

Center for Multisite Studies Faculty

NYU Langone Health's distinguished faculty members bring a wealth of knowledge and experience to the research community. Discover our experts by areas of expertise, whose extensive multisite research and clinical expertise have contributed significantly to shaping the future of medicine.

Faculty by Area of Expertise:

Anesthesiology, Perioperative Care, and Pain Medicine

[Jing Wang, MD, PhD](#)

- **Expertise:** Pain Studies, Anesthesia Studies, Preoperative Studies, Biomarker Studies, Acute and Chronic Pain Research, Perioperative Research
- **Experience:** Clinical trials, Multisite Research, Study Design, Coordinating Center Management (Clinical, Data, Administrative/Communication)

Biospecimen Research

[Iman Osman, MD](#)

- **Expertise:** Oncology Translation Research
- **Experience:** Multisite Research, Study Design, Administrative/Communication Coordinating Center Management, Biospecimen Core Lab

Biostatistics and Data Management

[Jasmin Divers, PhD](#)

- **Expertise:** Clinical and Observational Studies, EHR, Coordinating Center Management, Diabetes, Kidney Disease, Cardiovascular Disease
- **Experience:** Clinical trials, Multisite Research, Study Design, Biostatistics, Statistical Genetics, Data Management, Coordinating Center Management (Clinical, Data, Statistical, Administrative/Communication)

[Andrea Troxel, ScD](#)

- **Expertise:** Optimal and Adaptive Clinical Trial Design, Pain, HZO, Pulmonary Embolism, Behavioral Interventions for Chronic Disease, Behavioral Economics
- **Experience:** Clinical trials, Multisite Research, Study Design, Biostatistics, Data Management, Coordinating Center Management (Clinical, Data, Statistical)

[Chang Yu, PhD](#)

- **Expertise:** Phase I-III Clinical Trials, Pharmacokinetics, Individual Patient Data Meta-analysis, Bayesian Design, Statistical Methods, Pain Research, Cardiology, Pulmonary Arterial Hypertension, Sleep Study, Critical Care
- **Experience:** Clinical Trials, Multisite Research, Study Design, Biostatistics, Data Management, IND/IDE, Coordinating Center Management (Data, Statistical, Administrative/Communication)

Cardiology

[John Dodson, MD, MPH](#)

- **Expertise:** Pragmatic Trials, Implementation Research, Digital Health, Cardiovascular Prevention, Aging Research
- **Experience:** Clinical Trials, Multisite Research, Coordinating Center Management (Clinical, Administrative/Communication)

[Judith Hochman, MD](#)

- **Expertise:** Myocardial Infarction, Acute and Chronic Ischemic Heart Disease, Myocardial Revascularization, Cardiogenic Shock, Sex Differences in Ischemic Heart Disease
- **Experience:** Clinical Trials, Multisite Research, Study Design, Coordinating Center Management (Clinical, Administrative/Communication)

[Stuart Katz, MD](#)

- **Expertise:** IRB Chair, Human Research Subject Protection, Heart Failure, Long COVID, Cardiovascular Disease, Cardiovascular Physiology, Vascular Imaging
- **Experience:** Clinical Trials, Multisite Research, Study Design, IND/IDE, Coordinating Center Management (Clinical, Administrative/Communication)

[Jonathan Newman, MD, MPH](#)

- **Expertise:** Clinical Trial-based Biorepositories, Biomarkers/Multi-omic Approaches, Clinical Trials of Novel/Environmental Risk Factors, Chronic Coronary Disease, Cardiometabolic and Cardiovascular Disease Prevention
- **Experience:** Clinical Trials, Multisite Research, Study Design, Coordinating Center Management (Clinical, Data, Administrative/Communication)

[Sunil Rao, MD](#)

- **Expertise:** Interventional cardiology, Implementation Research, Antithrombotic Therapy, Novel Devices, Registries
- **Experience:** Clinical Trials, Multisite Research, Study Design, Clinical Coordinating Center Management

[Harmony Reynolds, MD](#)

- **Expertise:** Heart Disease in Women, MINOCA INOCA, Microvascular Angina, Coronary Artery Spasm, Takotsubo Syndrome, Coronary Dissection
- **Experience:** Clinical Trials, Multisite Research, Study Design, Clinical Coordinating Center Management, Imaging Core Lab

Human Genetics and Genomics

[Aravinda Chakravarti, PhD](#)

- **Expertise:** Human Genetics, Genomics, Genetic Epidemiology, Population Genomics, Epigenetics, Molecular Genetics, Molecular Basis of Complex Disease
- **Experience:** Multisite Research, Data Analysis Center Management

Neurology

[Orrin Devinsky, MD](#)

- **Expertise:** Epilepsy, Neurostimulation, Gene Therapies, CDKL5, SUDEP, FDA
- **Experience:** Clinical Trials, Multisite Research, Study Design, IND/IDE, Coordinating Center Management (Clinical, Data, Statistical, Administrative/Communication)

[Thomas Wisniewski, MD](#)

- **Expertise:** Alzheimer's Disease, Prion Disease, Neurodegenerative Disorders, Dementia, Down Syndrome, Autism, Epilepsy, Proteomics, Neuropathology
- **Experience:** Clinical Trials, Multisite Research, Study Design, Clinical Coordinating Center Management, Imaging and Biospecimen Core Labs

Population Health

[Saul Blecker, MD](#)

- **Expertise:** EHR and Other Large Clinical Datasets, Quality Improvement, Pragmatic Trials, Chronic Disease Management, Medication Adherence
- **Experience:** Clinical Trials, Study Design, Clinical Data Core Lab

[Leora Horwitz, MD](#)

- **Expertise:** RECOVER; Rapid Randomized Trials; Long COVID; Learning Health Systems, Quality, Safety, and Efficiency of Healthcare
- **Experience:** Multisite Research, Coordinating Center Management (Clinical, Administrative/Communication)

[Omar El-Shahawy, MD, MPH, PhD](#)

- **Expertise:** Telehealth, Texting-based Interventions, Ecological Momentary Assessments (EMA) and Interventions (EMI), Behavioral Change Theories, Theory integration within Conceptual Frameworks, Secondary Data Analyses of National Surveys, Epigenetics of Addiction Treatment, Tobacco Control, Smoking Harm Reduction, Adapting Interventions among Vulnerable Populations, Persons with Opioid Use Disorder, People Living With HIV/AIDS
- **Experience:** Clinical Trials, Multisite Research, Study Design, Coordinating Center Management (Clinical, Data)

[Scott Sherman, MD](#)

- **Expertise:** Behavioral Clinical Trials, Behavior Change, Telehealth
- **Experience:** Clinical Trials, Multisite Research, Coordinating Center Management (Administrative/Communication)

Psychiatry

[Dan Iosifescu, MD](#)

- **Expertise:** Psychopharmacology; Novel Pharmacological Treatments and Devices for Patients with Severe Mood and Cognitive Disorders; Impact of Structural, Biochemical, and Functional Brain Abnormalities in Mood and Cognitive Disorders on Clinical Treatment; Neuroimaging (fMRI, MRS, PET); Electroencephalography (EEG); Neurocognitive Testing
- **Experience:** Clinical Trials, Multisite Research, Study Design, IND/IDE, Coordinating Center Management (Clinical, Administrative/Communication)

Child and Adolescent Psychiatry

[Moriah Thomason, PhD](#)

- **Expertise:** Matters of DEI and Support for Early Stage Investigators, Developmental Cognitive Neuroscience, Pregnancy, Multi-modal Brain Imaging, Inflammation, Child Neurodevelopmental Disorders, Social Determinants of Health
- **Experience:** Multisite Research, Study Design, Data Management, Coordinating Center Management (Data, Administrative/Communication), Longitudinal Participant Retention/Engagement

Radiology

[Miriam Bredella, MD, MBA](#)

- **Expertise:** Opportunistic Imaging, Bone-fat Connection, Imaging
- **Experience:** Clinical Trials, Imaging Core Lab

Surgery

[Dorry Segev, MD, PhD](#)

- **Expertise:** Kidney Disease, Organ Transplantation, HIV, HCV, COVID, Clinical Trials and Multi-center Studies in Kidney Disease, Organ Transplantation, Infectious Diseases
- **Experience:** Clinical Trials, Multisite Research, Study Design, Biostatistics, Coordinating Center Management (Clinical, Data, Statistical, Administrative/Communication)