

Curriculum Vitae

Date of preparation: February 7, 2020

PERSONAL DATA:

Name: **MITCHELL S. V. ELKIND**
 Title: Professor of Neurology and Epidemiology
 Birthdate: April 3, 1965
 Birthplace: Mount Vernon, NY
 Citizenship: USA

Home Address: 531 West 112th Street, Apt 8C
 New York, NY 10025

Professional Address: Stroke Service
 Neurological Institute
 710 West 168th Street, Rm. 641
 New York, NY 10032
 Tel: (212) 305-1710
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ACADEMIC TRAINING:

September 1983 - June 1987: Harvard College Cambridge, MA
 A.B. Magna cum Laude in Philosophy

September 1987 - August 1988: M.Phil., Cambridge University Cambridge, England
 M. Phil. in History and Philosophy of Science at Darwin
 College as a National Science Foundation Graduate Fellow.

September 1988 - June 1992: M.D., Harvard Medical School Boston, MA

July 1996 – June 1998: M.S. in Epidemiology
 Columbia University School of Public Health New York, NY

POST-DOCTORAL TRAINING:

July 1992 - June 1993: Intern, Internal Medicine
 Brigham and Women's Hospital Boston, MA

July 1993 - June 1996: Resident, Neurology
 Massachusetts General Hospital Boston, MA

June 1995 - June 1996: Chief Resident, Neurology
 Massachusetts General Hospital Boston, MA

July 1996 – June 1998: Clinical Fellow, Neuroepidemiology and Cerebrovascular Disease
 Stroke Service
 Columbia Presbyterian Medical Center New York, NY

BOARD CERTIFICATION AND LICENSURE:

July 1996	New York State License No. 203620
July 1996	DEA Registration No. BE4917829
May 1997	Diplomate, American Board of Psychiatry and Neurology, Certificate No. 44063
May 2007	Recertification, American Board of Psychiatry and Neurology, Cert. No. 44063
Sept 2007	Connecticut License No. 045847
Oct 2007	New Jersey License No. 25MA08324300
May 2008	Vascular Neurology Certification, American Board of Psychiatry and Neurology, Certificate No. 449
Oct 29, 2018	Recertification, American Board of Psychiatry and Neurology, Cert. No. 44063
April 29, 2019	Recertification, Vascular Neurology, American Board of Psychiatry and Neurology, Certificate No. 449

MILITARY SERVICE:

None.

PROFESSIONAL ORGANIZATIONS:

1992	American Medical Association
1992	Massachusetts Medical Society
1994	Member, American Academy of Neurology
1998	National Stroke Association
1998	National Headache Foundation
1998	Stroke Council, American Heart Association
2000	Medical Society of the State of New York
2004	Fellow, American Academy of Neurology
2006	Member, American Neurological Association
2012	Fellow, American Heart Association Stroke Council

ACADEMIC APPOINTMENTS:

July 1998-June 2001:	Assistant Professor of Neurology Columbia University College of Physicians and Surgeons, New York, NY
July 2001-June 2006:	Assistant Professor of Neurology (in the Gertrude H. Sergievsky Center) Columbia University College of Physicians and Surgeons, New York, NY
July 2006-Dec 2010:	Associate Professor of Neurology (with tenure) Columbia University College of Physicians and Surgeons, New York, NY
July 2008-Mar 2011:	Associate Chairman for Clinical Research and Training, Department of Neurology Columbia University College of Physicians and Surgeons, New York, NY
Jan 2010 – Dec 2013:	Associate Professor of Neurology and Epidemiology (in the Sergievsky Center) (with tenure), Columbia University College of Physicians and Surgeons; Mailman School of Public Health, Columbia University, New York, NY

- Jan 2014 –: Professor of Neurology and Epidemiology (in the Sergievsky Center) (with tenure); Columbia University College of Physicians and Surgeons; Mailman School of Public Health, Columbia University, New York, NY
- Oct 2014–: Chief, Division of Neurology Clinical Outcomes Research and Population Sciences (Neuro CORPS), Department of Neurology, Columbia University, New York, NY

HOSPITAL APPOINTMENTS:

- July 1996 - June 1998: Clinical Assistant in the Neurology Service
Director, Cerebrovascular Anticoagulation Clinic
Columbia-Presbyterian Medical Center, New York, NY
- July 1998 – June 2006: Assistant Attending Neurologist
New York-Presbyterian Hospital, New York, NY
(Milstein Hospital Building, Columbia University Medical Center, Neurological Institute)
- July 2006 – Dec 2013: Associate Attending Neurologist
New York-Presbyterian Hospital, New York, NY
(Milstein Hospital Building, Columbia University Medical Center, Neurological Institute)
- Jan 2014: Attending Neurologist
New York-Presbyterian Hospital, New York, NY
(Columbia University Medical Center, Neurological Institute)

HONORS:

- Detur Award recipient, one of 44 Harvard Class of '87 freshmen with highest grades, 1984
- Phi Beta Kappa, one of twelve Harvard Class of '87 members elected as juniors, 1985
- Henry Fellowship, awarded by the Harvard Trustees for graduate study in England, 1987-88
- Chief Resident, Neurology, Massachusetts General Hospital July 1995-June 1996
- Kathleen Scott Research Fellow, American Heart Association, July 2003-June 2006
- Associate Editor, Neurology, May 2006
- Editorial Board, Stroke, July 2007
- Fellow, American Academy of Neurology, 2004
- AHA Expert Panel on Subclinical Atherosclerotic Disease and Emerging Risk Factors, July 2008
- American Academy of Neurology Award for Creative Expression of Human Values in Neurology, 2010
- Fellow, American Heart Association (Stroke Council), 2012
- Virginia Apgar Academy of Medical Educators, Elected 2012
- Mintz Lecturer, Mount Sinai School of Medicine, 2013
- New York Super Doctors, 2013
- New York Magazine's Annual 'Best Doctors', 2013
- C. Miller Fisher, MD Neuroscience Visionary Award, American Stroke Association Northeast Cerebrovascular Consortium, 2014
- Columbia University Provost Leadership Fellow, 2015
- Chair, American Stroke Association Advisory Committee, 2016 – 2020
- J. Donald Easton lecturer, Brown University, 2017
- Michael K. Copass & S. Mark Sumi Vascular Neurology Visiting Professor, University of Washington, 2017
- Ellermann Lecture, Swiss Neurological Society, Interlaken, Switzerland, 2017
- American Heart Association Stroke Council Award, Chicago, 2018
- AHA/ASA Stroke Hero Award, 2019, New York City CycleNation event

President-Elect, American Heart Association, 2019-2020

GRANT SUPPORT:

Past

- Sept 1987 - August 1988: National Science Foundation Graduate Fellowship
Tuition and living expenses during Master's Degree program in History and Philosophy of Science, Cambridge University, Cambridge, England
- July 1996 – June 1998: National Institutes of Health Neuroepidemiology Training Grant, 5-T32-NS07153, Advisors: WA Hauser and RL Sacco.
- Mar 1997 – Mar 1998: PI, National Headache Foundation Research Award (10% effort)
Role: Principal Investigator
Headache and Ischemic Stroke in a Racially Mixed Population: A Substudy of the Northern Manhattan Stroke Study
\$10,000
- Jan 1998 -- Jan 2002: R01 29993, NIH/NINDS (10% effort) (PI, Ralph L. Sacco)
Stroke Incidence and Risk Factors in a Tri-Ethnic Region
Role: Co-investigator
- July 1998 – June 1999: Columbia University Office of Clinical Trials Pilot Research Grant (20% effort)
Chronic Infection with Chlamydia Pneumoniae, Inflammation, and Acute Ischemic Stroke in the Elderly
Role: Principal Investigator
\$50,000
- Jan 1999 – Mar 2000: American Heart Association Scientist Development Grant, (60% effort)
Chronic Chlamydia Pneumoniae Infection, Inflammation, and Risk of Ischemic Stroke
Role: Principal Investigator
- Mar 1999 -- Mar 2003: CDC Cooperative Agreement U50/CCU216543 (50% effort)
Chronic Chlamydia Pneumoniae Infection and Stroke Risk
Role: Principal Investigator
- May 2000 -- Jan 2002: R01 DE 13094, NIH/NIDCR (16% effort) (PI, Moise Desvarieux)
Oral Infections, Carotid Atherosclerosis and Stroke
Role: Co-investigator
- Jul 1 2003 – June 30 2006: PI, AHA Grant-in-Aid 0355596T (10% effort)
Kathleen Scott Research Fellowship
Inflammation, Leukocyte Activation, and Stroke Risk
Role: Principal Investigator
- July 1 2005 – June 31 2007 NIH/NHLBI R01 HL80665 (KW Davidson, PI) (2% effort)
CAD Incidence: Depression & Inflammation Risk
Role: Co-investigator

- Jan 15 2002 – Dec 31 2007: NIH/NINDS K23 NS42912 (80% effort)
Inflammation and Infection as Risk Factors in Stroke
 Role: Principal Investigator
 \$675,000
 This prospective study will use a combination of nested case-control and follow-up cohort study designs to assess the role of infectious and inflammatory markers as risk factors for stroke and prognosis after stroke. Because this is a training grant, the percentage effort indicated under other projects may be included in this total percent effort.
- Apr 1 2007 – Mar 31 2008 NIH/NINDS R01 29993 NS (Sacco, PI) (20% effort)
Stroke Incidence and Risk Factors in a Tri-Ethnic Region
 Role: PI Subcontract
 The major goals of this project are to determine risk factors for ischemic stroke in a multi-ethnic population using the prospective cohort study design.
- Apr 1 2007 – Mar 31, 2009 NIH/NINDS T32-NS07153 (Hauser, PI) as needed
Neuroepidemiology Training Grant
 Role: Mentor and co-Director
 The main goal of this grant is to train post-doctoral trainees in the methods of neuroepidemiology and mentor future researchers in the field.
- Sept 30 2004 – May 30 2009: NIH/NINDS P50 NS049060 (PI: RL Sacco/R Marshall) (35% effort)
Neu START: Neuroprotection with Statin Therapy for Acute Recovery
New York Columbia Collaborative SPOTRIAS
 Role: Principal Investigator, Project 1
 \$925,000
 This drug development program of a Phase 1B dose-escalation and dose-finding and Phase 2A safety study will explore the role of high-dose, short-term lovastatin therapy in acute stroke treatment.
- Sep 1 2009 – Sep 30, 2011: NIH/NINDS ARRA 2 P50NS049060-05S1 (PI: R Marshall)
Neu START: Neuroprotection with Statin Therapy for Acute Recovery
New York Columbia Collaborative SPOTRIAS
 Role: Principal Investigator, Project 1
 This Phase 2A randomized safety and pilot efficacy trial will explore the role of high-dose, short-term lovastatin therapy in acute stroke treatment.
- July 1 2006 – June 30 2010: NIH/NINDS 2 R01 NS55809 (Cheung, PI) 0.6 calendar
Dose and Treatment Selection in Clinical Trials
 Role: Co-Investigator
 The major goals of this project are to provide sound decision making strategies and to enhance statistical efficiencies for dose-finding in phase I trials and treatment selection in phase II trials.
- May 1 2008 – Apr 30 2011 NIH/NINDS 1U01NS058728 (Chimowitz, PI) 0.60 calendar
Stenting vs. Aggressive Medical Management for Preventing Recurrent Events in Intracranial Stenosis (SAMMPRIS)
 Role: Co-I, Site PI

This is a randomized clinical trial comparing stenting and intensive medical therapy vs. intensive medical therapy alone in patients with symptomatic intracranial arterial stenosis

- Mar 1 2004 – Feb 28 2011: NIH/NINDS R01 NS48134 (20% effort)
Inflammatory and Infectious Burden and Risk of Stroke
 Role: Principal Investigator
 This prospective cohort study will examine serum inflammatory and infectious markers, including high-sensitivity C-reactive protein, interleukin 6, tumor necrosis factor receptor 1, and common infectious disease serologies, as risk factors for clinical stroke and other vascular events, and subclinical vascular brain disease as measured by quantitative MRI.
- May 25 2005 – April 30 2011: NIH/NINDS R01 NS050724 (10% effort)
Levels of Inflammatory Markers in the Treatment of Stroke (LIMITS)
 Role: Principal Investigator
 This ancillary study to the multicenter, NINDS-funded Secondary Prevention of Small Subcortical Strokes (SPS3, PI O. Benavente) is a prospective study of inflammatory markers as risk factors for stroke recurrence and other vascular events in stroke survivors. The markers examined will include high sensitivity CRP, SAA, IL6, TNF and TNF receptors (co-funded by BMS-Sanofi).
- Jan 1 2012- Dec 31, 2012: American Academy of Neurology Education Research Grant (PI: Elkind)
Use of a mentored peer review program to enhance neurology resident education on the basic concepts of biostatistics, research methodology, and peer review
 Role: PI
 The goal of this project is to test whether mentored peer review improves peer review quality and knowledge of evidence-based medicine compared to unmentored peer review.
- Jul 1 2008 – Jun 30 2013 NIH/NINDS 1R01 NS059745 (Amin-Hanjani, PI)
Vertebrobasilar Flow Evaluation and Risk of Transient Ischemic Attack & Stroke: VERITAS
 This is an observational study designed to test the hypothesis that quantitative MRA-based flow measurements from the posterior circulation predict risk of recurrent stroke among patients with symptomatic vertebrobasilar territory ischemia.
 Role: Site PI
- Jul 1 2011 – Jun 30 2013: NIH/NINDS 1R21NS075608-01 (PI: Wang)
Modifiable risk factors in stroke incidence and mortality among women
 Role: PI, Subcontract at Columbia University and Study Neurologist
 This observational, epidemiological study will explore hormone therapy, physical activity, and other risk factors for stroke and mortality among women in the California Teachers Study.
- Apr 1 2008 – Mar 31 2013: NIH/NINDS 4 R37 NS29993 (Elkind/Sacco, co-PIs)
Stroke Incidence and Risk Factors in a Tri-Ethnic Region
 Role: Principal Investigator

The major goals of this project are to determine risk factors for ischemic stroke and cognitive decline in a multi-ethnic population using the prospective cohort study design.

- Mar 6 2009 – Feb 28 2013: NIH/NINDS R01 NS062153 (Kent, PI)
Risk of Paradoxical Embolism (RoPE) Study
 Role: Co-I
 The goal of this project is to perform an individual patient meta-analysis of cohorts of patients with data on stroke and patent foramen ovale to determine whether PFO increases risk of stroke recurrence, and whether there are subcategories of patients in whom risk is increased.
- Aug 19 2011- Jun 30 2014: NIH/NHLBI 1R01 HL107475 (PI: Moran)
Comparative effectiveness analysis of treat-to-target and risk-based blood pressure control
 Role: Co-I
 The goal of this project is to determine the effects of different blood pressure management strategies on reduction in risk of cardiovascular disease and stroke in the US population.
- Aug 5 2009 – Jul 31 2014: NIH/NINDS R01 NS062820 (Fullerton/DeVeber, Co-PI)
Vasculopathy and Infection in Pediatric Stroke
 Role: PI, Subcontract; Co-Investigator and Co-Director, Core Laboratory Facility
 The goals of this project are to determine whether history of infection and serological evidence of common viral infections are associated with childhood stroke associated with vasculopathy.
- July 1 2014 – June 30 2015: NIH/NIEHS Center for Environmental Health in Northern Manhattan Pilot Project
Traffic pollution and cerebrovascular disease in the Northern Manhattan Study
 Role: PI
 The goals of this project are to develop, optimize, and compare measures of long-term exposure to traffic pollution, using estimates derived from sophisticated geostatistical models, and to explore the association between long-term exposure to traffic pollution and the presence of subclinical manifestations of cerebrovascular disease.
- Mar 16, 2012 – Feb 28, 2016: NIH/NHLBI 1R01 HL108623 (PI: Wright)
FGF-23 and the Risk of Stroke and Cognitive Decline
 Role: Co-I
 The goal of this project is to determine whether markers of mineral metabolism, serum fibroblast growth factor-23 (FGF23) and serum phosphate, are associated with risk of stroke and cognitive decline in a multi-ethnic population.
- Aug 15 2010 – Jul 31 2016: NIH/NINDS 2 P50 NS049060 (PI: R Marshall) 1.2 months
Neu START: Neuroprotection with Statin Therapy for Acute Recovery New York Columbia Collaborative SPOTRIAS
 Role: Principal Investigator, Project 1
 This Phase 2A randomized safety and pilot efficacy trial will explore the role of high-dose, short-term lovastatin therapy in acute stroke treatment.

- Aug 1 2010 – Jul 31 2016: NIH/NINDS 1U01 NS069763 (Woo, PI) as needed
Ethnic/Racial Variation of Intracerebral Hemorrhage (ERICH)
 Role: PI, Subcontract at Columbia University and Co-Investigator
 The purpose of this award is to conduct a multicenter, multi-ethnic, case control study of risk factors for intracerebral hemorrhage, preparatory to performance of a genome-wide association study.
- Aug 1 2011 – Jul 31 2016: NIH/NINDS K23 NS073104 (PI: Willey) as needed
Neuro-vascular Disease as a Cause of Impaired Mobility
 Role: Mentor
 The goal of this project is to determine the association of cardiovascular risk factors with impaired gait, frailty, and functional decline in the Northern Manhattan Study.
- Aug 17 2012 - Apr 30 2016: NIH/NHLBI 1R01 HL111195 (Co-PI Cheung/Elkind)
Physical activity patterns via new dimension-informative cluster models
 Role: Co-PI
 The goals of this proposal are to develop new cluster analysis methods to accommodate special features of physical activity data, apply the proposed cluster analysis to leisure time physical activity data from the Northern Manhattan Study (NOMAS) and other cohorts, and validate the utility of the identified patterns via proposed methods as predictors of cardiovascular outcomes.
- Active**
- Aug 1, 2017 – Jul 31 2022 NIH/NINDS 1R01NS102715 (PI: Deborah Levine)
The Effect of Lower Blood Pressure over the Life Course on Late-life Cognition in Blacks, Hispanics, and Whites (BP-COG)
 Role: Co-I
 The goal is to assess the effect of blood pressure and other mid-life risk factors on late life cognitive decline, using a combination of cohort studies.
- May 1, 2017-Apr 30 2022 NIH/NINDS U01 NS095869 (PI: Elkind/Kamel/Longstreth/Tirschwell (MPI))
Atrial Cardiopathy and Antithrombotic Drugs In prevention After cryptogenic stroke (ARCADIA)
 Role: Contact PI
 The goal of this Phase 3 multicenter, randomized trial to be run through the StrokeNet mechanism is to test the hypothesis that apixaban will be superior to aspirin for secondary stroke prevention among patients with unexplained stroke and biomarkers indicative of atrial cardiopathy.
- July 1, 2016 – May 31, 2021 NCATS/NIH UL1 TR001873 (PI: Reilly)
Clinical and Translational Science Award
 Role: Medical Director, Trial Innovation Network Hub Liaison Team
 The goal of the Irving Institute CTSA is to transform the culture of biomedical research enabling CUMC investigators to develop new treatments faster and deliver those treatments to patients more efficiently, effectively, and safely than before.
- Mar 15 2010 – Jun 30 2020: NIH/NINDS 2R25 NS070697 (PI: Elkind) as needed
Neurology Research Education and Mentorship Program

The purpose of this award is to provide a mentored research training experience for neurology residents with the explicit goal of fostering their ability to successfully compete for more advanced mentored career development (K) awards.

- Apr 1 2009 – Mar 31 2019: NIH/NINDS T32-NS07153 (PI: Elkind) as needed
Neuroepidemiology Training Grant
 Role: Mentor and co-Director
 The main goal of this grant is to train post-doctoral trainees in the methods of neuroepidemiology and mentor future researchers in the field.
- Apr 1 2013 – Mar 30 2018: NIH/NINDS K23 NS 079422 (PI: Dhmoon) as needed
The trajectory of functional status and quality of life before and after stroke
 Role: Mentor
 The goal of this project is to determine the course and predictors of functional status, quality of life, and patient centered outcomes more generally both in stroke-free and stroke populations.
- Sept 1 2013 – Aug 31 2018: NIH/NINDS K23 NS 082367 (PI: Kamel) as needed
Atrial Fibrillation Precursors May Be Novel Stroke Risk Factors
 Role: Mentor
 The goal of this study is to test the hypothesis that supraventricular arrhythmias other than atrial fibrillation/flutter are associated with ischemic stroke.
- Jan 1 2015 – Mar 31 2019: NIH/NINDS T32-NS07153 (Elkind, PI) as needed
Neuroepidemiology Training Grant
 Role: Mentor and Director
 The main goal of this grant is to train post-doctoral trainees in the methods of neuroepidemiology and mentor future researchers in the field.
- Apr 1 2014 – Mar 31 2019: NIH/NINDS R01 NS084288 (PI: Romano)
Mechanisms of Early Recurrence in Intracranial Atherosclerotic Disease (MyRIAD)
 Role: PI, Subcontract at Columbia University and Co-Investigator
 The goal of this project is to determine the predictors of recurrent stroke among patients with intracranial atherosclerotic disease.
- Apr 1 2015 – Mar 31 2020 NIH/NINDS K23 NS091395 (PI: Navi) as needed
Cancer and Risk of Ischemic Stroke
 Role: Mentor
 The goal of this study is to test the hypothesis that various types of cancer are associated with risk of stroke, and to explore mechanisms for this association.
- Sept 30 2015-- Jul 30 2020 NIH/NINDS 6R01 NS029993 (Multi PI: Elkind/Sacco) 2.4 months
Stroke Incidence and Risk Factors in a Tri-Ethnic Region
 Role: Co-PI
 This prospective cohort study (Northern Manhattan Study, NOMAS) investigates risk factors for stroke and cognitive decline in a multi-ethnic, urban population. The study received a percentile rank of top 1% in study section.

- Sept 1 2015—Aug 30 2017 New York State Empire Clinical Research Investigator Program [ECRIP] (Elkind)
*Triage and Outpatient Evaluation of Patients with TIA and Minor Stroke: the
 Rapid Access Vascular Evaluation-Neurology (RAVEN) Approach*
 Role: PI/Project Director
 The goal of this study is to promote the development of clinician researchers and to
 test novel approaches to management of TIA and minor stroke.
- Sept 1 2015—May 31 2019 NHGRI U01HG008680 (Multi PI: Gharavi/Hripcsak/Weng)
 Columbia GENIE (GENomic Integration with Ehr)
 Role: Co-I
 The goal of this study is to advance next generation phenotyping, perform genetic
 association studies of rare variants with diverse clinical phenotypes determined
 through electronic health records, and develop methods for returning genetic test
 results to patients.
- May 1 2018—Mar 31 2023 NIH/NHLBI R01 HL141494-01 (Shechter)
*Poor sleep, sedentary behavior, and secondary cardiovascular risk in stroke and
 TIA patients*
 Role: Co-I
 The goal of this ancillary R01 is to evaluate sleep and sedentary behavior after
 stroke or transient ischemic attack (TIA) as potential therapeutic targets to reduce
 risk of secondary cardiovascular disease (CVD).
- July 1 2018—Jun 30 2023 NIH/NHLBI R01 HL141811 (Chang)
*The impact of an alternative emergency department management strategy on PTSD
 and cardiovascular risk in survivors of TIA and minor stroke*
 The aim of this study is to study the impact of emergency department discharge to
 rapid outpatient neurology clinic on TIA/stroke-induced PTSD, cardiovascular
 disease outcomes and 30-day rehospitalization in a sample of TIA and minor stroke
 patients seen in the emergency department.

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

- July 2000 – June 2004: Neurology Residency Program Director
 Neurology Department, Columbia University, New York, NY
 (Timothy Pedley, MD, Chairman)
- July 2008 – Mar 2011: Associate Chairman for Clinical Research and Training,
 Neurology Department, Columbia University, New York, NY
 Responsible for Resident Research Mentorship program, advising residents and
 fellows on research careers, and resource guides for fellows and junior faculty.
- Apr 2011 - : Fellowships Director
 Neurology Department, Columbia University, New York, NY

GRANT REVIEW RESPONSIBILITIES:

- Dec 2003: The Langeloth Foundation, New York, NY
 Grants related to studies of prognosis and outcomes in stroke patients
- Sept 2004: The Stroke Association, England, UK

Ad-hoc reviewer
 “Improving the effectiveness of early prevention of stroke after TIA or minor stroke”

- Dec 2005 – June 2007: Ad hoc Member, Clinical and Integrative Cardiovascular Science (CICS) study section
 Center for Scientific Review, NIH
 Review of applications directed toward studies of the inflammatory role in atherosclerosis, myocardial infarction, and coronary artery disease.
 Inflammatory biomarkers in peripheral blood are considered as well as platelet aggregation inhibition and amyloid protein(s).
- Jan 2006: Ad-hoc reviewer, Ireland Health Research Board
- Feb 2007: Member, Bugher Award Review Committee,
 American Heart Association (Costantino Iadecola, Chair)
- Feb 2008: Ad hoc Member, NHLBI Program Project Grant Study Section
 (Rina Das, PhD, Scientific Review Administrator)
- July 2008 – June 2012: Standing Member, Clinical and Integrative Cardiovascular Science (CICS) study section
 Center for Scientific Review, NIH
 Review of applications directed toward studies of the inflammatory role in atherosclerosis, myocardial infarction, and coronary artery disease.
 Inflammatory biomarkers in peripheral blood are considered as well as platelet aggregation inhibition and amyloid protein(s).
- December 2008: Member, NIH/NINDS R25 Review Committee
 (Raul Saavedra, PhD, Scientific Review Administrator)
- April 2009: IRIS Stroke Trial Special Emphasis Panel (ZNS1 SRB-R (37)), NIH/NINDS
 (Richard Crosland, PhD, Scientific Review Administrator)
- April 2009: Neuro-psychiatry Panel, CUMC Irving Institute/CTO Pilot awards program
 (Henry Ginsberg, Director CUMC CTSA)
- July 2012: Internal Advisory Committee, Center for Injury Epidemiology and Prevention at Columbia University, National Center for Injury Prevention and Control, Centers for Disease Control and Prevention (R49 CE002096, Guohua Li, PI)
- July 2015: NINDS ZNS1 SRB-L(02) Special Emphasis Panel (Elizabeth Webber, Scientific Review Administrator)
- April 2017: Ad hoc reviewer, Innovational Research Incentive Scheme, Netherlands Organisation for Health Research and Development (ZonMw)
- June 2018: Member, NIH/NINDS R25 Review Committee
 (Mir Ahamed Hossain, PhD, Scientific Review Administrator)
- April 2019: Member, NIH/NINDS Loan Repayment Program Review Committee

(Mir Ahamed Hossain, PhD, Scientific Review Administrator)

DEPARTMENTAL, UNIVERSITY, AND HOSPITAL COMMITTEES:

July 1999 – June 2001:	Neurology Department Faculty Practice Committee
July 2000 – June 2004:	Graduate Medical Education Committee
July 2000 – June 2004:	Neurology Department Executive Committee
June 2002 – June 2004:	Neurology Department Information Technology Committee
March 2005 -- present:	Columbia University Health Sciences Commencement Awards Committee
July –Sept 2007:	Hope Sheridan Professorship Search Committee
December 2007:	Research Pharmacy Review Committee (Chair, E. Gellman, MD)
July 2007 – Jun 2011:	Center of Excellence in Prevention and Family Heart Health Leadership Committee (Chair: Laurie Mosca, MD, PhD)
Dec 2008 – Jan 2009:	NYPH Northern Manhattan Initiative Task Force (Chair: R. Lantigua, MD)
Jan 2011 – Dec 2013:	Clinical Research Resource Scientific Advisory Committee (Clin AC; Chair: Karen Marder, MD)
July 2011-May 2013:	Chair, Child Neurology Division Chief Search Committee
Oct 2011-- :	CUMC Committee on Appointments and Promotions (Chair: Angela Christiano, PhD)
Jul 2013 – June 2017:	Executive Committee, Society of Practitioners (Chair: Richard Rosenberg, MD)
Jul 2015 –	Chair, Neurology Department Committee on Appointments and Promotions
Jan 2016 – June 2016:	Faculty Development Committee, CUMC (Chair: Deborah Cabaniss, MD)
Jan 2016—June 2016:	Chair, Neurology Department Recruitment and Retention Committee
Jan 2016—:	Neurology Department Recruitment and Retention Committee
Jul 2016 – Jun 2018:	Chair, CUMC Committee on Appointments and Promotions
Jul 2017--Dec 2017:	Child Neurology Division Chief Search Committee (Chair: Olajide Williams)
Jul 2017—Jul 2019:	Treasurer, Society of Practitioners

TEACHING AND TRAINING

PRE-DOCTORAL:

COLUMBIA UNIVERSITY SCHOOL OF PUBLIC HEALTH

Department of Biostatistics, Columbia University School of Public Health:

Mei-Yin Chen, Biostatistics doctoral candidate

Member of Master's dissertation committee (Meeting: March 23, 2005)

Member of Doctoral dissertation committee (Meeting: December 5, 2005)

Topic of research: Two-stage stepwise testing procedures in dose-finding trials with a biologic endpoint

Hui Zhang, Biostatistics doctoral candidate

Member of Master's dissertation committee (Meeting: September 1, 2005)

Member of Doctoral dissertation committee (Meeting: June 28, 2007)

Topic of research: Regression analysis with missing data

Qiang Xu, Biostatistics doctoral candidate

Member of Doctoral dissertation committee (Meeting: March 11, 2008)

Topic of research: Existing approaches and a new weighted method for Cox regression in the presence of missing covariates

Rui Liu, Biostatistics doctoral candidate

Member of Master's dissertation committee (Meeting: May 7, 2008)

Member of Doctoral dissertation committee (Meeting: October 28, 2010)

Topic of research: Multiple testing procedures to identify the therapeutic window in Phase I/II clinical trials

Huaihou Chen, doctoral candidate

Member of Master's dissertation committee (Meeting: August 12, 2009)

Member of Doctoral dissertation committee (Meeting: December 13, 2011)

Topic of research: Flexible models and methods for longitudinal data and multilevel functional data

Chih-Chi Hu, doctoral candidate

Member of Master's dissertation committee (Meeting: September 6, 2011)

Topic of research: On the Efficiency and Robustness of Quantile Estimation Using Continuous Outcomes

Department of Epidemiology, Columbia University School of Public Health:

Mandip S. Dhamoon, MPH student, Neurology Resident July 2006-June 2009, stroke fellow July 2009-June 2011, and doctoral student in epidemiology July 2009 -):

Master's degree project: analyses of cardiac risks after stroke, culminating in 3 published manuscripts and 2 abstracts presented as platform presentations at American Neurological Association annual meeting (Toronto, Canada 10/3/2004; winner of medical student essay award) and American Academy of Neurology annual meeting (Miami, FL 4/8/2005). Dr. Dhamoon has continued to work with Dr. Elkind in NOMAS and has developed an interest in functional outcomes and quality of life after stroke as well, which form the basis for his doctoral thesis.

Selected manuscripts:

1. Dhamoon MS, Sciacca RR, Rundek T, Sacco RL, Elkind MSV. Recurrent stroke and cardiac risks after first ischemic stroke: The Northern Manhattan Study. *Neurology* 2006;66:641-646.
2. Dhamoon MS, Sciacca RR, Boden-Albala B, Rundek T, Sacco RL, Elkind MSV. Risk of Myocardial Infarction or Vascular Death after First Ischemic Stroke: The Northern Manhattan Stroke Study. *Stroke* 2007;38:1752-1758.
3. Rincon F, Dhamoon M, Moon Y, Paik MC, Boden-Albala B, Homma S, Di Tullio MR, Sacco RL, Elkind MSV. Stroke location and association with fatal cardiac outcomes: The Northern Manhattan Study (NOMAS). *Stroke* 2008;39:2425-2431.
4. Dhamoon MS, Moon YP, Paik MC, Boden-Albala B, Rundek T, Sacco RL, Elkind MSV. Long-term functional recovery after first ischemic stroke: The Northern Manhattan Study. *Stroke* 2009;40(8):2805-11. [NIHMSID # 176083]
5. Dhamoon MS, Moon YP, Paik MC, Boden-Albala B, Rundek T, Sacco RL, Elkind MSV. Quality of life declines after first ischemic stroke independently of recurrent vascular events: The Northern Manhattan Study. *Neurology* 2010;75:328-334.

Jorge Luna, Epidemiology PhD candidate

Research project Jun 2008 – Present: Inflammatory and infectious biomarkers and risk of stroke and atherosclerosis; Mr. Luna is developing his PhD dissertation thesis topic on infectious burden and vascular disease under my guidance. Selected publications:

1. Elkind MSV, Luna JM, Moon YP, Liu KM, Spitalnik S, Paik MC, Sacco RL. High-Sensitivity C-Reactive Protein Predicts Mortality but Not Stroke in a Multi-ethnic Cohort: The Northern Manhattan Study. *Neurology* 2009;73:1300-1307.
2. Elkind MSV, Luna JM, Moon YP, Boden-Albala B, Liu KM, Spitalnik S, Rundek T, Sacco RL, Paik MC. Infectious Burden and Carotid Plaque Thickness: The Northern Manhattan Study. *Stroke* 2010;41:e117-e122. [NIHMSID# 176099]
3. Luna JM, Elkind MSV. "Infectious Burden" – New Insights into Stroke Prevention. *European Neurological Review* 2010;5:34–8.

Julio Vieira, MD, Epidemiology MS 2010

Research project Jul 2009-June 2010: "The Metabolic Syndrome and Cognitive Performance: The Northern Manhattan Study"

Manuscript: Vieira JR, Elkind MSV, Moon YP, Rundek T, Boden-Albala B, Paik MC, Sacco RL, Wright CB. Metabolic Syndrome and Cognitive Performance: The Northern Manhattan Study. *Neuroepidemiology* 2011;37:153-159.

Chirantan Banerjee, MD, Epidemiology MS 2010

Research project Jul 2009-June 2010: "Time-dependent assessment of diabetes and risk of stroke"

Manuscript: Banerjee C, Moon YP, McLaughlin CM, Paik MC, Rundek T, Sacco RL, Vieira JR, Elkind MSV. Duration of Diabetes and Risk of Ischemic Stroke: The Northern Manhattan Study. *Stroke* 2012.

Hajere Gatollari, Epidemiology MPH 2014

Research project Jul 2013-June 2014: "Hospital Characteristics as Predictors of In-Hospital Mortality for Hemorrhagic Stroke Patients in New York State"

COLLEGE OF PHYSICIANS AND SURGEONS, COLUMBIA UNIVERSITY

Stuart Weisberg, Columbia College of Physicians and Surgeons

Jan-June 2003: Preceptor in Clinical Competence course for MD PhD student. Student participation in weekly clinics.

Siobhan Harrington, Columbia College of Physicians and Surgeons

Summer project 2003: culminated in abstract presented as poster at American Stroke Association annual meeting, San Diego, February 2004: Harrington S, Sciacca R, Sacco RL, Elkind MS. Greater frequency of morning stroke onset for infarcts versus hemorrhages: the Northern Manhattan Stroke Study. *Stroke* 2004;35:301.

Hiba Arif, Aga Khan University, Pakistan

Visiting student research project 3-6/04: case report.

Publication: Arif H, Mohr JP, Elkind MSV. Stimulus-induced pathological laughter due to basilar artery dissection. *Neurology* 2005;64:2154-2155.

Brian Reilly, Columbia College of Physicians and Surgeons

Student research project: case report.

Publication: Reilly B, Nasrallah J, Friedman A, Elkind MSV. Bihemispheric stroke during pulmonary angiography in a woman with patent foramen ovale. *JVIR* 2003 14:1211-3.

POST-DOCTORAL

Rishi Gupta, MD, Neurology Resident

Research mentorship 7/2002-6/2003: meta-analysis of literature on hemicraniectomy for acute stroke.

Selected publications:

1. Gupta R, Mayer SM, Connolly ES, Elkind MSV. Hemicraniectomy for Massive Middle Cerebral Artery Territory Infarction: A Systematic Review. *Stroke* 2004;35:539-43.
2. Gupta R, Elkind MSV. Hemicraniectomy. In: UpToDate, Rose BD (Ed), UpToDate, Wellesley, MA, 2005.

Unsung Oh, MD, Neurology Resident

Research mentorship 7/2002-6/2003: case series and review of literature on cerebral amyloid angiopathy and leukoencephalopathy.

Publication: Oh U, Gupta R, Krakauer JW, Khandji AG, Chin SS, Elkind MSV. Reversible leukoencephalopathy associated with cerebral amyloid angiopathy. *Neurology* 2004;62:494-7.

Alex Flint, MD, PhD, Neurology Resident

Research mentorship 7/2003-6/2005: original analysis of data on use of statins and outcomes after stroke
Publication: Elkind MSV, Flint AC, Sciacca RR, Sacco RL. Use of lipid lowering agents prior to onset of ischemic stroke is associated with decreased mortality: The Northern Manhattan Stroke Study. *Neurology* 2005;65:253-258.

Mary-Alice Naley, MD, Neurology Resident

Research mentorship 7/2003-6/2005: review of literature on outpatient teaching in neurology
Publication: Naley MA, Elkind MSV. Outpatient Training in Neurology: History and Future Challenges. *Neurology* 2006;66:E1-6.

Shyam Prabhakaran, MD, Fellow in Cerebrovascular Disease and Neuroepidemiology

Research project: review of literature on cryptogenic stroke.

Selected publications:

1. Prabhakaran S, Elkind MSV. Cryptogenic stroke. In: UpToDate, Rose BD (Ed), UpToDate, Wellesley, MA, 2005.
2. Elkind MSV, Prabhakaran S, Pittman J, Koroshetz W, Jacoby M, Johnston KC. Sex as a predictor of 3-month outcomes in patients treated with intravenous recombinant tissue plasminogen activator for acute stroke. *Neurology* 2007;68:842-848.

Fred Rincon, MD, Fellow in Cerebrovascular Disease

Research project: analysis of stroke location and cardiovascular outcomes

Selected publications:

1. Rincon F, Dhamoon M, Moon Y, Boden-Albala B, Di Tullio MR, Sacco RL, Elkind MSV. Stroke location and prediction of fatal cardiac outcomes: The Northern Manhattan Study (NOMAS). *Cerebrovasc Dis* 2007;23(supp 2):49.
2. Rincon F, Dhamoon M, Moon Y, Paik MC, Boden-Albala B, Homma S, Di Tullio MR, Sacco RL, Elkind MSV. Stroke location and association with fatal cardiac outcomes: The Northern Manhattan Study (NOMAS). *Stroke* 2008;39:2425-2431.

Yasuyoshi Takei, MD, Research Fellow in Cardiology, Columbia University

Research project: Inflammatory biomarkers and left ventricular hypertrophy

Publication: Takei Y, Di Tullio MR, Homma S, Boden-Albala B, Rundek T, Sacco RL, Jin Z, Eguchi K, Elkind MSV. Tumor Necrosis Factor Receptor 1 Level Is Associated With Left Ventricular Hypertrophy. The Northern Manhattan Study. *Am J Hypertension* 2009;22(7):763-9. [PMCID: PMC2848526]

Pankaja Ramakrishnan, MD, PhD, Medical Intern, Columbia University Medical Center

Research project Jan 2008 – June 2008: Infectious serologies and stroke risk

Publication: Elkind MSV, Ramakrishnan P, Moon YP, Boden-Albala B, Liu KM, Spitalnik SL, Rundek T, Sacco RL, Paik MC. Infectious Burden and Risk of Stroke: The Northern Manhattan Study. *Arch Neurol* 2010;67:33-38.

Joshua Willey, MD, Epidemiology MS 2008, Columbia University School of Public Health and Fellow in Cerebrovascular Disease

Research projects July 2007--June 2009:

1. Lipid parameters and stroke risk in prospective cohort study
2. Physical activity and stroke risk in prospective cohort study

Selected publications:

1. Willey JZ, Xu Q, Boden-Albala B, Paik MC, Moon MY, Sacco RL, Elkind MSV. Lipid Profile Components and Risk of Ischemic Stroke: the Northern Manhattan Study (NOMAS). *Arch Neurol* 2009;66:1400-1406.

2. Willey JZ, Moon YP, Paik MC, Boden-Albala B, Sacco RL, Elkind MSV. Physical Activity and Risk of Ischemic Stroke in the Northern Manhattan Study (NOMAS). *Neurology* 2009;73:1774-1779.

Neeraj Badjatia, MD, Neurocritical Care Attending and K12 research mentee, Columbia University School of Public Health

Research project July 2007 – June 2009: The metabolic impact of induced normothermia after subarachnoid hemorrhage

Selected publications:

1. Badjatia N, Kowalski RG, Schmidt JM, Voorhees ME, Claassen J, Ostapkovich ND, Presciutti M, Connolly ES, Palestrant D, Parra A, Mayer SA. Predictors and clinical implications of shivering during therapeutic normothermia. *Neurocrit Care* 2007;6:186-91.
2. Badjatia N, Elkind MS. Nutritional support after ischemic stroke: more food for thought. *Arch Neurol* 2008;65:15-6.
3. Badjatia N, Strongilis E, Gordon E, Prescutti M, Fernandez L, Fernandez A, Buitrago M, Schmidt JM, Ostapkovich ND, Mayer SA. Metabolic impact of shivering during therapeutic temperature modulation: the Bedside Shivering Assessment Scale. *Stroke* 2008;39:3242-7.

Mira Katan, MD, Swiss National Science Foundation Research Fellowship/MS in Biostatistics/Patient-Oriented Research

Research projects June 2010-June 2012: biomarkers and stroke risk

Selected publications:

1. Katan M, Elkind MSV. Inflammatory and neuroendocrine biomarkers of prognosis after ischemic stroke. *Expert Rev Neurother* 2011;11(2):225-39.
2. Katan M, Moon YP, Paik MC, Gervasi-Franklin P, Sacco RL, Wright CB, Elkind MSV. Infectious burden and cognitive function: The Northern Manhattan Study. *Neurology* 2013.
3. Katan M, Moon YP, Gervasi-Franklin P, Paik MC, Wolfert RL, Sacco RL, Elkind MSV. Lipoprotein-associated phospholipase A2 predicts atherosclerotic stroke risk: The Northern Manhattan Study. *Stroke* 2012;43:A2552.

OTHER TEACHING EXPERIENCE AND RESPONSIBILITIES:

- September 1997 – Jan 2004: Instructor, Epidemiology Section, Clinical Practice Course, Columbia University Health Sciences Division (Steve Shea, Course Director)
- April 2000 – April 2002: Lecturer, Clinical Correlations, Neuroscience Course (P&S 1), Columbia University Health Sciences Division (Dan Goldberg, Course Director)
- January 1999 – May 2007: Lecturer, Neuroepidemiology Course
Topics: (1) Health Outcomes Research in Neurology; (2) Clinical Trials
Mailman School of Public Health, Columbia University (W. Allen Hauser, Course Director)
- April 2004: Course Director, Stroke Prevention Half-Day Course
American Academy of Neurology Annual Conference
April 28, 2004, San Francisco, CA
- April 2005: Course Director, Stroke Prevention Half-Day Course
American Academy of Neurology Annual Conference

April 10, 2005, Miami, FL

- April 2006: Course Director, Stroke Prevention Half-Day Course
American Academy of Neurology Annual Conference
April 7, 2006, San Diego, CA
- January 2009 – May 2009: Course Co-Director and Lecturer
Neuroepidemiology Course
Topics: (1) The Global Challenge of Neurological Disease and Screening for
Neurological Diseases; (2) Stroke and Cerebrovascular Disease Epidemiology;
(3) Health Outcomes Research in Neurology
Mailman School of Public Health, Columbia University
(Elan Louis, Course Director)
- January 2011 – May 2011: Course Co-Director and Lecturer, Neuroepidemiology Course
Topics: (1) The Global Challenge of Neurological Disease and Screening for
Neurological Diseases; (2) Stroke and Cerebrovascular Disease Epidemiology;
(3) Health Outcomes Research in Neurology
Mailman School of Public Health, Columbia University
(Elan Louis, Course Director)
- June 8, 2012: Course Co-Director: The Mind-Brain Intersection: Population Science over the
Lifecourse, Columbia University Epidemiology Scientific Symposium,
Mailman School of Public Health, Columbia University, New York, NY.
- January 2013 – May 2013: Course Co-Director and Lecturer, Neuroepidemiology Course
Topics: (1) The Global Challenge of Neurological Disease and Screening for
Neurological Diseases; (2) Health Outcomes Research in Neurology
Mailman School of Public Health, Columbia University
(Elan Louis, Course Director)
- January 2015 – May 2019: Course Director, Neuroepidemiology Course
Topics: (1) Introduction and History of Neurology; (2) The Global Challenge of
Neurological Disease and Screening for Neurological Diseases; (3) Stroke and
Cerebrovascular Disease Epidemiology
Mailman School of Public Health, Columbia University
- April 2015: Course Director: The Interface Between Infection and Cerebrovascular Disease.
American Academy of Neurology Annual Meeting,
April 20, 2015, Washington, DC

OTHER PROFESSIONAL ACTIVITIES:

Editorial:

Guest Editor: *Current Opinion in Neurology, Cerebrovascular Disease*, 33(1):1-46, February 2020.

Ad-hoc Reviewer: Stroke, Neuroepidemiology, Circulation, Journal of Stroke and Cerebrovascular Diseases, Annals of Internal Medicine, Neurology, Journal of Neurology, Neurosurgery, and Psychiatry, American Journal of Public Health,

Neuroepidemiology, Expert Review of Cardiovascular Therapy, Nature Clinical Practice Cardiovascular Medicine; Journal of the Neurological Sciences

- January 2000: Editorial Board, *Headache Quarterly*
- January 2005: Health content advisor, National Women's Health Resource Center
- January 2006: Contributor, Cerebrovascular Diseases Section, Faculty of 1000 Medicine (www.f1000medicine.com) (Section Editors, Louis Caplan, MD and Julian Bogousslavsky, MD)
- May 2006 – June 2015: Associate Editor, Resident and Fellow Section, *Neurology* (Editor-in-Chief, Robert Gross, MD)
- July 2007 – June 2012: Editorial Board, *Stroke* (Editor-in-Chief, Vladimir Hachinski, MD; Marc Fisher, MD)
- January 2017 – Present: Section Head, International Stroke Early Career and Training (InterSECT) Section, *Stroke* (Editor-in-Chief, Marc Fisher, MD)
- Other Review:**
Sept 2006- Sept 2013: International Stroke Conference Abstract Grading Subcommittee, Community/Risk Factors Category
- NIH Panels:**
November 2002: Stroke Disparities Advisory Panel Meeting. Bethesda Marriott, Bethesda, Maryland. (Chair: Philip B. Gorelick, MD, MPH.) Publication: Benavente O, [Elkind MSV](#), Tong D, Bruno A. Disparities in Acute Stroke Care (Panel 6B). In Proceedings of the Stroke Disparities Advisory Panel Meeting. http://www.ninds.nih.gov/news_and_events/proceedings/stroke_report_nov_2002.htm
- August 2005: Workshop: Advancing the Study of Stroke in Women Duke University, Durham, NC. August 22, 2005. (Chair: Cheryl Bushnell, MD.) Led workshop on "Usefulness of Risk Markers for Women Using Hormone Therapy."
- July 2006: Stroke Progress Review Group II. Participated in Panel on Prevention (Chairs: SC Johnston, B Ovbiagele, D Pandey)
- July 2009: NINDS Stroke Common Data Elements (CDE) Working Group Participated in Medical History and Prior Health Status, and Biospecimens/ Biomarkers subgroups
- November 2013: Co-Chair, Epidemiology of the Future Panel NINDS Interventions Designed to Eliminate & Solve Stroke Disparities (IDEAS) (Meeting Chairs: L Morgenstern, RL Sacco, B Vickrey)

Nov 2018: NINDS Stroke Common Data Elements (CDE) Version 2.0 Working Group
Chair, Medical History and Prior Health Status Workgroup

Board Memberships:

July 2009 – June 2016: Board Member, Founders Affiliate Board, American Heart Association
July 2011 – June 2017: Board Member, New York City Board, American Heart Association
July 2014 – June 2022: National Board of Directors, American Heart Association

American Heart Association Scientific Statement Writing Groups:

July 2007: Evaluation of Novel Markers of Cardiovascular Risk and
Subclinical Atherosclerosis (Chair: Mark Hlatky)
October 2008: Race-Ethnic Disparities in Stroke Care (Chair: Salvador Cruz-Flores)
January 2010: The Evidence for Inclusion of Stroke as an Outcome and Risk Equivalent in
Vascular Disease Risk Scores (Chairs: Dan Lackland/**Mitchell Elkind**)
May 2010: Definition of Stroke (Chairs: Ralph Sacco/Scott Kasner)
August 2012: Primary Prevention of Stroke (Chair: James Meschia)
December 2018: An Approach to Device Detected Subclinical Atrial Fibrillation (Chair: Dr.
Noseworthy)

American Heart Association Expert Panels:

July 2008: Expert Panel on Subclinical Atherosclerotic Disease and Emerging Risk Factors
July 2009 -- June 2011: Get With the Guidelines Science Sub Committee

American Heart Association Committees:

Jul 2010 – June 2011: American Stroke Association Advisory Committee
Jul 2014 – June 2016: American Stroke Association Advisory Committee
Jul 2014 – June 2016: Chair, Health Impact Subcommittee, ASA Advisory Committee
Feb 2015 – Dec 2016: American Stroke Association Cryptogenic Stroke Oversight Committee
Jul 2016 – June 2018: Chair, American Stroke Association Advisory Committee
Jul 2016 – June 2018: Stroke Statistics Committee
Jul 2016 – June 2018: Corporate Relations Review Committee
Jul 2016 – June 2018: Science Advisory and Coordinating Committee
Jul 2016—June 2018: Stroke Council Leadership Committee
Jul 2016—June 2018: Program Integration Coordinating Committee
Nov 2016—Oct 2017: Brain Health and Healthy Aging 2020 Positioning Volunteer Task Force

American Academy of Neurology Committees:

July 2007 – June 2009: Stroke and Vascular Neurology Section Executive Committee
July 2007 – June 2009: Education Workgroup Leader, Stroke and Vascular Neurology Section
Sept 2009 – Dec 2009: *Neurology Today* Editor-in-Chief Search Committee
July 2010 – June 2011: Cerebrovascular Disease Topic Chair, 2011 AAN Scientific Program
Oct 2013—Sept 2017: Education Research Subcommittee
Nov 2013-: Chair, Michael S. Pessin Stroke Leadership Prize Workgroup
Nov 2018-Aug 2019: *Neurology*® Editor-in-Chief Search Committee

Clinical Trials:

January 1993 - January 1994: Examining neurologist for Tirilizad in Acute Stroke Trial (PI, WJ Koroshetz,
Massachusetts General Hospital, Boston, MA).

July 1996 – June 1998 Examining neurologist for GAIN 2 Trial (PI, RL Sacco,
Columbia-Presbyterian Medical Center, New York, NY).

- July 1996 – June 1998 Examining neurologist for Warfarin-Aspirin Recurrent Stroke Trial (PI, JP Mohr, Columbia-Presbyterian Medical Center, New York, NY).
- July 1996 – June 1998: Project fellow for Northern Manhattan Stroke Study (PI, RL Sacco, Columbia University, New York, NY).
- April 1998 – July 2000: Regional Clinical Coordinator, Glycine Antagonist in Neuroprotection (GAIN AMERICAS) Trial (PI, RL Sacco, Columbia University, New York, NY).
- July 1998 – July 2000: PI, Glycine Antagonist in Neuroprotection (GAIN AMERICAS) Trial Columbia University, New York, NY.
- Oct 1998 – Dec 2002: PI, Hemicraniectomy and Durotomy for Deterioration after Massive Hemispheric Infarction (HeADDFIRST Trial), Columbia University, New York, NY.
- March 1999 -- July 2000: PI, Hu23F2G Acute Stroke Trial (HALT AST) Columbia University, New York, NY.
- April 1999 – Dec 2001: PI, Blockade of the Receptor to Avoid Vascular Occlusion (BRAVO) secondary stroke prevention trial, Columbia University, New York, NY.
- January 2001 – Dec 2002: PI, Novo-7 trial (acute hemorrhage trial) Columbia University, New York, NY.
- April 2001 – Jan 2003: PI, ARTIST PLUS (YM872 plus TPA acute stroke trial) Columbia University, New York, NY.
- April 2001 – Dec 2002: PI, BAY 3702 (Repinotan in acute stroke trial) Columbia University, New York, NY.
- February 2001 – Dec 2003: Co-PI, MATCH (Management of Atherothrombosis with Clopidogrel in High-Risk Patients with Recent Transient Ischemic Attack or Ischemic Stroke) Columbia University, New York, NY.
- Jan 2003 – 2013: PI, SPS3 (Secondary Prevention of Small Subcortical Strokes) Columbia University, New York, NY. (Sponsor NIH/NINDS/Univ Texas, PI: O. Benavente)
- June 2008 – 2013: PI, SAMMPRIS (NIH/NINDS-funded intracranial stenting trial) Columbia University, New York, NY (Sponsor: NIH/NINDS/Medical University of South Carolina, PI: M. Chimowitz)
- June 2008 – 2014: PI, VERITAS (Vertebrobasilar Flow Evaluation and Risk of Transient Ischemic Attack and Stroke, NIH-NINDS funded study of perfusion and stroke risk) (Sponsor: NIH/NINDS/Univ Illinois--Chicago, PI: S. Hanjani)
- November 2013 – 2015: National PI, ACTION, Protocol 101SK201, A Multicenter, Double-blind, Placebo-controlled, Randomized, Parallel-group Study to Evaluate the Safety and Efficacy

of IV Natalizumab (BG00002) on Reducing Infarct Volume in Acute Ischemic Stroke. (Phase 2 trial of natalizumab for acute stroke; Sponsor: Biogen IDEC).

June 2016 –: National PI, ACTION 2, Protocol 101SK202, A Multicenter, Double-Blind, Placebo-Controlled, Randomized, Parallel-Group, Dose-Ranging Study to Evaluate the Safety and Efficacy of Intravenous Natalizumab (BG00002) in Acute Ischemic Stroke. (Phase 2 trial of natalizumab for acute stroke; Sponsor: Biogen-Quintiles Partnership).

February 2017 - : Chair, Steering Committee, Detection in transient Ischemic Attack patients using continuous monitoring vs. Standard Evaluation for Atrial Fibrillation (DIAGNOSE-AF; Sponsor: Medtronic)

Other Research Experience:

October 1985 - March 1987: Research Assistant in Molecular Biology (PI, R Ruprecht, Dana-Farber Cancer Institute, Boston, MA).

October 1988 - August 1989: Research Assistant in Public Health, Dominican Republic Health Care Project (PI, M Krant, New England Deaconess Hospital, Boston, MA).

Data and Safety Monitoring Boards:

February 2005 – 2008: Brain Ischemia and PolyMVA
(PI: Candace Perkins, MD, SUNY-Stony Brook, NY)

March 2006 – 2014: The effects of tiopronin (Thiola) on 3-aminopropanal level and neurologic outcome after subarachnoid hemorrhage
(PI: E. Sander Connolly, MD, CUMC, New York, NY)

Clinical Event Adjudication Committees:

April 2005 – July 2008: PROFESS Trial
(PI: HC Diener, MD)

April 2006 – June 2013: Jarvik 2000 Heart Assist System Pivotal Study G000058
(PI: Robert Jarvik, MD, Jarvik Heart Inc, New York, NY)

Other Administrative:

May 2000: Course director. Brain Attacks: Management of Neurological Emergencies: A course for emergency medical technicians and paramedics (Columbia University, New York, NY)

September 2000: Course co-director. Advances and Innovations in Headache Management (Columbia University, New York, NY. Course director: Steven Scrivani, MD, DDS).

PUBLICATIONS:

* indicates articles for which Dr. Elkind is the first or senior author.

Original, Peer Reviewed Articles:

1. Sacco RL, **Elkind MS**, Boden-Albala B, Lin I-F, Kargman DE, Hauser WA, Shea S, Paik MC. The Protective Effect of Moderate Alcohol Consumption on Ischemic Stroke. **JAMA** 1999;281:53-60.
2. ***Elkind MS**, Lin I-F, Grayston TJ, Sacco RL. *Chlamydia pneumoniae* and the Risk of First Ischemic Stroke: The Northern Manhattan Stroke Study. **Stroke** 2000;31:1521-1525.
3. Ciabarra AM, **Elkind MS**, Roberts JK, Marshall RS. Subcortical infarction resulting in acquired stuttering. **J Neurol Neurosurg Psychiatry** 2000;69:546-549.
4. ***Elkind MS**, Cheng J, Boden-Albala B, Paik MC, Sacco RL. Elevated white blood cell count and carotid plaque thickness: The Northern Manhattan Stroke Study. **Stroke** 2001;32:842-849.
5. Sacco RL, Boden-Albala B, Abel G, Lin IF, **Elkind MS**, Hauser WA, Paik MC, Shea S. Race-ethnic disparities in the impact of stroke risk factors: The Northern Manhattan Stroke Study. **Stroke** 2001;32:1725-1731.
6. ***Elkind MS**, Cheng J, Boden-Albala B, Rundek T, Thomas J, Chen H, Rabbani LE, Sacco RL. Tumor necrosis factor receptor levels are associated with carotid atherosclerosis. **Stroke** 2002;33:31-38.
7. Tondella MLC, Talkington D, Holloway BP, Dowell SF, Cowley K, Gabarro MS, **Elkind MS**, Fields BS. Development and evaluation of real-time PCR-based fluorescent assays for detection of *Chlamydia pneumoniae*. **J Clin Microbiol** 2002;40:575-583.
8. Rundek T, **Elkind MS**, Pittman JG, Boden-Albala B, Humphries SE, Sacco RL. Increased carotid intima-media thickness is associated with allelic variants of stromelysin-1, interleukin-6 and hepatic lipase genes: The Northern Manhattan Prospective Cohort Study. **Stroke** 2002;33:1420-1423.
9. ***Elkind MS**, Sciacca R, Boden-Albala B, Homma S, Di Tullio MR. Leukocyte count is associated with aortic arch plaque thickness. **Stroke** 2002;2587-2592.
10. Benavente O, **Elkind MSV**, Tong D, Bruno A. Disparities in Acute Stroke Care (Panel 6B). In Proceedings of the Stroke Disparities Advisory Panel Meeting. November 7-8, 2002 Bethesda Marriott, Bethesda, Maryland. (Chair: Philip B. Gorelick, MD, MPH.) At http://www.ninds.nih.gov/news_and_events/proceedings/stroke_report_nov_2002.htm
11. Suk SH, Sacco RL, Boden-Albala B, Cheng JF, Pittman JG, **Elkind MS**, Paik MC. Abdominal obesity and risk of ischemic stroke: The Northern Manhattan Stroke Study. **Stroke** 2003;34:1586-1592.
12. *Gupta R, Mayer SM, Connolly ES, **Elkind MSV**. Hemispheric territory for Massive Middle Cerebral Artery Territory Infarction: A Systematic Review. **Stroke** 2004;35:539-543.
13. *Oh U, Gupta R, Krakauer JW, Khandji AG, Chin SS, **Elkind MSV**. Reversible leukoencephalopathy associated with cerebral amyloid angiopathy. **Neurology** 2004;62:494-497.
14. ***Elkind MSV**, Cheng J, Rundek T, Boden-Albala B, Sacco RL. Leukocyte count predicts outcome after ischemic stroke: The Northern Manhattan Stroke Study. **J Stroke Cerebrovasc Dis** 2004;13:220-227.
15. ***Elkind MSV**, Dr. Strangelove, or How I Learned to Stop Worrying and Love the Core Competencies. **Neurology** 2005;64:E3-6.
16. Engebretson SP, Lamster IB, **Elkind MSV**, Rundek T, Serman NJ, Demmer RT, Sacco RL, Papapanou PN, Desvarieux M. Radiographic measures of periodontal disease and carotid atherosclerosis. **Stroke** 2005;36:561-566.

17. White H, Boden-Albala B, Wang C, **Elkind MSV**, Rundek T, Wright CB, Sacco RL. Ischemic Stroke Subtype Incidence among Whites, Blacks and Hispanics: The Northern Manhattan Study. **Circulation** 2005;111:327-331.
18. Boden-Albala B, Litwak E, **Elkind MSV**, Rundek T, Sacco RL. Social isolation and outcomes post stroke. **Neurology** 2005;64:1888-1892.
19. ***Elkind MSV**, Rundek T, Sciacca R, Ramos R, Chen H, Boden-Albala B, Rabbani L, Sacco RL. Interleukin-2 levels are associated with carotid artery intima-media thickness. **Atherosclerosis** 2005;180:281-287.
20. ***Elkind MSV**, Sciacca R, Boden-Albala B, Tondella MLC, Feikin DR, Fields BS, Sacco RL, Di Tullio MR, Homma S. Leukocyte Count Is Associated with Reduced Endothelial Reactivity. **Atherosclerosis** 2005;181:329-338.
21. ***Elkind MSV**, Sciacca R, Boden-Albala B, Rundek T, Paik MC, Sacco RL. Relative Elevation in Leukocyte Count Predicts First Cerebral Infarction. **Neurology** 2005;64:2121-2125.
22. ***Elkind MSV**, Flint AC, Sciacca RR, Sacco RL. Use of lipid lowering agents prior to onset of ischemic stroke is associated with decreased mortality: The Northern Manhattan Stroke Study. **Neurology** 2005;65:253-258.
23. ***Elkind MSV**. Implications of Stroke Prevention Trials: Treatment of Global Risk. **Neurology** 2005;65:17-21.
24. ***Elkind MSV**, Sciacca RR, Boden-Albala B, Rundek T, Paik MC, Sacco RL. Moderate Alcohol Consumption Reduces Risk of Ischemic Stroke: The Northern Manhattan Study. **Stroke** 2006;37:13-19.
25. *Naley MA, **Elkind MSV**. Outpatient Training in Neurology: History and Future Challenges. **Neurology** 2006;66:E1-6.
26. *Wright CB, Sacco RL, Rundek TR, Delman JB, Rabbani LE, **Elkind MSV**. Interleukin-6 is associated with cognitive function: the Northern Manhattan Study. **J Stroke Cerebrovasc Dis** 2006;15:34-38.
27. ***Elkind MSV**, Sciacca RR, Tondella MLC, Feikin DR, Fields BS, Homma S, Di Tullio MR. Seropositivity to *Chlamydia pneumoniae* is associated with risk of first ischemic stroke. **Stroke** 2006;37:790-5.
28. *Dhamoon MS, Sciacca RR, Rundek T, Sacco RL, **Elkind MSV**. Recurrent stroke and cardiac risks after first ischemic stroke: The Northern Manhattan Study. **Neurology** 2006;66:641-646.
29. Wright CB, **Elkind MSV**, Rundek T, Paik MC, Sacco RL. Alcohol intake, carotid plaque, and cognition: the Northern Manhattan Study. **Stroke** 2006;37:1160-1164.
30. Mocco J, Wilson DA, Komotar RJ, Sughrue ME, Coates K, Sciacca RR, Sacco RL, **Elkind MSV**, Connolly ES. Alterations in plasma complement levels following human ischemic stroke. **Neurosurgery** 2006;59:28-33.
31. Rundek T, Hundle R, Ratchford E, Miyake Y, Sciacca RR, Di Tullio MR, Boden-Albala B, **Elkind MSV**, Sacco RL, Homma S. Endothelial dysfunction is associated with carotid plaque: cross-sectional study from the population-based Northern Manhattan Study. **BMC Cardiovasc Disorders** 2006;6:35.
32. Bushnell CD, Hurn P, Colton C, Miller V, del Zoppo G, **Elkind MSV**, Stern B, Herrington D, Ford-Lynch G, Gorelick P, James A, Brown C, Choi E, Bray P, Newby LK, Simpkins J. Advancing the Study of Stroke in Women. Summary and Recommendations for Future Research from an NINDS-Sponsored Multidisciplinary Working Group. **Stroke** 2006; 37(9):2387-99.
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109. *Dhamoon MS, McClure LA, White CL, Benavente O, **Elkind MSV**. Quality of life after lacunar stroke: the Secondary Prevention of Small Subcortical Strokes (SPS3) Study. 137th Annual Meeting of the American Neurological Association, Boston, MA.
110. Russo C, Jin Z, Homma S, Wright CB, Rundek T, Yoshita M, DeCarli C, **Elkind MSV**, Sacco RL, Di Tullio MR. Association of Left Ventricular Global Longitudinal Strain with Silent Brain Infarcts in a Community-Based Cohort with Normal Ejection Fraction. ACC 2013.
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112. Dong C, Rundek T, Wright CB, Santiago M, **Elkind MSV**, Sacco RL. Race-Ethnic Disparities in Cardiovascular Health Behavior and Health Factor Changes: Results from the Northern Manhattan Study.
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121. *Strowd R, Wong V, Aragon-Garcia R, Moon Y, Ford B, Haut S, Kass J, London Z, Mays M, Milligan T, Price R, Reynolds P, Spencer D, **Elkind MSV**. Use of mentored peer review of standardized manuscripts as an educational tool for neurology residents. *Neurology* 2014;82(10):Suppl P1.335.
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123. Kidwell CS, Norato G, Osborne J, Rosand J, **Elkind MS**, James ML, Flaherty M, Worrall BB, Vashkevich A, Langefeld CD, Moomaw CJ, Woo D. Race/Ethnic Differences in Microbleed Characteristics and Association of Microbleeds with Poor Outcomes in the ERICH Study. International Stroke Conference, Nashville, 2015.

124. *Dhamoon MS, Longstreth WT, Bartz TM, **Elkind MSV**. The trajectory of disability before and after vascular events: the Cardiovascular Health Study. *Stroke* 2015;46:A142.
125. Dhamoon MS, Cheung K, Varela D, Sacco RL, **Elkind MSV**, Wright CB. Subclinical Ischemic Brain Injury is Independently Associated with Long-Term Functional Decline." American Neurological Association 2015 Annual Meeting.
126. Navi BB, Reiner AS, Kamel H, Iadecola C, **Elkind MSV**, Panageas KS, DeAngelis LM. OC-02 - Risk of arterial thromboembolism in patients with breast cancer. *Thromb Res.* 2016 Apr;140 Suppl 1:S169. doi: 10.1016/S0049-3848(16)30119-0.
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128. Chang BP, Mehendale R, Miller E, Kummer B, Willey J, **Elkind ME**. A Collaborative Neurology-Emergency Medicine Rapid Outpatient Clinic for the Management of TIA and Minor Stroke in the Emergency Department. *Translational Science* Washington DC April 20 2018.
129. Levine DA, Gross AL, Briceño EM, Okullo D, Hingtgen S, Galecki AT, Giordani, BJ, Sussman JB, Hayward RA, Burke JF, Kabeto MU, Manly MM, **Elkind MSV**, Kulick E, Gottesman RF, Yano Y, Gaskin DJ, Sidney S, Yaffe K, Roger VL, Allen NB, Rogers MAM. Design of the BP-COG Study of Blood Pressure Over the Life Course and Later-Life Cognition in Blacks, Hispanics, and Whites: A Pooled Cohort Analysis of ARIC, CARDIA, CHS, FOS, MESA, and NOMAS. *International Stroke Conference 2019*, Honolulu, HI. Thursday, February 7, 2019.

INVITED LECTURES (Selected; leadership roles in boldface)

1. "TIA and Stroke." *Neurology for the Primary Care Provider*. Essex House, New York, NY. April 10, 1999. (Course Director: Arnold Kriegstein.)
2. "Hemicraniectomy." *Brain Attack: Update on Medical and Surgical Management*. New York Hilton and Towers Hotel, New York, NY. June 5, 1999. (Ralph L. Sacco: Course Director.)
3. "Acute Stroke Therapy." *Medical Grand Rounds*, St. Peter's Hospital, New Brunswick, NJ. November 16, 1999.
4. "Stroke Prevention." *Medical Grand Rounds*, Griffin Hospital, Derby, CT. December 9, 1999.
5. "Treatment and Prevention of Stroke in the New Millenium." *Neurology Grand Rounds*, New York Medical College, Valhalla, NY. December 15, 1999.
6. "Stroke Prevention." *Brooklyn Academy of Medicine, Fort Hamilton Community Club*, Brooklyn NY. December 12, 1999. (Course Director: Sam Unterricht.)
7. "Gender Issues in Stroke Management." *Are Women Really Different? The Role of Gender in Selected Cardiovascular Diseases*. Seminar at Lenox Hill Hospital, February 29, 2000. (Nieca Goldberg: Course Director.)

8. "Stroke Risk Factors and Prevention." Medical Grand Rounds, The New York Hospital Medical Center of Queens, Queens, NY. March 7, 2000.
9. "Acute Treatment of Stroke." Stroke Prevention and Treatment Seminar, Helen Hayes Hospital, West Haverstraw, NY. March 15, 2000. (Laura Lennihan: Course Director.)
10. "Diagnostic Issues in Stroke and TIA." Brain Attack 2000: Update on Medical and Surgical Management. New York Marriott Marquis. June 3, 2000. (Ralph L. Sacco: Course Director.)
11. "Stroke Risk Factors and Prevention." Medical Grand Rounds, Mount Vernon Hospital, Mount Vernon NY. June 7, 2000.
12. "Stroke Risk Factors and Prevention." Cerebrovascular Ultrasound Course. Stanhope Hotel, New York, NY. August 5, 2000.
13. "Challenges to Strengthening Clinical Trials Management in the Academic Medical Center: Faculty Perspectives." Getting It Right: Clinical Trials for the Next Decade. Conference sponsored by the American Association of Medical Colleges, September 8-9, 2000, Washington, DC.
14. "Stroke Prevention." Medical Grand Rounds, Bronx VA Hospital, Bronx NY. October 5, 2000.
15. "Stroke Risk Factors and Prevention." Medical Grand Rounds, Bryn Mawr Hospital, Bryn Mawr, PA. October 12, 2000.
16. "Stroke Risk Factors and Prevention." Medical Grand Rounds, North Shore University Hospital, Glen Cove, NY. December 5, 2000.
17. "Management of Stroke." Medical Grand Rounds, Mercy Hospital Center, Buffalo, NY. December 7, 2000.
18. "Stroke Path" Program. Holy Family Hospital, Methuen, MA. February 6, 2001.
19. "Stroke Risk Factors and Prevention." Medical Grand Rounds, Soundshore Hospital, New Rochelle, NY, March 9, 2001.
20. "Epidemiology and Stroke in New York City." In AHA Conference: Stroke and Stroke Prevention in High Risk Communities (Jesse Weinberger, Chrmn), North General Hospital, New York, NY, March 27, 2001.
21. "Do Chronic Infections Cause Stroke?" Neuroscience Grand Rounds. New York Hospital, Cornell University. April 11, 2001.
22. "Acute Stroke Therapy 2001." Medical Grand Rounds, Mount Vernon Hospital, Mount Vernon NY. April 18, 2001.
23. "TIA and Stroke." In Neurology for the Primary Care Provider, Columbia University CME Course. New York Marriott Marquis, New York, NY. April 21, 2001. (Course Director: Arnold Kriegstein.)

24. "The Role Of Infection In Stroke And Atherosclerosis: Specific Organisms, Pathogenic Mechanisms, And Clinical Implications" In Atherosclerosis: Not Just a Cholesterol Disease, American Academy of Neurology Annual Meeting, Philadelphia, PA. May 11, 2001. (Course Director: Thomas DeGraba, MD.)
25. "Hemicraniectomy for Malignant MCA Infarction." In Neurologic Emergencies and Neurocritical Care, Columbia University CME Course. New York Academy of Medicine, New York, NY. May 19, 2001. (Course Director: Stephan Mayer.)
26. "Epidemiology and Risk Factors for Stroke." In Prevention, Diagnosis, and Treatment of Stroke: The State of the Science 2001. Robert Wood Johnson Medical School, New Brunswick, NJ. June 2, 2001. (Course Director: Mark J. Alberts.)
27. "Acute Stroke Treatment." Emergency Medicine Grand Rounds, Lenox Hill Hospital. June 8, 2001.
28. "Intravenous and Intra-arterial Thrombolysis: What's New?" In Brain Attack: Update on Medical and Surgical Management. Columbia University CME Course, Marriott Marquis, New York, NY. June 16, 2001.
29. "Stroke." 2001 Geriatric Medicine Update and Board Review. Mount Sinai Hospital, New York, NY. October 8, 2001. (Course director: Rosanne M. Leipzig, MD, PhD.)
30. "Do Chronic Infections Cause Stroke?" Neuroscience Grand Rounds. New Jersey Medical School, University of Medicine and Dentistry of New Jersey, Newark, NJ. November 14, 2001.
31. "Stroke Risk Factors and Prevention." Neurology Grand Rounds, Long Island College Hospital, Brooklyn, NY. February 14, 2002.
32. "Stroke Risk Factors and Prevention." Grand Rounds, Nyack Hospital, Nyack, NY. February 26, 2002.
33. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Grand Rounds, Salem VA Medical Center, Salem, VA. March 8, 2002.
34. "Stroke Prevention 2002: New Risk Factors, New Treatments." Neurology Grand Rounds, SUNY Downstate Medical Center, Brooklyn, NY. March 22, 2002.
35. "Stroke Risk Factors and Prevention." Grand Rounds, Southside Hospital, Bayshore, NY. April 5, 2002.
36. "Stroke Risk Factors and Prevention." Grand Rounds, Holy Name Hospital, Teaneck, NJ. April 9, 2002.
37. "The Role Of Infection In Stroke And Atherosclerosis: Specific Organisms, Pathogenic Mechanisms, And Clinical Implications" In Atherosclerosis: Not Just a Cholesterol Disease, American Academy of Neurology Annual Meeting, Denver, CO. April 14, 2002. (Course Director: Thomas DeGraba, MD.)
38. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Neurology Grand Rounds, Albert Einstein Medical Center, Philadelphia, PA. May 3, 2002.
39. "Prevention of Stroke or Recurrent Stroke, Including Management of Risk Factors." In American Academy of Neurology Acute Stroke Management Course, New York, NY. May 10, 2002. (Course Director: Steven Levine, MD.)

40. "Stroke Risk Factors and Prevention." Grand Rounds, Southampton Hospital, Southampton, NY. May 30, 2002.
41. "Inflammation, Infection and Stroke." Neurology Grand Rounds, Neurologic Institute, Columbia University, New York, NY. June 12, 2002.
42. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Grand Rounds, Delray Medical Center, Delray Beach, FL. June 25, 2002.
43. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Grand Rounds, Doctors' Medical Center, Modesto, CA. July 18, 2002.
44. "Neurology Case Presentations for the Internal Medicine Boards." Columbia University-Brigham and Women's Hospital Internal Medicine Board Review Course, Plaza Hotel, New York, NY. August 10, 2002. (Course Director: Gerald Appel, MD.)
45. "Inflammation, Infection and Stroke." Neurosurgery Grand Rounds, Neurologic Institute, Columbia University, New York, NY. August 15, 2002.
46. "Advances in Stroke Prevention." Medicine Grand Rounds, Good Samaritan Hospital, West Islip, NY. September 27, 2002.
47. "Update: Stroke and TIA." Medicine Grand Rounds, Staten Island University Hospital. October 2, 2002.
48. "Inflammation and Insights into New Risk Factors." Stroke Treatment 2002: Clinical Trials Planned and Completed, New York Marriott Marquis (Course Director: J.P. Mohr). October 12, 2002.
49. "Pediatric Stroke: An Adult Neurologist's Perspective." Pediatric Neurology Grand Rounds. Babies' Hospital, Columbia University Medical Center. October 22, 2002.
50. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Medicine Grand Rounds, St. Mary's Health Center, St. Louis, MO. October 30, 2002.
51. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Medicine Grand Rounds, Manchester VA Hospital, Manchester, NH. February 28, 2003.
52. "Stroke Prevention." Medicine Grand Rounds, Lankenau Medical Center, Wynnewood, PA, March 7, 2003.
53. "Stroke and TIA." In Columbia University course Neurology for the Primary Care Provider, Marriott Marquis, New York, NY (Dr. Arnold Kriegstein, Course Director). March 8, 2003.
54. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Fayetteville, NC. March 11, 2003.
55. "Acute Stroke." Mercy Medical Center. March 26, 2003.
56. "The Role Of Infection In Stroke And Atherosclerosis: Specific Organisms, Pathogenic Mechanisms, And Clinical Implications" In Atherosclerosis: Not Just a Cholesterol Disease, American Academy of Neurology Annual Meeting, Honolulu, HI. April 5, 2003. (Course Director: Thomas DeGraba, MD.)

57. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Medicine Grand Rounds, St. Joseph's Hospital, Reading, PA. May 9, 2003.
58. "Advances in Stroke Prevention." Medicine Grand Rounds, Brookhaven Memorial Hospital, Patchogue, NY. May 22, 2003.
59. "Advancing the Standard of Care: New Risk Reduction Strategies for the Stroke Patient." Glen Cove, NY. July 7, 2003.
60. "Neurology Case Presentations for the Internal Medicine Boards." Columbia University-Brigham and Women's Hospital Internal Medicine Board Review Course, Plaza Hotel, New York, NY. August 9, 2003. (Course Director: Jai Radhakrishnan, MD.)
61. "Stroke and TIA." Columbia University-Brigham and Women's Hospital Internal Medicine Board Review Course, Plaza Hotel, New York, NY. August 9, 2003. (Course Director: Jai Radhakrishnan, MD.)
62. "Stroke Prevention." Medicine Grand Rounds, Allen Pavilion, October 16, 2003.
63. "Stroke Prevention: New Risk Factors, New Paradigms." Acute Ischemic Stroke 2003. Albany Medical Center, Albany, NY. November 8, 2003. (Course Director: Gary Bernardini, MD.)
64. "New Risk Factors for Stroke: Insights from The Northern Manhattan Study." Boston Stroke Society Meeting. November 19, 2003. (Course Director: Robert Ackerman, MD.)
65. "Inflammation and Statins." In New York-Presbyterian Hospital Stroke Update Course, Grand Hyatt, New York, NY. November 21, 2003. (Course Director: Ralph L. Sacco, MD, MS.)
66. "The Controversy—Warfarin and Aspirin for Secondary Prevention of Stroke." American Heart Association Long Island, NY Chapter, Cardiology and Stroke Update. December 4, 2003.
67. "CRP and Other Inflammatory Markers: Predictors of Stroke and Vascular Events." In Inflammation and Infection: New Theories and New Therapies Session. American Heart Association 29th International Stroke Conference. February 6, 2004. (**Session Moderators: Mitchell S.V. Elkind, MD, MS and James Liao, MD.**)
68. "Vascular Physiology and Pathophysiology." Columbia University Basic and Clinical Neurosciences Course. February 28, 2004. (Course Directors: John Martin PhD, Guy McKhann, MD.)
69. "Inflammation as a Stroke Risk Factor." Neuroepidemiology Lecture Series, Gertrude H. Sergievsky Center, Columbia University. April 20, 2004. (Director : Steve Alberts, PhD.)
70. "The Role Of Infection In Stroke And Atherosclerosis: Specific Organisms, Pathogenic Mechanisms, and Clinical Implications" In Atherosclerosis: Not Just a Cholesterol Disease, American Academy of Neurology Annual Meeting, San Francisco, CA. April 26, 2004. (Course Director: Thomas DeGraba, MD.)
71. "Inflammation as a Stroke Risk Factor: The Role of CRP and Other Measures." In Stroke Prevention in 2004, American Academy of Neurology Annual Meeting, San Francisco, CA. April 30, 2004. (**Course Director: Mitchell S. V. Elkind, MD, MS.**)

72. "Inflammation as a Stroke Risk Factor." Cardiology Conference, Oregon Health Sciences University, Portland, OR. May 7, 2004.
73. "New Paradigms in Stroke Prevention: Inflammation and Statins." In American Heart Association/American Stroke Association Symposium: Prevention and Treatment of Acute Stroke, Portland Marriott Downtown, Portland, OR. May 8, 2005. (Course Director: Ted Lowenkopf, MD.)
74. "Stroke Prevention." Neurology Grand Rounds, Stony Brook University Hospital, SUNY Health Sciences Center, Stony Brook, NY. June 1, 2004. (Director: Pat Coyle, MD.)
75. "Stroke Prevention." Neurology Grand Rounds, North Shore University Hospital, Manhasset, NY. June 11, 2004.
76. "Neurology Case Presentations for the Internal Medicine Boards." In Columbia University-Brigham and Women's Hospital Internal Medicine Board Review Course, Plaza Hotel, New York, NY. August 7, 2004. (Course Director: Jai Radhakrishnan, MD.)
77. "Pathogenesis and Management of Stroke." Columbia University-Brigham and Women's Hospital Internal Medicine Board Review Course, Plaza Hotel, New York, NY. August 7, 2004. (Course Director: Jai Radhakrishnan, MD.)
78. "Stroke Prevention." Cardiology Grand Rounds, New York Medical College, Valhalla, NY. October 19, 2004.
79. "Advances in Stroke Treatment and Prevention." In Cardiology Advances: 2004 CME course sponsored by The Heart Institute at Atlantic City Medical Center, Cologne, NJ. October 23, 2004. (Course Director: Howard A. Levite, MD.)
80. "Should Every Stroke Patient Receive a Statin." In New York-Presbyterian Hospital Brain Attack and Cerebrovascular Update 2004 Course, The Grand Hyatt, New York, NY. November 19, 2004. (Course Directors: Ralph L. Sacco, MD, MS and Alan Z. Segal, MD.)
81. "Vascular Physiology and Pathophysiology." Columbia University Basic and Clinical Neurosciences Course. February 12, 2005. (Course Directors: John Martin, PhD, Guy McKhann, MD.)
82. "A Statin for Every Stroke Patient?" Neurology Grand Rounds, North Shore University Hospital, Manhasset, NY. March 25, 2005. (Course Director: Ron Kanner, MD).
83. "Lipoproteins, C-reactive Protein, and Inflammation: A Statin for Every Stroke Patient?" In Stroke Prevention in 2005, Half-Day Course, American Academy of Neurology Annual Meeting, Miami, FL. April 10, 2005. (**Course Director: Mitchell S. V. Elkind, MD, MS, FAAN.**)
84. "The Role Of Infection In Stroke And Atherosclerosis: Specific Organisms, Pathogenic Mechanisms, and Clinical Implications" In Atherosclerosis: Not Just a Cholesterol Disease, Breakfast Course, American Academy of Neurology Annual Meeting, Miami, FL. April 15, 2005. (Course Director: Brad Worrall, MD.)
85. "Do Chronic Infections Cause Stroke?" Grand Rounds, Hopital Lariboisiere, Paris France, April 27, 2005. (Marie-Germaine Bousser, Chairperson).

86. "Usefulness of Risk Markers for Women Using Hormone Therapy." In NIH-sponsored Workshop: Advancing the Study of Stroke in Women, Duke University, Durham, NC. August 22, 2005. (Course Director: Cheryl Bushnell, MD.)
87. "Advances in Stroke Therapy." Cardiology Grand Rounds, New York Medical College, Valhalla, NY. September 6, 2005.
88. "Cholesterol and Blood Pressure Control: Statins, ACEI, and ARB." In Brain Attack and Cerebrovascular Disease Update – 2005. Consensus and Controversy. New York-Presbyterian Hospital CME Course, November 4, 2005, New York, NY.
89. "Biomarkers of Stroke Risk: Potential Modification By Statins and Other Therapies." In Stroke Prevention in 2006, Half-Day Course, American Academy of Neurology Annual Meeting, San Diego, CA. April 7, 2006. (**Course Director: Mitchell S. V. Elkind, MD, MS, FAAN.**)
90. "Management of Carotid Disease in Consideration of Inflammation and Other Factors." In Atherosclerosis: Not Just a Cholesterol Disease, After-Dinner Seminar, American Academy of Neurology Annual Meeting, San Diego, CA. April 3, 2006. (Course Director: Brad Worrall, MD.)
91. "Is Stroke an Inflammatory Disease?" Neurology Grand Rounds, New York University Medical Center, NY, NY, October 3, 2006.
92. "High-sensitivity C-reactive protein, lipoprotein-associated phospholipase A2, and stroke prognosis." Neurology Grand Rounds, Columbia University Medical Center, NY, NY, October 4, 2006.
93. "Is Stroke an Inflammatory Disease?" Neurology Grand Rounds, University of South Alabama, Mobile, AL, November 15, 2006.
94. "Stroke Treatment: Acute Care and Secondary Prevention." Neurology Grand Rounds, New York Medical College, Valhalla, NY, January 31, 2007.
95. "Stroke Prevention and Treatment—Targeting Inflammation." Neurology Grand Rounds, Columbia University Medical Center, NY, NY, February 28, 2007.
96. "Stroke Prevention and Treatment—Targeting Inflammation." Neurology Grand Rounds, University of Pennsylvania, Philadelphia, PA, March 8, 2007.
97. "Statins, ACEIs and ARBs: New Ways to Prevent Stroke." In Stroke Prevention in 2007, Half-Day Course, American Academy of Neurology Annual Meeting, Boston, MA. April 30, 2007. (**Course Director: Mitchell S. V. Elkind, MD, MS, FAAN.**)
98. "Stroke Prevention and Treatment—Targeting Inflammation." Neurology Grand Rounds, Wayne State University, Detroit, MI, September 7, 2007.
99. "Genetics, Inflammation, and Other Novel Risk Factors." In Current Cerebrovascular Modalities, American Heart Association Long Island Nursing Education Conference, Melville, NY, October 24, 2007. (Chair: Ann O'Shea, RN, BSN, CCRN.)
100. "Biomarkers and Genetics." In Brain Attack and Cerebrovascular Disease Update – 2007. New York-Presbyterian Hospital CME Course, November 9, 2007, New York, NY.

101. "Teaching the Next Generation." In A. B. Baker Education Colloquium at the 60th Annual American Academy of Neurology Meeting, Chicago, IL, April 14, 2008.
102. "Vascular Disease Risk Factors" In Stroke Therapy, Evening Course, American Academy of Neurology Annual Meeting, Chicago, IL. April 17, 2008. (Course Director: Barney J. Stern, MD.)
103. "Stroke Prevention and Treatment—Targeting Inflammation." Stroke Conference, Mount Sinai School of Medicine, New York, NY, May 1, 2008.
104. "NeuSTART: An Adaptive Design Phase I Trial for Acute Ischemic Stroke." In Session 7, Design Issues in Clinical Trials and Drug Development in Patients with Neurological Disorders. Society of Clinical Trials Annual Meeting, St. Louis, MO, May 20, 2008. (Session Chair: Ken Cheung, PhD).
105. "Cerebrovascular Disease." In Current Issues in Primary Care, New York Pri-Med Conference, Javits Convention Center, New York, NY, October 3, 2008. (Session Chair: Nicholas Fiebach).
106. "How to Best Form and Utilize a Stroke Unit/Neuro ICU." In Advanced Interventional Management Symposium, Hilton New York, New York, NY, November 19, 2008. (Session Chair: Allan Brook).
107. "Secondary Stroke Prevention." Department of Medicine Grand Rounds, Harlem Hospital Center, New York, NY, January 13, 2009.
108. "Infectious Burden: A New Modifiable Risk Factor for Atherosclerosis?" In Session on "Stroke Bugs" at the American Heart Association/American Stroke Association International Stroke Conference 2009, San Diego, CA, February 20, 2009 (**Session Moderators: A. Grau/M. Elkind**)
109. "Stroke Prevention and Treatment—Targeting Inflammation." Neurology Grand Rounds, Beth Israel Medical Center, New York, NY, March 13, 2009.
110. "Inflammation and Intracranial Stenosis—New Targets For Stroke Treatment And Prevention." Neuroscience Grand Rounds, Albany Medical Center, Albany, NY, April 16, 2009.
111. "Teaching the Next Generation of Physicians." Graduate Medical Education Conference, Albany Medical Center, Albany, NY, April 16, 2009.
112. "Stroke: Inflammation as a Target for Treatment and Prevention." Neurology Grand Rounds, SUNY--Downstate Medical Center, Brooklyn, NY, April 24, 2009.
113. "Stroke." Medicine Grand Rounds, Lankenau Medical Center, Wynnewood, PA, May 22, 2009.
114. "TIA and Stroke: Epidemiology, Pathophysiology, Management and Prevention." At the *American Health and Drug Benefits* TIA Summit, Philadelphia Marriott, Philadelphia, PA, May 29, 2009 (Robert Henry, organizer).
115. "How to Best Form and Utilize a Stroke Unit/Neuro ICU." In Advanced Interventional Management Symposium, Hilton New York, New York, NY, November 18, 2009. (Session Chair: Allan Brook).

116. “Primary and Secondary Stroke Prevention among Blacks and Hispanics: Different or the Same?” In the Third Annual Treatment and Prevention of Stroke in Black and Hispanic Populations. Harlem Hospital Center, November 20, 2009 (Olajide Williams, MD, Course Director).
117. “Implications for Preventing Stroke in HIV-Infected Patients.” In Invited Symposium on “HIV and Cerebrovascular Disease” at the American Heart Association/American Stroke Association International Stroke Conference 2010, San Antonio, TX, February 24, 2010 (**Session Moderators: S. Sen/M. Elkind**)
118. “Role of Inflammation and Genetics.” In Brain Attack and Cerebrovascular Disease Update – 2010. New York-Presbyterian Hospital CME Course, March 5, 2010, Grand Hyatt, New York, NY (Course Directors: R. Marshall, A. Segal).
119. “Inflammation and Infection: Novel Targets for Stroke Prevention and Treatment.” Neurology Grand Rounds, Neurological Institute, Columbia University, New York, NY, April 7, 2010.
120. “Biomarkers in Clinical Trials” In Clinical Research Methods II, Half-Day Course, American Academy of Neurology Annual Meeting, Toronto, ON, Canada, April 11, 2010 (Course Director: Karen Furie, MD, PhD).
121. “Inflammatory Mechanisms of Stroke.” In Stroke Risk and Prevention, Princeton Conference, Boston, MA, April 23, 2010 (Course Director: Karen Furie, MD, PhD).
122. “Impact of innate inflammation in population studies.” In Innate Inflammation as the Common Pathway of Risk Factors Leading to Transient Ischemic Attacks and Stroke: Pathophysiology and Potential Interventions, The New York Academy of Sciences, New York, NY, May 10, 2010 (Course Directors: Gregory J. del Zoppo, Phil B. Gorelick).
123. “Epidemiology of Stroke in the US.” In U.S.-China Hypertension and Stroke Research. Past Success, Present Achievements and Future Opportunities, Regent Hotel, Beijing, China, October 13, 2010.
124. “Primary and Secondary Stroke Prevention among Blacks and Hispanics: Different or the Same?” In the Fourth Annual Treatment and Prevention of Stroke in Black and Hispanic Populations. Harlem Hospital Center, November 19, 2010 (Olajide Williams, MD, Course Director).
125. “Inflammation as a Trigger for Acute Stroke.” In Brain Attack and Cerebrovascular Update 2011, Rockefeller University, New York, NY, March 9, 2011. (Course Directors: Randolph Marshall/Alan Segal).
126. “Stroke Prevention: State of the Art.” In American Heart Association/American Stroke Association Eleventh Annual Invitational Conference on Estate Planning and Administration, Harvard Club, New York, NY, April 28, 2011. (Chairs: Karin Barkhorn/Michael Mariani).
127. “Stroke Epidemiology: Focus on Inflammation.” Neurology Grand Rounds, University of Pennsylvania, Philadelphia, PA, November 17, 2011.
128. “Advances in Secondary Stroke Prevention.” Rehabilitation Medicine Grand Rounds, Columbia University Medical Center, New York, NY, December 1, 2011.
129. “Carotid Artery Screening.” Columbia University Epidemiology Scientific Symposium, Mailman School of Public Health, Columbia University, New York, NY, May 11, 2012.

130. “Making Stroke Prevention Stick: The Role of Acute Stroke Discharge Planning.” Fourth Annual New York State Stroke Conference: Maximizing Stroke Quality of Care: Key Ingredients. Westchester Marriott, Tarrytown, NY, May 31, 2012.
131. “Advances in Stroke Epidemiology: Update from Northern Manhattan.” Neurology Grand Rounds, Weill Cornell Medical Center, New York, NY, December 19, 2012 (Chair: M. Fink).
132. “Top Ten Advances in Stroke 2012.” Neurosurgery Grand Rounds, Columbia University Medical Center, New York, NY, February 21, 2013 (Chair: R. Solomon).
133. Annual Mintz Lecture: “Stroke Epidemiology: Update from Northern Manhattan.” Neurology Grand Rounds, Mount Sinai School of Medicine, New York, NY, May 22, 2013 (Chair: S. Sealfon).
134. “Vascular biology and genetics.” Center for Stroke Disparities Solutions Summer Institute, New York University, New York, NY, August 8, 2013 (Course Directors: G Jean-Louis, O. Williams).
135. “Complexity of Chronic Diseases: Stroke.” Epidemiology of Chronic Disease Course, Epidemiology Department, Columbia University Mailman School of Public Health, September 23, 2013 (T. Mielenz, Course Director).
136. “Inflammation and Infection in Stroke Prevention and Treatment.” Neurology Grand Rounds, New York University, New York, NY, October 22, 2013 (Chair: Steve Galetta).
137. “Infection and inflammation in Stroke.” Neurology Update Mumbai, Renaissance Hotel, Mumbai, India, February 21, 2014 (Chair B. Singhal).
138. “Risk Factors in Ischemic Stroke: Revisited.” Neurology Update Mumbai, Renaissance Hotel, Mumbai, India, February 21, 2014 (Chair B. Singhal).
139. “Potential Future Uses of Novel Oral Anticoagulants.” In Novel oral anticoagulants in practice, Integrated Neuroscience Session, American Academy of Neurology Annual Meeting, Philadelphia, PA, April 27, 2014. (Chairs: Seemant Chaturvedi, Antonio Culebras.)
140. “The Role of Infection in Adult Stroke.” In the Foundation of the American Society of Neuroradiology Symposium 2014, Montreal, Canada, May 17, 2014 (Chair: Gordon Sze).
141. “Stroke 2014: Update for Hospitalists.” Society for Hospital Medicine, New Jersey Chapter, Quarterly Conference, Edgewater, NJ (Chair: Izabela Nowosielski).
142. “The Northern Manhattan Study, Vascular Biology and Genetics.” Center for Stroke Disparities Solutions PRIDE Summer Institute, New York University, New York, NY, July 16, 2014 (Course Director: O. Williams).
143. “Stroke Disparities: Novel Findings from the Northern Manhattan Study.” Center for Stroke Disparities Solutions GME Conference “Closing the Gap in Stroke Disparities: Treatment, Prevention, and Future Directions, Harlem Hospital Center, New York, NY, September 19, 2014 (Course Directors: O. Williams/G. Ogedegbe).
144. **C. Miller Fisher Neuroscience Visionary Award Lecture:** “Inflammation and Infection: New Targets for Stroke Prevention and Treatment.” Northeast Cerebrovascular Consortium Annual Meeting, Newport, RI, October 23, 2014 (Meeting Chair: Martin Gizzi, MD, PhD).

145. "Inflammation and Infection: Novel Targets for Stroke Prevention and Treatment." Neurology Grand Rounds, Neurological Institute, Columbia University, New York, NY, December 5, 2014.
146. "Diagnosing Non-Valvular Atrial Fibrillation for Stroke Prevention." 2015 American Academy of Neurology Breakthroughs in Neurology Conference, Pointe Hilton Tapatio Cliffs Resort, Phoenix, AZ, January 24, 2015 (Chair: Jose Merino, MD).
147. "Anticoagulants in the Prevention of Stroke in Patients with Non-Valvular Atrial Fibrillation." 2015 American Academy of Neurology Breakthroughs in Neurology Conference, Pointe Hilton Tapatio Cliffs Resort, Phoenix, AZ, January 24, 2015 (Chair: Jose Merino, MD).
148. "Future of NOACs: Potential Clinical and Research Uses." 2015 American Academy of Neurology Breakthroughs in Neurology Conference, Pointe Hilton Tapatio Cliffs Resort, Phoenix, AZ, January 24, 2015 (Chair: Natalia Rost, MD).
149. "Chronic Post-Stroke Decline: Epidemiology, Mechanisms, and Therapeutic Implications." International Stroke Conference 2015 Invited Symposium, Nashville, TN, February 13, 2015 (Initiator and Moderator: **M. Elkind**).
150. "Debate: Is Qualitative Research Soft Science." In *Qualitative Research: the "How" and "Why" of Education*. 2015 American Academy of Neurology Annual Meeting, Washington, DC, April 20, 2015 (Chair: Douglas Larsen, MD).
151. "Inflammation in Stroke Prevention and Treatment." Medicine Grand Rounds, Lankenau Medical Center, Wynnewood, PA, May 1, 2015.
152. "Inflammation and Stroke." European Stroke Conference, Vienna, Austria, May 14, 2015.
153. "Stroke and Infection." Swiss Neurology Webinar. Aarau, Switzerland, July 1, 2015.
154. "Inflammation and Microvascular Disease." Opening Plenary Session Lecture, Canadian Stroke Congress, Toronto, CA, September 17, 2015. (Chairs: Robert Côté/Mark Bayley.)
155. "Etiology of Cryptogenic Stroke: The Scope of the Problem." Public Health Forum on Cryptogenic Stroke, Washington, DC, October 8-9, 2015. (Chair: Clyde Yancy, MD.)
156. "Tomorrow, and Tomorrow, and Tomorrow: Stroke Triggers, Trajectories, and Trials." Neurology Grand Rounds, Downstate University, Brooklyn, NY, November 13, 2015.
157. "Tomorrow, and Tomorrow, and Tomorrow: Stroke Triggers, Trajectories, and Trials." Neurology Grand Rounds, Columbia University Medical Center, New York, NY, November 13, 2015.
158. "Tomorrow, and Tomorrow, and Tomorrow: Stroke Triggers, Trajectories, and Trials." Neurology Grand Rounds, Massachusetts General Hospital, Boston, MA, November 19, 2015.
159. "Acute Stroke Biomarkers." In Brain Attack and Cerebrovascular Update 2016, New York Academy of Medicine, New York, NY, March 18, 2016. (Course Directors: Randolph Marshall/Babak Navi).

160. “Stroke Epidemiology: The View from Northern Manhattan.” Departmental Seminar, Department of Epidemiology, Mailman School of Public Health, Columbia University, New York, NY (Guohua Li, MD, Chair).
161. “Therapeutic Implications of the Concept of Atrial Cardiopathy.” In *Atrial cardiopathies as a cause of cryptogenic stroke: Beyond atrial fibrillation*. European Stroke Conference, Venice, Italy, April 13, 2016 (**Initiators/Moderators: M. Elkind/H. Kamel.**)
162. “The Northern Manhattan Study: Epidemiology of Stroke and Vascular Functional Decline.” Center for Stroke Disparities Solutions PRIDE Summer Institute, New York University, New York, NY, July 27, 2016 (Course Director: O. Williams).
163. “Tomorrow, and Tomorrow, and Tomorrow: Stroke Triggers, Trajectories, and Trials.” **J. Donald Easton lecture/Neurology Grand Rounds**, Brown University, Providence, RI, March 29, 2017.
164. “Atrial Cardiopathy and Cryptogenic Stroke: Beyond Atrial Fibrillation.” **Michael K. Copass & S. Mark Sumi Vascular Neurology Visiting Professor Lecture**, University of Washington, Seattle, WA, April 5, 2017.
165. “Inflammation and Infection: Novel Targets for Stroke Prevention and Treatment.” Neurology Grand Rounds, University of Washington, Seattle, WA, April 6, 2017.
166. “Inflammation and Stroke.” In *Brain Attack and Cerebrovascular Update 2017*, New York Academy of Medicine, New York, NY, May 12, 2017. (Course Directors: Randolph Marshall/Babak Navi).
167. “Biomarkers in Stroke Prevention and Treatment: From Research to Practice.” Ellermann Lecture, Swiss Neurological Society, Interlaken, Switzerland, September 29, 2017. (**On presentation of Ellermann award to Mira Katan, MD, former mentee of Dr. Elkind**). (Session Chair: Claudio Bassetti, MD)
168. “Natalizumab for acute ischemic stroke: The ACTION trials.” Stroke Treatment Academic Industry Roundtable (STAIR) X, Washington DC, October 23, 2017 (Chair: G. Albers)
169. “Cryptogenic Stroke and Atrial Cardiopathy: Beyond Atrial Fibrillation.” Neurology Grand Rounds, Columbia University Medical Center, New York, NY, November 10, 2017.
170. “Cryptogenic Stroke: Explaining the Unexplained.” Neurology Grand Rounds, New York University, New York, NY, March 20, 2018 (Chair: Steve Galetta).
171. “Stroke Update: Treatment and Prevention.” Medicine Grand Rounds, Lankenau Medical Center, Wynnewood, PA, March 30, 2018 (Organizer: David Cohen, MD).
172. “Stroke prevention –inflammation and infection as risk and prognostic factors for stroke.” In *New Directions in Therapy: Immunomodulation and Stroke*. European Stroke Conference, Athens, Greece, April 13, 2018 (**Initiator/Moderator: M. Elkind.**)
173. “Acute stroke therapy—neuroimmunomodulatory therapy for acute stroke.” In *New Directions in Therapy: Immunomodulation and Stroke*. European Stroke Conference, Athens, Greece, April 13, 2018 (**Initiator/Moderator: M. Elkind.**)

174. “Antiplatelet Therapy for Ischemic Stroke: Long-Term Secondary Prevention.” In *Brain Attack and Cerebrovascular Disease Update 2018*, New York Academy of Medicine, New York, NY, June 8, 2018. (Course Directors: Josh Willey/Babak Navi).
175. “Cryptogenic stroke and atrial cardiopathy: beyond atrial fibrillation.” *Neurology Grand Rounds*, Downstate University, Brooklyn, NY, September 14, 2018.
176. “Human health in a sustainable world: How can we address stroke and NCDs in sustainable cities?” Panel discussion at *World Stroke Congress*, Montreal, Canada, October 18, 2018.
177. “Changing stroke demographics and characteristics as a result of preventive interventions and Impact on thrombolysis and thrombectomy with focus on atrial fibrillation and LVO vs non-LVO stroke.” In *Thrombolysis, Thrombectomy, and Stroke Therapy 2018 Conference*, Houston, TX, October 21, 2018 (J. Grotta, Chair).
178. “Atrial cardiopathy and unexplained stroke: beyond atrial fibrillation.” *American Heart Association Stroke Council Award Lecture*, American Heart Association Scientific Sessions, Chicago, IL, November 11, 2018 (K. Furie, Chair).
179. “Biomarkers—How do we identify markers that cross the translational bridge?” In *NINDS Stroke Recovery Workshop: Bridging the Translational Gap in Stroke Recovery & Rehabilitation Research*. Neuroscience Center, Rockville, MD, November 27, 2018 (T. Carmichael/S. Cramer, Chairs).
180. “25 Years of the Northern Manhattan Study: From Community to Clinic.” *Neurology Grand Rounds*, Columbia University Medical Center, New York, NY, December 7, 2018.
181. “Cryptogenic Stroke and Secondary Stroke Prevention.” *Rusk Institute of Rehabilitation Medicine Grand Rounds*, New York, NY January 9, 2018.
182. “Atrial cardiopathy and cryptogenic stroke: beyond atrial fibrillation.” *Albert Einstein College of Medicine Neurology Grand Rounds*, Bronx, NY January 31, 2019 (M. Mehler, Chair).
183. “Hawaii Five-O: When the Suspect Is an Uncommon Cause of Stroke.” In the *International Stroke Conference Pre-Conference Symposium I: Stroke in the Real World: In Search of the Big Kahuna: Rare Causes of Stroke*. February 5, 2019, Honolulu, HI (Chairs: B. Kissela, T. Wein).
184. “Brain Health: Current Concepts and Epidemiology.” In the *Second Annual Sleep Symposium*, March 15, 2019, Columbia University, New York, NY (Marie-Pierre St. Onge, Chair)
185. Discussant, “Treating Stroke to Target.” In *Late-Breaking Science Session VI*, at *American Heart Association Scientific Sessions*, November 18, 2019, Philadelphia, PA (Don Lloyd-Jones, Minesh Patel, Chairs).
186. “Atrial Cardiomyopathy, Unexplained Stroke, and Anticoagulation.” In *Atrial Fibrillation*, at *American Heart Association Scientific Sessions*, November 18, 2019, Philadelphia, PA (Mina Chung, Sean Pokorney, Chairs).
187. “Embolic Stroke of Undetermined Source.” In *Neurology Update and Stroke Intensive Review 2020*, January 18, 2020, Miami, FL (Jose Romano, Chair).

Media:

1. Elkind M. Mapping Out the Future of Stroke Treatment and Prevention. Media Planet: available at <http://www.futureofpersonalhealth.com/prevention-and-treatment/mapping-out-the-future-of-stroke-treatment-and-prevention>.
2. Elkind MS, Honoré T. When Stroke Strikes ‘Perfect’ Health. MediaPlanet: available at <http://www.futureofpersonalhealth.com/prevention-and-treatment/when-stroke-strikes-perfect-health>