

## CURRICULUM VITAE

### A. PERSONAL INFORMATION

Name: **Nerses Sanossian, MD, FAHA**

Business Address USC Division of Neurocritical Care & Stroke  
Vascular Neurology Fellowship Program  
1540 Alcazar Street, Suite 209  
Los Angeles, CA 90089  
Tel. 323-442-0049  
Fax. 323-442-7689

Place of Birth Beirut, Lebanon  
Date of Birth June 26, 1974  
Citizenship United States  
E-mail Addresses [sanossia@yahoo.com](mailto:sanossia@yahoo.com)  
[nsanossi@usc.edu](mailto:nsanossi@usc.edu)

Languages Armenian, Spanish



### B. EDUCATION:

High School Buckley School, Los Angeles, CA, 1992

College University of California San Diego, La Jolla, CA  
(B.S. Biochemistry & Cell Biology), *Cum Laude*, 1996

Medical School Albert Einstein College of Medicine, Bronx, NY, (M.D.), 2000

Internship Montefiore Medical Center (Internal Medicine), Bronx, NY,  
2000- 2001

Residency Albert Einstein College of Medicine & Montefiore Medical Center  
(Neurology), Bronx, NY, 2001- 2004

Fellowship University of California Los Angeles (Vascular Neurology),  
Los Angeles, CA, 2004- 2006

Honors and Awards

President's Undergraduate Research Fellowship, UCSD, 1995

High Distinction in Major, Department of Biology, UCSD, 1996

Young Investigator Award, Clinical Neurophysiology Society, 2000

Chief Resident, Department of Neurology, Albert Einstein, 2003

Fellow Teaching Award, Department of Neurology, UCLA, 2005

Fellow Teaching Award, Department of Neurology, UCLA, 2006

Certificate of Appreciation for Generous Contribution to the Teaching Art, Olive-View UCLA Medical Center Foundation, 2006

Teacher of the Year, Department of Neurology, USC, 2007

Teacher of the Year, Department of Neurology, USC, 2009

Junior Academic Neurologist Scholarship, American Neurol. Assn. 2009

Year IV Student Teaching Award, USC Keck School of Medicine, 2010

*Stroke* Progress and Innovation Award (for “CT and MRI Early Vessel Signs Reflect Clot Composition in Acute Stroke”), 2011

Teacher of the Year, Department of Neurology, USC, 2012

Outstanding Required Student Project (RSP) Mentor Award, USC, 2014

Outstanding Plenary Presentation, 18<sup>th</sup> Annual Society for Academic Emergency Medicine Western Regional Meeting, 2015

Clinical Scholar Designation, Keck School of Medicine of USC, 2015

Teacher of the Year, Department of Neurology, USC, 2015

Teaching Award, Vascular Neurology Fellowship, USC, 2016

Year IV Student Teaching Award, USC Keck School of Medicine, 2016

Faculty Mentorship Award, Department of Neurology, USC, 2017

Medical Licensure      California, 2004; New York 2001, Indiana 2014, Nevada 2015

Board Certification      Neurology (ABPN), 2006

Vascular Neurology (ABPN), 2006

Neurosonology (ASN), 2006

Neuroimaging (UCNS), 2008

### C. PROFESSIONAL BACKGROUND

#### Academic Appointments

Associate Professor of Neurology, Clinical Scholar\*

University of Southern California, Keck School of Medicine, 2015-present

\*Clinical Scholar is equivalent to tenure for academic clinicians

Director, Neurocritical Care and Stroke Section, Department of Neurology, University of Southern California, Keck School of Medicine, 2016-present

Director, Vascular Neurology Fellowship (ACGME-Accredited), University of Southern California, Keck School of Medicine, 2008-present

Visiting Professor, Department of Neurosurgery  
Yerevan State Medical University, Republic of Armenia, 2018-present

Assistant Professor of Clinical Neurology  
University of Southern California, Keck School of Medicine, 2006-2015

Associate Director, Neurocritical Care and Stroke Section, Department of Neurology,  
University of Southern California, Keck School of Medicine, 2006-2016

Clinical Instructor of Neurology  
University of California Los Angeles, Geffen School of Medicine, 2004-2006

#### Clinical /Administrative Appointments

Physician Specialist, LAC+USC Medical Center, 2006-present

Attending Physician, Keck Medical Center of USC, 2006-present

Medical Director, LAC+USC Stroke Center, 2011-present

Director, Roxana Todd Hodges Comprehensive Stroke Clinic, 2012-present

Medical Director, USC Verdugo Hills Hospital Stroke Center, 2012-present

Physician Specialist, Rancho Los Amigos National Rehabilitation Center, 2014-present

Medical Director, Transcranial Doppler Program, Keck Medical Center 2006-2012

#### Specific Teaching Responsibilities

Lecturer MEDS-315 "Human Anatomy, Physiology, and the Technology of Medicine: Then, Now, and Tomorrow", USC 2017-present

Lecturer, "Restorative Neurorehabilitation" BKN599, Biokinesiology, USC 2014-2016

Group Leader, Introduction to Clinical Medicine, USC 2013-2014

Director, RTH Stroke Journal Club, USC, 2012-present

Lecturer, Department of Psychiatry core curriculum, USC, 2011-present

Lecturer, Critical Care Medicine core curriculum, USC, 2009-present

Lecturer, Vascular Medicine Fellowship core curriculum, USC, 2010-2015

Lecturer, School of Occupational Therapy core curriculum USC, 2008-2011

Lecturer, Transcranial Doppler Course, UCLA, 2008-2014 (3 times per year)

Instructor, Case-Based Learning, USC Keck Neuroscience course, 2009-present

Lecturer, *The Neurobiology of Disease*, USC Neuroscience Program, 2008-2013

Director, Transcranial Doppler Monthly Journal Club, USC, 2006-2012

Lecturer, USC Cardiology core curriculum, 2007-present

Lecturer, LAC+USC Internal Medicine Core Curriculum, 2006-present

Mentor, medical student second-year research elective, USC, 2006 – 2008, 2010-2012

Lecturer, first-year medical student neuroscience course, USC, 2007 - present

Lecturer, medical student neurology rotation core curriculum, USC, 2006-present  
Lecturer, Department of Neurology resident neuro-school, USC, 2006-present  
Mentor, individual neurology resident stroke research elective, USC; 2006-7, 2009-2015  
Lecturer, neurology resident board review, USC, 2006-present  
Instructor, Problem-Based Learning, UCLA Neuroscience course, 2006  
Instructor, Problem-Based Learning, Albert Einstein COM Neuroscience Course, 2004

#### D. Society Memberships

##### Professional

Fellow, American Heart Association, 2010-present (member 2004-2010)  
Fellow, European Stroke Organization, 2017-present (member 2012-2017)  
Member, American Neurological Association, 2012-present  
Member, American Academy of Neurology, 2000-present  
Member, American Society of Neuroimaging, 2005-present  
Member, Neurocritical Care Society, 2007-2013  
Member, National Lipid Association, 2008-2013  
Member, Armenian American Medical Society of California, 2008-present  
Member, Los Angeles Stroke Society, 2008-present  
Member, World Stroke Organization, 2011-present

#### E. Service

##### Professional Organizations

###### Local

Los Angeles County Board of Supervisors  
Commissioner, Emergency Medical Services, 2013-present  
Chair, Data Systems Committee, LA EMS Agency, 2016-present  
  
Los Angeles Stroke Society  
Co-Director, 2011-present  
  
Armenian American Medical Society  
Organizing Committee: 11th Armenian Medical World Congress, 2013  
  
Los Angeles County Emergency Medical Services Agency  
Primary Stroke Center Data Collection Committee, 2010-present

###### National/International

American Heart Association  
President, Board of Directors of Los Angeles County, 2013-2014  
Member, Board of Directors of Los Angeles County, 2009-2015  
Member, Stroke Leadership Committee, 2012-present  
Member, Science Advisory & Coordinating Committee, 2014-2016  
Fellow of the Stroke Council, 2010-present  
Media Spokesperson, 2006-present  
Advocacy Leader, 2007  
Member, Stroke Task Force Committee, 2008-present  
Speaker, Spotlight Series on Dyslipidemia, 2008-2012  
Speaker, Spotlight Series on Cardioembolic Stroke, 2018-present

Abstract reviewer, International Stroke Congress, 2013-2018  
Faculty, International Stroke Conference, 2013-2018  
Member, Get-With-The-Guidelines Committee, 2014-2018  
Member, Research Funding Subcommittee, 2016-present  
Member, International Committee, 2016-present

American Academy of Neurology  
Stroke Systems Working Group, 2011-2017  
NeuroSAE-Vascular Edition Work Group, 2011-present  
Member, Stroke Section  
Member, General Neurohospitalist Section  
Abstract Reviewer, AAN Annual Conference, 2015 - 2018

American Society of Neuroimaging  
Course Director: Hyper-acute Imaging of Stroke: New Frontiers and  
Novel Approaches, Annual Conference, Orlando FL, 2016  
Program Committee, Annual Conference, Los Angeles, CA 2017

#### Research Study Leadership

Chair, Data Safety Monitoring Board, HYFLOW, Hyperdynamic Therapy in Acute Ischemic Stroke (Clinical Trial, funded by AAN), 2006-2008

Chair, Data Safety Monitoring Board: Neuroflow for MERCI failure in Acute Ischemic Stroke (Clinical Trial, funded by Coaxia inc.), 2008-2011

Co-chair, publications committee, Field Administration of Stroke Therapy-Magnesium (Clinical Trial funded by NIH), 2009-present

Member, Data Safety Monitoring Board: Phase II, Randomized, Double-Blinded, Placebo-Controlled, Clinical Trial of Extended-Release Niacin (Niaspan®) to Augment Subacute Ischemic Stroke Recovery (Clinical Trial, funded privately), 2009-2012

Member, Imaging Core Lab: TREVO 2 Multicenter Clinical Trial of a novel endovascular device compared to standard endovascular therapy (Clinical Trial funded by Concentric Medical), 2011-2012

Member, Clinical Events Committee, Solitaire FR as Primary Treatment for Acute Ischemic Stroke (SWIFT PRIME) study (Clinical Trial funded by Covidien), 2013- 2015

Member, Clinical Events Committee, Prospective Study on Embolization of Intracranial Aneurysms With Pipeline™ Embolization Device (PREMIER) study (Clinical Trial funded by Covidien), 2014-present

Member, External Advisory Committee, Rapid Intervention with Glyceryl trinitrate in Hypertensive stroke Trial-2 (RIGHT-2), clinical trial funded by British Heart Foundation, 2014-present

Member, Clinical Events Committee, Apollo™ Onyx™ Delivery Micro Catheter Post Market Safety Study (Registry funded by Medtronic Inc.), 2015-present

Chair, Clinical Events Committee, Systematic Evaluation of Patients Treated with Neurothrombectomy Devices for Acute Ischemic Stroke (STRATIS) Registry, (Medtronic Inc.), 2015-present

Member, Steering Committee, Blood pressure lowering in Acute Stroke Consortium (BASC), research group headed by Philip M Bath, Nottingham, United Kingdom 2014-present

Chair, Data Safety and Monitoring Board, Candesartan's Effects on Alzheimer's Disease And Related Biomarkers (CEDAR) study (Clinical trial funded by the NIH) 2016-2021

Member, Stroke Paramedic Early treatment Delivery (SPEEDY) Trials Collaboration, 2017-present

Member, Data Safety Monitoring Board, Transcranial electrical Stimulation in Stroke Early After onset Clinical Trial (TESSERACT, funded by AHA), 2018-2020

#### University

Liaison Committee on Medical Education, Keck School of Medicine, 2016-2017  
Chair, Faculty Review Committee

Introduction to Clinical Medicine (ICM) 1<sup>st</sup> year student group leader, 2013-2014

Peer Reviewer, Department of Neurology, Keck Medical Center of USC, 2010-2015

Los Angeles County Network Anticoagulation Committee, 2011-2015

Graduate Medical Education Committee, USC Department of Neurology, 2006-present  
Member, Neurology Residency Admissions Subcommittee  
Member, Clinical Competency Subcommittee  
Chair, Resident Research Committee

Liaison Committee on Medical Education, Keck School of Medicine, 2008-2009  
Member, Faculty Review Committee  
Member, Junior Faculty Development Subcommittee

Medical Student Scholarship Committee, Keck School of Medicine  
Member 2009-present  
Chair 2015-present

Medical Student Selection Committee, Keck School of Medicine, 2013-2015

Medical Student Recruitment Committee, Keck School of Medicine, 2009-present

Faculty Advisor: Student Interest Group in Neurology (SIGN), 2009-present

Member, Cerner Task Force, Department of Neurology, 2011-2012

Member, Zumberge grant award review panel, 2010

Neurosurgery Residency Program Internal Review Committee, USC, 2008

Editorial Positions

*Stroke* (editorial board, blog co-editor) 2014-present

*Journal of Neuroimaging* (editorial board) 2016-present

Journal Review (Ad-Hoc)

*Neurotherapeutics*, 2006, *Clinical Neurology and Neurosurgery*, 2007-2008, 2010, *Nature Clinical Practice Cardiology*, 2007, *PLOS Medicine*, 2008, *European Neurology*, 2009, *BMC Medical Education*, 2009, *Journal of Neurology, Neurosurgery & Psychiatry*, 2009, *Stroke* 2009-2018, *Journal of Medical Case Reports*, 2010, *Neurology*, 2010-2018, *Journal of Stroke and Cerebrovascular Diseases*, 2011, *BMC Neurology* 2012, *Annals of Neurology* 2007, 2009, 2012, 2018, *Journal of Neuroimaging* 2009-2018 *Stroke Research and Treatment* 2012, *Journal of Cerebral Blood Flow and Metabolism* 2012, *American Journal of Neuroradiology* 2013, *Circulation* 2015

Grant Review

American Heart Association, Western States Section Committee, regular member of review panel 1A, 2007 - 2008, 2010

American Heart Association National Grant Review Committee, 2011, 2012 (2 sessions), 2013 (2 sessions), 2015 (2 sessions), 2016 (2 sessions)

Wellcome Trust (United Kingdom) Intermediate Fellowship grant reviewer, 2012

Zumberge Award Review Panel, University of Southern California, 2010

Community Service

Mentor, Armenian General Benevolent Union Generation Next Program, 2006-2014

Director, American Heart Association- LAC+USC Wellness Center, 2012-2014

Organizing Committee: Yerevan State University Stroke Center (Armenia), 2013

F. Research Activities:

Major Areas of Research Interest

- Pre-hospital systems for treatment of stroke
- Stroke prevention and treatment in underserved and minority populations
- Emergency identification and treatment of intracerebral hemorrhage
- Neuroimaging of stroke and cerebrovascular disease

Research Grants: Current Funding

PreHospital Acute Stroke Therapy with Trans Sodium Crocetinate (PHAST-TSC); 2018-2022; TDC \$3,000,000

Role: Principal Investigator (multiple PI, 20% effort)

This phase 2 prehospital clinical trial is funded by Diffusion Pharma and will test a novel intravenous neuroprotectant in likely stroke patients evaluated the field <2 hours from symptom onset

Roxana Todd Hodges Foundation; 2014-2020; TDC \$180,000

Comprehensive Assessment of Transient Ischemic Attack

Role: Principal Investigator (5% effort)

This is a prospective study to evaluate novel imaging and serum biomarkers for TIA and stroke

NINDS 1U10NS086521-01 (Co-PIs: Saver/Sung); 2013-2018; TDC \$2,500,000

Stroke Trials Network - Regional Coordinating Stroke Center

Role: Co-Investigator (2% effort)

Infrastructure support for creating and maintaining a network of community and academic centers focused on recruiting subjects into NIH-sponsored clinical trials

NINDS 1U54NS081764-01-5158 (PI: Vickrey/UCLA); 2013-2019; TDC \$2,700,000

Los Angeles Stroke Prevention/Intervention Research Program in Health Disparities (SPIRP)

Role: Site Principal Investigator (5% effort)

This is a randomized study of community health workers performing in-house visits vs. usual care for increasing compliance with proven stroke prevention therapies in the Los Angeles County safety net

NINDS 1U01NS095869-01A1 (PI: Elkind); 2017-2021; TDC \$4,100,000

Atrial Cardiopathy and Antithrombotic Drugs in Prevention After Cryptogenic Stroke (ARCADIA)

Role: Site PI (3% effort)

Randomized controlled trial of antiplatelet vs. anticoagulation for secondary stroke prevention when markers of atrial cardiopathy are present

#### Research Grants: Pending

TEsting Multiple PrehOspital therapies for Emergency Management of Stroke (TEMPO-EMS) Clinical Trial

Role: PI (Multiple PI, 20% effort)

Re-submission to the NIH pending 2019, TDC \$15,600,000

Prehospital Acute Stroke Triage Time (PAST-Time): A Pragmatic Trial

Role: PI (Multiple PI, 15% effort)

Re-submission to the NIH pending 2019, TDC \$6,500,000

Blast Resolve System Phase 1 Study

Role: Co-investigator (10% effort)

Submitted to NIH June 2018 awaiting review, TDC 2,000,000

#### Research Grants: Past Funding



California Community Endowment: 2012-2018; TDC \$100,000  
Field Administration of Stroke Therapy: Blood Pressure Lowering (FAST-BP) pilot trial  
Role: Principal Investigator (5% effort)  
This is a Phase 2A clinical trial of paramedic-initiated transdermal nitroglycerine for lowering blood pressure in extremely hypertensive acute stroke patients

NINDS 1U01 NS44364 (PI: Saver/UCLA); 2004-2016; TDC \$18,000,000  
Field Administration of Stroke Therapy Magnesium (FAST-MAG) Clinical Trial  
Role: Co-Investigator; (3% effort); Member, Steering Committee; Co-Chair, Publications Committee  
This is a completed phase 3 randomized controlled trial of paramedic-initiated magnesium sulfate vs. placebo in acute stroke, current effort on publications committee

American Heart Association Beginning Grant-In-Aid Award; 2007-2009, TDC \$140,000  
Dysfunctional High-Density Cholesterol in Atherosclerotic Stroke  
Role: Principal Investigator (25% effort)  
This was a laboratory project testing the ability of a novel assay of HDL function to predict atherosclerosis progression in a group of people at high risk of stroke.

USC Zumberge Fund Individual Grant; 2008-2011, TDC \$25,000  
Dysfunctional High-Density Cholesterol and the Brain  
Role: Principal Investigator,  
This project involved testing the HDL function assay in predicting progression of white matter hyperintensities in a group of elderly participants with mild dementia and vascular disease

American Heart Association (Overall PI: Barbara Vickery); 2008-2013; TDC \$3,891,800  
A multi-center randomized clinical trial to test a care management intervention for delivering secondary stroke prevention to patients at county hospitals  
Role: Site PI  
This project involved testing a novel stroke prevention paradigm vs. usual care in the Los Angeles County safety net hospitals for compliance with proven stroke prevention therapies

NIH-NIA 5P01 AG012435-18 (PI: Chui); 1994-2015; TDC \$1,648,741  
The Aging Brain: Vasculature, Ischemia, and Behavior  
Role: Co-Investigator (1% effort), Clinical and Imaging Cores

NINDS 5U01 NS 069763-05 (PI: Woo/U of Cincinnati); 2010-2015; TDC \$5,463,860  
Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH)  
Role: Site Co-Investigator (Site PI: Sung); 1% effort

NINDS U01 NS062851-05 (PI: Hanley/Johns Hopkins); 2008-2015; TDC: \$4,189,305  
Clot Lysis: Evaluating Accelerated Resolution of IVH Phase III (CLEAR III)  
Role: Co-Investigator; 1% effort

NINDS 5R01 HD065438-04; (Co-PIs: Schweighofer/Winstein); 2011-2015; TDC: \$206,550  
Dose Optimization for Stroke Evaluation (DOSE) Trial  
Role: Co-Investigator; 1% effort

Medtronic (PI: Starnes); 2014-2016; TDC: \$76,000  
CoreValve® SURTAVI  
Role: Co-Investigator; 1% effort

USC CTSI Pilot Grant (PI: Fisher); 2011-2015; TDC: \$200,000  
Accelerated Arm Recovery after Stroke through Cortical Modulation: an rTMS Study  
Role: Co-Investigator; 1% effort

#### Research Fellowship Awards

National Institutes of Health Loan Repayment Program (NIH-LRP) Clinical Research Award; 2005-2007, competitive renewal 2007-2009  
Dysfunctional High-Density Lipoprotein Cholesterol in Atherosclerotic Stroke

National Institute of Neurological Disorders and Stroke; 2005-2006  
Specialized Program of Translational Research in Acute Stroke (SPOTRIAS) Clinical Fellowship

National Institutes of Health K30 Certificate Program for Graduate Training in Translational Investigation; 2005-2008

American Heart Association Scholarship in Cerebrovascular Disorders and Stroke:  
Mentor to Adrian Burgos: Imaging Intracerebral Hemorrhage in the First Hour after Symptom Onset: 3 abstracts were presented at the 2011 International Stroke Conference.  
Mentor to Catherine McDonald: Hospital Characteristics Associated with Advanced Primary Stroke Center Designation: 2 abstracts presented at the 2014 International Stroke Conference

#### G. Invited Lectures

##### International

*Stroke Subtypes and Neuroimaging*: First World Armenian Neuroscience Symposium, Yerevan, Armenia, June 2007

*Interventional Management of Stroke*: National Hospital Stroke Symposium, Ho Chi Minh City, Vietnam, November 2010

*Hemicraniectomy for Malignant Middle Cerebral Artery Stroke*: International Neurology Forum, Ho Chi Minh City, Vietnam, November 2010

*Prehospital Identification and Treatment of Intracerebral Hemorrhage*: Tiantin Stroke Center, Beijing, China, October 2011

*Blood Pressure Management of ICH in Patients Recruited into FAST-MAG*: Asia Pacific Stroke Conference, Hong Kong, August 2013

*Acute Stroke Treatment: Intravenous and Endovascular*: Stroke Treatment 2013, Yerevan State Medical University, Republic of Armenia

*Stroke Systems Organization: Emergency Medical Services*: Stroke Treatment 2013, Yerevan State Medical University, Republic of Armenia

*Organization of Stroke Care/Unit: Stroke Summer School for Young Neurologists, Tsaghkadzor, Republic of Armenia, 2014*

*Acute Stroke Imaging: Stroke Summer School for Young Neurologists, Tsaghkadzor, Republic of Armenia, 2014*

*Acute Stroke: Current Treatment: Stroke Summer School for Young Neurologists, Tsaghkadzor, Republic of Armenia, 2014*

*Subarachnoid Hemorrhage and Intracerebral Hemorrhage: Stroke Summer School for Young Neurologists, Tsaghkadzor, Republic of Armenia, 2014*

*The Clinical Course of Stroke Assessed in the First Hour After Onset: Asia Pacific Stroke Conference, Taiwan, September 2014*

*Adaptive Clinical Trial Design: The Basics and Application to Intracranial Atherosclerosis: 7<sup>th</sup> International Conference on Intracranial Atherosclerosis, Chengdu, China, September 2014*

*Fundamentals of Critical Care for Acute Ischemic Stroke: 9<sup>th</sup> World Stroke Congress, Istanbul, Turkey, October 2014*

*How to Best Identify Stroke Mimics During the Patch Call: Prehospital Research Conference, Sunnybrook Medical Center Toronto, Canada, November 2014*

*Prehospital Assessment of Stroke, Can we Identify ICH Cases: Prehospital Research Conference, Sunnybrook Medical Center Toronto, Canada, Nov 2014*

*The Future of Acute Stroke Treatment: Fast and Furious: University of Toronto Neurology Grand Rounds, Toronto, Canada, November 2014*

*Prehospital Neuroprotection Followed by Reperfusion Therapy, Results from the FAST-MAG Clinical Trial: Brain, Ischemia and Stroke (bis 2014), Rome, Italy, December 2014*

*Prehospital Neuroprotection for Stroke: Lessons Learned from and Future Directions: China Forum on Cerebrovascular Diseases, Beijing, China, May 2016*

*New Methods for Conducting Prehospital Clinical Trials for Stroke: Japan Stroke Society Annual Conference, Sapporo, Japan, May 2016*

*Prehospital and Emergency Treatment of Stroke: Ho Chi Minh City Stroke Conference, Vietnam, September 2016*

*Emergency Treatment of Intracerebral Hemorrhage: Ho Chi Minh City Stroke Conference, Vietnam, September 2016*

*Prehospital Trial Design: European Stroke Conference, Berlin, Germany, May 2017*

*Prehospital Identification and Treatment of Intracerebral Hemorrhage:*  
Neurocritical Care Symposium, Quito, Ecuador, November 2017

Other

*Genetics of the Progressive Myoclonus Epilepsies:* Pediatric Neurology Grand Rounds: Albert Einstein College of Medicine, Bronx NY, September 2002

*The Effects of Antithrombotic Use on Ischemic Stroke Severity:* Ninth Armenian Medical World Congress: San Francisco, CA, June 2005

*High Density Lipoprotein Cholesterol and Stroke:* UCLA: Stroke Neurology Grand Rounds, Los Angeles CA, September 2005

*Stroke is a Medical Emergency:* AHA Western States Affiliate/LAUSD Nursing Symposium, Los Angeles, CA, September 2005

*High Density Lipoprotein Cholesterol and Stroke:* Albert Einstein College of Medicine: Grand Rounds, Bronx NY, October 2005

*High Density Lipoprotein Cholesterol and Stroke:* USC Department of Neurology Grand Rounds, Los Angeles CA, March 2006

*An Emerging Paradigm for Acute Stroke Care:* USC Department of Neurology Grand Rounds, July 2006

*An Emerging Paradigm for Acute Stroke Care:* Jacobi Medical Center, Bronx NY, August 2006

*Neurological Complications of Trauma:* LAC+USC Trauma Surgery Grand Rounds, Los Angeles CA, October 2006

*An Emerging Paradigm for Acute Stroke Care:* University of Hawaii Neurology Grand Rounds, February 2007

*Transcranial Doppler in Stroke and Beyond,* USC Department of Neurology Grand Rounds, Los Angeles CA, May 2007

*Critical Care Issues in Stroke,* USC Pulmonary and Critical Care Department Grand Rounds, Los Angeles CA, June 2007

*Care of the Acute Stroke Patient,* Rancho Los Amigos Nursing Seminar, Downey, September 2007

*Planning an Career in Academic Neurology,* USC Neurology Resident forum, Los Angeles CA, March 2008

*Stroke Prevention: Where Are We Now:* Providence-St. Joseph Medical Center, Burbank CA, June 2008

*Stroke Prevention: Where Are We Now:* Greater Los Angeles VA Medical Center  
Neurology Grand Rounds, Los Angeles CA, August 2008

*An Emerging Paradigm for Acute Stroke Care:* San Joaquin Medical Center  
Symposium, Bakersfield CA, September 2008

*Statins in Stroke: When to Start Them, When Not to Stop Them,* USC Department  
of Neurology Grand Rounds, Los Angeles CA, December, 2008

*Stroke Prevention: Where Are We Now:* Torrance Memorial Medical Center,  
Torrance CA, May 2009

*Stroke Prevention: Where Are We Now:* Providence-St. Joseph Medical Center,  
Burbank CA, June 2009

*Evaluation of Post-Operative Encephalopathy:* Mount Sinai Medical Center  
Department of Psychiatry, New York NY, August 2009

*Cardioembolic Stroke: Epidemiology, Mechanisms, Evaluation & Treatment:*  
USC Neurology Grand Rounds, Los Angeles CA, September, 2009

*Cholesterol, Statins, and Stroke:* Western States Stroke Consortium Meeting, Salt  
Lake City UT, September 2009

*High Density Lipoprotein Cholesterol and Stroke:* AAMSC annual conference,  
Las Vegas NV, October 2009

*An Emerging Paradigm for Acute Stroke Care:* 36<sup>th</sup> Annual Irving M. Rasgon  
Family Practice Symposium, October 2009

*Neurological Complications of Trauma:* LAC+USC Trauma Surgery Grand  
Rounds, Los Angeles CA, October 2009

*A Rational Approach to Evaluation of the Dizzy Patient:* 36<sup>th</sup> Annual Irving M.  
Rasgon Family Practice Symposium, Las Vegas NV, October 2009

*An Emerging Paradigm for Acute Stroke Care:* Neurology Grand Rounds,  
University of Florida, Gainesville FL, November 2009

*Stroke Care in 2009: Five High Impact Studies:* University of Florida Vascular  
Conference, Gainesville FL, November 2009

*An Emerging Paradigm for Acute Stroke Care:* Providence Holy Cross Medical  
Center Grand Rounds, Los Angeles CA, November 2009

*Critical Care Issues in Stroke,* USC Pulmonary and Critical Care Department  
Grand Rounds, Los Angeles CA, December 2009

*Emergency Treatment of Intracerebral Hemorrhage:* Beth Israel Medical Center  
Grand Rounds, New York NY, March 2011

*Emergency Treatment of Intracerebral Hemorrhage:* USC Neurology Grand Rounds, Los Angeles CA, April 2011

*Cholesterol, Statins, and Stroke:* West Los Angeles Veteran's Affairs Hospital Grand Rounds, Los Angeles CA, October 2011

*Transcranial Doppler in the Assessment of Cerebrovascular Disease:* USC Department of Neurology Grand Rounds, Los Angeles CA, July 2010

*Emerging Therapies in Neurocritical Care:* Magnesium: Neurocritical Care Society Annual Meeting, San Francisco CA, September 2010

*New Antithrombotic Agents in Stroke Prevention:* Cedars Sinai Neurology Grand Rounds, Los Angeles CA, January 2011

*Emergency Treatment of Intracerebral Hemorrhage:* UCLA Grand Rounds, September 2011

*New Antithrombotic Agents in Stroke Prevention:* Madigan Army Medical Center, Tacoma WA, February 2012

*Complications of Stroke:* USC University Hospital Stroke Training Symposium, Los Angeles CA, March 2011

*Overview of the Stroke System of Care in Los Angeles County:* USC University Hospital Stroke Training Symposium, Los Angeles CA, March 2011

*Complications of Stroke:* USC University Hospital Stroke Training Symposium, Los Angeles CA, May 2011

*Overview of the Stroke System of Care in Los Angeles County:* USC University Hospital Stroke Training Symposium, Los Angeles CA, May 2011

*Stroke Prevention 2011: Current Challenges and Recent Achievements:* Stroke Conference, Antelope Valley Medical Center, Lancaster CA, June 2011

*Recent Controversies in Acute Stroke Management,* Kaiser Permanente Internal Medicine Symposium, Anaheim Convention Center CA, September 2011

*Prehospital Recruitment: FAST-MAG Trial Lessons:* International Stroke Conference, New Orleans LA, February 2012

*Primary Stroke Centers: The Basics of Integrated Acute Stroke Care:* American Academy of Neurology Annual Meeting, New Orleans LA, April 2012

*Cerebral Vascular Reserve and Migraine:* Transcranial Doppler & Cerebral Blood Flow Monitoring Course, UCLA, three times yearly, 2006-2014

*Emergency Treatment of Intracerebral Hemorrhage,* Harbor-UCLA Medical Center Grand Rounds, Torrance CA, October 2012

*Stroke: Evolution of Care over 20 Years:* Keck School of Medicine Reunion, Los Angeles CA, October 2012

*Stroke: Evolution of Care over 20 Years:* Eisenhower Medical Center Grand Rounds, Rancho Mirage CA, April 2013

*Transient Ischemic Attack, Role of a TIA Clinic:* American Heart Association Get With The Guidelines® Pursuit of Clinical Excellence Stroke Workshop, Palm Springs, CA, April 2013

*Pre-hospital Stroke Research in Southern California: Where are We Now and What's Next?* American Heart Association Get With The Guidelines® Pursuit of Clinical Excellence Stroke Workshop, Palm Springs, CA, April 2013

*Antithrombotic Agents in Stroke: Current Issues:* Garfield Medical Center Grand Rounds, Los Angeles CA, April 2013

*Advances in Acute Stroke and Emergency Systems of Stroke Care:* Saint Francis Medical Center Grand Rounds, Lynwood, CA, June 2014

*Systems of Prehospital Stroke Care:* Orange County Emergency Medical Services Symposium, Santa Ana, CA, September 2014

*Medical Management of Arteriovenous Malformations:* 2014 USC Cerebrovascular Disease Symposium, Los Angeles, CA, September 2014

*Medical Management of Carotid Stenosis:* 2014 USC Cerebrovascular Disease Symposium, Los Angeles, CA, September 2014

*Altering Hemodynamics in the Field: Benefits of Early Intervention or Collateral Damage?* 2<sup>nd</sup> International Symposium on Collaterals in the Brain, Los Angeles CA, November 2014

*Fast and Furious: Acute Stroke Care in the Present and Future:* Grand Rounds, Boston University Medical Center, March 2015

*Stroke in the Very Aged*  
Florida Stroke Symposium, Ft. Lauderdale, FL, May 2015

*Integrating Prehospital Systems with Primary and Comprehensive Stroke Centers in Los Angeles*  
California Hospital Stroke Symposium 2015, May 2015

*Prehospital Stroke Research: Lessons Learned and Future Directions*  
American Neurological Association Annual Conference, September 2015

*Fast and Furious: Regionalization of Stroke Care*  
USC Cerebrovascular Disease Symposium, October 2015

*Transcranial Doppler Aids the Management of Carotid Disease*  
Huntington Hospital Neuroscience Symposium, October 2015

*Stroke Management in the Very Elderly*  
St. Jude Medical Center Stroke Symposium, October 2015

*Hyperacute Imaging of Intracerebral Hemorrhage, is Non-Contrast CT Enough?*  
American Society of Neuroimaging Annual Conference, January 2015

*Stroke Management in the Very Elderly*  
Department of Neurology Grand Rounds, USC, June 2016

*EMS Routing of Stroke Patients*  
USC Cerebrovascular Disease Symposium, October 2016

*Prehospital Stroke Care and Research: Lessons Learned and Future Directions*  
Department of Neurology Grand Rounds, SUNY Downstate, December 2016

*Trial Design and Implementation: Reconsidering Neuroprotection in the Reperfusion Era.* International Stroke Conference, Houston, TX 2017

*Prehospital Stroke Care and Research: Lessons Learned and Future Directions*  
Society for Brain Mapping & Therapeutics Annual Conference, April 2017

*Prehospital Stroke Care and Research, Lessons Learned and Future Directions:*  
8<sup>th</sup> Annual Reading Hospital Stroke Conference, Reading PA, September 2017

*Prehospital Systems of Stroke Care in Los Angeles:*  
Providence-St. Joseph Medical Center, Burbank CA, May, 2018

*Systems of Prehospital Care and Research in Los Angeles County*  
Neurosurgery Grand Rounds, Keck School of Medicine of USC, August, 2018

*Neuroprotection in the Prehospital Setting*  
International Stroke Conference, Honolulu HI, February, 2019

*Statin Therapy for Acute Ischemic Stroke*  
International Stroke Conference, Honolulu HI, February, 2019