

LANCER ALAN SCOTT

Division of Emergency Medicine
Medical University of South Carolina
169 Ashley Avenue, MSC 300
Charleston, SC 29425-3000
(843) 792-9705
scottlan@musc.edu

ACADEMIC CREDENTIALS

AMERICAN BOARD OF EMERGENCY MEDICINE (ABEM)	2008-present
EMERGENCY MEDICINE RESIDENCY <i>The Brody School of Medicine, East Carolina University</i>	2004-2007 Greenville, NC
DOCTOR OF MEDICINE <i>University of North Carolina at Chapel Hill School of Medicine</i>	2000-2004 Chapel Hill, NC
BACHELOR OF ARTS, GOVERNMENT AND INTERNATIONAL RELATIONS <i>University of Notre Dame</i>	1988-1992 South Bend, IN
FOREIGN POLICY FELLOWSHIP <i>The American University's Washington Semester Program</i> <ul style="list-style-type: none">Foreign Policy Internship with The Brookings Institution	1990 Washington, DC
THE LONDON SEMESTER PROGRAM <i>University of Notre Dame at London</i>	1991 London, England

RESEARCH

Peer Reviewed Publications

- **Scott LA**, Carson DS, Greenwell IR. Disaster 101: A Novel Approach to Disaster Medicine Training for Health Professionals. *The Journal of Emergency Medicine*. 2010 Aug;39(2):220-6. Epub 2010 Jan 15.
- **Scott LA**. Letter. Disaster 101: A Novel Approach to Healthcare Students' Disaster Medicine and Emergency Preparedness Training. *Disaster Medicine and Public Health Preparedness*. 2009 Oct;3(3):139-40.
- **Scott LA**, Tintinalli JE, Brewer KL, Salgado, CD. Lumbar Puncture for Suspected Meningitis in Adults. *Infectious Disease and Clinical Practice*. 16(6): 298-302, September 2008.
- **Scott LA**. Lobbying Mediocrity. *Academic Emergency Medicine*. 15(7):669-71, July 2008.
- **Scott LA**, Brice JH, Baker CC, Shen P. An Analysis of EMT-Paramedic Verbal Reports to Physicians in the Emergency Department Trauma Room. *Prehospital Emergency Care*. 6(1):167, April/May 2003.

Other Publications

- **Scott LA**, Debunking the Myths of Lobbying. *Newsletter for the Society for Academic Emergency Medicine*. 17(6): 13-14, November/December 2005.

- **Scott LA**, SAEM's Future in Public Policy Reform. *Newsletter for the Society for Academic Emergency Medicine*. March/April 2005.

Presentations

- **Scott LA**, Carson DS, Johnson CJ, et al. Disaster 101: Can Fourth Year Medical Students Rapidly Learn a Novel Disaster Medicine and Emergency Preparedness Curriculum? American College of Emergency Physicians 2008 Scientific Assembly, Chicago, IL. October 27-28th, 2008. Poster presentation.
- **Scott LA**, Tintinalli JE, Brewer KL. Lumbar Puncture for Suspected Meningitis in Adults. The 2007 Society for Academic Emergency Medicine (SAEM) Southeast Regional Conference, Wilmington, NC, March 22-24, 2007. Poster presentation.
- **Scott LA** and Tintinalli JE. Lumbar Puncture Utilization on Adults in the Emergency Department Suspected of Having Meningitis. The 2004 Society for Academic Emergency Medicine (SAEM) Southeast Regional Conference, Chapel Hill, NC, March 19-20, 2004. Oral/Poster presentation.
- **Scott LA**, Brice JH, Baker CC, Shen P. An Analysis of Paramedic Verbal Reports to Physicians in the Emergency Department Trauma Room. The 2002 National Association of Emergency Medical Physicians (NAEMP) Annual Meeting, Tucson, AZ, January 16-18, 2002. Poster presentation.
- **Scott LA**, Brice JH, Baker CC, Shen P. An Analysis of Paramedic Verbal Reports to Physicians in the Emergency Department Trauma Room. The 34th Annual Student Research Day, University of North Carolina School of Medicine, January 30, 2002. Poster presentation.
- **Scott LA**, Brice JH, Baker CC, Shen P. An Analysis of Paramedic Verbal Reports to Physicians in the Emergency Department Trauma Room. Seventh Annual Emergency Medicine Research Forum, University of North Carolina's Friday Center, April 16, 2002. Oral Presentation.

TEACHING

Invited Lectures

- * Clinical Disaster Preparedness and Health Security. Department of Family Medicine Grand Rounds. MUSC. Charleston, SC. November 19, 2010.
- * Clinical Disaster Preparedness and Health Security. Department of Internal Medicine Grand Rounds. MUSC. Charleston, SC. August 31, 2010.
- * Health Security is Homeland Security. Southern Legislative Conference Annual Meeting, Atlantic Coast Task Force, Charleston, SC. August 3, 2010.
- * Street and Designer Drugs. Clinical Disaster Preparedness Conference, Medical University of South Carolina, July 22, 2010.
- * Role of Academic Health Centers in Disaster Response Networks. Conference on Disaster Response Utilizing Academic Institutional Resources, Emory University, July 25, 2010.
- * Toxicology 101. International Disaster Management Conference. Emergency Medicine Learning and Resource Center. Orlando, FL February 21, 2009
- * Lobbying Mediocrity: The Public Policy Influence of Physicians. New Speaker's Forum. 2008 American College of Emergency Physicians Scientific Assembly. Chicago, IL. October 28, 2008.
- * Toxicology 101. South Carolina DHEC Regional Disaster Summit, sponsored by the South Carolina Allied Health Education Consortium. Charleston Convention Center, Charleston, SC. August 15, 2008.
- * The Public Policy Influence of Physicians. The 2007 Society for Academic Emergency Medicine (SAEM) Southeast Regional Conference. Wilmington, NC. March 22-24, 2007.

Lectures

- * The Pediatric Shoulder: Dept of Pediatrics, Fellow's Lecture, September 22, 2010
- * Pediatric Simulation, Dept of Pediatrics, Interns, June 23, 2010
- * Disaster Medicine and Pediatrics: Dept of Pediatrics, Fellow's Lecture, May 12, 2010.
- * Introduction to Clinical Ethics: MS3 Follow up, April 29, 2010
- * Introduction to Clinical Ethics: Ethical Case Conference, April 8, 2010
- * Introduction to Clinical Ethics: Ethical Case Conference, March 25, 2010
- * Introduction to Clinical Ethics: MS3 follow up. February 25, 2010.
- * Introduction to Clinical Ethics: End of Life Care. January 28, 2010
- * Toxicology and Designer Drugs of Abuse: Pharmacology Students. November 13, 2009.
- * Introduction to Clinical Ethics: MS2. October 20, 2009.
- * Epidemiology 101. Lecture. MS4-PGY3. October 13, 2009.
- * Introduction to Clinical Ethics: Medical Errors. MS2. September 10, 2009.
- * Introduction to Clinical Ethics: Introduction. MS2. August 20, 2009.
- * Disaster 101: Didactic and Mass Casualty Exercise. MS4. March 30, 2009.
- * Pediatric Resuscitation and Simulation, MUSC Simulation Lab, PGY1-3 EM and Pediatric Residents, Jan 26, 2009.
- * Lobbying Mediocrity: Declining Political Influence of U.S. Physicians. MS4 and PGY1-2, November 11, 2008.
- * Introduction to Clinical Ethics: Resident Supervision. MS2. Oct 30, 2008
- * Introduction to Clinical Ethics: Resident Supervision. Tutorial. MS2. Oct 28, 2008
- * Introduction to Clinical Ethics: Medical Errors. MS2. Oct 23, 2008
- * Introduction to Clinical Ethics: Medical Errors. MS2. Tutorial. Oct 21, 2008
- * Introduction to Clinical Ethics: Religious Issues. MS2. Oct 16, 2008
- * Introduction to Clinical Ethics: Religious Issues. Tutorial. MS2. Oct 14, 2008
- * Introduction to Clinical Ethics: Psychiatric Patients. MS2. Oct 9, 2008
- * Introduction to Clinical Ethics: End of Life Care. MS2. Oct 2, 2008
- * Introduction to Clinical Ethics: Organ Donorship. MS2. Sept 18, 2008
- * Introduction to Clinical Ethics: Organ Donorship. Tutorial MS2. Sept 16, 2008
- * Introduction to Clinical Ethics: Capacity and Consent. MS2. Sept 4, 2008
- * Introduction to Clinical Ethics: Capacity and Consent. Tutorial. MS2. Sept 2, 2008
- * Introduction to Clinical Ethics: Negligence and Beneficence. MS2. August 28, 2008
- * Toxicology 101. Lecture. MS4, PGY1-2. August 26, 2008.
- * Introduction to Ethics: Intro. MS2. August 21, 2008.
- * The Ethics of Disaster Medicine. Journal Club. PGY 1-2. August 14, 2008
- * Subarachnoid Hemorrhage. Journal Club. PGY 1-2. June 4, 2008.
- * Lobbying Mediocrity: Declining Political Influence of U.S. Physicians. Internship 101. MS4. April 11, 2008.
- * Myocarditis. Journal Club, Peds/EM. PGY 1-2. April 7, 2008.
- * Lobbying Mediocrity: Declining Political Influence of U.S. Physicians. Internship 101. MS4. March 14, 2008
- * Disaster 101: Didactic and Mass Casualty Exercise. MS4. March 14, 2008.
- * Erythema Multiforme: A Review. Lecture. PGY1-2. February 20, 2008.
- * Toxicology of Designer Drugs: A Review. Lecture. PGY1-2. January 16, 2008.
- * Physician Influence in Public Policy: Historical Review. Lecture. PGY1-3. December 19, 2007.
- * ATLS Instruction: Shock. Lecture. Attending/Nurse/Paramedic. November 13-14, 2007.
- * ATLS Instruction: Blunt Trauma. Mega Code Skill Station, Attending/Nurse/Paramedic. November 13-14, 2007.
- * Medical Advances for the Brain Injured Child. Journal Club, Peds/EM, PGY 1. October 15, 2007.

WORK EXPERIENCE

***ASSISTANT PROFESSOR, EMERGENCY MEDICINE
DIRECTOR, CENTER FOR OPERATIONAL MEDICINE
DIRECTOR, CENTER FOR HEALTH PROFESSIONAL
TRAINING AND EMERGENCY RESPONSE (CHPTER)
Division of Emergency Medicine
Medical University of South Carolina
(* pending Board of Trustees approval)**

**August 2007 - present
Charleston, SC**

Clinical leadership in the Adult and Pediatric Emergency Rooms including the supervision and training of residents, medical students, nurses and physician assistants.

- Awarded 35K grant in partnership with South Carolina Allied Health Education Consortium (AHEC) to help advance disaster preparedness curriculum tailored to health providers.
- Developed 'Disaster 101' curriculum at MUSC, the first standardized disaster medicine curriculum at the University tailored specifically to help train medical students and residents.
- Helped develop university's first comprehensive Mass Casualty Incident (MCI) plan.
- Faculty Senator, 2008-present
- Promoted to Assistant Professor after 22 months.
- Peer reviewer, Journal of Emergency Medicine (JEM), 2007-present.

**VISITING FELLOW, DISASTER MEDICINE
OFFICE OF THE CHIEF MEDICAL OFFICER
U.S. Department of Homeland Security**

**October 2006
Washington, DC**

Assisted Department of Homeland Security's (DHS) Chief Medical Officer to develop an 'all hazards' disaster mitigation strategy for critical domestic security issues that affect public health – for example, biological terrorism and pandemic influenza.

- Assisted and drafted portion of agreement between Canada, the United States and Mexico under the Security Prosperity Partnership for North America (SPP) to help mitigate the effects of pandemic influenza in North America.
- Developed curriculum on disaster preparedness and bioterrorism that will offer future Emergency Medicine Residents opportunity to train at DHS.

**MEMBER, BOARD OF DIRECTORS
*Society for Academic Emergency Medicine (SAEM)***

**2005 - 2006
East Lansing, MI**

Helped lead a large professional society of 5000 Emergency Physicians representing more than one hundred academic departments. Fiduciary responsibility included the development of a five million dollar research fund, balancing a two million dollar operating budget, the cultivation new opportunities for research in Emergency Medicine as well as planning the Society's comprehensive annual meeting.

- Won national election to represent nearly 2000 SAEM Resident Members on the Board of Directors.
- Helped balance five million dollar budget.
- Developed editorial series on "Emergency Physicians and Lobbying" advocating change to SAEM's current public policy advocacy agenda.

**PRIMARY INVESTIGATOR
UNC DEPARTMENT OF EMERGENCY MEDICINE**

**2003 - 2004
Chapel Hill, NC**

University of North Carolina Hospitals

Developed research project that analyzed the extent to which lumbar punctures (LP) are effectively utilized on adults in the Emergency Department who are suspected of having meningitis. The project described which adult patients actually receive an LP, detailed their CSF analysis and outlined the extent to which LP's may adversely impact patients by comparing, for example, the length of stay between LP and non-LP patients.

- Project received top honors for at the Society for Academic Emergency Medicine (SAEM) Southeast Regional Conference in Chapel Hill, NC, 2004.

PRIMARY INVESTIGATOR
UNC DEPARTMENT OF EMERGENCY MEDICINE
University of North Carolina Hospitals

2001 - 2002
Chapel Hill, NC

Developed research project that measured the extent to which verbal communication between physicians and paramedics in the Emergency Trauma Room is effective. The project utilized audio recordings of the patient handover process and measured physician recall of paramedic verbal statement after patient care had been completed. Trained research assistants coded the responses and recall was statistically analyzed using the Statistical Analysis System (SAS).

- Developed java based, web-accessible educational module to assist paramedics in three North Carolina counties with trauma training including verbal communication skills.
- Project received top honors during UNC's Student Research Day as well as top departmental honors from the UNC Department of Emergency Medicine.

EMERGENCY MEDICAL TECHNICIAN
Orange EMS & Rescue Squad, Inc.

1998 - 2002
Chapel Hill, NC

Responding to 911 phone calls including cardiac, diabetic, and pediatric emergencies. Also responding to simple trauma, hazardous materials, patient extrication and other vehicle accidents.

- Developed community outreach programs including car-seat safety and CPR instruction.
- Helped implement Squad's first state-certified Continuing Education program.
- Promoted to EMS Training Lieutenant in August 1999.

CONSULTANT
*North Carolina Health Information
and Computing Alliance (NCHICA)*

1998
Research Triangle Park, NC

Served as a consultant to North Carolina's largest healthcare information technology alliance including the University of North Carolina-Chapel Hill Medical Center, the Governor's Office, EDS, Glaxo and Sprint.

- * Assisted with the drafting of Working Group proposal to link North Carolina State Rural Health Centers with video telecommunications capabilities.
- * Established short and long-term political strategy to increase the likelihood of federal funding for NCHICA projects.

MANAGER, WASHINGTON OFFICE
Novell, Inc.

1996-1997
Washington, DC

Established corporation's first lobbying office in Washington. Primary responsibilities included advocacy before state and federal government agencies, serving as liaison between Novell engineers and policy-makers in Washington, leadership in industry trade alliances, media communications and community service project development.

- * Chaired Telecommunications Working Group of the Business Software Alliance (BSA), which translates the technical interests of Novell, Intel, IBM and Microsoft. Working Group efforts led to a Federal Communications Commission (FCC) rate exemption for packet-switched communications, saving Internet consumers billions per year.
- * Founded and chaired new industry technical alliance, "SW@T/FCC," including Oracle, Sun Microsystems and Netscape, to assist FCC policy-makers with technical questions regarding Internet communications. Alliance efforts led to FCC rules making illegal the regulation of advanced information technologies.
- * Helped convince Clinton Administration to lift export controls on U.S. cryptography products with up to 56-bit keys.
- * Helped convince Clinton Administration to reject "Clipper Chip III" proposal to require third-party key holders for U.S. cryptography above 56-bit security.

LEGISLATIVE ASSISTANT

U.S. Representative Anna G. Eshoo (Silicon Valley, CA)

1993 -1996

Washington, DC

Assisted the Congresswoman on telecommunications, trade, technology, tax/finance, defense, transportation, foreign affairs, crime, housing, civil rights and welfare. Activities included assisting California communities with federal grants, drafting legislation and speeches for consideration on the floor of Congress, investigating constituent inquiries, developing legislative agenda and negotiating major bills in the House Commerce Committee.

- * Helped secure over \$1 Billion worth of federal technology grants and procurements for Silicon Valley high technology companies and universities – including the B Factory at the Stanford Linear Nuclear Accelerator (SLAC), the International Space Station and various Technology Reinvestment Project (TRP) grants from the Department of Defense.
- * Helped secure millions in Community Policing Grants to hire officers for East Palo Alto. Formerly ranked as the "Murder Capital" of the United States, East Palo Alto crime rate declined significantly after the introduction of new officers.
- * Helped found Congress' first Internet Caucus, a legislative body dedicated to educating lawmakers about the Internet.
- * One of 30 staff members to draft the final version of the Telecommunications Act of 1996, legislation deregulating local phone service. Drafted and passed a section in the bill protecting consumers' home computers from unnecessary FCC technical standards.
- * One of 30 staff members to draft the final version of the Securities Litigation Act of 1996, legislation limiting frivolous shareholder lawsuits. Drafted and passed section protecting companies' "forward looking" financial statements from baseless suits.
- * Produced the House of Representative's first satellite-linked telemedicine demonstration with the assistance of Hewlett-Packard, Kodak and US West.

PRESS AND RESEARCH ASSISTANT

*U.S. House of Representatives, Committee on Science,
Space and Technology*

1992 -1993

Washington, DC

Managed Committee's press agenda including media communications, hearing preparations for five subcommittees, and media support for Committee Members. Also completed first draft of Committee report, "Environmental Degradation – The National Science Foundation's Facilities in Antarctica." (1993)

HONORS AND AWARDS

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- * **Teacher of the Month (nomination)**, College of Medicine, Student Body, Medical University of South Carolina (2010).
 - * **Outstanding Manuscript**, Resident Research Day, Department of Emergency Medicine, East Carolina University (2007).
 - * **Isaac Hall Manning Award** presented by the faculty of the University of North Carolina School of Medicine to the member of the graduating class who best exemplifies “outstanding scholarship, character, leadership, initiative and original investigative work.”
 - * **SAEM Excellence in Emergency Medicine Award** presented by the faculty of the University of North Carolina School of Medicine to the senior student who best exemplifies the qualities of an excellent emergency physician.
 - * **The Michiko Kuno Award** recognizing the outstanding poster presentation, “An Analysis of EMT-Paramedic Verbal Report to Physicians in the Emergency Department,” Student Research Day, University of North Carolina School of Medicine (2002).
 - * **Best Emergency Medical Services Presentation**, Seventh Annual University of North Carolina Department of Emergency Medicine Research Forum (2002).
 - * **Honorable Mention, 2002 Social Medicine Paper Award**, presented during the awards ceremony of the University of North Carolina School of Medicine’s Annual Whitehead Lecture (2002).
 - * **John B. Graham Research Society** (2002).
 - * **Eugene S. Mayer Community Service Honor Society** (2002).
 - * **North Carolina EMS & Rescue Association Scholarship** recognizing exemplary service as a North Carolina Emergency Medical and Rescue Technician (2000-2004).
 - * **Graduated with honors**. University of Notre Dame (1992).
 - * **The Paul E. Bartholomew Award** recognizing the outstanding senior research thesis in American Government, “Political Apathy and Urban Youth,” (1992).
 - * **Finalist, William J. Fulbright Fellowship**, “A Comparative Study of Linkages between Political Apathy and Urban Decay,” (1995).

PROFESSIONAL MEMBERSHIP

- South Carolina Medical Association (SCMA), 2009-present
- South Carolina College of Emergency Physicians (SCCEP), 2008-present
- American College of Emergency Physicians (ACEP), 2002-present
- Society for Academic Emergency Medicine (SAEM), 2002-present

PROFESSIONAL CERTIFICATION

- Advanced Cardiac Life Support (ACLS), 2000-present
- Advanced Trauma Life Support (ATLS), 2004-present
- Advanced Trauma Life Support (ATLS) Instructor, 2006-present
- Pediatric Advanced Life Support (PALS), 2004-present
- American Disaster Life Support (ADLS), 2008-present
- American Disaster Life Support (ADLS) Instructor, 2008-present
- U.S. National Security Clearance, Suitability, 2006
- National Incident Management System (NIMS) Certification, 2006
 - IS-00100 – Incident Command System (ICS)
 - IS-00200 – ICS for Single Resources and Initial Actions Incidents
 - IS-00700 – National Incident Management System (NIMS)
 - IS-00800 – National Response Plan (NRP)