

# Edward C. Jauch, MD, MS, FACEP, FAHA

Curriculum Vitae

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## SCHOOL ADDRESS

Division of Emergency Medicine  
Department of Medicine  
College of Medicine  
169 Ashley Ave MSC 300  
Charleston SC 29425  
Work Email : jauch@musc.edu  
Work Phone : 843-792-5058  
Work Fax : 843-792-9706

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## EDUCATION

Year	Degree	Major	Institution
1978 - 1982	B.S.	Mechanical Engineering	University of Dayton
1982 - 1986	M.S.	Mechanical Engineering	Cornell University
1988 - 1993	M.D.	Medicine	University of Cincinnati

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## POSTDOCTORAL EDUCATION

Year	Institution	Role
1996 - 1997	University of Cincinnati, University Hospital	Chief Resident
1993 - 1996	University of Cincinnati, University Hospital	Resident
1986 - 1987	University of Kansas	Post graduate Studies, Mechanical Engineering / Biomechanics

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## LICENSURE AND CERTIFICATION

Year	Description
2010-present	Licensure - DHEC
2010-present	Licensure - ACLS Provider
2008-present	Licensure - South Carolina State Medical License
1995-present	Licensure - Ohio
1994-2008	Licensure - Kentucky State Medical License
2009	Certification - American College of Physician Executives Physician in Management Course
2008-present	Certification - ATLS Provider
2005	Certification - Emergency Ultrasound Course, SC of College Emergency Physicians
1998,2008	Certification - American Board of Emergency Medicine
1997-2008	Certification - ACLS Provider/Instructor
1995-present	Certification - DEA
1994	Certification - National Board of Medical Examiners

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## FACULTY APPOINTMENTS

Year	Institution	Role
2010 - Present	Medical University of South Carolina, Medicine, Division of Emergency Medicine	Professor
2010 - Present	Medical University of South Carolina, Neurosciences, Division of Neurology	Professor
2010 - Present	Medical University of South Carolina, Graduate Studies	Professor
2009 - 2010	Medical University of South Carolina, Graduate Studies	Associate Professor
2008 - 2010	Medical University of South Carolina, Medicine, Division of Emergency Medicine	Associate Professor
2008 - 2010	Medical University of South Carolina, Neurosciences, Division of Neurology	Associate Professor
1997 - 2008	University of Cincinnati, Emergency Medicine	Assistant Professor
1988 - 1989	University of Cincinnati, Orthopaedic Surgery	Assistant Professor of Research

1988 - 1989 University of Kansas, Orthopedic Surgery

Assistant Professor

#### ADMINISTRATIVE POSITIONS

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<b>Year</b>	<b>Academic Title</b>	<b>Institution</b>
2011 - Present	Division Director (Interim), Division of Emergency Medicine	Medical University of South Carolina, Medicine
11/2011 - Present	Director, Emergency Stroke Services	Medical University of South Carolina, Neurosciences
05/2011 - Present	Associate Vice Chairman of Research	Medical University of South Carolina, Medicine
09/2009 - Present	Research Director, Division of Emergency Medicine	Medical University of South Carolina, Medicine
2006 - 2008	Director, Emergency Medicine Stroke Elective	University of Cincinnati, Emergency Medicine
1998 - 2008	Director, Medicine Biosample Repository	University of Cincinnati, Emergency Medicine
1998 - 2003	Faculty, Injury Prevention Course	Cincinnati Children's Hospital Medical Center, Emergency Medicine
1997 - 2001	Faculty Advisor, Emergency Medicine Club	University of Cincinnati, Emergency Medicine
1997 - 2001	Director, Fourth Year Medical Student Education	University of Cincinnati, Emergency Medicine
1997 - 2000	Director, First and Second Year Medical Student Education	University of Cincinnati, Department of Emergency Medicine, Emergency Medicine
1992 - 1993	Director, Research and Basic Science Education	University of Kansas, Orthopaedic Surgery

#### HOSPITAL PRIVILEGES

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<b>Year</b>	<b>Title/Position</b>	<b>Institution/Organization</b>	<b>Comments</b>
2010 - Present	Consulting Physician	Piedmont Medical Center, Rock Hill, SC	Acute Stroke Telemedicine Attending Privileges
2010 - Present	Consulting Physician	Coastal Carolina Hospital, Hardeville, SC	Acute Stroke Telemedicine Attending Privileges
2010 - Present	Consulting Physician	Springs Memorial Hospital, Lancaster, SC	Acute Stroke Telemedicine Attending Privileges
2010 - Present	Consulting Physician	Veterans Administration Medical Center, Charleston, SC	Acute Stroke Telemedicine Attending Privileges
2010 - Present	Consulting Physician	Carolina Pines Regional Medical Center, Hartsville, SC	Acute Stroke Telemedicine Attending Privileges
2010 - Present	Consulting Physician	Self Regional Medical Center, Greenwood, SC	Acute Stroke Telemedicine Attending Physician
2010 - Present	Consulting Physician	Loris Community Hospital/Loris Healthcare System, Loris, SC	Acute Stroke Telemedicine Attending Physician
2010 - Present	Consulting Physician	Loris Seacoast Hospital/Loris Healthcare System, Little River, SC	Acute Stroke Telemedicine Attending Physician
2010 - Present	Consulting Physician	Kershaw Medical Center, Camden, SC	Acute Stroke Telemedicine Attending Privileges
2008 - Present	Physician	Medical University of South Carolina/Division of Emergency Medicine, Charleston, SC	Emergency Medicine Attending Privileges
2008 - Present	Physician	Medical University of South Carolina/Division of Emergency Medicine, Charleston, SC	Emergency Medicine Attending Privileges-Ashley River Tower Chest Pain Center
2008 - Present	Consulting Physician	Georgetown Memorial Hospital, Georgetown, SC	Acute Stroke Telemedicine Attending Privileges
2008 - Present	Consulting Physician	Waccamaw Community Hospital, Murrells Inlet, SC	Acute Stroke Telemedicine Attending Privileges
2008 - Present	Consulting Physician	Marion Regional Health System, Marion, SC	Acute Stroke Telemedicine Attending Privileges
2008 - Present	Consulting Physician	McLeod Regional Medical Center, Florence, SC	Acute Stroke Telemedicine Attending Privileges

2008 - Present	Consulting Physician	Williamsburg Regional Hospital, Kingstree, SC	Acute Stroke Telemedicine Attending Privileges
2008 - 2011	Consulting Physician	Grand Strand Regional Medical Center, Myrtle Beach, SC	Acute Stroke Telemedicine Attending Privileges
2008 - 2008	Physician	Charleston County Memorial Hospital, Charleston, SC	Emergency Medicine Attending Privileges
1997 - 2008	Physician	Bethesda North Hospital	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Consulting Physician	Good Samaritan Hospital	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Physician	The Christ Hospital	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Physician	Jewish Kenwood Hospital	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Consulting Physician	The Franciscan Hospitals-Western Hills and Mt. Airy	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Consulting Physician	Mercy Anderson and Fairfield Hospitals	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Consulting Physician	Veterns Administration Medical Center	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Physician	University Hospital	Emergency Medicine Attending Privileges (Ohio)
1997 - 2008	Physician	St. Elizabeth South, North and Grant County Hospitals	Emergency Medicine Attending Privileges (Kentucky)
1997 - 2008	Consulting Physician	St. Luke East and West Hospital	Emergency Medicine Attending Privileges (Ohio)
1993 - 1997	Resident Physician	Childrens Hospital Medical Center	Emergency Medicine (Ohio)

#### PROFESSIONAL SOCIETIES/ASSOCIATIONS - INTERNATIONAL

Year	Society/Association	Role
2002 - Present	World Stroke Society	Member
1987 - 1993	International Society for Fracture Repair	Charter Member

#### PROFESSIONAL SOCIETIES/ASSOCIATIONS - NATIONAL

Year	Society/Association	Role
2012 - Present	Alliance for Academic Internal Medicine (AAIM)	Member
2011 - Present	Association of Specialty Professors	Member
1998 - Present	American College of Emergency Physicians	Member, Committee Chair
1998 - 2008	Ohio Chapter, American College of Emergency Physicians	Past Member
1997 - Present	American Heart Association/Stroke Council	Member, Vice Chair
1997 - Present	National Stroke Association	Member
1996 - Present	Society for Academic Emergency Medicine	Member
1989 - 2004	American Medical Association	Past Member
1988 - 1993	American Society of Biomechanics	Past Member
1982 - 1991	National Society of Professional Engineers	Past Member

#### PROFESSIONAL SOCIETIES/ASSOCIATIONS - REGIONAL

Year	Society/Association	Role
2009 - Present	South Carolina Medical Association	Member
2008 - Present	South Carolina Chapter, American College of Emergency Physicians	Board of Directors
1995 - 2004	Ohio State Medical Association	Past Member

#### JOURNAL ARTICLES REVIEWED

Year	Society/Association	Role
12/2010 - Present	Frontiers in Stroke	Review Editor
2005 - Present	Stroke	Editorial Board
2005 - Present	Academic Emergency Medicine	Journal Reviewer
2005 - Present	Annals of Emergency Medicine	Journal Reviewer
2005 - Present	Clinical Chemistry	Journal Reviewer

2000 - Present	European Journal of Emergency Medicine	Journal Reviewer
2000 - Present	Experimental Neurology	Journal Reviewer
2000 - Present	Annals of Neurology	Journal Reviewer
2000 - 2010	Frontiers in Teleneurology	Journal Reviewer
2000 - 2010	Journal of Neurochemistry	Journal Reviewer
2000 - 2010	Journal of Neurology, Neurosurgery, and Psychiatry	Journal Reviewer
2000 - 2010	Nature Clinical Practice Neurology	Journal Reviewer
2000 - 2010	Emergency Medicine Reports	Journal Reviewer

#### EDITORIAL REVIEW BOARD

Year	Society/Association	Role
10/2011 - Present	Frontiers in Teleneurology	Editorial Board Member

#### CONTRACTS OR GRANTS

Year	Funding Source	Agency Award Number	Amount Funded	PI/CO-PI	% Effort	Grant Title
04/2012 - 03/2018	NIH/NINDS	1 U01 NS074984-01A1	\$38,672	Principal Investigator	15	MINOTAUR Study. (Subaward PI)
02/2012 - 02/2013	NIH/NCRR	UL1RR029882	\$20,000	Principal Investigator	5	South Carolina Clinical and Translational Research (SCTR) Pilot Project Program
07/2010 - 07/2013	US Army/USAMRAA	W81XWH-10-2-0057	\$496,850	Co-Principal Investigator	20	Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW) Project 9
2009 - 2010	Idaho Technology, Inc.		\$24,000	Co-Investigator	2	Clinical Evaluation of the FilmArray Respiratory Panel (RP) System
10/2007 - 09/2012	NIH/NIBIB	U54EB007954		Principal Investigator		Point of Care Center for Emerging Neurotechnologies- Core 3: Point of Care Center for Emerging Neurotechnologies (POC-CENT); Even though this project is ongoing, Dr. Jauch's role was completed upon transfer to MUSC
09/2007 - 06/2012	NIH/NIBIB (University of Cincinnati)	5U54 EB007954-02		Co-Investigator		Point of Care Center for Emerging Neurotechnologies (POC-CENT) Project 1 and Project 3; Even though this project is ongoing, Dr. Jauch's role was completed upon transfer to MUSC
09/2006 - 08/2016	NIH/NINDS	5 U01 NS059041-06	\$1,098,903	Co-Investigator	5	Neurological Emergencies Treatment Trials Network Statistical and Data Management (NETT)
09/2006 - 08/2011	NIH/NINDS	5U10 NS058982-02		Co-Investigator		The Greater Cincinnati/Northern Kentucky NETT Network Hub and Spoke System, Even though this project is ongoing, Dr. Jauch's role was completed upon transfer to MUSC
09/2005 - 11/2011	NIH/NINDS (University of Cincinnati subcontract)	5 U01 NS052220	\$195,553	Co-Investigator	15	Interventional Management of Stroke Study III (IMS III)
09/2005 - 07/2016	NIH/NINDS	2 R01 NS054630-06	\$1,228,232	Co-Investigator	10	Statistical and Data Coordinating Center for ALIAS and IMS III Trials
09/2002 - 04/2013	NIH/NINDS (University of Cincinnati subcontract)	5 P50 NS044283-09	121,063	Principal Investigator	7	Recanalization Therapies and Markers of Stroke Outcome (STOP-IT). PI on Project 2.

#### HONORS AND AWARDS

Year	Description
2012 - 2012	ACEP's <i>Annals of Emergency Medicine</i> , 50 Top Peer Reviewers in 2011
2011	Healthcare Hero Award Finalist, Charleston, SC
09/2010	ACEP Leadership Recognition Award, ACEP Conference, Las Vegas, Nevada
2007	Outstanding Speaker Award, American Academy for Clinical Chemistry Annual Mtg, Quebec City
2004	Outstanding Speaker Award, American Academy for Clinical Chemistry Annual Mtg, Los Angeles
2003	Society for Academic Emergency Medicine Young Investigator Award
2001	Fellow, American College of Emergency Physicians

2001	Golden Apple Resident Teaching Award, Department of Emergency Medicine, University of Cincinnati
2000	State of Ohio Quality of Care Award
1999	Fellow, American Heart Association National Stroke Council
1994	Michael Spadafora Outstanding Resident Award
1994	UpJohn Outstanding National Resident Award Nominee
1993	SAEM Excellence in Emergency Medicine Award
1989 - 1993	Kruecker Merit Scholarship
1989	Nominated, Outstanding Young Engineer, Kansas State Engineering Society
1987	Outstanding Research Performance Award, Veterans Administration Medical Center
1982 - 1985	Cornell University McMullen Scholarship
1982	Bro. Andrew Weber Excellence & Outstanding Service / Achievement Award, University of Dayton
1982	Pi Tau Sigma, Tau Beta Pi / National Engineering Honor Societies University of Dayton
1982	American Society of Mechanical Engineers Outstanding Senior Award, University of Dayton
1978 - 1982	University of Dayton Presidential Scholarship
1978	Dayton Area Scholarship, University of Dayton

#### HOSPITAL COMMITTEES

Year	Name of Committee	Role	Institution
2011 - Present	Medical Executive Committee	Member	Medical University of South Carolina

#### EXTERNAL GOVERNANCE OR COMMITTEES

Year	Name of Committee	Role	Institution
2012 - Present	Scientific Review Group BRAIN-2	Member	American Heart Association
2012 - Present	NINDS Special Emphasis Panel/Scientific Review Group 2012/05ZNS1 SRB-N (01).	Member	National Institutes of Health
2011 - Present	Delivery System Reform Taskforce (DSRTF)	Member	American College of Emergency Physicians
2011 - Present	Technical Advisory Panel (TAP) for Comprehensive Stroke Certification (CSC)	Member	The Joint Commission
2011 - Present	Stroke Council Leadership Committee	Chair	American Heart Association
2011 - Present	Science Advisory & Coordinating Committee	Member	American Heart Association
2011 - Present	Manuscript Oversight Subcommittee	Member	American Heart Association
2011 - Present	Liaison for the Stroke Council on the American Stroke Association Advisory Committee	Member	American Heart Association
2010 - Present	Research Committee	Chair	American College of Emergency Physicians
2010 - Present	Committee on Scientific Sessions Program	Stroke Council Representative for Core 4	American Heart Association
2009 - Present	Board of Directors	Member	Emergency Medical Foundation
2009 - Present	Stroke Urgent Response System Subcommittee	Co-Chair	South Carolina Department of Health
2009 - Present	Stroke Scientific Oversight Committee	Member	American Heart Association
2009 - Present	Stroke Long Range Committee	Member	American Heart Association
2009 - 2011	Stroke Council Leadership Committee	Vice Chair	American Heart Association
2009 - 2011	Research Section Committee	Chair	American College of Emergency Physicians
2009 - 2010	Research Committee	Member	American College of Emergency Physicians
2009 - 2010	National Institute for Neurologic Disorders and Stroke (NINDS) Research Core Data Element Working Group	Member	National Institutes of Health
2009 - 2009	NINDS "Know Stroke" Program Sponsor, Charleston SC	Chair	National Institutes of Health
2008 - Present	Industry Relations Committee	Member	Society for Academic Emergency Medicine
2008 - Present	Stroke Systems of Care Study Committee	Vice Chair	South Carolina Department of Health
2008 - Present	Standards of Care Review Panel	Member	American College of Emergency Physicians
2008 - 2010	Scientific Review Committee	Chair	American College of Emergency Physicians
2008 - 2010	Writing Group Committee, Primary Stroke Prevention Guidelines	Member	American Heart Association
2008 - 2008	Emergency Medicine Research Roundtable on Opportunities to Advance Research on Neurological and Psychiatric Emergencies	Co-Chair	National Institutes of Health
2007 - Present	Clinical Guidelines Committee	Member	Society for Academic Emergency Medicine
2007 - Present	Research Committee/NIH Liaison Subcommittee	Member	American College of Emergency Physicians
2007 - 2011	Emergency Cardiovascular Care Committee	ASA Liaison	American Heart Association
2007 - 2011	ASA Emergency Cardiovascular Care Task Force	Chair	American Heart Association
2007 - 2008	Acute Stroke Designation Advisory Committee	Member	American Heart Association

2006 - Present	Emergency Medicine Research Section	Member	American College of Emergency Physicians
2006 - Present	Professional Advisory Council	Member	National Stroke Association
2006 - Present	NINDS Field Administration of Stroke Therapy – Magnesium Trial (U01NS044364) DSMB	Member	National Institutes of Health
2006 - 2011	AHA Post Circulatory Arrest Syndrome Working Group	Liason	American College of Emergency Physicians
2006 - 2011	Writing Committee, Metrics of Comprehensive Stroke Centers Guidelines	Member	American Heart Association
2006 - 2010	Writing Committee, Telemedicine in Acute Stroke Guidelines	Member	American Heart Association
2006 - 2010	Stroke Task Force, ECC-ILCOR 2010 Consensus on Sci.	Chair	American Heart Association
2006 - 2009	Emergency Neurovascular Care Committee	Chair	American Heart Association
2006 - 2008	Writing Committee, Prehospital Care in Acute Stroke Guidelines	Member	American Heart Association
2006 - 2006	NINDS Stroke Progress Review Group – Health Services Implementation Group	Member	National Institutes of Health
2005 - 2011	Stroke Council Leadership Committee	Member at Large	American Heart Association
2005 - 2011	ASA Comprehensive Stroke Center Committee	Liaison	American College of Emergency Physicians
2005 - 2010	Professional Meetings Program Planning Committee	Member	National Stroke Association
2004 - Present	NINDS Emergency Medicine Neurology Clinical Trials Network Group	Member	National Institutes of Health
2004 - 2008	Act for Stroke Program, National Stroke Association	Co-Chair	National Stroke Association
2004 - 2008	Scientific Review Committee	Committee Clinical Study Chair	American College of Emergency Physicians
2004 - 2007	Scientific Advisory Committee	Member	American Heart Association
2003 - Present	Advisory Board	Member	Foundation for Education and Research in Neurologic Emergencies
2003 - 2012	ECC Advanced Cardiac Life Support SubCommittee	Member	American Heart Association
2003 - 2006	Chairman Stroke Task Force	ECC-ILCOR 2005 Consensus on Science	American Heart Association
2003 - 2003	Organizing Committee, Resuscitative Hypothermia, Academic Industry Roundtable	Member	Society for Academic Emergency Medicine
2002 - 2002	NINDS Symposium, Improving the Chain of Recovery for Acute Stroke in Your Community	Member	National Institutes of Health
2001 - 2008	Scientific Review Committee	Member	American College of Emergency Physicians
2001 - 2005	Council on Stroke & Prevention	Member	Ohio Department of Health
2001 - 2004	Neurologic Emergencies Interest Group	Chairman	Society for Academic Emergency Medicine
2000 - 2008	Advisory Council, CHMC	Member	Regional Autism, Ohio
1999 - 2007	Steering Committee	Member	Childrens Hospital Center for Development Disorders, Cincinnati, OH
1998 - Present	Neurologic Emergencies Interest Group	Member	Society for Academic Emergency Medicine

#### UNIVERSITY COMMITTEES

<b>Year</b>	<b>Name of Committee</b>	<b>Role</b>	<b>Institution</b>
2012 - Present	Clinical Enterprise Strategic Plan Committee - Urgent Care Strategy for Tricounty Area.	Co-Chair	Medical University of South Carolina
2012 - Present	Intellectual Property Policy Subcommittee	Chair	Medical University of South Carolina
2011 - Present	Department of Medicine, Clinical Research Advisory Committee	Member	Medical University of South Carolina
2011 - Present	SCTR, Stroke Study Group	Member	Medical University of South Carolina
2011 - Present	Department of Medicine, Clinical Operations Committee	Member	Medical University of South Carolina
2011 - Present	Basic Science Operations Group	Member	Medical University of South Carolina, Department of Medicine
2011 - Present	Search Committee for Co-Chair for the Department of Neurology , College of Medicine	Member	Medical University of South Carolina
2011 - Present	Comparative Effectiveness Research (CER) Committee	Member	Medical University of South Carolina
2011 - 2012	Strategic Planning Promotion and Tenure Committee	Member	Medical University of South Carolina
2009 - Present	President's Entrepreneurialism Strategic Planning Committee	Member	Medical University of South Carolina
2009 - Present	Promotion and Tenure Committee, Department of Medicine	Member	Medical University of South Carolina
2008 - Present	Comprehensive Cerebrovascular Center Planning Committee	Member	Medical University of South Carolina
2005 - 2008	ACLS, University Hospital	Program Director	University of Cincinnati/The University Hospital
2005 - 2007	Physicians for Compassionate Care Steering Committee	Member	University of Cincinnati/The University Hospital
1999 - 2008	Department of Emergency Medicine Reappointment, Promotion and Tenure Committee	Member	University of Cincinnati/The University Hospital
1998 - 2008	Research Committee, The Neuroscience Institute	Member	University of Cincinnati/The University Hospital
1998 - 2008	Implementation Committee, The Neuroscience Institute	Member	University of Cincinnati/The University Hospital

1997 - 2006	Rapid Diagnostic & Treatment Unit Planning Committee	Member	University of Cincinnati/The University Hospital
1997 - 1999	PHAMIS Electronic Medical Records Development Committee/Health Alliance of Greater Cincinnati	Member	University of Cincinnati/The University Hospital

#### DEPARTMENTAL COMMITTEES

Year	Name of Committee	Role	Institution
2011 - Present	Division of Emergency Medicine Faculty Development/Mentoring Committee	Member	Medical University of South Carolina
2011 - Present	Division of Emergency Medicine Practice Plan Committee	Member	Medical University of South Carolina
2011 - Present	Division of Emergency Medicine Adult/Peds Research Committee	Chair	Medical University of South Carolina
2010 - Present	Department of Medicine Clinical Research Committee	Member	Medical University of South Carolina
2010 - Present	Department of Medicine, Operations Committee	Member	Medical University of South Carolina
2010 - 2011	Emergency Department Pharmacy Committee	Member	Medical University of South Carolina
2009 - Present	Section of Research, Division of Emergency Medicine	Director	Medical University of South Carolina
2008 - Present	Stroke Steering Subcommittee	Member	Medical University of South Carolina
2008 - Present	Emergency Medicine Practice Plan Committee	Member	Medical University of South Carolina
2008 - Present	Stroke Steering Subcommittee	Member	Medical University of South Carolina

#### TEACHING EXPERIENCE/CURRICULUM DEVELOPMENT

Year	Title/Description
2012 - 2012	AHA Emerging Science Series: <i>Coronary and Cerebral Vascular Disease: From Clinical Trials to Systems of Care</i> Webinar. Invited Panelist for event filmed at AMS Studios in Dallas, Texas on February 29, 2012.
2007 - 2007	National Multimedia Educational Production: Primary Stroke Prevention, DVD, AHA, Advances in the Treatment of Cardiovascular Disease Series.
2007 - 2007	National Multimedia Educational Production: Emergency Medical Service Training Video, National Stroke Association
2006 - 2006	National Multimedia Educational Production: iTeam Intracerebral Hemorrhage Critical Pathways CME Workshop
2005 - 2005	National Multimedia Educational Productions Lytics in Practice Clinical Expertise for Emergency Medicine Residents
2004 - 2004	National Multimedia Educational Productions ACT for Stroke Education Awareness Initiative

#### MENTORING ACTIVITIES

Year	Student Name	Institution	
2012 - Present	Krya Michelle Robinson	Medical University of South Carolina	Master Thesis Dissertation Mentor
2012 - Present	William Jacobsen, II, MD	Medical University of South Carolina, EM Residency Program	Mentor
2012 - Present	Yanqui Weng	Medical University of South Carolina, College of Graduate Studies	Defense Advisory Committee Member
2012 - Present	M. Imran Chaudry, MD, Assistant Professor, Radiology/Neuro Interventional	Medical University of South Carolina	Mentor
01/2011 - Present	Jordan Asher Magarik	Medical University of South Carolina	Mentor
2010 - 2011	Jody Cioloni	Medical University of South Carolina	Dissertation Mentor

#### RESEARCH INTERESTS

- Pilot Study of Biomarkers in Ectopic Pregnancy Agency: Quest Diagnostics Co-PI
- Biomarkers in the Assessment of Cerebrovascular Disease Agency: Biosite, Inc PI
- Phase III Study: Recombinant Factor VIIa in Acute Intracerebral Hemorrhage (NCT00127283) Agency: Novo Nordisk, Inc/The Neuroscience Institute, Cincinnati OH Co-PI

#### PRESENTATION ABSTRACTS

1. Kleindorfer D, Mullen M, Hogan, C, Adeoye O, Khatri P, Mackey J, **Jauch, EC**. *Impact of Primary Stroke Center Certification on rt-PA Utilization*. International Stroke Conference, New Orleans, LA, February 3, 2012.
2. Kazley AS, Simpson, K, **Jauch ED**, Adams R. *Increased rt-PA Utilization Will Decrease Healthcare Costs in SC*. International Stroke Conference, New Orleans, LA, February 1, 2012.
3. Frasure J, Broderick J, **Jauch EC**, Yeatts S, Foster L, Khatri P. *A Descriptive Study of Interventional Management Stroke III Trial Investigator Recruitment Enhancement Strategies*. International Stroke Conference, New Orleans, LA, February 3, 2012.
4. Sohn, JA, Broderick, JP, Spilker, JA, Tomsick, TA, Hill, MD, **Jauch, EC**, Mitchell, P, Yan, B, Abou-Chebl, A, Cockcroft, KM, Brown, DM, Panagos, PD, Nogueira, RG, Keller, P, Khatri, P, IMS III Investigators. *Sedation Practice Patterns in Acute Stroke Endovascular Therapy: The IMS III Trial Experience*. Accepted Poster Presentation for the International Stroke Conference, February 9, 2011.

5. Jonathan A Sohn, Joseph P Broderick, Judith A Spilker, Thomas A Tomsick, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; **Edward C Jauch, Medical Univ of South Carolina, Charleston, SC**; Peter Mitchell, Bernard Yan, Royal Melbourne Hosp, Melbourne, Australia; Alex Abou-Chebl, Univ of Louisville, Louisville, KY; Kevin M Cockroft, Pennsylvania State Medical Sch, Hershey, PA; David M Brown, HOAG MEMORIAL HOSPITAL PRESBYTERIAN, Newport Beach, CA; Peter D Panagos, Washington Univ, St. Louis, MO; Raul G Nogueira, Massachusetts General Hosp, Boston, MA; Peter Keller, Neuroscience Trials Australia, Heidelberg Heights, Victoria, Australia; Pooja Khatri, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; IMS III Investigators. *Sedation practice Patterns in Acute Stroke Endovascular Therapy: The IMS III Trial Experience, Ischemic Stroke Interventional Treatment*, Poster I International Stroke Conference 2011.
6. Marciano, R (Presenter), Mullis, DM, **Jauch, EC**, Saef, SH, Are Emergency Physicians Comfortable Treating Admitted Psychiatric Patients Who Are Boarding In the Emergency Department When Inpatient Beds Are Not Available? Poster Presentation at the ACEP Research Forum, Las Vegas, NV, September 28, 2010.
7. IMS III Executive Committee for the IMS III Trial Investigators. Increasing Use of CT Angiography in Interventional Study Sites – the IMS III Experience. European Stroke Conference, Stockholm Sweden May 27 2009.
8. **Jauch EC**, Spilker J, Khatri P, Beckmann R, Hill M, Martin R, Broderick J. Clinical Research Coordinator Turnover: Impact on NIH Funded Clinical Trials and Potential Solutions. International Stroke Conference, New Orleans, LA, February 2008.
9. Khatri R, Kleindorfer D, Khoury JC, Schmit P, Ewing I, **Jauch EC**, Khatri P, Pancioli A, Kissela B, Woo D, Flaherty MA, Stettler BA, Nichols CW, Adeoye O, Broderick JP. Timing and Delivery of Acute Stroke Therapy: Does Place or Day of the Week Matter? International Stroke Conference, New Orleans, LA, February 2008.
10. Xu H, Gregg JP, Pancioli A, **Jauch EC**, Verro P, Broderick JP, Sharp FR. Etiology of Ischemic Stroke Determined Using Blood Gene Expression Profiling. International Stroke Conference, New Orleans, LA, February 2008.
11. Knight WA, Kleindorfer DO, Lindsell CJ, Alwell KA, Moomaw CJ, Flaherty ML, Woo D, Schmit R, Ewing I, Adeoye O, Pancioli A, **Jauch EC**, Stettler BA, Broderick JP, Kissela BM. Does Emergency Medical Service (ems) On-scene Time For Stroke Vary By Ems Department? International Stroke Conference, New Orleans, LA, February 2008.
12. **Jauch EC**, Lindsell CJ, Adeoye O. Perihematomal Edema Growth is not Associated with Hemodynamic Variables. American College of Emergency Physicians Annual meeting, Seattle, WA, October 2007.
13. Xu H, DeLemos C, Chang DJ, Verro P, Tang Y, Lu A, Ran R, Walker W, Gregg JP, Reilly M, Pancioli A, Khoury J, Sauerbeck L, Carrozzella J, Spilker JA, Clark JF, Wagner KR, **Jauch EC**, Broderick JP, Sharp FR. Blood Genomic “Imaging”: Potential Surrogate Markers for the Differential Diagnosis of Acute Stroke. Stroke Conference, San Francisco, CA, February 2007.
14. Sharp FR, Xu H, Tang Y, Verro P, Chang D, Apperson M, Pancioli A, Khoury JC, Sauerbeck LR, Carrozzella JA, Spilker JA, Clark JF, Wagner KR, **Jauch EC**. Prediction of Ischemic Stroke and Its Causes at 2 to 24 Hours Using Blood Genomic Profiles in Humans. Stroke Conference, San Francisco, CA, February 2007.
15. Broderick JP, Carrozzella J, Demchuk AM, Dillon C, Hill M, Janis S, **Jauch EC**, Khatri P, Maudlin P, Palesch Y, Ryckborst K, Spilker J, Tomsick TA for the IMS III Investigators. The Interventional Management of Stroke (IMS) III Trial. International Stroke Conference, San Francisco, CA, February 2007.
16. Williams J, **Jauch EC**, Lindsell C, Campos B. Endothelial Microparticles as a Marker of Endothelial Injury in Acute Ischemic Stroke. SAEM Annual Meeting, May 2006.
17. **Jauch EC**, Ross GF, Beiler S, Beiler C, Choudhri T, Wagner KR. Plasma Biomarkers Distinguish Acute Ischemic Stroke Patients at Risk to Develop Intracerebral Hemorrhage after Thrombolytic Therapy. International Stroke Conference, Kissimmee, FL, February 2006.
18. Wagner K, Lindberg D, Makroff C, **Jauch E**. *Plasma Biomarkers in Shaken Baby Syndrome*. 4th International Conference on Biochemical Markers for Brain Damage, Boothbay Harbor, Maine, September 2005
19. **Jauch EC**, Mayer SA, Diringer MN, Brun NC, Begtrup K, Steiner T, Davis S, Skolnick BE, Broderick J. *The Potential Role of rFVIIa in the Acute Treatment of Spontaneous Intracerebral Hemorrhage in the Emergency Department* American College of Emergency Physicians Annual meeting, Washington, DC, September 2005.
20. Stettler B, Khoury J, Miller R, Kleindorfer D, **Jauch E**, Pancioli A. Temporal trends in Emergency Department management of transient ischemic attack: A population-based study. International Stroke Conference, New Orleans, LA, February 2005.
21. **Jauch E**, Lindsell C, Broderick J, Lin Y, Fagan S, Tilley BC, Levine SR. Serial biochemical markers are associated with acute ischemic stroke in the NINDS rtPA Stroke Study. International Stroke Conference, New Orleans, LA, February 2005.
22. **Jauch EC**, Wagner KA, Carrozzella J. Proteomic analyses demonstrates ultra-early elevations of inflammation-sensitive plasma proteins following ischemic stroke. 5th World Stroke Congress, Vancouver B.C., Canada, June 23-26, 2004.
23. Bhadri PR, Majumder A, Morgan CJ, Pyne GJ, Zuccarello M, Kanter D, **Jauch E**, Wagner KR, Clark JF, Caffery J. Jr, Beyette FR Jr. Analysis of cerebrospinal fluid to detect ruptured cerebral aneurysm using spectrophotometry and signal processing techniques. Optical Techniques in Neurosurgery and Brain Imaging Conference, San Jose CA, Jan 2004.
24. **Jauch EC**, Wagner KR, Dean C, Smulian AG, Carrozzella J. Acute plasma protein expression patterns after ischemic stroke. American College of Emergency Physicians, Annual Meeting Boston MA, 42: S23, 2003.
25. Morgan CJ, Pyne GJ, Bhadri P, Beyette FR, Majumder A, Caffrey JJ, Wagner KR, Zuccarello M, Clark JF, **Jauch EC**. Detecting a subarachnoid hemorrhage by measuring cerebrospinal fluid bilirubin in patients with normal computed tomography scans. American College of Emergency Physicians, Annual Meeting Boston MA, 42: S11, 2003.
26. Morgan CJ, Pyne GJ, **Jauch EC**, Wagner KR, Bhadri PR, Beyette, FJ Jr, Zuccarello M, Clark JF. Differentiating a subarachnoid hemorrhage from a traumatic spinal tap by the detection of bilirubin in the cerebrospinal fluid following EDTA extraction of hemoglobin. American Association of Clinical Chemistry Annual meeting, Philadelphia PA, July 2003.
27. Ma M, Lindsell CJ, **Jauch EC**, Pancioli AM. Effect of Treatment Guidelines for Odontalgia on Number of ED Visits. Society for Academic Emergency Medicine Annual Meeting, Boston MA, May 2003.
28. Panagos P, Pancioli A, Khoury J, Alwell K, Miller R, Kissela B, Woo D, Kleindorfer D, Schneider A, **Jauch E**, Moomaw C, Shukla R, Broderick J. Short-term Prognosis After Emergency Department Diagnosis and Evaluation of Transient Ischemic Attack (TIA). Society for Academic Emergency Medicine Annual Meeting, Boston MA, May 2003.
29. Khoury J, Alwell K, Kissela BM, Miller R, Woo D, Schneider A, Kleindorfer D, Szaflarski J, Moomaw C, Shukla R, Pancioli A, **Jauch E**, Broderick JP. Ischemic Stroke Presenting with Hemorrhagic Conversion: Rate in a Population-Based Study. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
30. Kleindorfer D, Khoury J, Alwell K, Miller R, Kissela BM, Schneider A, Woo D, Pancioli A, **Jauch E**, Szaflarski J, Gebel JM, Shukla R, Moomaw C, Broderick JP. Eligibility for rt-PA in Acute Ischemic Stroke: A Population-Based Study. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
31. Panagos P, Pancioli A, Khoury J, Miller R, Alwell K, Woo D, Kissela B, Schneider A, Kleindorfer D, Moomaw C, Shukla R, Wright W, **Jauch E**, Broderick J. Practice Patterns in the Emergency Department (ED) Management of Transient Ischemic Attack (TIA). Presented at the 28th International Stroke

- Conference, Phoenix, AZ, February 2003.
32. Schneider A, Kissela BM, Woo D, Kleindorfer D, Alwell K, Miller R, Szaflarski J, Gebel JM, Khoury J, Shukla R, Moomaw C, Pancioli A, **Jauch E**, Broderick JP. Incidence Rates of Ischemic Stroke Subtypes in Blacks and Whites. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  33. Woo D, Khoury J, Miller R, Alwell K, Kissela BM, Pancioli A, **Jauch E**, Kleindorfer D, Schneider A, Broderick JP. Effect of Untreated Hypertension on Risk of Ischemic Stroke: A Population-Based Study. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  34. **The Interventional Management of Stroke Investigators**. Interventional Management of Stroke: Relationship of Occlusive Lesion to Outcome. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  35. **The IMS Investigators**. The Interventional Management of Stroke (IMS) Study: Safety Results. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  36. **The IMS Investigators**. Change over Time in Performance of the NIH Stroke Scale (NIHSS) and Its Impact in the IMS Study. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  37. **The IMS Investigators**. The Interventional Management of Stroke (IMS) Study: Factors Associated with ICH. The Interventional Management of Stroke (IMS) Study: Baseline and 3-Month Comparisons with the NINDS Trial. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  38. Hill MD, Demchuk AM, Tomsick TA, Palesch Y, Hebert R, Broderick JP, **IMS Investigators**. Baseline CT ASPECT Score Predicts Outcome after IV-IA Therapy. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  39. Saqqur M, Alexandrov AV, Hill MD, Calleja S, Shuaib A, Broderick JP, Demchuk AM, for the **IMS Investigators**. Transcranial Doppler IMS Criteria for Rescue Intra-Arterial Thrombolysis: Multicenter Experience from the Interventional Management Study. Presented at the 28th International Stroke Conference, Phoenix, AZ, February 2003.
  40. Kissela B, Khoury J, Miller R, Alwell K, Woo D, Kleindorfer D, Schneider A, Moomaw C, Gebel J, Szaflarski J, Pancioli A, **Jauch E**, Shukla R, Broderick J. Multiple Causes for Ischemic Stroke: Results from a Population-Based Study. 54th Annual Meeting of the American Academy of Neurology April 2002.
  41. Kissela BM, Khoury JC, Miller R, Alwell K, Woo D, Szaflarski J, Gebel J, Moomaw C, Shukla R, Pancioli AM, **Jauch EC**, Broderick JP. Infarct Volume: Effect of race, glucose, diabetes, and mechanism. 27th International Stroke Conference, San Antonio TX, February 2002.
  42. Kissela BM, Tomsick TA, Spilker JA, Khoury JC, Woo D, Carrozzella J, Pancioli AM, **Jauch EC**, Kanter D, Broderick JP. A novel angiography scoring scale for acute ischemic stroke: relationship to functional outcome. 27th International Stroke Conference, San Antonio TX, February 2002.
  43. Woo D, Khoury JC, Sauerbeck LR, Kissela BM, Szaflarski J, Moomaw CJ, Pancioli AM, **Jauch EC**, Gebel JM, Broderick JP. The effect of untreated hypertension on risk of hemorrhagic stroke: a Population-Based Study. 27th International Stroke Conference, San Antonio TX, February 2002.
  44. Broderick JP, Kissela BM, Miller R, Khoury JC, Woo D, Alwell K, Shukla R, Mommaw C, Gebel J, Pancioli AM, Szaflarski, **Jauch EC**. Excess burden of stroke among blacks varies by gender and age. 27th International Stroke Conference, San Antonio TX, February 2002.
  45. Clark JF, Huri DA, Carrozzella J, **Jauch EC**, Mehta P, Broderick JP. Isoforms of aApolipoprotein E can modulate tPA induced clot lysis in vitro. 27th International Stroke Conference, San Antonio TX, February 2002.
  46. Gebel JM, **Jauch EC**, Brott TG, Khoury J, Sauerbeck L, Salisbury S, Broderick J. Relative Perihematomal edema volume is a predictor of outcome in patients with hyperacute spontaneous intracerebral hemorrhage. 53rd Amer Academy of Neurology annual meeting, Philadelphia PA, May 2001.
  47. **Jauch EC**, Barsan WG, Khoury JC, Brott TG, Pancioli A, Kothari RU, Broderick JP. An Analysis of factors associated with early intracerebral hemorrhage (ICH) growth. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  48. Chalela JA, Katzan IL, Rasmussen PA, Liebeskind DS, Zaidat O, Suarez JI, Chiu DC, Klucznick RP, **Jauch EC**, Kasner SE. Safety of post-operative intra-arterial thrombolysis. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  49. Graus JA, Khoury J, **Jauch EC**, Miller R, Kothari R, Gebel J, Pancioli A, Qi R, Woo D, Kissela BM, Brott T, Broderick J. Emergency Medical Services (EMS) Response and Transport Time for Stroke in an Urban African-American Population: Effect of Socio-demographics of the Patient's ZIP Code. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  50. Gullett TC, Crocco TJ, **Jauch EC**, Hornung RW, Chenier TC. The feasibility of neuroprotective agent administration by pre-hospital personnel in an urban setting. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  51. Kissela BM, Khoury J, Miller R, Alwell K, Woo D, Brott T, Pancioli A, Shukla R, **Jauch EC**, Gebel J, Kothari R, Broderick J. Incidence rates of ischemic stroke in diabetics: preliminary race-specific results from the Greater Cincinnati/Northern Kentucky stroke study. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  52. Kissela BM, Sauerbeck L, Woo D, Khoury J, Shukla R, Moomaw C, Graus JA, Carrozzella J, **Jauch EC**, Pancioli A, Broderick J. Subarachnoid hemorrhage is a preventable disease with a heritable component. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  53. Pancioli AM, Bullard MJ, Grulee ME, **Jauch EC**, Perkins DF. Supplemental oxygen use in ischemic stroke patients, does utilization correspond to need for oxygen therapy? 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  54. Woo D, Sauerbeck L, Kissela BM, Khoury J, Shukla R, Moomaw C, Graus J, Carrozzella J, **Jauch EC**, Pancioli A, Broderick JP. Genetic and environmental risk factors for intracerebral hemorrhage. 26th American Heart Association International Conference on Stroke and Cerebral Circulation, Ft. Lauderdale FL, February 2001.
  55. Crocco TJ, Gullett TC, Sauerbeck L, Pio B, **Jauch EC**, Ottaway M, Pancioli A, Chenier TC, Hornung RW. Selecting candidates for neuroprotective therapy: can we do it in the field? National Association of EMS Physicians, Ft Myers FL, January 2001.
  56. Zemlan FP, **Jauch EC**, Smith M, Speciale SG. biomarker for quantifying neuronal damage across neurologic disorders. Society for Neuroscience 30th Annual Meeting, New Orleans LA, *J Neurotrauma* 17: 946, 2000.
  57. **Jauch EC**, Byars C, Chenier T, Jackowski G, Pancioli A, Broderick J. preliminary evaluation of four serum markers as indicators of cns injury in acute cerebrovascular events. 4th World Stroke Congress, Melbourne Australia, *Stroke* 31: 2781, November 2000.
  58. Kissela B, Broderick J, Miller R, Khoury J, Shukla R, Woo D, Brott T, Gebel J, **Jauch E**, Pancioli A. Volume of first stroke among blacks in a community based study. 25th American Heart Association International Conference on Stroke and Cerebral Circulation, New Orleans LA, February 2000.
  59. Woo D, McPherson C, Pancioli A, Broderick J, Kothari R, **Jauch E**, Kissela B, Zuccarello M. Carotid Endarterectomy after tissue-plasminogen activator for acute ischemic stroke. 25th American Heart Association International Conference on Stroke and Cerebral Circulation, New Orleans LA, February 2000.
  60. Miller R, Khoury J, Broderick J, Kothari R, Salisbury S, Mills D, Castelli V, Woo D, Pancioli A, **Jauch E**, Kissela B, Brott T. Outpatient stroke: experience in a population-based epidemiological study, 25th American Heart Association International Conference on Stroke and Cerebral Circulation, New Orleans LA, February 2000.
  61. Crocco T, Moreno R, **Jauch EC**, EMS knowledge retention using case-based instruction for stroke, NAEMSP Annual Conference, Dana Point CA, January 2000.
  62. Shaw GJ, **Jauch EC**, Zemlan FP. Association of initial serum tau level and disposition at hospital discharge. American College of Emergency Physicians, Annual Meeting, Las Vegas NV, October 1999.
  63. Zemlan FP, **Jauch, EC**, Rosenberg WS. Serum and CSF biomarker of neuronal damage in traumatic brain injury, National Neurotrauma Society Annual

- Meeting, Miami Beach FL, October 1999. *J Neurotrauma* 16: 960, 1999.
64. **Jauch EC**, Cohen D, Fenner M, Pancioli A, Kothari R. The role and cost effectiveness of emergency department observational units in the evaluation of transient ischemic attacks (TIAs). American College of Emergency Physicians Scientific Assembly, Las Vegas NV, October 1999.
  65. Kasner S, Chalela J, **Jauch EC**, Kothari S. Utilization of air medical services in acute stroke. National Stroke Association annual meeting, Aspen CO, September 1999.
  66. **Jauch EC**, Byars C, Liu T, Kothari R, Pancioli A, Takahashi M. Preliminary evaluation of five serum markers as indicators of CNS injury in acute neurovascular events. SAEM, Boston MA, May 1999.
  67. Crocco T, Moreno R, **Jauch EC**, Kothari R, Pio B, Liu T. The educational impact of case-based stroke module on prehospital personnel. SAEM, Boston MA, May 1999.
  68. Cohen D, Kothari R, Kanter D, **Jauch EC**, Pancioli A, Woo D, Broderick J, Liu T. Emergency department response times for ischemic stroke patients treated with t-PA. SAEM, Boston MA, May 1999.
  69. **Jauch EC**, Gebel J, Kothari R, Brott T, Broderick J, Barsan W, Salisbury S. Lack of association between early edema and outcome in spontaneous intracerebral hemorrhage. 24th American Heart Association International Conference on Stroke and Cerebral Circulation, Oral presentation, Nashville, TN, February 1999.
  70. Liu T, Kothari R, Broderick J, **Jauch E**, Pancioli A, Kanter D. Is NIH Stroke Scale Better than Glasgow Coma Scale at Predicting Outcome in ICH. 24th American Heart Association International Conference on Stroke and Cerebral Circulation, Oral presentation, Nashville, TN, February 1999.
  71. Kanter D, Broderick J, Brott T, Kothari R, Pancioli A, **Jauch E**. The Greater Cincinnati t-PA experience after the NINDS trial: Does a longer time to treatment within the current three-hour window reduce efficacy? , Oral presentation, Nashville, TN, February 1999.
  72. Gibney P, **Jauch EC**, Kothari R. Effectiveness of emergency medicine resident training in the use of the National Institute of Health stroke scale (NIHSS). SAEM, Chicago IL, May 1998.
  73. Kothari R, Brott T, Broderick J, Pancioli A, Spilker J, **Jauch EC**, Kanter D, Gebel J. Can emergency physicians treat stroke patients with t-PA safely: Community experiences of post-approval t-PA in 51 consecutive cases. SAEM, Chicago, IL May 1998.
  74. **Jauch EC**, Kothari R, Brott T, Broderick J, Barsan W, Salisbury S. Emergency department interventions in the management of ultra-acute intracerebral hemorrhage, 8th Annual Midwest SAEM Regional Research Forum, Columbus OH April 20, 1998.
  75. Kothari R, Brott T, Broderick J, Pancioli A, Spilker J, **Jauch EC**, Kanter D, Gebel J. Can emergency physicians treat stroke patients with t-PA safely: community experiences of post-approval t-PA in 51 consecutive cases. 8th Annual Midwest SAEM Regional Research Forum, Columbus OH, April 1998.
  76. Gebel J, Brott T, Sila C, Tomsick T, Broderick J, Salisbury S, Khoury J, **Jauch E**, Topal E, Granger C. Origin and evolution of acutely imaged spontaneous versus thrombolysis-related intracranial hemorrhage: a qualitative and quantitative radiographic analysis. AAN Scientific Program, April 1998.
  77. Kothari RU, Sauerbeck L, **Jauch EC**, Brott T, Broderick JP, Liu T, and Khoury J. Acute stroke: Delays to presentation and the patient's perceptions. 23rd International Joint Conference of Stroke and Cerebral Circulation, Orlando FL, February 1998.
  78. **Jauch EC**, Kothari R, Carleton S, Pancioli A. The role of air medical services in acute stroke management. American College of Emergency Physicians Annual Meeting, San Francisco CA, October 19, 1997. *Annals of Emergency Medicine* 30(3), 431-432, September 1997.
  79. Kothari R, **Jauch EC**, Broderick J, Brott T, Sauerbeck L, Pancioli A. Patient's awareness of stroke risk factors and warning signs. 22nd International Joint Conference of Stroke and Cerebral Circulation, Anaheim CA, February, 1997.
  80. Kothari R, Sauerbeck LR, **Jauch EC**, Broderick J, and Brott T. Sign's and symptoms of a stroke, the patients' perspective. Society for Academic Medicine Annual Meeting, Denver CO, May 1996.
  81. Kothari R, Sauerbeck LR, **Jauch EC**, Broderick J, and Brott T. Stroke victims: clueless. American College of Emergency Physicians Research Forum, Cincinnati, OH, 1995.
  82. Nayak S, Patterson J, Spieles C, Lim EVA, **Jauch EC**. Surgical Management of the Open Femur Fracture: Early Complications. AAOS 62nd Annual Meeting, Orlando FL, February 1995.
  83. Stambough JL, Welling D, **Jauch EC**. Biomechanical analysis of posterior and anterior fixation devices in thoracolumbar spine fractures. American Orthopaedic Association, June 1994.
  84. Nayak S, Lim E, **Jauch EC**. Open femur fracture outcome study. Senior Thesis, American Academy of Orthopedic Surgeons Annual Meeting, March 1994.
  85. Stambough JL, **Jauch EC**, Norrgrann C. Biomechanical evaluation of cervical wiring techniques. Federation of Spine Associates at the American Academy of Orthopaedic Surgeons, March 1991.
  86. Cain JE, Rosenthal HG, Broom MJ, **Jauch EC**, Borek DA, and Jacobs RR. Quantification of leakage pressures after durotomy repairs in the canine. Scoliosis Research Society, December 1989.
  87. **Jauch EC**, Norrgrann C, Stambough JL. Biomechanical analysis of spinous process wiring in the cervical spine. Cervical Spine Research Society, New Orleans, December 1989.
  88. Rosenthal HG, Cain JE, **Jauch EC**, Broom MJ. Quantification of leakage pressures after durotomy repairs in the canine. 35th Meeting, Orthopaedic Research Society, Las Vegas, February 1989.
  89. Montesano PX, **Jauch EC**. Anatomic study of posterior cervical spine plate arthrodesis. Cervical Spine Research Society Annual Meeting, December 1988.
  90. **Jauch EC**, Jacobs RR, Zoellner T, Kliethermes J, Jacobs CR. Effect of TCP undercoating on compression plate loosening, bone formation, density, and strength. Orthopaedic Trauma Association Annual Meeting, Baltimore, Maryland, November 1987.
  91. Jacobs RR, **Jauch EC**, Jacobs CR, Montesano PX. Sacral and lumbar pedicle fixation: A biomechanical evaluation. American Society of Biomechanics, Davis California, September 1987.
  92. Zoellner T, **Jauch EC**, Jacobs RR, Kliethermes J, Jacobs CR. Effect of tricalcium phosphate coating on compression plate loosening, bone formation, bone density, and bone formation. Transactions of International Society for Fracture Repair, Helsinki, Finland, September 1987.
  93. Jacobs RR, **Jauch EC**, Montesano PX, Jacobs CR. Sacral and vertebral fixation. XVII World Congress SIROT, Munich, West Germany, August 1987.
  94. Jacobs RR, **Jauch EC**, Jacobs CR, Montesano PX. Sacral and lumbar pedicle fixation: A biomechanical evaluation. International Society for the Study of the Lumbar Spine, Rome, Italy, May 1987.
  95. Jacobs RR, **Jauch EC**, Jacobs CR, Montesano PX. Sacral and lumbar pedicle fixation: A biomechanical evaluation. Transactions of the Orthopaedic Research Society 33rd Annual Meeting, San Francisco, CA, February 1987.
  96. Zoellner T, Jacobs RR, Kliethermes J, **Jauch EC**, Jacobs CR. Effect of tricalcium phosphate coating on compression plate loosening, bone formation, bone density, and bone formation. Transactions of the Orthopaedic Research Society 33rd Annual Meeting, San Francisco, CA, February 1987.
  97. Jacobs RR, **Jauch EC**, Jacobs CR, Montesano PX. Biomechanical evaluation of sacral and pedicle fixation. Southern Biomechanical Engineering Conference, Shreveport, LA, September 1986.

#### INVITED PRESENTATIONS

1. *Evaluating Stroke Systems of Care: Optimizing the Use of Intravenous Thrombolysis*, CME Symposium, Vindico Medical Education, February 2, 2012, New Orleans, LA.
2. *Challenges in Acute Cerebral Reperfusion*. Important Questions in the Biomedical Sciences Seminar, College of Graduate Studies, Medical University of South Carolina, February 20, 2012.
3. *The Urgent Management of Acute Ischemic Stroke: Building Bridges Between Professionals, Protocols, and Patient Outcomes*. Ischemic Stroke CME, George Washington University Hospital, Washington, DC, February 15, 2012.
4. *A Stroke of Good Luck: My Life in Neurologic Emergencies*, Visiting Professor and Judge, Research Day, Department of Emergency Medicine, University of California Davis, Sacramento, CA, December 13, 2011.
5. *How to Organize the ED to Save Time*, Thrombolysis and Acute Stroke Treatment (TAST), New York Academy of Sciences, New York, NY, December 2, 2011.
6. *Expanded Indications for IVtPA: The Standard of Care for Patients with Acute Ischemic Stroke*, AHA Scientific Sessions, Orlando, FL, November 15, 2011.
7. *Stroke System of Care*, 4th Annual Low Country Emergency STEMI and Stroke Forum, MUSC, Gazes Cardiac Research Institute, Gazes Auditorium, Charleston, SC, October 12 - 13, 2011.
8. *Stroke Care: A Systematic Approach*, Visiting Professor, Risky Business, Organizing Stroke Care for Optimal Outcomes, Vindico Education, ACEP Scientific Assembly, San Francisco, CA, October 16, 2011.
9. *Emergent Treatment of Acute Ischemic Stroke*, Visiting Professor, Robert Wood Johnson University Hospital, New Brunswick, NJ, September 10, 2011.
10. *A Stroke of Good Luck: Opportunities for Emergency Medicine in Acute Stroke*, Northwestern Memorial Hospital, Chicago, Illinois, August 17, 2011.
11. *A Stroke of Good Luck: My Life in Neurological Emergencies*. Visiting Professor, Carolinas Medical Center, Residents Academic Day, Charlotte, NC, June 16, 2011.
12. *Current Stroke Treatment and Neuro Imaging in Resuscitation*, 2011 IFEM Symposium, San Miguel de Allende, Mexico, June 22-June 24, 2011.
13. *South Carolina Stroke System of Care Act of 2011*, Press Conference, South Carolina State Capitol, Columbia, SC, June 29, 2011.
14. *A Stroke of Good Luck: New Treatment Opportunities in 2011*, 4:00-5:00pm, April 8, 2011, Stroke Care Seminar for Neuroscience Symposium, MUSC. Room 100, Basic Science Building.
15. *Stroke: The First 3+ Hours Initial Management and Implications for the Emergency Department* at 7:30am and 12:00pm, April 19, 2011, live broadcast presentation, SC AHEC and MUSC, Room 802, Harborview Office Tower.
16. *Challenges in Acute Cerebral Reperfusion*, College of Graduate Studies "Unanswered Questions in the Biomedical Sciences" seminar series, MUSC, February 1, 2011.
17. *Acute Imaging in Neurovascular Emergencies*. December 3, 2010, MUSC STAT Meeting for Division of Biostatistics & Epidemiology, Data Coordination Unit, 135 Cannon Street, Conference Room 304, Charleston, SC.
18. *Stroke: The First Hours: Role of the Emergency Department*. December 1, 2010, MUSC Education Committee, MUSC Emergency Department Conference Room, Charleston, SC.
19. *Neuroprotection and Stroke*, Neuro-Ophthalmology Conference, Storm Eye Institute, MUSC, December 2, 2010.
20. *Neuroprotection and Stroke*. Neuro-Ophthalmology Conference, Storm Eye Institute, MUSC, December 2, 2010.
21. *Triage is the Holy Grail: Door to Revascularization Time: What is the Standard to be Set?*, AIM Symposium, New York, NY, November 17, 2010.
22. *Optimizing Stroke Outcomes with Telemedicine*, St. Francis Health System Physicians Dinner, Greenville, SC, October 22, 2010.
23. *Traumatic Brain Injury*, Charleston County EMS, Charleston, SC, October 20, 2010.
24. *Traumatic Brain Injury and EMS*, Mount Pleasant Fire Department, Mt. Pleasant, SC, October 29, 2010.
25. *Key Roles of the Emergency Physician in Reperfusion Strategies: Optimizing Outcomes in Acute Ischemic Stroke*, ACEP Symposium, Las Vegas, Nevada, September 28, 2010.
26. *Acute Brain Injury for EMS: From Trauma to Stroke*, Tactical Medicine, MUSC, 2W auditorium.
27. *Acute Stroke Update and Professionalism in Medicine*, Grand Rounds, Department of Medicine, Division of Emergency Medicine, MUSC, July 8, 2010.
28. *Extended Window for Thrombolytics*. Society for Academic Emergency Medicine Annual Meeting. Phoenix, AZ June 6, 2010.
29. *Optimizing Management of Acute Stroke: An Evidenced-based Approach to Thrombolysis and Early Intervention*. Grand Rounds, Memorial Health University Medical Center, Savannah, GA, April 2, 2010.
30. *Systems of Acute Stroke Care*, 2<sup>nd</sup> Annual Southeast Regional Stroke Conference Tuscaloosa, AL January 9, 2010.
31. *Emergency in Acute Stroke Care*, Visiting Professor, Department of Neurology, University of Alabama Birmingham, Birmingham AL January 27-28, 2010.
32. *The New Face of Acute Stroke and Access to Care in South Carolina*. Grand Rounds, Department of Health Disparities, MUSC, January 2010
33. *Arrangement of Prehospital Services to Facilitate Stroke Thrombolysis*. Hospital Authority Central Commissioned Training Program for Acute Stroke and the Hong Kong Stroke Society. Hong Kong China. Dec 5-6, 2009.
34. *How Emergency Medicine can Play a Role in Acute Stroke Care in Hong Kong*. Department of Emergency Medicine Grand Rounds, Prince of Wales Hospital. Hong Kong China. Dec 3, 2009.
35. *Importance of Time – How to Streamline and Improve Treatment Times*. Advanced Interventional Management Cleveland Clinic Symposium. New York City, NY, Nov 18, 2009.
36. *The First Hours in Acute Stroke*. Alta Bates Stroke Symposium, Oakland CA, October 9 2009.
37. *Emergency Room Management of Stroke*, Brain & Stroke Network Conference, San Antonio, TX, Baptist Health System
38. *Cerebral Resuscitation in the Emergency Department: Focusing on Stroke*. Visiting Professor, Department of Neurosurgery, University Health Center Texas – San Antonio, September 2009.
39. *Integrating EMS and the Emergency Department in Acute Stroke Care*. First Annual Baptist Hospitals Stroke Center Symposium, San Antonio, September 2009.
40. *Acute Stroke Management in the First Critical Hours*. Chinese Tiantan International Stroke Conference, Beijing China, June 20, 2009.
41. *Acute Stroke Management in the First Critical Hours*. Chinese Tiantan International Stroke Conference, Beijing China, June 20, 2009.
42. *Critical Role of EMS in Acute Stroke Management*. Inaugural Medical University of South Carolina Emergency Medical Systems Symposium, Charleston SC, May 2009.
43. *Cerebral Resuscitation: Focus on Acute Ischemic Stroke*. Department of Emergency Medicine Grand Rounds, Vanderbilt University, Nashville TN, April 20, 2009.
44. *Stroke: The First Three Hours, Medical Treatment in the Emergency Department* Spring Neuroscience Symposium, Medical University of South Carolina, Charleston SC, April 18, 2009.
45. *Cerebral Resuscitation: Focus on Acute Ischemic Stroke*. Visiting Professor, Department of Emergency Medicine Grand Rounds, Vanderbilt University, Nashville TN, April 20, 2009.

46. *Stroke: The First Three Hours, Medical Treatment in the Emergency Department* Spring Neuroscience Symposium, Medical University of South Carolina, Charleston SC, April 18, 2009.
47. *Stroke in with First 3 Hours: Medical Treatment in the Emergency Department*. Medical University of South Carolina Integrated Stroke and Cerebrovascular Conference, Wild Dunes SC, March 12 2009.
48. *EMS Organization and Training for Stroke*. Medical University of South Carolina Integrated Stroke and Cerebrovascular Conference, Wild Dunes SC, March 12 2009.
49. *EMS Organization and Training for Stroke*, South Carolina Department of Health and Environmental Control Annual Meeting, Columbia SC, March 2009.
50. *Stroke in with First 3 Hours: Medical Treatment in the Emergency Department*. Medical University of South Carolina Integrated Stroke and Cerebrovascular Conference, Wild Dunes SC, March 12 2009.
51. *EMS Organization and Training for Stroke*, South Carolina Department of Health and Environmental Control Annual Meeting, Columbia SC, March 2009.
52. *Importance of Time – How to Streamline Enrollment and Improve Times to Treatment* American Heart Association International Stroke Conference. San Diego CA, Feb 19, 2009.
53. *Study Methodology to Improve Site Performance*. American Heart Association International Stroke Conference. San Diego CA, February 2009.
54. *New Stroke Therapies and the Role of EMS*. South Carolina Area Health Education Consortium Disaster Preparedness and Response Training Network Annual Summit. Columbia SC, February 2009.
55. *Challenges, Opportunities, and Hurdles for Research in the Emergency Setting*. NIH Roundtable on Opportunities to Advance Research on Neurologic and Psychiatric Emergencies, Bethesda MD, November 2008.
56. *Prehospital and Emergency Triage Issues: How to Cut Delays, Is It Pearls or Hard Work*, AIM Symposium New York City NY, November 2008.
57. *Setting Up Prehospital and Triage Systems for the Evaluation of Stroke Patients*. National Stroke Tutorial, Atlanta GA, November 2008.
58. *Thrombolysis in the Emergency Department: What are We Waiting For?* Society for Neurocritical Care Annual Meeting. Miami FL, October 2008.
59. *Engaging the Prehospital Community in Stroke Systems of Care*. National Stroke Association Regional Meeting, Minneapolis MN, Sept 2008.
60. *Transient Ischemic Attack: Should I Stay or Should I Go Now?* National Stroke Association Regional Meeting, Minneapolis MN, Sept 2008.
61. *The Emergency Department Evaluation of Dizziness*. Division of Emergency Medicine Grand Rounds, Medical University of South Carolina, Charleston SC, Sept 2008.
62. *The Emerging Role of Emergency Medicine in Acute Neurologic Emergencies: It Should be More than Just “Page BAT Fast”*. Department of Neurology Grand Rounds, Medical University of South Carolina, Charleston SC, Sept 2008.
63. *Atypical Cases in Stroke*. Division of Emergency Medicine Grand Rounds, Medical University of South Carolina, Charleston SC, Sept 2008.
64. *Computed Tomographic Angiography in Neurologic Emergencies*, Society of Academic Emergency Medicine Annual Meeting. Washington DC, May 30, 2008.
65. *Evidence-Based Practice for Pre-Hospital and Emergency Management of Ischemic and Hemorrhagic Stroke*. Piecing Together Quality Stroke Care for the 21st Century. Cincinnati, OH, November 16, 2007.
66. *Stroke Management: Current Treatments and Future Advancements*. American Association of Critical-Care Nurses, Park View Hills, KY, November 3, 2007.
67. *Stroke in the Emergency Department*. National Stroke Association Regional Meeting, Cherry Hill NJ, October 22-24, 2007.
68. *Emergency Stroke Care: Initial Management and Implications for EMS and the ED*. American Heart Association Regional Meeting, Kansas City KS, October 2007.
69. *Advances in Acute Management of Stroke: The Potential Role of Biomarkers*. Invited Speaker, 2nd Russian International Congress of Stroke in St. Petersburg, Russia, September 17-20, 2007.
70. *Emergency Medicine in Acute Ischemic Stroke and Advances in Intracerebral Hemorrhage Management*. Visiting Professor, Department of Emergency Medicine, Brooke Army Medical Center. Ft Sam Houston, San Antonio TX. September 7, 2007.
71. *Is Recombinant Activated VII Ready for Prime Time in Intracerebral Hemorrhage?* New York Symposium on Neurological Emergencies and Neurocritical Care, New York City NY, July 2007.
72. *Optimizing Thrombolytic Therapy Outcomes in Acute Ischemic Stroke*. Michigan Stroke Network Meeting. Saginaw MI, May 2007.
73. *Stroke: Initial Emergency Care*. Intensive Care Session. 27th Myron B. Laver International Postgraduate Course “Perioperative Management of the Brain – Are We Doing the Right Thing?” Basel, Switzerland, May 16-17, 2007
74. *Integrating EMS into Stroke Systems*. National Stroke Tutorial, Philadelphia PA, April 13, 2007.
75. *Advances in Acute Stroke Diagnosis*. National Stroke Tutorial, Philadelphia PA, April 13, 2007.
76. *Setting Up Pre-hospital and Triage Systems for Evaluation of Stroke Patients*. National Tutorial on Stroke, Atlanta GA, March 2007.
77. *Acute Stroke Care for Emergency Department - Advances in Biomarkers*. Fourth Annual Utah Stroke Symposium, Salt Lake City UT, March 2007.
78. *Advances in Intracerebral Hemorrhage Management*. Grand Rounds, Parkview Regional Stroke Center, Ft Wayne IN, February 2007.
79. *Acute Management of Ischemic Stroke*. University of Pennsylvania Stroke Fellowship program, New Orleans, LA January 2007.
80. *Acute Management of Subarachnoid Hemorrhage*. University of Pennsylvania Stroke Fellowship program, New Orleans, LA January 2007.
81. *Biomarkers in the Acute Stroke*. University Grand Rounds. University ‘La Sapienza’, Rome Italy, December 2006.
82. *rt-PA Lessons Learned (Roundtable Discussion) US Experience*. Joint World Congress on Stroke, Cape Town, South Africa, October 26-29, 2006.
83. *Neurologic Evaluation and Exam with NIH Stroke Scale Practice Video*. American College of Emergency Physicians Annual Meeting Stroke Mini-Fellowship for Emergency Medicine Residents, New Orleans LA, October 2006.
84. *Potential Role of Biomarkers in Acute Stroke*. American Academy of Clinical Chemists Point of Care Conference, Quebec City Canada. September 30, 2006
85. *Management of the Stroke Patient in a Busy Emergency Department*. Emergency Nurses Association Annual Scientific Assembly. San Antonio TX, September 2006.
86. *Mid-Atlantic Stroke Mini-Fellowship for Emergency Medicine Residents*. Faculty. Philadelphia, PA, May 10-11, 2006
87. *Incorporating New Technology into Trials: Telemedicine, Electronic Databases/CRF’s and Population Kinetics in Acute Stroke Drug/Device Development*. Stroke Treatment Academic Industry Roundtable. Washington, DC, March 25-26, 2006.
88. *Plasma Biomarkers Distinguish Acute Ischemic Stroke Patients at Risk to Develop Intracerebral Hemorrhage after Thrombolytic Therapy*. International Stroke Conference, Kissimmee, FL, February 15-18, 2006
89. *Neuro-Critical Care in Emergency Medicine: Improving Outcomes on the Frontline: Acute Stroke*. Foundation for Education and Research in Neurological Emergencies. New York NY, January 11, 2006
90. *Stroke Thrombolysis: Overcoming Logistical Barriers to Effective Evaluation and Treatment in the Emergency Department*. Australia Stroke Unit Heads Meeting, Melbourne, Australia, November 20, 2005
91. *Tissue Plasminogen Activator for Acute Ischemic Stroke: The Evidence from an Emergency Physician’s Perspective*. Australia Stroke Unit Heads Meeting, Melbourne, Australia, November 20, 2005

92. *Overview of Successful Regional EMS Programs: Commando Model*. National Stroke Association Meeting, Orlando FL, October 2005.
93. *Ten Things to Know in Intracerebral Hemorrhage*. Foundation for Emergency Medicine Cardiac Research and Education Group, American College of Emergency Physicians Annual Meeting, Washington DC October 2005.
94. *Emerging Tools in Stroke Diagnosis: The Potential Role of Biomarkers*. Emergency Medicine Cardiac Research and Education Group, American College of Emergency Physicians Annual Meeting, Washington DC, October 2005.
95. *The Role of the Emergency Department in Optimizing the Effect of rFVIIa in the Acute Treatment of Spontaneous Intracerebral Hemorrhage*. 3rd Mediterranean Emergency Medicine Congress, Nice, France, September 2005.
96. *Plasma Biomarkers in Shaken Baby Syndrome*. 4th International Conference on Biochemical Markers for Brain Damage, Boothbay Harbor, Maine, September 2005
97. *Emerging Tools in Stroke Diagnosis: The Potential Role of Biomarkers*. National Tutorial on Stroke, Chicago IL, June 2005.
98. *On The Front Lines: How A Biomarker Test Can Impact Emergency Stroke Diagnosis*. 14th European Stroke Conference, Bologna, Italy, May 2005.
99. *Past, Present, and Future of Acute Stroke Management*. St. Luke Hospitals, Professional Staff Education, Wilder, KY, April 2005.
100. *Biomarkers for Cerebral Schema and Injury*, 25th International Conference on Intensive Care and Emergency Medicine, Brussels Belgium, March 2005.
101. *Management of Stroke*, 25th International Conference on Intensive Care and Emergency Medicine, Brussels Belgium, March 2005.
102. *Optimal ED Management of Intracerebral Hemorrhage Patients*. Foundation for the Education and Research in Neurological Emergencies Symposia. American College of Emergency Physicians Regional Meeting, Orlando FL, March 2005.
103. *Serial Biochemical Markers Are Associated with Acute Ischemic Stroke in the NINDS rt-PA Stroke Study*, International Stroke Conference, New Orleans, LA, February 2005
104. *Acute Stroke: The Role of Prehospital Care and Emergency Medicine*. National Tutorial on Stroke, Washington DC, November 2004.
105. *Acute Stroke: The Role of Emergency Medicine and Prehospital Care*. National Public Health Symposium, Denver CO, November 2004.
106. *The Potential Role of Biomarkers In Acute Neurovascular Events*. Stroke Belt Consortium Annual Meeting. Orlando FL, October 2004.
107. *Diagnosis of Stroke: The Potential of New Biomarkers*. Emergency Medicine Cardiac Research and Education Group, American College of Emergency Physicians Annual Meeting, San Francisco CA, October 2004.
108. *Emergency Department Administration of Thrombolytics in Acute Stroke*, Stroke Expert Workshop, Ingelheim Germany, September 2004.
109. *The Role of Hypothermia in Acute Stroke*, International Liaison Committee for Critical Care meeting, Budapest Hungary, September 2004.
110. *Stroke: The Who, What, and How and the Challenge of Diagnosis*. American Academy of Clinical Chemistry Annual Meeting Los Angeles CA, July 2004.
111. *Current Challenges in Diagnosing Acute Stroke in the Emergency Department*. 5th World Stroke Congress, Vancouver Canada, June 2004.
112. *Improving Outcome in Acute Stroke Patients – Speed Up Treatment Workflow*. 5th World Stroke Congress, Vancouver Canada, June 2004.
113. *Treatment of Acute Stroke in the Emergency Department*. European Stroke Conference, Mannheim Germany, May 2004.
114. *Treatment of Stroke in the Emergency Department*. First Annual Stroke Symposium, University of Utah Stroke Center, Salt Lake City UT May 2004.
115. *Advances in the Diagnosis of Stroke*. Emergency Medicine Cardiac Research and Education Group, Society for Academic Emergency Medicine Annual Meeting, Orlando FL May 2004
116. *Emergency Neurology Clinical Trials Network Workshop*. National Institute of Neurological Disorders and Stroke, Bethesda MD, March 2004.
117. *Stroke Center Development: Starting from Scratch, Emergency Room Perspective*. 3rd State of the Art Stroke Nursing Symposium, San Diego CA, February 2004
118. *Role of Emergency Medicine in Acute Stroke Treatment*. National Stroke Association Meeting, Orlando FL December 2003.
119. *Biomarkers: An Advance in the Diagnosis of Cerebral Injury*. 7th Annual Joint Summit on Markers in Cardiology. Louisville KY, November 2003.
120. *Advances in the Diagnosis of Stroke*. Emergency Medicine Cardiac Research and Education Group, American College of Emergency Physicians Annual Meeting, Boston MA, October 2003.
121. *The Role of Emergency Medicine in Acute Stroke*. Boehringer Ingelheim Stroke Expert Workshop. Acapulco, Mexico, September 2003.
122. *Advances in Emergency Medicine Acute Stroke Care*. Midwest Brain and Stroke Institute Stroke Symposium, Kansas City KS, September 2003.
123. *Developing Regional Acute Stroke Care Systems*. Vanderbilt University / American Heart Association Roundtable. Nashville TN, July 2003
124. *Resources Necessary for Interventional Stroke Program – Emergency Department*. Society of Interventional Radiology Consensus Conference, Chicago IL, June 2003.
125. *The Cincinnati Stroke Team Experience*, National Institute of Neurological Disorders and Stroke Symposium, Washington D.C., Dec 2002
126. *Advances in the Diagnosis of Acute Stroke*, Emergency Medicine Cardiac Research and Education Group, American College of Emergency Physicians, Seattle WA, Oct 2002.
127. *Advances in the Diagnosis of Acute Stroke*, Emergency Medicine Cardiac Research and Education Group satellite Society for Academic Emergency Medicine conference, St. Louis MO, May 2002.
128. Foundation for Education and Research in Neurological Emergencies Stroke Symposium and Society for Academic Emergency Medicine conference, St. Louis MO, May 2002.
129. *Acute Management of Stroke*, The Neuroscience Institute Stroke Symposium, West Chester, OH May 2002.
130. *Biomarkers in Acute Stroke*, Stroke Treatment Academia Industry Roundtable III, Cambridge MA, April 2002.
131. *Implementing Regional Stroke Care and Advances in Acute Stroke Management*. Neurosciences Institute, St Francis Hospital, Cape Girardeau MO, March 2002.
132. *Evaluation and Diagnosis of Stroke and Current treatment of Acute Stroke*. Union Hospital, Terre Haute IN, February 2002.
133. *Update on Acute Stroke Care*, American Heart Association 20th annual conference, Cincinnati OH October 2001.
134. *Ischemic Anterior Circulation Stroke*, Foundation for Education and Research in Neurological Emergencies Stroke Symposium and American College Emergency Physicians Scientific Assembly, Chicago IL, October 2001.
135. *Developing Serum Markers of Neurologic Injury*. Emergency Medicine Cardiac Research and Education Group satellite ACEP conference, Chicago IL, October 2001.
136. *Markers of Neurologic Injury in Patients with Stroke or CABG*. Fourth Annual Joint Summit on Markers in Cardiology, Louisville KY, October 2001.
137. *The Emergency Department Management of Acute Stroke Patients*. The Neuroscience Institute conference on Cerebrovascular Disorders, Cincinnati, OH October 2001.
138. *Aggressive Stroke Management*, LifeLink Summer Critical Care Update, Grant Hospital Columbus OH, September 2001.
139. *The First Hours in Acute Stroke*. Alta Bates Stroke Symposium, Oakland CA, October 9 2009.
140. *The Future of Stroke Care*, LifeLink Summer Critical Care Update, Grant Hospital Columbus OH, August 2001.
141. *Brain Attacks in Children and Adults*. Neuroscience Nursing Conference, Methodist Hospital and Clarian Health System, Indianapolis IN, August 2001.
142. *Ischemic Anterior Circulation Stroke*, Society for Academic Emergency Medicine and the Foundation for Education and Research in Neurological Emergencies Stroke Symposium, Atlanta GA May 2001.
143. *Recent Advances in the Treatment and Prevention of Ischemic Stroke*, Pharmacy Society of Wisconsin Annual Meeting, Madison WI, April 27, 2001.

144. *Ischemic Anterior Circulation Stroke*, Foundation for Education and Research in Neurological Emergencies Stroke Symposium, Philadelphia PA Oct 25 2000.
145. *Ethical and medical-Legal Issues in Stroke Care*, Emerging Issues in Acute Stroke Care Symposium, Philadelphia PA, Oct 24 2000.
146. *Serum Markers in Acute Neurologic Emergencies*, EMCREG Pearls of Emergency Medicine Symposium, Cincinnati OH, Sept 22, 2000.
147. *ECCU 2000 Stroke Update*, 2000 International ECCU Conference, San Diego CA, Sept 23 2000.
148. *Advances in Current Stroke Care*, St Mary's Emergency Services Seminar, Evansville, IN, May 2000.
149. *Acute Stroke Treatment*, 2000 Kaiser Permanente Annual Neurology Seminar, Santa Monica CA, March 2000.
150. *Thrombolytic Therapy for Acute Ischemic Stroke*, St Francis Medical Center Grand Rounds, Grand Island, NE, February 2000.
151. *Serum Markers for Acute Neurological Conditions*. Emergency Medicine Update, Scottsdale, AZ, January, 2000.
152. *The Next Step in Delivering Stroke Care*, Monroe, LA, December, 1999.
153. *The Stroke Team Response*, AHA Regional Meeting, St Louis, MO November 5, 1999.
154. *Serum Markers in the Diagnosis of Acute Neurologic Events*, Emergency Medicine Cardiac Research and Education Group Symposium, Las Vegas NV, October 10, 1999.
155. *The Hospital Stroke Team: The Role of the Primary Care Provider*. Jewish Hospital Internal Medicine Grand Rounds, Kenwood, OH August 27, 1999.
156. *What Have We Learned Since June 1997: Thrombolytics in Acute Ischemic Stroke*, Missouri Emergency Medical Society Annual Meeting, Lake of the Ozarks, MO August 6, 1999.
157. *Development of a Multidisciplinary Stroke Team*, Washington University Stroke Team, St Louis, MO June 3, 1999.
158. *The Role of the Emergency Physician in Acute Stroke Management*, St Louis Area Emergency Department Directors Meeting, St Louis, MO June 3, 1999.
159. *The Role of the Emergency Physician in Acute Stroke Management*, Thrombolytics in Acute CVA Seminar, Cleveland, OH April 28, 1999.
160. *Recent Advances in the Treatment of Acute Ischemic Stroke*, Kentucky ACEP, Lexington KY, April 15, 1999.
161. *Controversies in Thrombolytic Use for Stroke*, Massachusetts ACEP, Boston MA, April 13, 1999.
162. *Facial Trauma: Prehospital Management*. Jewish Hospital, Southwest Ohio Regional EMS Meeting, December 15, 1998.
163. *Thrombolytics in Acute Ischemic Stroke: Emergency Medicine Perspective*, Kentucky ACEP, Louisville KY, November 1998.
164. *Evolving Role of EMS in Acute Stroke Management*, New York State EMS Annual Meeting, Syracuse, NY, November 1998.
165. *Advances in Thrombolytic Therapy for Ischemic Stroke*. Hamot Medical Center Neurological Disorders Conference, Erie, PA, September 18, 1998.
166. *Development of Multidisciplinary Stroke Teams*. Lincoln NB, July 15, 1998.
167. *Advances in Stroke Treatment and Public Education Efforts*, Regional American Heart Association Annual Meeting, Hamilton, OH, June 9, 1998.
168. *Therapeutic Window for Thrombolytics and Neuroprotectives in Acute Ischemic Stroke*, National Institute for Health, Brain Attack Coalition / NINDS, Washington DC, June 8, 1998.
169. *Acute Stroke Care in the Emergency Department*, Parkland Hospital Department of Emergency Medicine Grand Rounds, Dallas TX, June 2, 1998.
170. *Developing Strategies in Acute Stroke Care*, Minnesota ACEP Annual Meeting, Minneapolis MN, May 8, 1998.
171. *Recent Advances in Stroke Therapy*. 11th Annual Trauma Care Symposium, Newport KY April 3, 1998.
172. *Current Management of Acute Stroke*, Owensboro Mercy Medical System Program, Owensborough KY, March 30, 1998.
173. *Identification, Triage, and Treatment of Stroke Patients in the Community Emergency Department*, Parkview Hospital Stroke Symposium, Ft. Wayne IN, January 17, 1998.
174. *Thrombolytics in the Treatment of Acute Ischemic Stroke*, St. Joseph's Medical Center, South Bend, IN, December 2, 1997.
175. *Advanced procedural skills course*, University Hospital Air Medical Nursing Staff, Cincinnati OH, November 3, 1997.
176. *Successes in the Treatment of Acute Ischemic Stroke*, Radford Community Hospital Regional Trauma Conference, Radford, VA, October 9, 1997.
177. *Advances in Thrombolytic Therapy for Stroke*, Jewish Hospital Internal Medicine Grand Rounds. Cincinnati, OH, September 16, 1997.
178. *Instructor, Flight Nurse Advanced Trauma Course*. Cincinnati, OH, November 1, 1996.
179. *Case Studies and Differential Diagnoses*, Comprehensive Emergency Nursing Review Course, Cincinnati, OH. June 1996.

#### MODERATOR OR PANEL PARTICIPANT

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1. *Angiotension Receptor Blockage in Acute Stroke: Results from the Scandinavian Candesartan Acute Trial (SCAST)*, interview with Dr. Eivind Berg, AHA Science News 2011.
2. *Telemedicine vs Telephonic Advice for tPA Administration (debate): Moderator*. American Heart Association International Stroke Conference. San Diego CA, Feb 19, 2009.

#### CHAPTERS OR OTHER PARTS OF BOOK

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1. Adeoye O, **Jauch EC**. Chapter: Intracranial hemorrhage and Acute Ischemic Stroke, Emergency Department Critical Care, Yealy/Callaway, Editors. Oxford University Press Publishers. In Press.
2. Andrews, C, **Jauch EC**, Hemphill III, JC. Chapter: Intracerebral Hemorrhage, Emergency Neurological Life Support, In Press. Neurocritical Care e-journal. Available <http://www.neurocriticalcare.org/i4a/pages/index.cfm?pageID=3756>.
3. Salvador Cruz-Flores, Arnold JL, Becker, JU, Hills EC, **Jauch, EC**, Kent, TA, Kirshner, HS, Kissela B, Lorenzo CT, Salcio R, Silver B, Settler B, Wira Charles. Ischemic Stroke in Emergency Medicine. eMedicine from WebMD. Updated Oct 19, 2011. Available at: <http://eMedicine.medscape.com/article/1916852-overview>.
4. **Jauch, EC**, Kissela B, Stettler B. *Acute Management of Stroke*. eMedicine from WebMD. Updated March 28, 2011. Available at: <http://emedicine.medscape.com/article/1159752-overview>.
5. **Jauch EC**, Cadena RS, Kuo JD. *Inhalants*, eMedicine from WebMD. Updated March 19, 2010. Available at: <http://emedicine.medscape.com/article/1174630-overview>.
6. **Jauch EC**, Sean P. Barbabella, Frank Fernandez. Chapter 5: ENT Conditions, Photographic Atlas of Emergency Medicine. Knoop, Stack, and Storrow, Editors. Third edition, McGraw-Hill Publishers, 2009.
7. **Jauch EC**, Brent Gottesman. Chapter 6: Mouth Conditions, Photographic Atlas of Emergency Medicine. Knoop, Stack, and Storrow, Editors. Third edition, McGraw-Hill Publishers, 2009.
8. **Jauch EC**, Crocco T. Acute Stroke. The Textbook of Emergency Cardiovascular Care and CPR. Field, Bresler, Kudelnichuk, Mattu, O'Conner, Silvers,

VandenHoek editors. Lippincott Williams & Wilkins, 2008.

9. Stettler BA, **Jauch EC**. Chapter 98 Neurologic Procedures, *Emergency Medicine*. James G. Adams, Ed. Elsevier, Inc, 2008.
10. Flaherty M, **Jauch EC**, Kothari RU, Broderick JB. Chapter 8: Intravenous Thrombolytic Therapy for Acute Ischemic Stroke. Results of Large, Randomized Clinical Trials, *Thrombolytic Therapy for Stroke*. Patrick D. Lyden, Ed. Humana Press, 2005.
11. **Jauch EC**, *Preparing for the Written Board Exam in Emergency Medicine*, Fifth edition, Carol Rivers Editor. EMEE Publishers, 2004.
12. **Jauch EC**, Knoop K, Kaufman T. Chapter 5: ENT Conditions, *Photographic Atlas of Emergency Medicine*. Knoop, Stack, and Storrow, Editors. Second edition, McGraw-Hill Publishers, 2002.
13. Turner ED, **Jauch EC**. Chapter 6: Mouth Conditions, *Photographic Atlas of Emergency Medicine*. Knoop, Stack, and Storrow, Editors. Second edition, McGraw-Hill Publishers, 2002.
14. **Jauch EC**, Kissela B, McNeil P, *Acute Stroke Management*, eMedicine Neurology online text, 2001 – Present.
15. Kaufman T, **Jauch EC**, Kissela B. *Inhalants*, eMedicine Neurology online text, 2001 – Present.
16. **Jauch EC**, Brain and Nervous System, PEPID 2000 – Portable Emergency Physician Information Database, Pepid LLC, Evanston, IL, 2001.
17. **Jauch EC**, *Preparing for the Written Board Exam in Emergency Medicine*, Fourth edition, Carol Rivers Editor. EMEE Publishers, 2001.
18. **Jauch EC**, Knoop K, Trott A. Chapter 5: ENT Conditions, *Photographic Atlas of Emergency Medicine*. Knoop, Stack, and Storrow, Editors. McGraw-Hill Publishers, 1996.
19. Turner ED, **Jauch EC**, Gahm SJ. Chapter 6: Mouth Conditions, *Photographic Atlas of Emergency Medicine*. Knoop, Stack, and Storrow, Editors. McGraw-Hill Publishers, 1996.

## PEER-REVIEWED PUBLICATIONS

1. Tian, Y, Stamova B, Jickling GC, Xu H, Liu D, Ander BP, Bushnell C, Zhan X, Turner RJ, Davis RR, Verro P, Pevec WC, Hedayati N, Dawson DL, Khoury J, **Jauch EC**, Pancioli A, Broderick JP, Sharp FR. Y Chromosome Gene Expression in the Blood of Male Patients with Ischemic Stroke Compared with Male Controls. *Gender Medicine*. In Press.
2. **Jauch EC**. Relationship of National Institute of Health Stroke Scale to 30-Day Mortality in Medicare Beneficiaries with Acute Ischemic Stroke. *JAHA*. In Press.
3. Sacco RL, Frieden TR, Blakeman DE, **Jauch EC**, Mohl S. What the Million Hearts Initiative Means for Stroke: A Presidential Advisory From the American Heart Association/American Stroke Association. *Stroke*. 2012; published online before print. In Press.
4. Adams RJ, Debenham E, Chalela J, Chimowitz M, Hays A, Hill C, Holmstedt C, **Jauch EC**, Kitch A, Lazaridis C, Turan TN. REACH MUSC: A telemedicine facilitated network for urgent stroke: initial experience. *Front.Neur*. March 14, 2012 3:33:1-4.
5. Borg KT, Bonomo J, **Jauch EC**, Kupchak P, Stanton E, Sawadsky B. Serum levels of biochemical markers of traumatic brain injury. *ISRN Emergency Medicine*. Volume 2012:ID 417313.
6. Stamova B, Tian Y, Jickling G, Bushnell C, Zhan X, Liu D, Ander B, Verro P, Patel V, Pevec W, Hedayati N, Dawson D, **Jauch EC**, Pancioli A, Broderick JP, Sharp F. The X-chromosome has a different pattern of gene expression in women compared to men with ischemic stroke. *Stroke*. 2012; 43:326-334.
7. Goldstein LB, Bushnell CD, Adams RJ, Appel LJ, Braun LT, Chaturvedi S, Creager M, Culebras A, Eckel RH, Hart RG, Hinchey JA, Howard V, **Jauch EC**, Levine SR, Meschia JF, Moore WS, Nixon JV, Pearson TA. Guidelines for the Primary Prevention of Stroke. A Statement for Healthcare Professionals from a Special Writing Group of the Stroke Council, American Heart Association. *Stroke*. 2011;42:571-584.
8. Lazaridis C., Desatis SM, Jauch EC, Adams, RJ. Telestroke in South Carolina. *J Stroke Cerebrovasc Dis* 2011 Dec. 22. Epub.
9. Turk A, Magarik JA, Chaudry I, Tuner RD, Nicholas J, Holmstedt CA, Chalela J, Hays A, Lazaridis C., **Jauch E**, Chimowitz M. Turan T., Adams, R. CT perfusion-guided patient selection for endovascular treatment of acute ischemic stroke is safe and effective. *J Neuroninterv Surg*. 2011 Sept. Epub.
10. Ciolino J, Martin R, Zhao W, Hill M, **Jauch, EC**, Palesch Y. Measuring continuous baseline covariate imbalances in clinical trial data. *Stat Methods Med Res*. August 24, 2011: Epub.
11. Leifer D, Bravata DM, Connors JJ, Hinchey JA, **Jauch EC**, Johnston SC, Latchaw R, Likosky W, Ogilvy C, Qureshi AI, Summers D, Sung GY, Williams LS, Zorowitz R. Metrics for Measuring Quality of Care in Comprehensive Stroke Centers: Detailed Follow-up to Brain Attack Coalition Comprehensive Stroke Center Recommendations. A Statement for Healthcare Professionals from a Special Writing Group of the Stroke Council, American Heart Association. *Stroke*. 2011;42:849-877.
12. Kleindorfer D, Broderick JP, Khoury J, Woo D, Flaherty ML, Alwell K, Moomaw CJ, Pancioli A, **Jauch E**, Miller R, Kissela BM. Emergency Department Arrival Times After Acute Ischemic Stroke During the 1990s. *Neurocritical Care*. 2007;7:1:31-35.
13. Field JM, Hazinski MF, Sayre MR, Chamedes L, Schexnayder SM, Hemphill R, Samson RA, Kattwinkel J, Berg RA, Bhanji F, Cave DM, **Jauch EC**, Kudenchuk PJ, Neumar RW, Peberdy MA, Perlman JM, Sinz E, Travers AH, Berg MD, Billi JE, Eigel B, Hickey RW, Kleinman ME, Link MS, Morrison LJ, O'Connor RE, Schuster M, Callaway CW, Cucchiara B, Ferguson JD, Rea TD, Vanden Hoek TL. Part 1: Executive Summary: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*. 2010 Nov 2; 122 (18 Suppl 3):S640-56. Review.
14. **Jauch EC**, Cucchiara B, Adeoye O, Meurer W, Brice J, Chan YY, Gentile N, Hazinski, MF. Part 11: Adult Stroke: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*. 2010 Nov 2;122 (18 Suppl 3):S818-28. Review.
15. Khatri P, Kleindorfer DO, Yeatts SD, Saver JL, Levine SR, Lyden PD, Moomaw CJ, Palesch YY, **Jauch EC**, Broderick JP. Stroke with minor symptoms: an exploratory analysis of the National Institute of Neurological Disorders and Stroke recombinant tissue plasminogen activator trials. *Stroke*. 2010;41(11):2581-6.
16. Jickling GC, Xu H, Stamova B, Ander BP, Zhan X, Tian Y, Liu D, Turner RJ, Mesias M, Verro P, Khoury J, **Jauch EC**, Pancioli A, Broderick JP, Sharp, SR. Signatures of cardioembolic and large-vessel ischemic stroke. *Ann Neurol*. 2010 Nov;68(5):681-92.
17. Khatri P, Kleindorfer DO, Yeatts SD, Saver JL, Levine SR, Lyden PD, Moomaw CJ, Palesch YY, **Jauch EC**, Broderick JP. Stroke with minor symptoms. *Stroke*. 2010;41:00-00.
18. Stamova B, Xu H, Jickling G, Bushnell C, tian Y, Ander BP, Zhan X, Liu D, Turner R, Adamczyk P, Khoury JC, Pancioli A, **Jauch E**, Broderick JP, sharp FR. Gene Expression Profiling of Blood for the Prediction of Ischemic Stroke. *Stroke*. 2010;41:00-00.
19. Tomsick TA, Khatri P, Jovin T, Demaerschalk B, Malishch T, Demchuk A, Hill MD, **Jauch E**, Spiker J, Broderick JP; IMS II Executive Committee (Collaborators (25). Equipose among recanalization strategies." *Neurology*. 2010 Mar 30;74(13): 1069-76.
20. Nolan JP, Neumar RW, Adrie C, Aibiki M, Berg RA, Böttiger BW, Callaway C, Clark RSB, Geocadin RG, **Jauch EC**, Kern KB, Laurent I, Longstreth WT, Merchant RM, Morley P, Morrison LJ, Nadkarni V, Peberdy M, Rivers EP, Rodriguez-Nunez A, Sellke FW, Spaulding C, Sunde K, Vanden Hoek T; International Liaison Committee on Resuscitation; Emergency Cardiovascular Care Committee, American Heart Association; Council on Cardiovascular Surgery and Anesthesia; Council on Cardiopulmonary, Perioperative, and Critical Care; Council on Clinical Cardiology; Council on Stroke. Anesthesia and Intensive

- Care Medicine, Royal United Hospital, Bath, United Kingdom. "Post-cardiac arrest syndrome: epidemiology, pathophysiology, treatment, and prognostication: a scientific statement from the International Liaison Committee on Resuscitation; the American Heart Association Emergency Cardiovascular Care Committee; the Council on Cardiovascular Surgery and Anesthesia; the Council on Cardiopulmonary, Perioperative, and Critical Care; the Council on Clinical Cardiology; the Council on Stroke (Part II)." *Int Emerg Nurs*. 2010Jan; 18(1):8-28.Epub 2009 Aug 5.
21. Kowalenko T, Char D, Marco C, Asher S, Raja A, Farrell S, Sokolove PE; and collaborators. Society for Academic Emergency Medicine Graduate Medical Education, Ethics and Industry Relations Committees. Industry relations with emergency medicine graduate medical education programs. *Acad Emerg Med*. 2009 Oct;16(10):1025-30.
  22. Birkhahn RH, **Jauch E**, Kramer DA, Nowak RM, Raja AS, Summers RL, Weber JE, Diercks DB; on behalf of the SAEM Industry Relations Committee, 2008–2009. A Review of the Federal Guidelines That Inform and Influence Relationships Between Physicians and Industry. *Acad Emerg Med*. 2009;16:776-781.
  23. del Zoppo GJ, Saver JL, **Jauch EC**, Adams HP. Expansion of the Time Window for Treatment of Acute Ischemic Stroke with Intravenous Tissue Plasminogen Activator – An Advisory Statement From the Stroke Council, American Heart Association and American Stroke Association. *Stroke*. 2009 Aug;40(8):2945-8
  24. Schwamm LS, Holloway RG, Amarenco P, Audebert HJ, Bakas T, Chumbler NR, Handschu R, **Jauch EC**, Knight WA, Levine SR, Mayberg M, Meyer BC, Meyers PM, Skalabrin E, Wechsler LR. A Review of the Evidence for the Use of Telemedicine within Stroke Systems of Care – A Scientific Statement from the American Heart Association. *Stroke*. 2009 Jul;40(7):2616-34.
  25. Adeoya O, Lindsell C, Broderick J, Alwell K, **Jauch E**, Moomaw CJ, Flaherty ML, Pancioli A, Kissela B, Kleindorfer D. Emergency medical services use by stroke patients: a population-based study. *Amer J Emerg Med* 27: 141-45, 2009.
  26. Laskowitz DT, Kasner SE, Saver J, Rempel KS, **Jauch EC**; BRAIN Study Group. Clinical usefulness of a biomarker-based diagnostic test for acute stroke: The Biomarker Rapid Assessment in Ischemic Injury (BRAIN) study. *Stroke* 40: 77-85, 2009.
  27. Torbey MT, **Jauch E**, Liebeskind DS. Thrombolysis 3 to 4.5 hours after acute ischemic stroke. Acute Stroke Advisory Board of the National Stroke Association. *NEJM* 359(13): 1317-29, 2008.
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97. Cain JE, Rosenthal HG, Broom MJ, **Jauch EC**, Borek DA, Jacobs RR. Quantification of leakage pressures after durotomy repairs in the canine. *Spine* 15: 9, 1990.
98. **Jauch EC**. Analysis of load transfer mechanism in proximal femur with total hip replacement. Masters Thesis, Cornell University, December 1986.

#### NON-PEER-REVIEWED PUBLICATIONS

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1. *EMS challenges of bariatric patients* by Will Long, MD, Brett McGary, MD, **Edward Jauch**, MD MS and Don Lundy B.S., NREM-P. 2 part series. *Carolina Fire Rescue EMS Journal*. Vol. 26, No. 2, Fall 2011.
2. **Jauch EC**, Crocco T. Priority Traffic. *JEMS* 29(4): 18-23, 2004.
3. Brott TG, Clark WM, Fagan SC, Grotta JC, Hopkins LN, **Jauch EC**, Latchaw RE, Starkman S. Stroke the first hours: Consensus guidelines for acute treatment. *National Stroke Association*, August 2000.
4. **Jauch EC**, Sztajnkrzyer M, Pancioli A, Broderick J, Kothari R, Brott T, Tuchfarber A, Miller, R, Khoury J. Stroke warning signs and potential risk factors, *Cardiology Review*, February 1999.

#### FACULTY DEVELOPMENT

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Year	Description
11/2011 - 11/2011	AHA Scientific Sessions, Orlando, Florida, 25.50 AMA PRA Category Credits Awarded.
10/2011 - 10/2011	Washington University School of Medicine, St. Louis, MO. Brain Attack! 2011: The Next Generation of Comprehensive Stroke and Cerebrovascular Care. 7.25 hours AMA PRA Category 1 Credits Awarded.
10/2011 - 10/2011	ACEP Scientific Assembly, San Francisco, CA. 19.0 AMA Category Credits Awarded.
10/2011 - 10/2011	Vidico Medical Education, San Francisco, CA. Risky Business: Organizing Stroke Care for Optimal Outcomes. 1.5 AMA PRA Category 1 Credits Awarded.
09/2011 - 09/2011	UMDNJ, Robert Wood Johnson Medical School, Newark, NJ. Advances in Stroke Care 2011. 5.0 AMA PRA Category 1 Credits Awarded.
06/2011 - 06/2011	The International Federation of Emergency Medicine (IFEM), San Miguel de Allende, Guanajuato, Mexico. "Current Stroke Treatment" and "Neuro Imaging in Resuscitation" lectures given during conference.
04/2011 - 04/2011	South Carolina DHEC/MUSC Stroke Center. Webinar. Stroke: The First 3+ Hours Initial Management and Implications for the Emergency Department. Lead Discussion for activity.
03/2011 - 03/2011	NIH Stroke Scale Training-English Group B-V3. Completed March 22, 2011.
03/2011 - 03/2011	ALIAS and IMS III. Modified Rankin Scale Certificate of Training. Completed March 22, 2012 at MUSC.
02/2011 - 02/2011	AHA International Stroke Conference, Los Angeles, CA. 20.25 AMA PRA Category Credits Awarded.
11/2010 - 11/2010	Advanced Interventional Management (AIM Symposium), New York, NY. 10.0 AMA PRA Category 1 Credits Awarded.
09/2010 - 09/2010	ACEP Scientific Assembly, Las Vegas, NV. 8.0 AMA PRA Category 1 Credits Awarded.
07/2010 - 07/2010	MUSC Emergency Medicine, Emergency Medicine Services Symposium. "Tactical Emergency Medicine-Part II", July 23, 2010. 5.5 CEU's Awarded.
07/2010 - 07/2010	MUSC, Office of CME, "Evidence-Based Urgent Stroke Care 2010: REACH/MUSC Tele-Stroke Program", July 9, 2010. 2.75 AMA PRA Category 1 Credits Awarded.
06/2010 - 06/2010	SAEM 2010 Annual Meeting, Phoenix, AZ. The University of California, Irvine School of Medicine, Phoenix, AZ. 24 AMA PRA Category 1 Credits Awarded.
05/2010 - 06/2010	NETT Journal Club 5/10/10 and 6/16/10. University of Michigan School of Medicine. 2.0 AMA PRA Category 1 Credits Awarded.
02/2010 - 02/2010	International Stroke Conference, ISC, San Antonio, TX. 23.00 AMA PRA Category Credits Awarded.
01/2010 - 01/2010	Stroke System of Patient Care - The Entire Continuum - 2nd Annual Southeast Regional Stroke Conference, Tuscaloosa, AL. 12.75 CEU's Awarded.
2009 - 2010	MUSC, Office of CME, Emergency Medicine Grand Rounds, Joint Cerebrovascular Conference, and Pediatric Emergency Medicine

COMMUNITY SERVICE

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- Member, Honduras Medical Mission , 2010 - Present
- Member, Wando High School Scientific Advisory Board , 2009 - Present
- Director, Medical Mission, Good Shepard Orphanage & Clinic, Port-au-Prince Haiti , 1998 - 2008