



American Neurological Association

Research Careers Reimagined (RCR)
Course for Clinician-Scientists

Saturday, September 9
Philadelphia Marriott Downtown
Philadelphia, PA



Careers Reimagined (RCR) Course for Clinician-Scientists

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THANK YOU TO OUR SPONSOR!

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ABOUT THE ANA

The American Neurological Association is a professional society of academic neurologists and neuroscientists devoted to advancing the goals of academic neurology; to training and educating neurologists and other physicians in the neurologic sciences; to expanding both our understanding of diseases of the nervous system and our ability to treat them.

BENEFITS OF MEMBERSHIP

[The Annual Meeting](#), held in the fall, is the premier conference for late-breaking research and networking in academic neurology. The meeting convenes thousands of the nation's top academic neurologists and neuroscientists to share research on a broad spectrum of specialties and diseases. From carefully created scientific symposia, well-attended interactive lunch workshops, poster sessions, and career development programs with practical tips on applying for grants, the Annual Meeting offers a wealth of opportunities for fellows, residents, graduate students, and postdocs. ANA members receive discounts on registration and abstract submissions and can receive a travel award or poster prize.

Highly ranked professional journals. The ANA's scientific journals, [Annals of Neurology](#) and the online [Annals of Clinical and Translational Neurology](#) (ACTN) both consistently receive high-ranking impact factors. All members receive complimentary access to these journals, as well as discounted rates for submitting research to ACTN. In addition, ANA and Wiley continue to publish InterACTN— online patient cases to sharpen your clinical skills through expert feedback.

OnDEC, the ANA's On Demand Education Center. OnDEC allows you to earn **AMA PRA Category I Credit(s)**[™] anywhere, from any device by giving you access to recordings from the ANA Annual Meeting, the Translational and Clinical Research course, and other ANA educational offerings. Discounts are available for members and by bundling this feature with Annual Meeting registration; ANA members receive the biennial Translational and Clinical Research course for free.

Career guidance. Career development programs at the Annual Meeting help neurologists at all career levels connect and excel. The Translational and Clinical Research Course, held at the Annual Meeting, offers selected research fellows, residents, and junior faculty strategies for developing effective research grant proposals and advancing in academic neurology.

Mentoring. [MentorLink](#) is the ANA's online mentorship platform available only to members. MentorLink connects ANA members at different career stages with similar research interests to share ideas and professional advice.

Scholarships. The [International Outreach Scholarship](#) funds two neurologists in training each year to pursue their interests in global neurology by working in a low to lower-middle income country for a minimum of six weeks.

Awards. Members are eligible for ANA awards recognizing outstanding work in academic neurology, including the [Derek Denny-Brown Young Neurological Scholar Award](#), the [Distinguished Neurology Teacher Award](#), [The Grass Foundation - ANA Award in Neuroscience](#), and the [Raymond D. Adams Lectureship](#).

The ANA Memory Bank. Launched in 2017, [the online archive of the ANA](#) houses thousands of historical documents and images related to the dynamic history of academic neurology and neuroscience. Available free to members, the Memory Bank offers a window into the individuals and moments that shaped the history of the ANA and influenced science, ranging from minutes of early ANA meetings to images of renowned neurologists at work.

ANA Communications. Members receive a monthly newsletter that features messages from the ANA president, research highlights from ANA's peer-reviewed journals, and the latest ANA news and opportunities. The ANA's social media channels keep followers up to date on the latest news in academic neurology and neuroscience and the ANA.

The [ANA Career Center](#) makes it simple to find open positions in academic neurology at prominent institutions across the country. With dozens of job postings ranging from entry-level to department chair, the ANA Career Center will help you advance in the field.

[ANA Investigates: A Podcast Series.](#) Each month, during these 15-20 minute episodes, we'll delve into topics such as implicit bias in the workplace & patient care, designing and implementing a global teleneurology program, unbiased metagenomic next-generation sequencing for the diagnosis of CNS infection / inflammatory

conditions, neurovirology, functional neuroimaging of functional movement disorders, and more! You can subscribe to the podcast on Apple, Google, Spotify, or listen right here on MyANA

ANA Highlights: Bite Size Learning is the new craze in online education. The ANA Education Innovation Subcommittee is excited to announce the launch of an ANA Bite Size Learning program in 2020. ANA members are offered the opportunity to claim **AMA PRA Category 1 Credits™** for eligible modules.

Members can claim Continuing Medical Education (CME) credits for watching **ANA Webinars**. Eligible episodes are designated for **AMA PRA Category 1 Credits™**

RESIDENT AND JUNIOR FACULTY RESOURCES

It is the goal of the American Neurological Association (ANA) to provide a comprehensive collection of career development resources, mentoring, job opportunities and membership to academic neurologists and neuroscientists at all career stages including medical students, residents, junior and senior faculty. We strongly encourage you to visit the ANA website at www.myana.org for more information.

ACCREDITATION & DESIGNATION STATEMENT(S)

The American Neurological Association is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American Neurological Association designates this live activity for a maximum of **7 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Completion of this accredited CME activity meets the expectations of an Accredited Safety or Quality Improvement Program (IA_PSPA_28) for the Merit-based Incentive Payment Program (MIPS).

Instructions for Obtaining CME

Following the event, you will receive access to the evaluation. Please complete the online evaluation by **Friday, November 3, 2023** to obtain CME credit. You will be provided with a certificate after completing the evaluation.

If you have any questions, please contact the ANA Meeting Coordinator at: meetings@myana.org.

Financial Disclosure Statements

The planners and faculty for this activity do not have any relationships to disclose unless listed on the ANA2023 website. Any relevant relationships with ACCME-defined ineligible companies are mitigated according to ACCME Standards prior to the start of the activity.

Disclosure Statements are available on the program website: <https://2023.myana.org/research-careers-reimagined-rcr-course>



2023 Research Careers Reimagined (RCR) Course Agenda

All times are EST (Philadelphia Time)

SATURDAY, SEPTEMBER 9, 2023

Course Moderators:

Laura J. Balcer, MD, MSCE, RCR 2023 Director; Professor of Neurology, Population Health and Ophthalmology; Vice Chair, Neurology, New York University Grossman School of Medicine

Craig D. Blackstone, MD, PhD, RCR 2023 Co-Director; Professor of Neurology, Harvard Medical School; Chief, Movement Disorders Division, Massachusetts General Hospital

8:00 AM – 8:15 AM

Welcome and Introduction

8:15 AM – 8:40 AM

Accessing NIH Funding to Advance Treatments for Neurological Disorders

Walter J. Koroshetz, MD, Director, National Institute of Neurological Disorders and Stroke (NINDS), National Institutes of Health (NIH)

8:40 AM – 9:00 AM

Perspective: Research Careers Reimagined, Updated for 2023

Frances E. Jensen, MD, Arthur Knight Asbury, MD, Professor in Neurology; Chair, Neurology Department, University of Pennsylvania School of Medicine

9:00 AM – 9:25 AM

Flexibility and Mentoring in Early Career Research: Navigating Promotion Pathways and Doing What You Enjoy Most

Craig D. Blackstone, MD, PhD, RCR 2023 Co-Director; Professor of Neurology, Harvard Medical School; Chief, Movement Disorders Division, Massachusetts General Hospital

SATURDAY, SEPTEMBER 9, 2023, Continued

9:25 AM – 9:50 AM

Treatments and Guidelines: Paths to Application

Jacqueline A. French, MD, Professor of Neurology; Director, Translational Research and Clinical Trials in Epilepsy, New York University Grossman School of Medicine

9:50 AM – 10:15 AM

Starting and Developing a Successful Career as A Clinical Trialist: Art and Science Behind Investigator- and Industry-Initiated Studies

Brian L. Edlow, MD, Neurocritical Care Faculty, Massachusetts General Hospital; Associate Professor of Neurology, Harvard Medical School

10:15 AM – 10:35 AM

Panel Discussion and Q&A

10:35 AM – 11:00 AM

Coffee Break and Networking

11:00 AM – 11:25 AM

Life and Investigation in Industry

Michael Panzara, MD, MPH, Chief Medical Officer, Neurvata Neurosciences

11:25 AM – 11:45 AM

Discussion and Q&A

11:45 AM – 12:30 PM

Networking Lunch

12:30 PM – 12:55 PM

Collaborations with Industry: How Do Start-Up Companies and Intellectual Property Principles Fit Into Academic Research?

Sadhana Chitale, Senior Director of Life Sciences/ Technology, New York University Grossman School of Medicine; Board Member, Association of University Technology Managers (AUTM)

12:55 PM – 1:20 PM

CTSA Resources to Support Clinical and Translational Research

Anthony S. Kim, MD, MAS, Associate Professor of Neurology, UCSF Weill Institute for Neurosciences; Medical Director, UCSF Stroke Center; Director, Biostatistics & Study Design, CTSI, University of California, San Francisco

SATURDAY, SEPTEMBER 9, 2023, Continued

1:20 PM – 1:45 PM

Early Career Transitions

Justin C. McArthur, MBBS, MPH, Director, Department of Neurology; Professor of Neurology, Johns Hopkins University School of Medicine

1:45 PM – 2:10 PM

Philanthropic Support as a Catalyst for Early Careers: Partnering with Your Development Office

Heather MacLean, Senior Director, Office of Development and Alumni Affairs, New York University Grossman School of Medicine

2:10 PM – 2:30 PM

Panel Discussion and Q&A

2:30 PM – 2:55 PM

Coffee Break and Networking

2:55 PM – 3:20 PM

Artificial Intelligence in Research and Writing: How It Works, But Why We Still Need You!

Rachel Kenney, PhD, Assistant Professor of Neurology and Population Health, New York University Grossman School of Medicine

3:20 PM – 3:45 PM

Inside Academic Publishing: Your Manuscript from Submission to Publication

Cathy, Krendel, Wiley Journal Management/ Editorial Team

3:45 PM – 4:10 PM

Getting Your Publications, Projects and Collaborations Out There: Style Points for Social Media

Aaron Nelson, MD, Associate Professor, Department of Neurology; Director, Epilepsy, Bellevue Hospital Center; Director, Pediatric Neurology Residency Program, New York University School of Medicine

4:10 PM – 4:30 PM

Panel Discussion and Q&A

4:30 PM

Closing Remarks and Adjourn



2023 RESEARCH CAREERS REIMAGINED COURSE ATTENDEES

Registration Name	Institution
Adys Mendizabal, MD, MS	University of California
Aishwarya Ganesh, MBBS	Sri Ramachandra Institute of Higher Education and Research
Alex Simpson, MD, MA	Johns Hopkins University School of Medicine
Anthony Linares, MD, PhD	UCLA
Arianna Giebink, MD	Temple University School of Medicine
Bhaskar Roy, MD	Yale School of Medicine
Carl Wilhelm, PhD	Novo Nordisk
Christoph Stretz, MD	Brown University
Courtney Lane-Donovan, MD, PhD	University of California, San Francisco
Deborah K Rose, MD	Loyola University Chicago Stritch School of Medicine
Deepak Kalra, MD, MPH, PhD	University of California San Francisco
Derek P Narendra, MD, PhD	National Institutes of Health
Dominique Low, MD, MPH	Boston Medical Center
Ece Bayram, MD, PhD	University of California, San Diego
Eliezer Masliah, MD	NIH - NIA
Eric Kaiser, MD, PhD	University of Pennsylvania
Erum Khan, MBBS	B.J. Medical College
Esteban Luna, MD, PHD	University of Pennsylvania
Feilin Liu, MD	Mayo Clinic, Jacksonville FL
Gelareh Ahmadi, MD, PhD	Johns Hopkins University School of Medicine
GEORGIA MINAKAKI, PhD	Northwestern University, Feinberg School of Medicine
Goun Je, MD, PhD	University of Massachusetts Medical School
Han Tong, MBBS, PhD	Rush University Medical Center

Hanalise V. Huff, MD, MPH	National Institutes of Health
Holly Elser, MD, PhD	Hospital of the University of Pennsylvania
Hsin-Pin Lin, MD, PhD	National Institutes of Health
Imama Naqvi, MD	Columbia University
James Giles, MB ChB, PhD	Washington University in St. Louis
James J Gugger, Jr., MD, PharmD	University of Pennsylvania
Kaancan Deniz, MD	University of Iowa Hospitals and Clinics
Kevin Pacheco-Barrios, MD, MSc, MPH	Universidad San Ignacio de Loyola
Kimystian Harrison, MD	Washington University in St. Louis
Lauren Reoma, MD	National Institute of Neurological Disorders and Stroke
Liqi Shu, MD	Brown University
Mansoureh Mamarabadi, MD	Penn State Health
Mehmet Cihan Kadipasaoglu, MD, PhD	Houston Methodist
Methasit Jaisa-aad, MD	Massachusetts General Hospital
Michael Guo, MD, PhD	University of Pennsylvania
Mihir Kakara, MD	University of Pennsylvania
Mohammad Andalibi, MD	University of California, San Diego
Nabeel A Herial, MD, MPH	Thomas Jefferson University
Neelroop Parikshak, MD, PhD	Regeneron Genetics Center
Nihal Satyadev, MD, MPH	University of Medicine and Health Sciences
NSSER AHMED ABDELALL, B.Med.Sc, M.D.	LSU HSC
Preeti Singh Chauhan, Ph.D	Children's Hospital of Philadelphia
Priscilla Abrafi Opore-Addo, MD	Komfo Anokye Teaching Hospital
Qing Hao, MD	Icahn School of Medicine at Mount Sinai
Quoc Bao Nguyen, MD	Lincoln Medical Center
Ragha Chaitanya Sakuru, MD	UMMC
Ruby Ross	NYU Langone
Sachin Gadani, MD PhD	Johns Hopkins Hospital
Sanjeev Vaishnavi, MD, PhD	University of Pennsylvania
Sanjula Singh, MD PhD MSc	Harvard Medical School

Sara Hyman, BA, BS	New York University
Shima Shahjouei, MD	Penn State Health
Shirin Jamal Omid, MD	UTHSC at Houston
Shirin Sadeghpour, MD	Johns Hopkins University School of Medicine
Sonya Ulrike Steele, M.D., M.Sc.	Johns Hopkins University School of Medicine
Soroush Kakawand, M.D. MSc.	University of Oklahoma Health Sciences Center
Sung Ji, MD, PhD	University of Washington
Swathy Chandrashekhar, MD	University of Oklahoma
William Hayward, MD, PhD	National Institute of Neurological Disorders and Stroke
Yedda Li, MD, PhD	Massachusetts General Hospital
Zoe Arvanitakis, MD, MS, EMBA	Rush University

SPEAKER BIOGRAPHIES

Laura Balcer, MD, MSCE, FANA

New York University School of Medicine

laura.balcer@nyulangone.org



Laura J. Balcer, MD, MSCE, is a neurologist and epidemiologist at the NYU School of Medicine. Dr. Balcer and her colleagues, Drs. Steven Galetta and Philip K. Moskowitz Professor and Chair of Neurology, lead national collaborative clinical and research efforts in the neuro-ophthalmology of multiple sclerosis (MS) and concussion. One important central theme to the team's research program has been the mentoring of trainees at all levels, with nearly all achieving publication and presentation of their resulting work. During the past 20 years, Dr. Balcer has served as a primary mentor for greater than 80 trainees, many of whom have received awards for their projects and presentations. At NYU, Dr. Balcer leads the faculty mentoring program, the Neurology Department's K-Club (for current and future K- awardees), and the Patient-Oriented Research Curriculum for residents.

Craig Blackstone, MD, PhD

Massachusetts General Hospital, Harvard Medical School

cblackstone@mgh.harvard.edu



Craig Blackstone is Chief of the Movement Disorders Division at Massachusetts General Hospital and Professor of Neurology at Harvard Medical School, where his research group investigates the cellular and molecular mechanisms underlying hereditary movement disorders. Previously, he was a Senior Investigator in the Intramural Research Program of the National Institute of Neurological Disorders and Stroke for nearly two decades. He is an elected member of the American Society for Clinical Investigation, Association of American Physicians, and National Academy of Medicine as well as an elected Fellow and former Vice President of the American Neurological Association (ANA). He has held numerous other leadership positions in the ANA, including on its Executive Council, Education Innovation Committee, Nominations Committee, Professional Development Committee, Translational and Clinical Research Course Committee, and Web Governance Committee.

Sadhana Chitale, PhD, MBA

New York University Grossman School of Medicine

Sadhana.Chitale@nyulangone.org



Sadhana Chitale is the Senior Director for Life Sciences Technology Transfer with Technology Opportunities and Ventures at New York University. Her role involves devising and executing marketing strategies and business development campaigns, negotiating and closing business deals, facilitating startup formation and growth, cultivating internal and external relationships and alliances, and mentoring cross-functional teams. She is on the Board of the Association of University Technology Managers. She is a Certified Licensing Professional and a registered patent agent. She has published extensively on technology transfer matters. Sadhana has a PhD from University of Mumbai and an MBA from the University of Pittsburgh.

Brian L. Edlow, MD

Massachusetts General Hospital

BEDLOW@mgh.harvard.edu

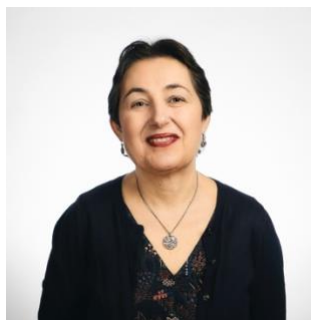


Dr. Edlow received his B.A. from Princeton University and M.D. from the University of Pennsylvania School of Medicine. He completed an internal medicine internship at Brigham and Women's Hospital, followed by neurology residency and neurocritical care fellowship at Massachusetts General and Brigham and Women's Hospitals. He is currently a critical care neurologist at Massachusetts General Hospital, where he is Associate Professor of Neurology, Director of the Laboratory for Neuroimaging of Coma and Consciousness, and Associate Director of the Center for Neurotechnology and Neurorecovery. Dr. Edlow's research focuses on detecting consciousness, predicting outcomes, and developing new therapies for patients with severe traumatic brain injury. His lab's work has been continuously funded since 2010 by grants from the NIH, DOD, and multiple foundations. He is the recipient of the 2019 NIH Director's New Innovator Award, the 2022 ANA Derek Denny-Brown Young Neurological Scholar Award, and the 2023 Chen Institute MGH Research Scholar Award. Dr. Edlow serves on the Scientific Advisory Board of the Neurocritical Care Society's Curing Coma Campaign, the Editorial Board of the Journal of Neurotrauma, and is Co-Chair of the NINDS Common Data Elements Project on Disorders of Consciousness. He also serves as the Principal Investigator of the DOD-funded ReBlast study, which aims to identify diagnostic biomarkers of blast-induced brain injury in United States Special Operations Forces.

Jacqueline French, MD, FANA

New York University School of Medicine

Jacqueline.French@nyulangone.org



Jacqueline French is a professor of Neurology in the Comprehensive Epilepsy Center at NYU Grossman School of Medicine and Founder/Director of the Epilepsy Study Consortium, an academic group that has performed a number of early phase epilepsy trials. Dr. French trained in Neurology at Mount Sinai Hospital in New York, and did her fellowship at Mount Sinai hospital and Yale University. Dr. French serves as the Chief Medical/Innovation Officer of the Epilepsy Foundation. She is the past president of the American Epilepsy Society. She has authored over 300 articles and chapters, and lectures internationally on use of antiseizure medicines.

Frances E. Jensen, MD, FANA

The University of Pennsylvania

Frances.Jensen@pennmedicine.upenn.edu



Dr. Jensen is Professor of Neurology and Chairman of Neurology at the Perelman School of Medicine, University of Pennsylvania, and Co-Director of Penn Translational Neuroscience Center. She was formerly Professor of Neurology, Harvard Medical School, Director of Translational Neuroscience and senior neurologist at Boston Children’s Hospital and Brigham and Women’s Hospital. After receiving her AB from Smith College and her MD from Cornell Medical College, she obtained her neurology residency training at the Harvard Longwood Neurology Residency Program. Her research focuses on mechanisms of epilepsy and stroke, and the mechanistic interaction of epilepsy with other disorders such as autism and dementia, with specific emphasis on elucidating new therapies for clinical trials development. Dr. Jensen received the 2007 Director’s Pioneer Award from the NIH to explore the interaction between epileptogenesis and cognitive dysfunction and was elected as a member of the National Academy of Medicine in 2015. She has authored over 150 manuscripts on subjects related to her research and has been continuously funded by NIH since 1987 and received a NIH-NINDS Javits Award in 2020. Dr. Jensen has trained numerous clinical and basic research fellows who now hold independent faculty positions nationally and internationally. Dr. Jensen is currently President of the American Neurological Association (2020-2022) and was President of the American Epilepsy Society in 2012. She has served on multiple leadership boards including Society for Neuroscience and NIH. Dr. Jensen is a Trustee of the Franklin Institute in Philadelphia and is involved in community outreach for brain research and education. In addition, Dr. Jensen is an advocate for awareness of the adolescent brain development, its unique strengths, and vulnerabilities, as well as their impact on medical, social, and educational issues unique to teenagers and young adults, and author of the book “The Teenage Brain”, released by Harper Collins in 2015/16, translated and published in over 25 languages worldwide.

Rachel Kenney, PhD

Vanderbilt University Medical Center

rachel.kenney@vumc.org



Dr. Kenney's primary research focus is on global epidemiological studies, including using machine learning applied to big data such as radiological images and electronic health records. Dr. Kenney's main research involves studying the anterior visual pathway in demyelinating diseases, such as multiple sclerosis (MS) and neuromyelitis optica. These studies have involved validating optical coherence tomography retinal images and vision-related data for use in the diagnostic criteria for MS and optic neuritis. Dr. Kenney's research includes application of machine learning to various disease processes and studying the visual system in other diseases affecting the neurological system, including Alzheimer's, Parkinson's, and COVID-19.

Anthony Kim, MD, MAS, FANA

University of California, San Francisco

anthony.kim@ucsf.edu



Dr. Kim is an associate professor of neurology at the University of California, San Francisco (UCSF) where he is the Erich Fried Endowed Professor of Vascular Neuroscience. He leads ongoing quality improvement and clinical innovation efforts as medical director of the UCSF Comprehensive Stroke Center and is Director of Consultation Services for the UCSF Clinical and Translational Science Institute.

Walter Koroshetz, MD

National Institute of Neurological Disorders and Stroke

koroshetz@ninds.nih.gov



Dr. Koroshetz serves as Director of the National Institute of Neurological Disorders and Stroke. He joined NINDS in 2007 as Deputy Director and has co-led the NIH's BRAIN Initiative, the Neuroscience Blueprint, the Traumatic Brain Injury Center with the Uniformed Health Services University, the Helping to End Addiction Long Term (HEAL) Initiative, the Undiagnosed Disease, and the Acute to Chronic Pain Transition Programs, NIH Emergency Care Research and the Post-Acute Sequelae of COVID-19 Initiative. Before NINDS, Dr. Koroshetz served as the Neurology Vice Chair and Director of stroke and neurointensive care, led neurology resident training at Massachusetts General Hospital as a Harvard professor.

Heather MacLean

New York University Grossman School of Medicine

Heather.MacLean@nyulangone.org



Heather MacLean is an accomplished fundraising professional with over 10 years of experience in academic medicine. She is currently Senior Director, Development at NYU Langone Health where she leads fundraising efforts in the Departments of Neurology and Neurosurgery, as well as the Neuroscience Institute. She recognized early in her career a passion for supporting neurosciences and has sought out opportunities of increasing responsibility in this field throughout her career. Heather received her bachelor degree from State University of New York at Fredonia in Music Performance and was a classical musician prior to her career in development.

Justin Charles McArthur, MBBS, MPH, FANA

Johns Hopkins University School of Medicine

jm@jhmi.edu



Dr. Justin McArthur received his medical degree from Guys Hospital Medical School at the University of London. He then completed an internship and residency in Internal Medicine at The Johns Hopkins Hospital. Dr. McArthur stayed at Johns Hopkins to complete a second residency in Neurology and to achieve a master's degree in public health.

Now a Professor of Neurology, Pathology, Medicine and Epidemiology, Dr. McArthur has become nationally and internationally recognized for his work in the epidemiology and treatment of HIV infection, multiple sclerosis, and other neurological infections and immune-mediated neurological disorders. He has been instrumental in the design and conduct of numerous clinical trials for these disorders. With the late Jack Griffin, he developed a clinically validated technique to use cutaneous nerves to study sensory neuropathies, including those associated with chemotherapy, HIV infection, and diabetes mellitus. He was the recipient of the Department of Medicine Osler House-staff Award in recognition of outstanding contributions to Housestaff teaching for four years, and then the JHU Professor's Award for Distinction in Teaching in the Clinical Sciences. In 2013 he received the Mitchell Max award for neuropathic pain from the American Academy of Neurology. He received an endowed chair in Jack Griffin's name in 2016 and was inducted into the Association of American Physicians in 2016. He is currently President-elect of the American Neurological Association.

Aaron Nelson, MD, MBS, FAAP, FAAN

New York University School of Medicine

Aaron.Nelson@nyulangone.org



Dr. Aaron Nelson is Associate Professor in the Department of Neurology at NYU Langone Health, Director of the NYU Grossman School of Medicine Child Neurology Residency Training Program, and Director of Epilepsy for New York Health + Hospitals Bellevue Hospital. In addition to leading flagship educational and clinical programs in neurology and epilepsy, he's published >20 peer-reviewed publications on topics ranging from neurology education to pediatric epilepsy and currently serves on multiple national committees for expertise in electronic communication and social media, giving invited talks on the power of narrative at both national pediatric and neurologic conferences.

Michael Panzara, MD, MPH

Wave Life Sciences

mpanzara@wavelifesci.com



Michael A. Panzara, MD, MPH is currently Chief Medical Officer, Head of Therapeutics Discovery and Development at Wave Life Sciences, overseeing therapeutic research and development efforts. He has over 20 years of experience developing therapies for neurological disorders having served in leadership roles at Sanofi, Genzyme, and Biogen before joining Wave in 2016 and currently serves on the board of directors of Athira Pharma. Dr. Panzara received his undergraduate degree from the University of Pennsylvania, medical degree from Stanford University, trained in neurology at Massachusetts General Hospital with post-doctoral training in immunology and rheumatology at Brigham and Women's Hospital, and received his Master of Public Health degree from the Harvard School of Public Health.

The American Neurological Association (ANA) is the champion of neurological research and the ally of all physicians and scientists who strive to make a difference through careers that combine discovery, education, and clinical care.

TOP 5 Reasons to Join the ANA

Mission

Advancing science, education, and careers to improve neurologic health for all.

Vision

A world without neurological disease.

Join Today!

Learn more at
[myana.org/
membership](https://myana.org/membership)



1 *Connect*

Form **personal connections** with academic neurologists and neuroscientists from all subspecialties, **advancing your research** and expanding your network

2 *Learn*

Earn CME by participating in the ANA's educational programs including webinars, bite-size learning modules, and podcasts

3 *Save*

Save on registration for the ANA Annual Meeting, the top meeting in academic neurology and neuroscience

4 *Discover*

Enhance your knowledge with the **cutting-edge research** in the ANA's peer-reviewed journals

5 *Grow*

Leverage the ANA's Career Center, a specialized job market specifically for those working in academic neurology and neuroscience