

MOUNT SINAI SCHOOL OF MEDICINE
PSYCHIATRY RESIDENCY
INCOMING RESIDENTS, 2012



Amy Nebenhaus (Egolf)

UNDERGRADUATE: Wesleyan University, BA in Classics
MEDICAL SCHOOL: Mount Sinai School of Medicine

From Wesleyan and with a brief stint at the Intercollegiate Center for Classical Studies in Rome, Amy entered Mount Sinai through the Humanities and Medicine Program. She has had success in both her dedication to service and in teaching and curricular development. She organized the largest student-run event at the medical center and chaired a 20-person steering committee to provide health education and resources to the East Harlem community. She has held leadership positions in various educational areas, including recruiting faculty to teach in an after school program she coordinated and whose curriculum she designed, and being named Head of Teacher Training for the Sexual Health Group at Mount Sinai. This is in addition to her multiple concurrent roles as mentor, tutor, and TA. True to her seemingly native ability to lead, Amy was the coxswain and Captain of the Wesleyan Women's Varsity Crew team.



Amy Glick

UNDERGRADUATE: Columbia University, BA in Psychology
MEDICAL SCHOOL: Jefferson Medical College

Amy has balanced a passion for adventure, an academic inquisitiveness, and a thoughtful curiosity of the impairments of the mind and brain. In college, she was a manager at an historic acoustic folk music venue, a leader for 3-day long canoeing trips, and a first-responder for the Israeli Red Cross. She studied primate cognition in Columbia's Behavioral Psychology lab and collected data on the spatial performance of NMDA knock-out mice in Eric Kandel's lab. She designed a curriculum for art, science, and English literature while teaching at a bilingual school in southwestern Honduras, and she worked side-by-side with members with mental illnesses in a clubhouse setting. Adding administrative activities into the mix, Amy sat on the Steering Committee of her school's student-run clinic for the uninsured.

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Brian Fuchs, MPH

UNDERGRADUATE: Harvard University, BA in Economics, *Magna Cum Laude*
GRADUATE: Columbia University Mailman School of Public Health, MPH
MEDICAL SCHOOL: Harvard Medical School

Brian graduated Harvard having been named a Harvard College Scholar, a John Harvard Scholar, and a Justice Brandeis Scholar. He has a long record of leadership, research success, and work with the disabled. As a college senior and for 4 years after, he served as a director of the National association for the Visually Handicapped. After college Brian studied psoriasis and eosinophilic fasciitis in the Mount Sinai Department of Dermatology, where he co-authored multiple chapters and peer-reviewed articles. Subsequently, while in an MPH program at Columbia, he co-authored a peer-reviewed article on vision loss in pseudoxanthoma elasticum. In medical school, Brian founded and was the president of the Benjamin Rush Society, also serving on its national board that includes chapters at 15 other schools. Brian was a representative on the Student Governing Council of the Massachusetts Medical Society committee on disaster preparedness and public health. Additionally, his work on several research projects concerning children with intellectual disability living in residential care centers in Israel has resulted in his co-authoring over ten articles and book chapters.



Jake Rosenberg

UNDERGRADUATE: University of Pennsylvania,
Wharton School, BS in Economics and Health Care Management
School of Engineering & Applied Science, BAS in Health Care Systems
MEDICAL SCHOOL: SUNY Downstate College of Medicine

Jake's interests have ranged along academic, artistic, and systems-based economic explorations and applications. Jake studied economic policy at UPenn and worked in the Firearm Injury Center analyzing how to reduce intentional injury and improve outcomes. After graduation, he took a position as the sole financial analyst for the \$85M affiliation contract between NYU School of Medicine and Bellevue Hospital. At the time, Jake also spent his nights crafting songs and performing in clubs. Realizing that psychiatry could meld his interests, Jake entered medical school, directed a nutrition fair, and presided over the local Medical Artists Guild. He created a foundation to oversee the collection and donation of student microscopes rendered obsolete in the school's transition to a computer based histology curriculum, and he collaborated with local non-profit agencies to ship the donated equipment to Mexico, Haiti, and Africa, where the microscopes are now used in local health clinics. Jake has helped develop a new curriculum for Downstate, has studied at the Hong Kong University of Science and Technology, and is the son of a psychiatrist.

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Jennifer O'Keeffe

UNDERGRADUATE: Tulane University, BS in Neuroscience, *Summa Cum Laude*
MEDICAL SCHOOL: Albert Einstein College of Medicine

Prior to matriculating at Albert Einstein, Jennifer graduated in the top 15 students of her college class, earning awards for being most distinguished in community service and academic merit. She has received 4-year merit-based academic scholarships to college and medical school, the latter for demonstrated leadership, service to the community, and academic and research excellence. Elected by her peers to serve as Community Service Chair for the AMA, Jennifer organized community events and led AMA meetings with other officers to encourage community service. She is also driven by research interests. She has performed craniotomies on rats, injecting their brains with a modified herpes virus to facilitate brain pathway tracking for future research, and at Tulane she developed an honors thesis from her research on muscarinic receptors in homogenized rat brains. After her first year at Einstein, she was awarded a grant to work in pediatric cardiothoracic surgery, was the first-assistant in several premature infant patent ductus arteriosus repairs, and was the primary author on a clinical research-based case report; "An Interesting Vascular Ring." To round out the picture, during summer and winter breaks, she worked as a Medical Assistant for a clinic on Long Island, often working at the front desk to become familiar with insurance reimbursement and patient coverage information. The American Academy of Child and Adolescent Psychiatry selected her to be featured in an upcoming monthly journal.



Ilana Jerud, MA, MPH

UNDERGRADUATE: University of Pennsylvania, BA in Psychology
GRADUATE: Columbia University Mailman School of Public Health, MPH
GRADUATE: University of Pennsylvania, MA in Bioethics
MEDICAL SCHOOL: Jefferson Medical College

Ilana's ability to bring people together for humanitarian pursuits has been a fixture throughout her educational career. She was an emergency medical technician throughout high school, before subsequently founding the University of Pennsylvania's medical emergency response team. She founded, organized, and raised funds for a yearly festival that brings physicians, dentists, and other health care professionals together to provide free health check-ups and nutritional education for children. She organized a fundraiser that raised money for an entity that connects American students with Ugandan students in an effort to share knowledge about AIDS, and she organized the first concert in a tour to raise additional money for the organization. She organized and marketed a 600-person fundraiser to support disaster relief after the Haiti earthquake. She is currently an organizer for a methadone maintenance program, working to advocate for continued access to methadone therapy and lobbying against proposed state legislation limiting payment for methadone treatment. Ilana is fluent in Hebrew and will have completed two Masters degrees at graduation from medical school.

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Laura Powers

UNDERGRADUATE: Harvard University, BA in Sociology
MEDICAL SCHOOL: Mount Sinai School of Medicine

Laura entered Mount Sinai through the Humanities and Medicine Program. At Harvard, Laura found a drive to study and work in community service, where she began to focus her attention on working with children and adolescents. From her early experiences as a tutor and mentor, she grew to become director at different community-based programs, including one working to foster a sense of community and cultural identity among Boston's Native American youth and empowering future leaders from that community. In medical school, Laura has worked with the Child Life Department to develop a new Medical Student Experience component of the program, facilitating student participants' integrating medical learning with service experience. Furthering her interest and efforts in outreach, Laura has been working with the Department of Child and Adolescent Psychiatry at Mount Sinai to design a protocol studying the prevalence of psychiatric illness in Mount Sinai's Pediatric Hematology/Oncology clinic. Her commitment to service has earned her recognition in college and medical school, and she's been the recipient of awards for dedication, creativity in service, and this year's outstanding graduating student in psychiatry.



Olanrewaju Dokun

UNDERGRADUATE: Brown University, BA in Psychology & Philosophy
MEDICAL SCHOOL: Mount Sinai School of Medicine

Born in a rural Nigerian village and fluent in Yoruba, Lanre is driven to psychiatry to help open doors for people who are often marginalized and forced into the fringes in the hopes that they may realize their potentials. At Brown, Lanre dedicated himself to service, helping to create and coordinate programs to provide advising and support for struggling students. He has worked as a research assistant on numerous projects, including studies looking at the relationship between serious mental illness and HIV, and those concerning adult developmental disorders. He also taught social skills to adults with Autism Spectrum Disorders. At Mount Sinai, Lanre played a vital role in introducing mental health care to the student-run clinic for the uninsured, where he has held administrative, managerial, and provider positions. Lanre is currently studying the role and impact of diversity on the quality of medical education for minority medical students and physicians, including the perceived effect of diversity and race on career progress, goals, and the delivery of medical care.

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Mariana Schmajuk

UNDERGRADUATE: Duke University, BS in Psychology
MEDICAL SCHOOL: Boston University School of Medicine

Born in Buenos Aires, Argentina, and a native Spanish speaker, Mariana grew up with a love of music, playing piano and giving concerts in which she soloed. Her interest in neuroscience began with high school projects at Duke University and continued through college when she worked at Duke's Center for Cognitive Neuroscience. She designed, executed, and analyzed experiments using ERPs to investigate response inhibition in normal adults, creating a model to demonstrate how such mechanisms might be translated in ADHD. Her work was published as a first authored paper in *Neuropsychologia*. Mariana delved further into research during an Intramural Research Training Fellowship at NIMH under Ellen Leibenluft, in which Mariana examined the pathophysiology of pediatric bipolar disorder, studying attention, memory function, emotional response and regulation, reward processing, reaction time, and motor inhibition. She presented at multiple conferences and is a co-author on multiple publications, including 2 in *Biological Psychiatry*, 2 in *American Journal of Psychiatry*, and another in *Development and Psychopathology*. She has also worked in the Center for Neural Science at NYU, using electron microscopy to study the distribution of acetylcholine muscarinic receptors across the visual cortex in Rhesus macaques. Mariana is on the Executive Committee of the Clinical Neuroscience Society.



Nicholas Stevens

UNDERGRADUATE: University of Oregon, Clark Honors College, BS in Biology
MEDICAL SCHOOL: SUNY Downstate College of Medicine

The recipient of multiple academic honors and scholarships, Nicholas graduated college with honors and distinction. For some time, he had been drawn to cognitive neuroscience, and his undergraduate thesis, "Identifying Core Consciousness in Animals," examined neuroscience from a broad and largely philosophical perspective. Continuing his interest in such domains, Nicholas received a Fulbright Scholarship and joined a neuropsychology laboratory at the Freie Universität in Berlin that uses fMRI and EEG to study language processing as a means to explore the neural correlates of emotions and decision making. His Fulbright focused on experimentation into the scientific and philosophical underpinnings of psychiatry, and he entered medical school to further study cognitive neuroscience in the applied context of alleviating suffering. Nicholas' interest in psychiatry reflects a gradual evolution from early philosophical and scientific interests in the human mind into a matured desire to apply this knowledge to improving clinical care. Nicholas has played cello since the fourth grade and has been a member of various chamber groups as well as the University of Oregon Symphony Orchestra. He is fluent in German.

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Rachel Fischer

UNDERGRADUATE: Stony Brook University, BS in Biochemistry, *Summa Cum Laude*
MEDICAL SCHOOL: New York University School of Medicine

Rachel showed a flair for science since high school when she was a semifinalist for the Siemens/Westinghouse competition and the Intel Science Talent Competition. Her research involved signal transduction pathways and antigens in pancreatic cancer, which ultimately led to her isolating and cloning monoclonal antibodies in college. Rachel's accomplishments and leadership in this and other basic science research earned her scholarships and awards, including being selected as a senior WISE mentor. In medical school at NYU, she furthered an interest in helping many of those marginalized by society, from serving as an advertising director for the Special Olympics, to working to prevent deaths from opiate overdose. She created a program to educate patients in safer drug use and how to administer naloxone; a controversial topic in medicine and policy, Rachel took this as an occasion to study Physician Attitudes on Naloxone Overdose Prevention. She has worked in Bangkok with an international scientific-military collaboration which is on the cutting edge of research in tropical medicine and infectious disease. Rachel minored in cinema and cultural studies, has played guitar, bass, and drums since age 16, and has been in multiple bands, playing shows around the Northeast, and recording demos.



Stacy Henderson

UNDERGRADUATE: Washington and Lee University, BA in Psychology
MEDICAL SCHOOL: Jefferson Medical College

Stacy's enthusiasm for and prior life in teaching has influenced much of her work in medicine. During her years as a high school science teacher in Teach for America, Stacy worked with some of the most difficult student populations in the country. With these students, she founded and coached an Odyssey of the Mind program, and further developing her interest in child and adolescent psychiatry, her work involved implementing a strategy that prioritized restoring trust between students and teachers while holding students accountable for their actions. She also trained some of these students to run in the Philadelphia Marathon and other such races. In medical school, Stacy has developed educational curricula for both children and adults, including directing patient programs in medical literacy and programs in art for women on methadone living in a halfway house. Her work comparing medical students' responses to counseling patients about Shaken Baby Syndrome with their performance in the counseling task itself has been presented at several regional and national meetings.

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Ivan Mauricio Chavarria-Siles, MD, MS (PhD in process)
Physician-Scientist Research Track

UNDERGRADUATE & MEDICAL SCHOOL: Universidad de Costa Rica
GRADUATE SCHOOL: University Francisco de Vitoria, Madrid, Spain, MS in Biochemistry

To date, Ivan has had a very successful career in molecular psychiatry research. After medical school, while a neuroscience research fellow in Madrid, he completed a Masters degree in biochemistry studying the molecular mechanisms of endocannabinoid-modulated neuroinflammation in an animal model of acute brain infection. This work was published in the *Journal of Neuroscience*. His interests then broadened to a new research question, concerning the direct brain effects of genes associated with psychiatric disorders. Pursuing this interest, he received a Fogarty International NIH fellowship grant to support his postdoctoral research in psychiatric genetics at the University of Texas Health Sciences Center at San Antonio. His laboratory work focused, among other things, on investigating the role of a novel TGIF mutation associated with schizophrenia, which led to a first author manuscript in *Molecular Psychiatry*. Additionally, he has published both first-author and co-authored papers in the *American Journal of Medical Genetics*, and another first-author paper in *Cerebral Cortex*, describing how genes encoding heterotrimeric G-proteins are associated with grey matter volume variations in the medial frontal cortex. Having recently spent some time working as an Instructor of Biochemistry and Genetics at the University of Costa Rica School of Medicine, Ivan received an offer to start a research program in Imaging Genetics at the Vrije University in Amsterdam, where he is currently, applying statistical genetics approaches to MRI imaging phenotypes of candidate genes of brain/psychiatric disorders. He is fluent in Dutch and Spanish.



Piergiuseppe Fedele, MD
Physician-Scientist Research Track

UNDERGRADUATE & MEDICAL SCHOOL: Libera Universita 'Vita Salute S. Raffaele' Milano, Italy

Giuseppe graduated *summa cum laude* from medical school, having received a prestigious merit-based scholarship. Soon after, he moved to Harvard's Dana-Farber Cancer Institute as a research fellow in molecular pathology where he further developed his academic research skills. Less than a year after joining the lab, he published his work in a co-first author manuscript in *PNAS*. In this research, he employed a neuroscience technique—organotypic slice cultures—and applied it for the first time to the pharmacodynamics profiling of human tumors. This system has now been widely adopted by other scientists and is set to create significant translational implications for cancer patients. He also analyzed and demonstrated the unequivocal utility of fatty acid synthase as a powerful prognostic biomarker in prostate cancer, and he has elucidated the role of AMP-activated kinase in tumorigenesis using a genetic mouse model of metabolic syndrome. This work has been published in *Nature Medicine*, *Science Signaling*, *Laboratory Investigation*, *Cancer Cell*, *Cancer Research*, and the *Journal of Clinical Oncology*. Giuseppe has served as a reviewer for multiple scientific journals, including *Cell Metabolism*, *Cancer Research*, and the *American Journal of Pathology*. More recently, Giuseppe has begun a study comparing patterns of psychotropic use in long term cancer survivors versus cancer-naïve controls. This work has furthered his fascination with the mind, leading him to reflect upon questions at the intersection of neuroscience, philosophy, psychology, and psychiatry. Specifically, his interests lie in neuroscientifically and clinically exploring the essence of psychic “normality,” the nature of creativity and artistic temperament (a classical pianist, he is a student at the New England Conservatory of Music in Boston), the definition of intelligence, and the origins of consciou