental Biology '96 in Washington, D.C., *FASEB Journal Abstracts 1996*

- **Scholer-MJ**, YT Fan-N and Stier-CT Jr., Effect of chronic endothelin receptor blockade on blood pressure and proteinuria in stroke-prone spontaneously hypertensive rats, presented at Experimental Biology '95 in Atlanta, GA, FASEB Journal Abstracts Part II 1995
- Stier-CT, YT Fan-N and **Scholer-MJ**, Pressor responsiveness to big endothelin in stroke-prone spontaneously hypertensive rats, presented at Experimental Biology '95 in Atlanta, GA, FASEB Journal Abstracts Part I, 1995

Other Un-refereed Works:

- **Scholer-MJ**, Karten-R, Handheld Computers and the Emergency Medicine Resident, CORD Newsletter, April/May 2002

Teaching Record:

- 7/2016 – Present, Appointed as Core Faculty for the UNC Emergency Medicine Residency Program
- 9/2010-Present, Documentation and billing education for UNC Department of Emergency Medicine.
- 6/2007 - Present, “Emergency Medicine Documentation and Billing 101” Lecture
  - *Annual presentation to incoming emergency medicine residents, UNC Emergency Medicine Residency Program*
- 3/2007-Present, Instructor, UNC School of Medicine Capstone Course
  - *Teaching clinical skills to graduating 4<sup>th</sup> year medical students*
- 7/2003 - Present, Clinical teaching of residents and medical students in the emergency department, Attending Physician, Department of Emergency Medicine, UNC Hospitals
- 7/2003 - Present, Regular participation in UNC Emergency Medicine Residency educational conferences and journal club, Department of Emergency Medicine, UNC Hospitals
- 8/30/2014, “Advanced Documentation Tips in Epic”, lecture to emergency medicine residents, UNC Emergency Medicine Residency Program
- 5/27/2009, “Pandemic Influenza”, lecture to emergency medicine residents, UNC Emergency Medicine Residency Program
- 2/18/2009, “Pulmonary Infectious Disease”, lecture to emergency medicine residents, UNC Emergency Medicine Residency Program
- 6/11/2008, “Heme/Onc Emergencies”, lecture to emergency medicine residents, UNC Emergency Medicine Residency Program
- 12/12/2007, “Bioterrorist Threats: Clinical Recognition, Traditional Public Health Surveillance and Syndromic Surveillance”, lecture to emergency medicine residents, UNC Emergency Medicine Residency Program
- 10/2005, “Garbage In, Garbage Out: Information Systems in Emergency Services”, Panel Discussant, Swimming with Sharks: Controversies in Emergency Care Nursing Conference - Sponsored by UNC Hospitals Nursing Practice, Education, and Research
- 4/2005, “Choosing and Implementing an Emergency Department Information System”, Introduction to Management Information Systems in Health Care (HPAA 155), UNC School of Public Health – Health Policy and Administration, invited lecture
- 4/2004, Oral Boards Review, lecture to emergency medicine residents, UNC Emergency Medicine Residency Program
- 10/2002, Fiberoptics Lab, “Hand Me the Scope: The Essence of Laryngoscopy”, ACEP Scientific Assembly in Seattle, WA, instructor
- 6/2002 – 6/2003, Co-created and implemented “Teaching Resident” position, UNC Emergency Medicine Residency Program.
  - *Entailed developing, organizing and implementing changes to the senior resident responsibilities in the emergency department to better focus on core competencies*

- 6/2002 & 10/2002, “Introduction to Suturing”, instructor.
  - *Co-Developed, Organized and Implemented Suturing Course for Interns in Departments of Emergency Medicine, Pediatrics and Anesthesiology*
- 1995–1997, Instructor, Graduate Student Review Program, New York Medical College, Department of Pharmacology.
  - *Led review sessions for medical students on selected topics in medical pharmacology course*
- 1994, Tutor in Medical Pharmacology, Department of Minority Affairs, New York Medical College

Grants:

Completed:

- National Collaborative for Bio-Preparedness (NCB-Prepared)
  - Cairns (PI) 1/1/2012-12/2014
  - Project: NCB-Prepared is a public-private partnership among academic, government and industry leaders focused on developing a local, bottom-up approach to public health responsiveness and awareness via a comprehensive statewide data system and innovative technological solutions.
  - Role: Subject matter expert in syndromic surveillance, liaison between NCB-Prepared, UNC Department of Emergency Medicine, the Carolina Center for Health Informatics (CCHI) and NC DETECT.
  - Percent Effort: 5-10%
  - Funded By: U.S. Department of Homeland Security
- North Carolina Department of Health and Human Services
  - Waller (PI) 9/1/2002-08/2011
  - Project: The North Carolina Bioterrorism and Emerging Infections Prevention System (NC BEIPS) and the North Carolina Emergency Department Database (NCEDD).
  - Role: Clinical Specialist and Chair of the Syndrome Definition Workgroup
  - Percent Effort: 10% salary support
  - Funded By: North Carolina Department of Health and Human Services
- Centers for Disease Control and Prevention
  - Wetterhall (PI) 10/1/2005-9/30/2009
  - Project: BioSense Initiative to Improve Early Event Detection
  - Role: Site Principal Investigator for UNC
  - Percent Effort: 10-25% salary support over the course of the project
  - Amount: \$1,252,856 over 3 years (UNC portion \$400,233)
  - Funded By: 1-R01-PH-38-1 from CDC

- Junior Faculty Development Award
  - Scholer (PI) 1/1/2005-12/31/2005
  - Project: Creation of an Emergency Department Research Database
  - Role: Principal Investigator
  - Amount: \$5,000
  - Funded By: UNC School of Medicine

Research Experience:

- 8/2011- 6/2014, Development and Validation of a Pediatric Sedation Checklist
  - *Faculty mentor for Scott Connelly (Pediatric Emergency Medicine Fellow) on project to develop a safety checklist for pediatric procedural sedation using the Delphi Method*
  - *Co-investigators: Scott Connelly, Graham Snyder, Frances Shofer*
- 3/2010-6/2011, Identifying Emergency Department Patients with Healthcare Utilization Patterns Concerning for Prescription Drug Dependence or Abuse
  - *Principle investigator on research project designed to describe the characteristics of Emergency Department patients meeting the North Carolina Controlled Substances Reporting System's criteria suggesting inappropriate use of controlled substances. A linkage has been made between one year of de-identified UNC Emergency Department patient data and the NC Controlled Substances Reporting System. Prescription drug use history is being compared to patterns of ED utilization, ED chief complaint, ED diagnosis, ED disposition and deidentified demographic information.*
  - *Co-investigators: Josh McKinney, Tracey Deselm, Rich Medline, Timothy Platts-Mills, Samuel McLean, Frances Shofer, Antonio Fernandez, John Crouch*
- 07/2003–6/2013, Health Informatics Research
  - *Clinical and administrative research in the area of medical, clinical, research and public health informatics within the UNC Emergency Department, the Carolina Center for Health Informatics and in collaboration with the NC DETECT and the North Carolina Division of Public Health.*
- 10/2005-10/2009, BioSense Project to Improve Early Event Detection
  - *Principal site-investigator for a collaborative study between the Research Triangle Institute and UNCCCH to conduct research in support of the CDC BioSense Initiative. The overarching objective of this research is to define, test, validate, and standardize methodology for optimizing syndrome definitions designed for the early detection of disease outbreaks of public health importance using emergency department data from the North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT).*
- 7/2001–7/2003, Residency research project, Department of Emergency Medicine, UNCH
  - *“Pilot Study to Develop a Decision Rule for the Selective Use of CT Scan in Undifferentiated Abdominal Pain”, Preceptor – Robert J. Vissers, M.D.*
- 1994–2000, Doctoral Dissertation, Department of Pharmacology, New York Medical College
  - *Dissertation Topic: Regulation of Coronary Vascular Tone in the Isolated Perfused Rat Heart: Role of the HemeOxygenase System, Preceptor – Alberto Nasjletti, M.D., Professor, Department of Pharmacology.*
- 1994–1995, Graduate Research, New York Medical College
  - *Investigation of “The Contribution of the Peptide Vasoconstrictor Endothelin to the Maintenance of Blood Pressure in Stroke-prone Spontaneously Hypertensive Rats”, Preceptor – Charles T. Stier, Jr., Associate Professor, Department of Pharmacology.*

- 1993, New York Medical College Summer Research Fellowship
  - *Investigation of “Topical Induction of Cytochrome p450 in Rabbit Corneal Epithelium by Drugs Proven to Induce the Enzyme in Culture”, Preceptor – Michal L. Schwartzman, Professor, Department of Pharmacology, New York Medical College.*

Professional Service:

- 7/2016 – Present, Member, UNC Healthcare Hospital Ethics Committee
- 2/2016 – Present, Member, Carolina Value ED Functional Team
  - *Working group within the Carolina Value initiative that reports to the Clinical Operations Oversight Committee. This team focuses on specific areas of improvement related to emergency services across the healthcare system. Team leader is Christian Lawson, Director of Emergency Services for UNC Healthcare.*
- 2/2016 – Present, Member, UNC Healthcare Sepsis Program Steering Committee and the following subcommittees:
  - *Adult Expert Panel – oversight of sepsis bundle for inpatient sepsis screening and 1<sup>st</sup> hour treatment*
  - *Adult Core Implementation Team – creation of implementation timelines, creation of a training plan*
  - *Adult Ad Hoc Operational Team (Emergency Department) – Creation of operational area implementation plans*
  - *ED Council of Governance – foster support within the emergency department, provide further improvement opportunities and create sustainment plan for the emergency department*
- 1/2015 – Present, Clinical Scheduler, UNC Department of Emergency Medicine
  - *Responsible for emergency department attending physician clinical scheduling of over 35 faculty members at both the academic medical center in Chapel Hill and Hillsborough Hospital, a small community hospital*
- 12/2014 – Present, Epic@UNC Emergency Department Champion
  - *Informatics liaison between the UNC Emergency Department and the healthcare system*
  - *Responsible for overseeing faculty and resident education/training regarding use of Epic electronic medical record*
- 12/2014 – Present, Member, Epic Physician Informatics Council
  - *Physician leadership committee with oversight and policy development for Epic@UNC*
- 2/2013-Present, Epic@UNC Subject Matter Expert and Superuser
  - *Content expert in clinical informatics and emergency medicine for the Epic@UNC implementation project. Subject Matter Experts (SMEs) play a major role in validating and testing of the product created by the core team through participation in advisory group and design team meetings.*
  - *Part of Epic Superuser group responsible for overseeing Epic implementation and Go-Live within the department.*
  - *Responsible for resident documentation and billing education surrounding the Epic@UNC implementation.*
  - *Worked with professional billing to ensure adequate documentation and chart completion after Epic@UNC implementation.*
- 2/2012 – 11/2013, Member, Research Oversight Committee for the Emergency Medicine Fellowships, UNC Hospitals Program
  - *The Research Oversight Committee monitors the research done by fellows in Pediatric Emergency Medicine, Emergency Medical Services and Geriatric Emergency Medicine fellowships to ensure adequacy and to ensure compliance with subspecialty board certification requirements.*



- 7/2003 – 6/2013, Clinical Information Specialist, Carolina Center for Health Informatics, UNC Department of Emergency Medicine
  - *Domain expert in the field of emergency medicine information systems and clinical documentation. Liaison between UNC Emergency Medicine Faculty and the Carolina Center for Health Informatics.*
- 9/2004-8/2011, Chairperson, Syndrome Definition Workgroup, North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT, [www.ncdetect.org](http://www.ncdetect.org))
  - *Lead an interdisciplinary group of public health professionals and informaticians in the development and maintenance of syndrome definitions used in the NC DETECT statewide electronic disease surveillance system.*
- 4/2008-12/2008, “Applications of Methodologies to New Domains” co-track chair and program committee member, 2008 International Society for Disease Surveillance Annual Conference held in Raleigh, NC, Dec 25, 2008
- 9/24-9/25/2007, Invited Attendee, Syndrome Definition Meeting, Pittsburg, PA, Sponsored by the International Society for Disease Surveillance and hosted by Wendy Chapman, Ph.D., Assistant Professor of Biomedical Informatics and Intelligent Systems, Department of Biomedical Informatics, University of Pittsburgh
- 10/18/2006, Invited Attendee, Towards Vocabulary Control for Chief Complaint: A National Symposium, Baltimore, MD, Sponsored by the National Library of Medicine and hosted by Stephanie Haas, Ph.D., Professor, UNC School of Information and Library Sciences
- 8/2006, Invited Abstract Reviewer for 2006 National Syndromic Surveillance Conference, Baltimore, MD
- 6/2006, Invited Attendee, BioSense Science Meeting, CDC, Atlanta, GA
- 1/9/2006, Invited Attendee, group presentation of NC DETECT (North Carolina’s public health early event detection system) to staffers for US Senator Richard Burr and the Bioterrorism Subcommittee, Washington, DC
- 4/2005-1/2006, Emergency Department Data/Reporting Teleconference Group – Syndrome Definition Workgroup, Organized by the Oregon Department of Human Services, member/participant
- 4/2005-Present, Emergency Care HL-7 Special Interest Group, member
- 4/2005 & 3/2004, Poster Judge, Southeastern Regional SAEM Meeting, Chapel Hill, NC
- 6/2004, Computerized Physician Order Entry (CPOE) Implementation Committee, UNC Hospitals Department of Emergency Medicine, member
- 5/15/2004, Consensus Conference for Informatics and Technology in Emergency Department Health Care, SAEM 2004 Annual Meeting, Orlando Florida
  - *Participant in the development of consensus statement for Emergency Department Clinical Documentation and Emergency Department Reporting, Data Mining and Operations Management*
  - *Bedside Teaching in Emergency Medicine, participant in interactive workshop*
- 5/2004-10/2006, North Carolina Emergency Department Database: Advisory Committee, member
- 5/2004-9/2004, North Carolina Emergency Department Database: Syndrome Definition Committee, member.
- 5/2004-9/2007, Patient Safety Board, UNC Hospitals Department of Emergency Medicine, member.
- 3/2004-6/2006, Physician Training Coordinator, T-System Electronic Noting System, UNC Hospitals Department of Emergency Medicine.
- 12/2003–6/2006, T-System Electronic Noting System: Operations Committee, UNC Hospitals, member.
- 8/2003-5/2004, North Carolina Emergency Department Database: Infectious Disease Workgroup, member.

- 8/2003-6/2006, T-System Electronic Noting System: Clinical Committee, UNC Hospitals Department of Emergency Medicine, member.
- 2/2003–11/2003, Emergency Department Electronic Noting System Selection and Implementation Committee, UNC Hospitals, member
- 11/2002–12/2007, Emergency Department Informatics Committee, UNC Hospitals, member
- 11/2002–Present, Emergency Informatics Section, American College of Emergency Physicians, member
- 11/2002, Judge, Annual CPC Competition, Department of Emergency Medicine, UNC Hospitals
- 7/2002–8/2003, Webmaster, UNC Emergency Medicine Residency Website
- 6/2002–6/2003, Chief Resident, Emergency Medicine Residency Program, UNC Hospitals.
- 6/2002–6/2003, Residency Steering Committee, Department of Emergency Medicine, UNC Hospitals, member
- 6/2002–6/2003, Resident Duty Hours Task Force Committee, Department of Emergency Medicine, UNC Hospitals, member
- 6/2002–6/2003, Resident Forum Director, Emergency Medicine Residency Program, UNC Hospitals
- 6/2001–6/2003, Creator, UNC Emergency Medicine Residency Program channel for handheld computers
- 11/2000–6/2003, Admissions Committee, Emergency Medicine Residency Program, UNC Hospitals,
- member
- 6/2000–6/2003, Housestaff, UNC-Chapel Hill, Emergency Medicine
- 6/1996–6/1997, Vice President, Graduate Student Association, New York Medical College.

Professional Memberships:

- 1999-Present, Society for Academic Emergency Medicine
- 1999-Present, American College of Emergency Physicians
- 2005-2011, International Society for Disease Surveillance
- 2007-2008, American Medical Informatics Association
- 2004-2005, American Public Health Association