

CURRICULUM VITAE

Guido J. Falcone MD, ScD, MPH

Assistant Professor of Neurology & Staff Neurointensivist

Yale School of Medicine & Yale-New Haven Hospital

15 York street | LLCI Building - Room 1004D | New Haven, CT 05620

Phone: (203) 785-6288 | Fax: (203) 737-4419 | email: guido.falcone@yale.edu | www.falconelab.org

Date of Revision: February 17, 2020

Education

M.D. University of Buenos Aires School of Medicine, 2002
M.P.H. Harvard School of Public Health (Quantitative Methods), 2010
Sc.D. Harvard School of Public Health (Genetic Epidemiology), 2014

Career/Academic Appointments

2003-2007 Neurology Resident, Department of Neurology, FLENI, Buenos Aires, Argentina
2007-2008 Chief Resident, Department of Neurology, FLENI, Buenos Aires, Argentina
2008-2009 Staff Neurologist, Department of Neurology, FLENI (Foundation for the Fight against Neurological Diseases), Buenos Aires, Argentina
2011-2014 Research Fellow, Department of Neurology, Massachusetts General Hospital, Boston
2013-2014 SPOTRIAS Fellow, Department of Neurology, Massachusetts General Hospital, Boston
2014-2016 Neurocritical Care Fellow, Harvard Medical School / Mass General Hospital, Boston
2016- Assistant Professor, Department of Neurology, Yale School of Medicine, New Haven
2016- Staff Neurointensivist, Yale-New Haven Hospital, New Haven

Board Certification

ECFMG Certification, February 2014 - current
Partial medical license, Massachusetts, June 2014 - June 2016
Full medical license, Connecticut, 2016 - current
UCNS Certification in Neurocritical Care, 2018 - current

Professional Honors & Recognition

International

2020 American Society for Clinical Investigation Young Physician-Scientist Award
2020 Bernard J. Tyson Career Development Award, 2020 International Stroke Conference
2020 Robert G. Siekert New Investigator Award in Stroke, 2020 International Stroke Conference
2020 Paul Dudley White International Scholar (highest ranking abstract), 2020 International Stroke Conference
2019 Best E-poster, 2019 European Stroke Organization Conference
2013 Travel Award for Junior Investigators, Neurocritical Care Society Meeting
2013 Travel Award for Junior Investigators, International Stroke Genetics Consortium Meeting
2013 Travel Award for Junior Investigators, International Stroke Conference
2010 Fulbright Scholarship for Graduate Studies, ScD Degree
2010 Inter-American Development Bank Scholarship for Graduate Studies, ScD Degree
2009 Fulbright Scholarship for Graduate Studies, MPH Degree
2009 Inter-American Development Bank Scholarship for Graduate Studies, MPH Degree

National

2018 Paul B. Beeson Emerging Leaders Career Development Award in Aging
2017 Neurocritical Care Society Research Fellowship
2013 Neurology Award, Best original research, Massachusetts General Hospital Clinical Research Day
2008 Clinical Practice Research Highlights - American Academy of Neurology Annual Meeting
2002 magna cum laude, University of Buenos Aires School of Medicine

Grant/Clinical Trials History

Active funding

Agency: National Institutes of Health / National Institute on Aging
Program: Paul B. Beeson Emerging Leaders Career Development Award in Aging (K76)
Title: “Genetic analyses of radiological severity, short-term functional outcome and long-term health status in spontaneous intracerebral hemorrhage.”
Role: Principal Investigator
Date: 07/2018 – 03/2023

Agency: National Institutes of Neurological Disorders and Stroke
Program: NIH Small Research Grant Program (R03)
Title: “Intensive Blood Pressure Reduction in Deep Intracerebral Hemorrhage”
Role: Principal Investigator
Dates: 06/2019 – 05/2021

Agency: National Institutes of Health / National Institute on Aging
Program: Supplement to the Yale Pepper Center of Older Americans
Title: “Genomic analyses to evaluate the contribution of hypertension and hypercholesterolemia to risk of Alzheimer's Disease and cognitive decline in non-demented persons”
Role: Co-Principal Investigator / Project Lead (PI Gill)
Dates: 08/2019 – 06/2020

Agency: American Heart Association
Program: Institute for Precision Cardiovascular Medicine - Democratizing Data Grant
Title: “An informatic pipeline to democratize access to genetic data from minority patients with intracerebral hemorrhage”
Dates: 10/2018 – 09/2020

Completed funding

Agency: Neurocritical Care Society
Program: Neurocritical Care Society Research Fellowship
Title: “A cloud computing-based, fully automated imaging pipeline to evaluate perihematomal edema in intracerebral hemorrhage”
Role: Principal Investigator
Dates: 07/2017 – 06/2018

Agency: Yale Claude D. Pepper Older Americans Independence Center
Program: Yale Pepper Scholar
Title: “Multi-Phenotype Big Data Approach to Cerebral Small Vessel Disease Genomics”
Role: Principal Investigator
Dates: 09/2017 – 08/2019

Active clinical trials

Agency: CR Bard
Title: “Impact of Fever Prevention in Brain Injured Patients (INTREPID)”
Global P.I.: Kevin Sheth
Role: Yale Site Principal Investigator
Project period: 01/2017 – Current

Agency: National Institutes of Health
Title: “StATins Use in intRacerebral hemorrhage patieNts (SATURN)”
Global P.I.: Magdy Selim
Role: Yale site Principal Investigator

Project period: 08/2019 – Current

Agency: National Institutes of Health
Title: “Anticoagulation for Stroke Prevention and Recovery after ICH (ASPIRE)”
Global P.I.: Kevin Sheth
Role: Yale site Principal Investigator
Project period: 09/2019 – Current

Agency: National Institutes of Health
Title: “Stroke, sTress, RehabilitatiON, and Genetics (STRONG)” Study
Global P.I.: Ellen Holman
Role: Yale site Principal Investigator
Project period: 09/2019 – Current

Past clinical trials

Agency: NINDS
Title: “MR WITNESS: A Study of Intravenous Thrombolysis With Alteplase in MRI-Selected Patients”
P.I.: Lee Schwamm
Role: Co-Investigator
Project period: 03/2013 – 06/2016

Agency: Remedy Pharmaceuticals, Inc.
Title: “Glyburide Advantage in Malignant Edema and Stroke - Remedy Pharmaceuticals (GAMES-RP)”
P.I.: Kevin Sheth and Taylor Kimberly
Role: Co-Investigator
Project period: 03/2014 – 06/2016

Agency: ZZ Biotech, LLC
National Institute of Neurological Disorders and Stroke (NINDS)
Title: Safety Evaluation of 3K3A-APC in Ischemic Stroke (RHAPSODY)
Study Chair: Patrick D. Lyden
Role: Co-Investigator
Project period: 07/2014 – 06/2016

Agency: University of Minnesota - Clinical and Translational Science Institute
National Institute of Neurological Disorders and Stroke (NINDS)
Title: Antihypertensive Treatment of Acute Cerebral Hemorrhage-II (ATACH-II)
P.I.: Adnan I Qureshi
Role: Co-Investigator
Project period: 03/2013 – 06/2016

Agency: University of Cincinnati
National Institute of Neurological Disorders and Stroke (NINDS)
Title: The Spot Sign for Predicting and Treating ICH Growth Study (STOP-IT)
P.I.: Matthew L. Flaherty
Role: Co-Investigator
Project period: 03/2013 – 06/2016

Agency: University of Virginia
Neurological Emergencies Treatment Trials Network (NETT)
National Institute of Neurological Disorders and Stroke (NINDS)
Title: Stroke Hyperglycemia Insulin Network Effort (SHINE) Trial (SHINE)

Study Chair: Karen C Johnston
Role: Co-Investigator
Project period: 03/2013 – 06/2016

Agency: Remedy Pharmaceuticals, Inc.
Title: “Glyburide Advantage in Malignant Edema and Stroke Pilot (GAMES-PILOT)”
P.I.: Kevin Sheth
Role: Co-Investigator
Project period: 03/2013 – 06/2014

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale
International / National

- 2019 International Stroke Genetics Consortium, 2019 biannual workshop. “Update on active NIH grants related to research in intracerebral hemorrhage.”
- 2019 Neurocritical Care Society, 2019 Annual Meeting. “Big Data in Neurocritical Care: What, Why, and How.”
- 2019 Neurocritical Care Society, 2019 Annual Meeting. “Bioinformatics and Machine Learning for Data-Driven Research – Section on Genetic Analyses.”
- 2019 European Stroke Organization, 2019 European Stroke Organization Conference. Title: “Genetics of Intracerebral Hemorrhage.”
- 2019 National Institutes of Aging, Invited Speaker series. Title: “Genomic analysis to identify shared biological pathways across cerebral small vessel disease, dementia and frailty.”
- 2019 University of Wisconsin, Department of Neurology Grand Rounds. Title: “Joint Genetic Contribution to Different Phenotypes Associated with Cerebral Small Vessel Disease.”
- 2018 Argentine Society of Neurology, 2018 Annual Meeting. Title: “Genetics Underpinnings of Spontaneous Intracerebral Hemorrhage.”
- 2018 F.L.E.N.I. (Argentina), 2018 Neurocritical Care Symposium. Title: “Research in Neurocritical Care in the Big data Era.”
- 2018 F.L.E.N.I. (Argentina), 2018 Neurocritical Care Symposium. Title: “Management of Spontaneous Intracerebral Hemorrhage: Current Research Strategies and Possible Future Options.”
- 2018 F.L.E.N.I. (Argentina), 2018 Neurocritical Care Symposium. Title: “Malignant Ischemic stroke: Novel Therapeutic Strategies.”
- 2018 McMaster University (Canada). 2nd Canadian HEmorrhagic Stroke trIals initiatiVE (CoHESIVE) symposium. Title: “Genetics of Spontaneous Intracerebral Hemorrhage.”
- 2018 Neurocritical Care Society, 2018 Annual Meeting. Title: “Accelerating Collaborative Science in the Age of Big Data.”
- 2018 American Heart Association, International Stroke Conference. Title: “The Use of Statins in Patients with ICH.”
- 2017 American Heart Association, Leadership Sessions. Title “Utilization of the Precision Medicine Platform in Stroke Genomics Research.”
- 2017 American Academy of Neurology, Annual Meeting, co-Chair of the session: “Cerebrovascular Disease and Interventional Neurology: Stroke Prevention and Translation.”
- 2016 International Stroke Genetics Consortium Meeting. Title: “Genome Wide Association Study Intracerebral Hemorrhage Volume.”
- 2014 European Stroke Conference. Title: “Genetics of Intracerebral Hemorrhage Risk and Treatment.”
- 2014 Harvard School of Public Health. Public Thesis Defense. Title: “Common Genetic Variation in Intracerebral Hemorrhage and Related Phenotypes.”

Regional

- 2020 Yale School of Medicine, Neurology Grande Rounds. Title: “Genetic Analyses for Prediction and Causal Inference in Cerebrovascular Disease.”
- 2019 Yale School of Medicine, Neurocritical Care Fellowship Seminars. Title: “Stroke Genetics in the NeuroICU.”
- 2019 Yale School of Medicine, Pulmonary Research Conference. Title: “Genomic Analyses to Identify New

- Therapeutic Targets in Critical Care Medicine: The Case of Spontaneous Intracerebral Hemorrhage.”
- 2019 Yale School of Medicine, Neurocritical Care Fellowship Seminars. Title: “Severe Traumatic Brain Injury.”
- 2018 Yale School of Medicine, Biology of Aging Seminars. Title: “Genomic analyses to evaluate the impact of stroke-related genetic risk factors on aging-related phenotypes.”
- 2018 Yale School of Medicine, Program on Aging Grand Rounds. Title: “Genetic Underpinnings of Different Diseases Associated with Cerebral Small Vessel Disease.”
- 2018 Yale School of Medicine, Neurocritical Care Fellowship Seminars. Title: “Stroke Genetics in the NeuroICU.”
- 2018 Yale School of Medicine, NSCI507 Cellular and Molecular Mechanisms of Neurological Diseases, invited session. Title: “Biological mechanisms of stroke.”
- 2018 Yale School of Medicine, Neurocritical Care Fellowship Seminars. Title: “Severe Traumatic Brain Injury.”
- 2017 Yale School of Medicine, Neurocritical Care Fellowship Seminars. Title: “Stroke Genetics in the NeuroICU.”
- 2017 Yale Critical Care and Emergency Neuroscience Symposium. Title: “Update on Medical Management of Primary Intracerebral Hemorrhage.”
- 2017 Yale School of Medicine, Neurocritical Care Fellowship Seminars. Title: “Severe Traumatic Brain Injury.”
- 2016 Yale School of Medicine, NSCI507 Cellular and Molecular Mechanisms of Neurological Diseases, invited session. Title: “Biological mechanisms of stroke.”
- 2016 Massachusetts General Hospital. Title: “Mortality and Morbidity Conference”
- 2015 Massachusetts General Hospital. Title: “Common Genetic Variation and ICH Risk and Outcome.”
- 2015 Massachusetts General Hospital. Title: “Literature-Driven Guideline Review: Guideline for Head Injury - Initial Assessment and Management.”
- 2015 Johns Hopkins School of Medicine. Title: “Current and future applications of stroke genomics to spontaneous intracerebral hemorrhage.”
- 2015 Yale School of Medicine. Title: “Current and future applications of stroke genomics to spontaneous intracerebral hemorrhage.”
- 2012 Massachusetts General Hospital - J. Philip Kistler Conference. Title: “Role of Genetic Variants for Hypertension and BMI on the Risk of Intracerebral Hemorrhage.”

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale

Oral/Podium presentations (Presenter or senior author of work presented by a lab member)

- 2020 International Stroke Conference. Title: “Sex and Genetic Predisposition Synergistically Influence Risk of Stroke and Myocardial Infarction in Middle-Aged Persons Without Risk Factors.”
- 2020 International Stroke Conference. Title: “Causal Associations Between Genetically-determined Smoking and Risk of Subarachnoid Hemorrhage.”
- 2020 International Stroke Conference. Title: “Recurrent Stroke in Middle-Aged Lacunar Stroke Survivors: Understanding Risk Factors and Vulnerability in an Important Target Population.”
- 2019 International Stroke Genomics Consortium Biannual Meeting. Sex And Genetic Predisposition Synergistically Influence Risk Of Stroke And Myocardial Infarction In Middle-aged Persons Without Risk Factors.
- 2019 International Stroke Genomics Consortium biannual Meeting. Title: “Genetically-Determined Lipid Levels Influence Risk of Spontaneous Intracerebral Hemorrhage.”
- 2019 American Academy of Neurology Annual Meeting. Title: “Genetically Elevated Cholesterol is Associated with Decreased Risk of Spontaneous Intracerebral Hemorrhage.”
- 2019 International Stroke Conference. Title: “Genetically-Determined Cholesterol Levels are Associated with Risk of Spontaneous Intracerebral Hemorrhage.”
- 2019 International Stroke Conference. Title: “Intensive Blood Pressure Reduction is Associated With Reduced Hematoma Expansion in Deep Intracerebral Hemorrhage: A Secondary Analysis of ATACH-2.”
- 2019 International Stroke Conference. Title: “Perihematomal Edema Expansion Rate is Associated With Poor Functional Outcomes in Basal Ganglia Intracerebral Hemorrhage.”

- 2018 American Academy of Neurology Annual Meeting. Title: “Genome-Wide Association Study of Hematoma Volume Identifies 17p12 as a Novel Susceptibility Locus for Severity and Outcome in Intracerebral Hemorrhage.”
- 2017 Neurocritical Care Society Annual Meeting. Title: “Race/Ethnicity Influences Outcomes in Young Adults with Intracerebral Hemorrhage.”
- 2017 International Stroke Conference. Title: “Genetic Variants in CETP that Increase HDL Levels also Increase Risk of Intracerebral Hemorrhage.”
- 2017 International Stroke Genetics Consortium Meeting. Title: “Platform for Accelerating Genetic Discoveries in Cerebrovascular Disease.”
- 2014 European Stroke Conference. Title: “Meta-Analysis of Genome-Wide Association Studies Identifies 1q22 as a Novel Susceptibility Locus for Intracerebral Hemorrhage.”
- 2014 International Stroke Conference. Title: “Meta-Analysis of Genome-Wide Association Studies Identifies Two New Susceptibility Loci for Intracerebral Hemorrhage.”
- 2013 Neurocritical Care Society Meeting. Title: “APOE Epsilon Genetic Variants Increase Risk of Warfarin-Related Intracerebral Hemorrhage.”
- 2013 International Stroke Genetics Consortium Meeting. Title: “Meta-Analysis of Genome-Wide Association Studies Identifies Two New Susceptibility Loci for Intracerebral Hemorrhage.”
- 2013 International Stroke Conference. Title: “Burden of Blood Pressure-Related Alleles is Associated with Larger Hematoma Volume and Worse Outcome in Intracerebral Hemorrhage.”
- 2012 International Stroke Conference. Title: “Genetic Markers for Hypertension and Body Mass Index are also Associated with Risk of Intracerebral Hemorrhage.”

Poster presentations

- 2020 Julian N Acosta , Audrey C Leasure , Lindsey Kuohn , Nils Petersen , Lauren Sansing , Charles C Matouk , Fernando Testai , Carl D Langefeld , Daniel Woo , Adnan Qureshi , Stephan A Mayer , Kevin N Sheth and **Guido J Falcone**. Hemoglobin Levels and Poor Outcome in Intracerebral Hemorrhage: An Exploratory Analysis of Individual Patient Data Across Multiple Studies. Abstract WP410: Hemoglobin Levels and Poor Outcome in Intracerebral Hemorrhage: An Exploratory Analysis of Individual Patient Data Across Multiple Studies. International Stroke Conference.
- 2020 Kevin N Vanent , Audrey C Leasure , Lindsey R Kuohn , Oscar R Benavente , Ashkan Shoamanesh , Alessandro Biffi , Kevin N Sheth and **Guido J Falcone**. Risk Factors for Recurrence of Vascular Events in Middle-Aged Stroke Survivors. International Stroke Conference.
- 2020 Nils H Petersen , Andrew Silverman , Sumita Strander , Sreeja Kodali , Anson Wang , Lauren H Sansing , Joseph L Schindler , **Guido J Falcone** , Emily J Gilmore , Adam Jasne , Branden Cord , Ryan M Hebert , Michele H Johnson , Charles Matouk and Kevin N Sheth. Fixed Compared to Autoregulation-oriented Blood Pressure Thresholds After Mechanical Thrombectomy for Ischemic Stroke. International Stroke Conference. International Stroke Conference.
- 2020 Santosh B Murthy , Sung-Min Cho , Ajay Gupta , Ashkan Shoamanesh , Radhika Avadhani , Joshua Gruber , Tatiana Greige , Vasileios-Arsenios Lioutas , Casey Norton , Pitchaiah Mandava , **Guido J Falcone** , Kevin N Sheth , Adnan I Qureshi , Joshua N Goldstein , Chelsea Kidwell , Magdy Selim , Daniel Woo , Hooman Kamel , Wendy C Ziai and Daniel F Hanley. Diffusion Weighted Imaging Lesions in Patients With Acute Intracerebral Hemorrhage: A Pooled Analysis of Individual Patient Data From MISTIE-III, ATACH-II, I-DEF, and ERICH. International Stroke Conference.
- 2020 Bradley A Cahn , Jill T Shah , Samantha By , E. B Welch , Laura Sacolick , Matthew M Yuen , Mercy H Mazurek , Charles Wira , Audrey C Leasure , Charles Matouk , Adrienne Ward , Sam Payabvash , Rachel Beekman , Stacy C Brown , **Guido Falcone** , Kevin Gobeske , Nils Petersen , Adam Jasne , Richa Sharma , Joseph Schindler , Lauren Sansing , Emily Gilmore , Gordon Sze , Matthew Rosen , W. T Kimberly and Kevin N Sheth. Portable, Bedside, Point of Care Magnetic Resonance Imaging in an Intensive Care Setting for Intracranial Hemorrhage. International Stroke Conference.
- 2020 Bradley A Cahn , Jill T Shah , Hadrien Dyvorne , Rafael O'Halloran , Michael Poole , Matthew M Yuen , Mercy H Mazurek , Adrienne Ward , Sam Payabvash , Rachel Beekman , Stacy C Brown , **Guido Falcone** , Kevin Gobeske , Nils Petersen , Adam Jasne , Richa Sharma , Joseph Schindler , Lauren Sansing , Emily Gilmore , Charles Wira , Charles Matouk , Gordon Sze , Matthew Rosen , W.

- T Kimberly and Kevin N Sheth. Deployment of Portable, Bedside, Low-Field Magnetic Resonance Imaging for Evaluation of Stroke Patients. International Stroke Conference.
- 2020 Jacqueline H Geer , Audrey C Leasure , Kevin N Vanent , Lauren H Sansing , Daniel Woo , Carl Langefeld , Henry Yaggi , **Guido J Falcone** and Kevin N Sheth Obstructive Sleep Apnea Frequency in Intracerebral Hemorrhage. International Stroke Conference.
- 2020 Seyedmehdi Payabvash , Julian Acosta , Stefan Haider , Rommell Noche , Elayna Kirsch , Charles Matouk , Lauren H Sansing , Kevin N Sheth and **Guido J Falcone**. Prediction of Clinical Outcome in Supratentorial Intracerebral Hemorrhage: Application of Baseline Ct Scan Radiomics Feature Extraction and Machine Learning Classifiers. International Stroke Conference.
- 2020 Alexandra C Kimmel , Andrew Silverman , Sreeja Kodali , Sumita Strander , Cindy Khanh Nguyen , Krithika Umesh Peshwe , Anson Wang , Gloria V Lopez , Andrea Holcombe , Cynthia Zevallos , Sudeepta Dandapat , Lauren Sansing , Joseph Schindler , **Guido Falcone** , Charles Matouk , Kevin N Sheth , Santiago Ortega-Gutiérrez and Nils H Petersen Timing of Blood Pressure Decreases During Mechanical Thrombectomy for Ischemic Stroke. International Stroke Conference.
- 2020 Santosh B Murthy , Xian Wu , Ivan Diaz , Melvin Parasram , Neal S Parikh , Alexander Merkler , **Guido Falcone** , Babak B Navi , Kevin N Sheth and Hooman Kamel. Risk of Arterial Ischemic Events After Non-Traumatic Subdural Hemorrhage. International Stroke Conference.
- 2019 Branden John Cord, Anson Wang, Fouad Chouairi, Andrew Koo, Carl Porto, Andrew Silverman, Sreeja Kodali, Sumita Strander, **Guido J. Falcone**, Kevin Sheth, Ryan Matthew Hebert, Lauren Sansing, Joseph Schindler, Nils Petersen, Charles Christian Matouk. Percutaneous Trans-Carotid Puncture For Mechanical Thrombectomy In Acute Ischemic Stroke Patients Is Safe And Effective: A Large, Single-Center Case Series. 2019 Congress of Neurological Surgeons.
- 2019 Andrew Silverman, Sreeja Kodali, Sumita Strander, Emily Gilmore, Alexandra Kimmel, Anson Wang, Branden John Cord, **Guido J. Falcone**, Ryan Matthew Hebert, Charles Christian Matouk, Kevin Sheth, Nils Petersen. Deviation From Dynamic And Personalized Optimal Blood Pressure Targets Is Associated With Worse Functional Outcomes After Aneurysmal Subarachnoid Hemorrhage. 2019 Congress of Neurological Surgeons.
- 2019 Branden John Cord, Corrado Santarosa, Nanthiya Sujjantararat, Adam Kundishora, **Guido J. Falcone**, Kevin Sheth, Lauren Sansing, Joseph Schindler, Nils Petersen, Charles Christian Matouk. Preliminary Experience With Proximal Flow Reversal During Intracranial Balloon Angioplasty And Stenting For Symptomatic, Severe Intracranial Stenosis. 2019 Congress of Neurological Surgeons.
- 2019 Corrado Santarosa, Branden John Cord, Andrew Koo, Aladine A Elsamadicy, Xiao Wu, Seyedmehdi Payabvash, Kevin Sheth, Nils Petersen, **Guido J. Falcone**, Ajay Malhotra, Charles Christian Matouk. Intra-Aneurysmal Signal Dropout On 3D Time-Of-Flight MRA Is Strongly Associated With Wall Enhancement In Unruptured Cerebral Aneurysms: A Novel Biomarker Of Aneurysm Instability. 2019 Congress of Neurological Surgeons.
- 2019 Corrado Santarosa, Branden John Cord, Andrew Koo, Aladine A Elsamadicy, Xiao Wu, Seyedmehdi Payabvash, Kevin Sheth, Nils Petersen, **Guido J. Falcone**, Ajay Malhotra, Charles Christian Matouk. Quantitative Versus Qualitative Assessment Of Aneurysm Wall Enhancement On Magnetic Resonance Vessel Wall Imaging. 2019 Congress of Neurological Surgeons.
- 2019 External Validation Of The FRESH Score For Early Prognostication Of 1-Year Outcome After SAH. Jens Witsch, Lindsey Kuohn, Ryan Matthew Hebert, Branden John Cord, Lauren Sansing, Emily Gilmore, David Y. Hwang, Nils Petersen, **Guido J. Falcone**, Charles Christian Matouk, Kevin Sheth. 2019 Congress of Neurological Surgeons.
- 2019 A Majority Of Ruptured Intracranial Aneurysms Enhance – But Not All. Observations From A Large, Single-Center Experience. Corrado Santarosa, Branden John Cord, Andrew Koo, Aladine A Elsamadicy, Seyedmehdi Payabvash, Kevin Sheth, Nils Petersen, **Guido J. Falcone**, Ajay Malhotra, Charles Christian Matouk. 2019 Congress of Neurological Surgeons.
- 2019 Noche R, Kirsch E, Selim M, Meschia JF, Brown DL, Worrall BB, Tirschwell DL, Jagiella JM, Schmidt H, Jimenez-Conde J, Fernandez-Cadenas I, Lindgren A, Slowik A, Woo D, Andersen CD, Sheth KN, Rosand J, Langefeld CD, Gill TM, **Falcone GJ**. Burden of Hypertension-Related Risk Alleles Influences Age-of-Onset in Spontaneous Intracerebral Hemorrhage. 2019 European Stroke Organisation Conference.
- 2019 Acosta J, Noche R, Kirsch E, Torres Lopez V, Leasure A, Matouk CC, Sansing L, Hwang D, Ziai W, Hanley D, Gill TM, Sheth KN, **Falcone GJ**. Change in Functional Status over Time in Intraventricular

- Hemorrhage: An Exploratory Analysis of the CLEAR III Trial. 2019 European Stroke Organisation Conference.
- 2019 Kirsch E, Noche R, Magdy S, Meschia JF, Brown DL, Worrall BB, Tirschwell DL, Jagiella JM, Schmidt H, Jimenez-Conde J, Fernandez-Cadenas I, Lindgren A, Slowik A, Gill TM, Langefeld CD, Saleheen D, Woo D, Rosand J, Sheth KN, Anderson CD, **Falcone GJ**. Genetic Load of Hypercholesterolemia Risk Alleles is Associated with a Reduction in Risk of Intracerebral Hemorrhage. 2019 European Stroke Organisation Conference.
- 2019 Dhar R, Chen Y, Noche R, Kirsch EP, Acosta J, King Z, Gil TM, Hamzehloo A, Ruiz A, Lee JM, Sheth KN, **Falcone GJ**. Deep Learning for Automated Segmentation of Hematoma and Perihematomal Edema Volumes in Supratentorial Intracerebral Hemorrhage. 2019 European Stroke Organisation Conference.
- 2019 Kuramatsu J, Biffi A, Gerner ST, Sembill JA, Sprügel MI, Leasure A, Sansing L, Matouk CC, **Falcone GJ**, Testai FD, Woo D, Schwab S, Sheth KN, Huttner HB. Mortality and Functional Outcome after Surgical Hematoma Evacuation in Cerebellar Intracerebral Hemorrhage: An International Multicenter Individual Patient Data Meta-Analysis. 2019 European Stroke Organisation Conference.
- 2019 Leasure A, Kuohn L, King Z, Bevers M, Kimberly WT, Shi FD, Mayer S, Steiner T, Sansing T, **Falcone GJ**, Sheth KN. Baseline IL-6 Levels are Associated with Midline Shift and Functional Outcome in Spontaneous Intracerebral Hemorrhage: An Exploratory Analysis of the FAST trial. 2019 European Stroke Organisation Conference.
- 2019 Murthy S, Biffi A, Sansing L, Torres Lopez V, Navi B, Kamel H, Hanley D, Ziai W, Roh D, **Falcone GJ**, Rosand J, Sheth KN. Initiation of Antiplatelet Therapy after Spontaneous Intracerebral Hemorrhage. 2019 European Stroke Organisation Conference.
- 2019 Elayna P Kirsch, Audrey C Leasure, Charles C Matouk, Lauren H Sansing, Katherine Crawford, Christina Kourkoulis, Daniel Woo, Jonathan Rosand, Christopher D Anderson, Kevin N Sheth, **Guido J Falcone**. Genetically-Determined Cholesterol Levels are Associated with Risk of Spontaneous Intracerebral Hemorrhage. 2019 International Stroke Conference.
- 2019 Zachary A King, Audrey C Leasure, Victor Torres-Lopez; Daniel Woo, Daniel F Hanley, Wendy Ziai, Santosh B Murthy, Charles C Matouk, Lauren H Sansing, **Guido J Falcone**, Kevin N Sheth. Racial/Ethnic Disparities in the Risk of Intracerebral Hemorrhage Recurrence. 2019 International Stroke Conference.
- 2019 Zachary A King, Rachel Beekman, Stacy Y Chu, Audrey C Leasure, Hailey A Orgrass, Emily Gilmore, Lauren H Sansing, Charles C Matouk, Kevin N Sheth, **Guido J Falcone**. Ischemic and Hemorrhagic Stroke in Native Americans. 2019 International Stroke Conference.
- 2019 Anson Wang, Brandon J Cord, Fouad Chouairi, Andrew B Koo, Carl Porto, Andrew Silverman, Sreeja Kodali, Sumita Strander, Ryan M Hebert, **Guido J Falcone**, Kevin N Sheth, Lauren H Sansing, Joseph L Schindler, Charles Matouk, Nils H Petersen. Percutaneous Transcarotid Puncture is a Viable Alternative for Thrombectomy in Acute Ischemic Stroke Patients With Difficult Vascular Access. 2019 International Stroke Conference.
- 2019 Audrey C Leasure, Adnan I Qureshi, Joshua N Goldstein, Santosh B Murthy, Hooman Kamel, Daniel Woo, Charles C Matouk, Lauren H Sansing, Kevin N Sheth, **Guido J Falcone**. Intensive Blood Pressure Reduction is Associated With Reduced Hematoma Expansion in Deep Intracerebral Hemorrhage: A Secondary Analysis of ATACH-2. 2019 International Stroke Conference.
- 2019 Audrey C Leasure, Adnan I Qureshi, Joshua N Goldstein, Santosh B Murthy, Hooman Kamel, Daniel Woo, Charles C Matouk, Lauren H Sansing, **Guido J Falcone**, Kevin N Sheth. Perihematomal Edema Expansion Rate is Associated With Poor Functional Outcomes in Basal Ganglia Intracerebral Hemorrhage. 2019 International Stroke Conference.
- 2019 Koo Ab, Elsamadicy AA, Chouairi F, Freedman IG, Sujijantararat N, Cord BJ, Sommaruga S, Santarosa C, Brown S, Hebert R, Bahrassa F, Malhotra A, Sheth KN, **Falcone GJ**, Matouk CC. Choice of Treatment Intervention does not Predict 30- or 90-day Unplanned Readmissions after Treatment of Unruptured Aneurysms: A Study of the Nationwide Readmission Database. 2019 Congress of Neurological Surgeons.
- 2019 Santatosa C, Cord B, Koo A, Elsamadicy A, Wu X, Payabvash S, Sheth K, Petersen N, **Falcone GJ**, Malhotra A, Matouk C. Intra-aneurysmal signal dropout on 3D time-of-flight MRA is strongly associated with wall enhancement in unruptured cerebral aneurysms: a novel biomarker of aneurysm instability. 2019 Congress of Neurological Surgeons.

- 2019 Cord B, Santarosa C, Sujijantararat N, Kundishora A, **Falcone GJ**, Sheth K, Sansing L, Schindler J, Petersen N, Matouk C. Preliminary Experience with Proximal Flow Reversal During Intracranial Balloon Angioplasty and Stenting for Symptomatic, Severe Intracranial Stenosis. 2019 Congress of Neurological Surgeons.
- 2019 Santarosa C, Cord B, Koo A, Elsamadicy A, Wu X, Payabvash S, Sheth K, Petersen N, **Falcone GJ**, Malhotra A, Matouk C. Quantitative versus qualitative assessment of aneurysm wall enhancement on magnetic resonance vessel wall imaging. 2019 Congress of Neurological Surgeons.
- 2019 Cord B, Wang A, Chouairi F, Koo A, Porto C, Silverman A, Kodali S, Strander S, **Falcone GJ**, Sheth K, Hebert R, Sansing L, Schindler J, Petersen N, Matouk C. Percutaneous trans-carotid puncture for mechanical thrombectomy in acute ischemic stroke patients is safe and effective: a large, single-center case series. 2019 Congress of Neurological Surgeons.
- 2019 Santarosa C, Cord B, Koo A, Elsamadicy A, Payabvash S, Sheth K, Petersen N, **Falcone GJ**, Malhotra A, Matouk C. A majority of ruptured intracranial aneurysms enhance, but not all. Observations from a large, single-center experience. 2019 Congress of Neurological Surgeons.
- 2018 Marini S, Devan Wj, Radmanesh F, Miyares L, Sheth KN, Anderson CD, Rosand J, **Falcone GJ**. Genome-Wide Association Study of Hematoma Volume Identifies 17p12 as a Novel Susceptibility Locus for Severity and Outcome in Intracerebral Hemorrhage. 2018 American Academy of Neurology Annual Meeting.
- 2018 Miyares L, **Falcone GJ**, et al. Race/Ethnicity Influences Outcomes in Young Adults with Intracerebral Hemorrhage. 2018 American Academy of Neurology Annual Meeting.
- 2018 Leasure AC, Steinschneider AF, **Falcone GJ**, et al. Plasma IL-6 Levels Are Independently Associated with Functional Outcome and Markers of Secondary Injury in Spontaneous Intracerebral Hemorrhage. 2018 American Academy of Neurology Annual Meeting.
- 2018 Chu SY, Sommaruga S, Hwang D, Dearborn J, Sansing L, Matouk C, Samarth G, Petersen N, Gilmore E, Schindler J, Sheth KN, **Falcone GJ**. Safety Outcomes of Thrombolysis for Acute Ischemic Stroke in Patients with History of Intracranial Hemorrhage. 2018 American Academy of Neurology Annual Meeting.
- 2018 Beekman R, Chu SY, Sommaruga S, Hwang Matouk C, Petersen N, Gilmore E, Schindler J, Sheth KN, **Falcone GJ**. Spontaneous Intracerebral Hemorrhage in the Elderly Population. 2018 American Academy of Neurology Annual Meeting.
- 2018 Ormseth CH, **Falcone GJ**, et al. Racial Variation in Comfort Measures Only Status in Patients with Intracerebral Hemorrhage. 2018 American Academy of Neurology Annual Meeting.
- 2018 Miyares L, **Falcone GJ**, et al. Characterization of Supratentorial Intracerebral Hemorrhage in the Ethnic/Racial Variations of ICH Study. 2018 American Academy of Neurology Annual Meeting.
- 2018 Chu SY, Sommaruga S, Hwang D, Dearborn J, Sansing L, Matouk C, Samarth G, Petersen N, Gilmore E, Schindler J, Sheth KN, **Falcone GJ**. Safety Outcomes of Thrombolysis for Acute Ischemic Stroke in Patients with History of Intracranial Hemorrhage. 2018 American Academy of Neurology Annual Meeting.
- 2018 Leasure AC, Steinschneider AF, **Falcone GJ**, et al. Plasma IL-6 Levels Are Independently Associated with Functional Outcome and Markers of Secondary Injury in Spontaneous Intracerebral Hemorrhage. 2018 International Stroke Conference.
- 2018 Leasure AC, Sreekrishnan A, Ormseth CH, Miyares LC, Mampre DM, McLaughlin C, Amin H, Sansing LH, **Falcone GJ**, Sheth KN. Stroke-specific Quality of Life as an Independent Outcome in Intracerebral Hemorrhage. 2018 International Stroke Conference.
- 2018 Stretz C, Ghoshal S, Marcolini E, Hwang DY, Petersen NH, Schindler JL, Sheth KN, **Falcone GJ**, Gilmore EJ. The Neurointensivists' Role in Management of Cerebral Venous Sinus Thrombosis. 2018 International Stroke Conference.
- 2018 Crawford K, Kourkoulis C, Miyares L, Burt N, Flannick J, Hall JL, Rosand J, **Falcone GJ**. The Cerebrovascular Disease Knowledge Portal: an Open Access Data Resource to Accelerate Genomic Discoveries in Stroke. 2018 International Stroke Conference.
- 2018 Chu SY, Sommaruga S, Hwang D, Dearborn J, Sansing L, Matouk C, Samarth G, Petersen N, Gilmore E, Schindler J, Sheth KN, **Falcone GJ**. Thrombolysis in Ischemic Stroke Patients with Prior History of Intracranial Hemorrhage. 2018 International Stroke Conference.

- 2018 Bevers MB, Wolcott Z, Leasure AC, **Falcone GJ**, et al. Soluble St2 Predicts Functional Outcome After Spontaneous Intraparenchymal Hemorrhage. 2018 International Stroke Conference.
- 2018 Racial Variation in Comfort Measures Only Status in Patients with Intracerebral Hemorrhage. Ormseth CH, **Falcone GJ**, et al. 2018 International Stroke Conference.
- 2018 Sommaruga S, Cord C, Molhotra A, Johnson M, Minja FJ, Gunel M, Sheth K, Herbert R, **Falcone GJ**, et al. Vessel Wall Enhancement Is Associated with Clinical and Imaging Markers of Aneurysm Instability. 2018 International Stroke Conference.
- 2018 Chouairi F, Elsamadicy AA, Freedman IG, Koo A, Mercier MR, Lynn A, Lee M, Cord B, Hebert R, **Falcone GJ**, Petersen N, Sheth KN, Sansing L, Malhotra A, Schindler J, Matouk C. Home aspirin use is not associated with improved clinical outcomes or revascularization rates after mechanical thrombectomy for large vessels occlusions: a single institutional study of 246 consecutive patients. 2018 Congress of Neurological Surgeons.
- 2018 Elsamadicy AA, Chouairi F, Freedman IG, Mercier MR, Lynn A, Lee M, Cord B, Hebert R, **Falcone GJ**, Petersen N, Sheth KN, Sansing L, Malhotra A, Schindler J, Matouk C. Relationship between driving distance and clinical outcome after mechanical thrombectomy for large vessel occlusions: a single institutional study of 246 consecutive patients. 2018 Congress of Neurological Surgeons.
- 2018 Chouairi F, Elsamadicy AA, Freedman IG, Koo A, Mercier MR, Lynn A, Lee M, Cord B, Hebert R, **Falcone GJ**, Petersen N, Sheth KN, Sansing L, Malhotra A, Schindler J, Matouk C. Gender differences in large vessel occlusions do not impact clinical outcomes after mechanical thrombectomy: a single institutional study of 246 consecutive patients. 2018 Congress of Neurological Surgeons.
- 2018 Elsamadicy AA, Chouairi F, Freedman IG, Mercier MR, Lynn A, Lee M, Cord B, Hebert R, **Falcone GJ**, Petersen N, Sheth KN, Sansing L, Malhotra A, Schindler J, Matouk C. Association between time from last known normal to revascularization and 90-day mRS after mechanical thrombectomy for large vessel occlusions: does time matter for thrombectomy? 2018 Congress of Neurological Surgeons.
- 2018 Elsamadicy AA, Koo AA, Freedman IG, Chouairi F, Lee M, Long A, Cord B, Malhotra A, Sheth K,N, **Falcone GJ**, Petersen N, Hebert R, Matouk C. Clipping is associated with longer length in hospital stay for treatment of unruptured cerebral aneurysms. 2018 Congress of Neurological Surgeons.
- 2018 Koo AA, Elsamadicy AA, Freedman IG, Chouairi F, Lee M, Long A, Cord B, Malhotra A, Sheth KN, **Falcone GJ**, Petersen N, Hebert R, Matouk C. Differences in length of hospital stay, discharge disposition, and total costs between coiling versus clipping for ruptured aneurysms. 2018 Congress of Neurological Surgeons.
- 2018 Koo AA, Elsamadicy AA, Freedman IG, Chouairi F, Lee M, Long A, Cord B, Malhotra A, Sheth KN, **Falcone GJ**, Petersen N, Hebert R, Matouk C. Gender does not predict discharge disposition after treatment intervention for unruptured cerebral aneurysms: a study of the National Inpatient Sample. 2018 Congress of Neurological Surgeons.
- 2018 Elsamadicy AA, Koo AA, Freedman IG, Chouairi F, Lee M, Long A, Cord B, Malhotra A, Sheth KN, **Falcone GJ**, Petersen N, Hebert R, Matouk C. Race is an independent predictor of discharge disposition after treatment intervention for unruptured cerebral aneurysms: a study of the National Inpatient Sample. 2018 Congress of Neurological Surgeons.
- 2018 Santarosa C, Koo AA, Elsamadicy AA, Lichtman T, Sommaruga S, Cord B, Hebert R, Petersen N, **Falcone GJ**, Sheth KN, Schindler J, Matouk C. Total plaque volume, not percentage stenosis, is associated with stroke size in patients symptomatic carotid disease. 2018 Congress of Neurological Surgeons.
- 2017 Crawford K, Kourkoulis C, Miyares L, Burt N, Flannick J, Hall JL, Rosand J, **Falcone GJ**. The Cerebrovascular Disease Knowledge Portal: an Open Access Data Resource to Accelerate Genomic Discoveries in Stroke. 2017 Neurocritical Care Society Meeting.
- 2017 Chu SY, Sommaruga S, Hwang D, Dearborn J, Sansing L, Matouk C, Samarth G, Petersen N, Gilmore E, Schindler J, Sheth KN, **Falcone GJ**. Thrombolysis in Patients with Prior History of Intracranial Hemorrhage. 2017 Neurocritical Care Society Meeting.
- 2017 Sommaruga S, Cord C, Molhotra A, Johnson M, Minja FJ, Gunel M, Sheth K, Herbert R, **Falcone GJ**, et al. Predictors of Vessel Wall Enhancement in Unruptured Intracranial Aneurysms. 2017 Neurocritical Care Society Meeting.
- 2017 Leasure AC, Steinschneider AF, **Falcone GJ**, et al. Characterization of Deep, Supratentorial Intracerebral Hemorrhage in the Ethnic/Racial Variations of ICH Study. 2017 Neurocritical Care Society Meeting.

- 2017 Stretz C, Ghoshal S, Marcolini E, Hwang DY, Petersen NH, Schindler JL, Sheth KN, **Falcone GJ**, Gilmore EJ. The Neurointensivists' Role in Management of Cerebral Venous Sinus Thrombosis. 2017 Neurocritical Care Society Meeting.
- 2014 **Falcone GJ** et al. Lipid-Related Genetic Variation is Associated with Risk of Intracerebral Hemorrhage. 2014 MGH Clinical Research Day.
- 2014 Brouwers HB, Battey TWK, Ciura VA, **Falcone GJ** et al. Rate of contrast extravasation on CT angiography predicts haematoma expansion and mortality in primary intracerebral hemorrhage. 2014 European Stroke Conference.
- 2014 Rannikmaa K, Davies G, Thomson P, Devan W, Bevan S, Traylor M, **Falcone GJ**, et al. The contribution of variants in collagen IV genes to common cerebrovascular phenotype. 2014 European Stroke Conference.
- 2014 Radmanesh F, **Falcone GJ**, et al. Predictors of the CT Angiography Spot Sign in Deep and Lobar Intracerebral Hemorrhage. 2014 International Stroke Conference.
- 2014 **Falcone GJ** et al. APOE Variants are Associated with Increased Risk of Warfarin-Related Intracerebral Hemorrhage. 2014 International Stroke Conference.
- 2013 Raffeld M, Brouwers HB, van Nieuwenhuizen KM, **Falcone GJ** et al. CT Angiography Spot Sign Predicts Intra-operative Bleeding in Primary Intracerebral Hemorrhage. 2013 MGH Clinical Research Day.
- 2013 Radmanesh F, Devan W, Rosand J, Anderson CD, **Falcone GJ**. Accuracy of Imputation to Infer Unobserved APOE Epsilon Alleles in Genome-Wide Genotyping Data. 2013 MGH Clinical Research Day.
- 2013 **Falcone GJ** et al. Meta-Analysis of Genome-Wide Association Studies Identifies Two New Susceptibility Loci for Intracerebral Hemorrhage and Demonstrates Genetic Contribution to Cerebral Small Vessel Disease. 2013 MGH Clinical Research Day.
- 2013 **Falcone GJ** et al. APOE Variants are Associated with Increased Risk of Warfarin-Related Intracerebral Hemorrhage. Poster presentation. 2013 MGH Clinical Research Day. Neurology Award – Best original research.
- 2013 **Falcone GJ** et al. Meta-analysis of genome-wide association studies identifies three new susceptibility loci for intracerebral hemorrhage. 2013 American Society of Human Genetics Annual Meeting.
- 2013 Brouwers HB, Raffeld MR, **Falcone GJ**. CT Angiography Spot Sign Predicts Perioperative Bleeding in Primary Intracerebral Hemorrhage. 2013 European Stroke Conference.
- 2013 Brouwers HB, Chang Y, **Falcone GJ** et al. A Prediction Score for Hematoma Expansion Following Acute Intracerebral Hemorrhage. 2013 European Stroke Conference.
- 2013 **Falcone GJ** et al. Predictors of Hematoma Volume in Primary Infratentorial Intracerebral Hemorrhage. 2013 European Stroke Conference.
- 2013 H. B Brouwers; Yuchiao Chang; Guido J Falcone; et al. A Prediction Score for Hematoma Expansion Following Acute Intracerebral Hemorrhage. 2013 International Stroke Conference.
- 2013 H. B. Brouwers; Miriam R Raffeld; Guido J Falcone; et al. CT Angiography Spot Sign Predicts Perioperative Bleeding in Primary Intracerebral Hemorrhage. 2013 International Stroke Conference.
- 2013 **Falcone GJ** et al. Determinants of Hematoma Volume Differ by Location in Supratentorial Intracerebral Hemorrhage. 2013 International Stroke Conference.
- 2008 **Falcone GJ** et al. Clinical presentation, treatment, and outcome of 131 patients with cerebral artery dissection. 2008 Annual Meeting of the American Academy of Neurology. Selected for clinical practice scientific topic highlights session.
- 2008 **Falcone GJ** et al. Transesophageal echocardiography findings assist in the management of stroke patients. International Stroke Conference 2008.

Professional Service

Peer Review Groups/Grant Study Sections

- 2020 Grant reviewer, NIH BINP Study section, Early Career Reviewer (ECR) Program.
- 2019 Topic chair, Neurocritical Care, American Academy of Neurology Annual Meeting.
- 2019 Grant reviewer, American Heart Association, Institute for Precision Cardiovascular Medicine, Data Science Study Section.

- 2019 Grant reviewer, American Heart Association, Institute for Precision Cardiovascular Medicine, Discovery Science Study Section.
- 2019 Abstract reviewer, community risk factors category, International Stroke Conference.
- 2019 Abstract reviewer, Neurocritical Care Society Annual Meeting.
- 2019 Abstract reviewer, International Stroke Genetics Consortium Annual Meeting.
- 2018 Topic chair, neurocritical care, American Academy of Neurology Annual Meeting.
- 2018 Abstract reviewer, neurocritical care, American Academy of Neurology Annual Meeting.
- 2018 Abstract reviewer, community risk factors category, International Stroke Conference.
- 2018 Grant reviewer, European Research Council.
- 2018 Grant reviewer, Human Heredity and Health in Africa, the African Academy of Sciences.
- 2017 Abstract reviewer, cerebrovascular disease, American Academy of Neurology Annual Meeting.
- 2017 Abstract reviewer, community risk factors category, International Stroke Conference.
- 2016 Abstract reviewer, International Stroke Genomics Consortium Meeting.
- 2016 Abstract reviewer, epidemiology section, American Heart Association's Scientific Sessions.

Journal Service

- 2019- Associate Editor for Stroke, *Frontiers in Neurology*.
- 2010- Ad hoc reviewer for: *JAMA Neurology*, *British Medical Journal*, *Annals of Neurology*, *Neurology*, *Stroke*, *Journal of Stroke and Cerebrovascular Diseases*, *Cerebrovascular Diseases*, *Journal of Hypertension*, *Gene*, *Diabetes*, and *Heart Asia*.

Professional Service for Professional Organizations

- 2019- Chair, intracerebral hemorrhage working group, International Stroke Genomics Consortium.
- 2019- Chair, science Sub-Committee, Neurocritical Care Society Annual Conference.
- 2016- Co-chair, Yale Neurocritical Care Longitudinal Study and Biobank.
- 2016- Co-chair, operations committee, *Platform for accelerated genetic discovery in cerebrovascular diseases*, International Stroke Genetics Consortium.
- 2016- Member, science Committee, Neurocritical Care Society.
- 2016-2018 Member, science Sub-Committee, Neurocritical Care Society Annual Conference.
- 2016-2018 Steering committee member, International Stroke Genomics Consortium.
- 2011-2019 Member, intracerebral hemorrhage working group, International Stroke Genomics Consortium.

Public Service

- 2004-2009 Group of Neurologists in Training, founding member, Argentine Neurological Association. The first group of its kind in Argentina, its mission is to create professional opportunities by providing a forum where neurology residents from around the country can exchange ideas and experiences.
- 1996-1998 Solidarity Action Projects, founding member, NGO Initiative Foundation. Endeavor designed to reach out to children attending rural schools in the Argentine Patagonia, aimed to provide education on relevant Public Health issues like preventable infectious diseases and unplanned pregnancy.

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Peer-Reviewed Original Research

1. Fondell E, O'Reilly EJ, Fitzgerald KC, **Falcone GJ**, McCullough ML, Thun MJ, Park Y, Kolonel LN, Ascherio A. Non-steroidal anti-inflammatory drugs and amyotrophic lateral sclerosis: results from five prospective cohort studies. *Amyotroph Lateral Scler*. 2012 Oct;13(6):573-9.
2. Brouwers HB, **Falcone GJ**, McNamara KA, Ayres AM, Oleinik A, Schwab K, Romero JM, Viswanathan A, Greenberg SM, Rosand J, Goldstein JN. CTA spot sign predicts hematoma expansion in patients with delayed presentation after intracerebral hemorrhage. *Neurocrit Care*. 2012 Dec;17(3):421-8.
3. **Falcone GJ**, Biffi A, Devan WJ, Jagiella JM, Schmidt H, Kissela B, Hansen BM, Jimenez-Conde J, Giralt-Steinhauer E, Elosua R, Cuadrado-Godia E, Soriano C, Ayres AM, Schwab K, Pera J, Urbanik A, Rost NS, Goldstein JN, Viswanathan A, Pichler A, Enzinger C, Norrving B, Tirschwell DL, Selim M, Brown DL, Silliman SL, Worrall BB, Meschia JF, Kidwell CS, Montaner J, Fernandez-Cadenas I, Delgado P, Broderick JP, Greenberg SM, Roquer J, Lindgren A, Slowik A, Schmidt R, Flaherty ML, Kleindorfer DO, Langefeld

- CD, Woo D, Rosand J; International Stroke Genetics Consortium. Burden of risk alleles for hypertension increases risk of intracerebral hemorrhage. *Stroke*. 2012 Nov;43(11):2877-83.
4. Battey TW, **Falcone GJ**, Ayres AM, Schwab K, Viswanathan A, McNamara KA, DiPucchio ZY, Greenberg SM, Sheth KN, Goldstein JN, Rosand J. Confounding by indication in retrospective studies of intracerebral hemorrhage: antiepileptic treatment and mortality. *Neurocrit Care*. 2012 Dec;17(3):361-6.
 5. O'Reilly EJ, Wang H, Weisskopf MG, Fitzgerald KC, **Falcone GJ**, McCullough ML, Thun M, Park Y, Kolonel LN, Ascherio A. Premorbid body mass index and risk of amyotrophic lateral sclerosis. *Amyotroph Lateral Scler Frontotemporal Degener*. 2013 Apr;14(3):205-11.
 6. **Falcone GJ**, Biffi A, Devan WJ, Brouwers HB, Anderson CD, Valant V, Ayres AM, Schwab K, Rost NS, Goldstein JN, Viswanathan A, Greenberg SM, Selim M, Meschia JF, Brown DL, Worrall BB, Silliman SL, Tirschwell DL, Rosand J; GOCHA Investigators. Burden of blood pressure-related alleles is associated with larger hematoma volume and worse outcome in intracerebral hemorrhage. *Stroke*. 2013 Feb;44(2):321-6.
 7. Fitzgerald KC, O'Reilly EJ, Fondell E, **Falcone GJ**, McCullough ML, Park Y, Kolonel LN, Ascherio A. Intakes of vitamin C and carotenoids and risk of amyotrophic lateral sclerosis: pooled results from 5 cohort studies. *Ann Neurol*. 2013 Feb;73(2):236-45.
 8. Devan WJ, **Falcone GJ**, Anderson CD, Jagiella JM, Schmidt H, Hansen BM, Jimenez-Conde J, Giralt-Steinhauer E, Cuadrado-Godia E, Soriano C, Ayres AM, Schwab K, Kassis SB, Valant V, Pera J, Urbanik A, Viswanathan A, Rost NS, Goldstein JN, Freudenberger P, Stögerer EM, Norrving B, Tirschwell DL, Selim M, Brown DL, Silliman SL, Worrall BB, Meschia JF, Kidwell CS, Montaner J, Fernandez-Cadenas I, Delgado P, Greenberg SM, Roquer J, Lindgren A, Slowik A, Schmidt R, Woo D, Rosand J, Biffi A; International Stroke Genetics Consortium. Heritability estimates identify a substantial genetic contribution to risk and outcome of intracerebral hemorrhage. *Stroke*. 2013 Jun;44(6):1578-83.
 9. Adib-Samii P, Rost N, Traylor M, Devan W, Biffi A, Lanfranconi S, Fitzpatrick K, Bevan S, Kanakis A, Valant V, Gschwendtner A, Malik R, Richie A, Gamble D, Segal H, Parati EA, Ciusani E, Holliday EG, Maguire J, Wardlaw J, Worrall B, Bis J, Wiggins KL, Longstreth W, Kittner SJ, Cheng YC, Mosley T, **Falcone GJ**, Furie KL, Leiva-Salinas C, Lau BC, Saleem Khan M; Australian Stroke Genetics Collaborative; Wellcome Trust Case-Control Consortium-2 (WTCCC2); METASTROKE, Sharma P, Fornage M, Mitchell BD, Psaty BM, Sudlow C, Levi C, Boncoraglio GB, Rothwell PM, Meschia J, Dichgans M, Rosand J, Markus HS; International Stroke Genetics Consortium. 17q25 Locus is associated with white matter hyperintensity volume in ischemic stroke, but not with lacunar stroke status. *Stroke*. 2013 Jun;44(6):1609-15
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 11. **Falcone GJ**, Biffi A, Brouwers HB, Anderson CD, Battey TW, Ayres AM, Vashkevich A, Schwab K, Rost NS, Goldstein JN, Viswanathan A, Greenberg SM, Rosand J. Predictors of hematoma volume in deep and lobar supratentorial intracerebral hemorrhage. *JAMA Neurol*. 2013 Aug;70(8):988-94.
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17. Radmanesh F, Devan WJ, Anderson CD, Rosand J, **Falcone GJ**; Alzheimer's Disease Neuroimaging Initiative (ADNI). Accuracy of imputation to infer unobserved APOE epsilon alleles in genome-wide genotyping data. *Eur J Hum Genet*. 2014 Oct;22(10):1239-42
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