

Columbia Psychiatry Research at a Glance 2020-2021

From its origins as the New York State Pathological Institute in 1896, its more than 90-year-old affiliation with Columbia University, and its partnership with NewYork-Presbyterian Hospital, Columbia Psychiatry is an international leader in mental health research. Currently, Columbia Psychiatry ranks #3 in research funding from the National Institutes of Health and has been in the top 3 for the past decade. In fiscal year 2020, 164 investigators were awarded over \$130 million in grants. Our research ranges from studies of molecular structures and brain circuitry to clinical trials that test novel treatments to developing methods for improving mental health care in communities around the globe. Our investigators are committed to discovering how the brain works, determining what causes normal and abnormal human behavior, and paving the way for preventions and cures. Our 12 research areas are outlined below.

RESEARCH AREAS

Neuroscience

- Molecular Therapeutics
- Systems Neuroscience
- Developmental Neuroscience
- Sackler Institute

Molecular Imaging & Neuropathology

Psychotic Disorders

- Biomarkers
- Clinical Neurobiology
- Genetics
- Therapeutics
- COPE Clinic
- Lieber Clinic

Anxiety, Mood, Eating & Related Disorders

- Anxiety/PTSD/OCD
- Eating Disorders
- Depression Service
- Anxiety Genetics
- Center for Neuroinflammatory & Somatic Disorders
- Center for Cultural Competence

Substance Use Disorders

Gender, Sexuality, & Health

- LGBT Health
- HIV Center

Child and Adolescent

Brain Aging & Mental Health

- Geriatric Psychiatry
- Neurobiology & Therapeutics of Aging

Behavioral & Psychosomatic Medicine

- Behavioral Medicine
- Consultation Liaison

Epidemiology & Population Science

- Translational Epidemiology
- Epidemiology of Substance Abuse
- Social Psychiatry

Services, Policy, and Law

- Behavioral Health Services and Policy Research
- Center for Law, Ethics and Psychiatry

Mental Health Data Science

- Biostatistics
- Data Management

Research Training Opportunities

- » The NIMH-funded Research Track provides 14.5 months of full-time, mentored research for residents engaged in research, and an 8-week summer research experience for first-year medical students from racial and ethnic groups that are historically underrepresented in psychiatry.
- » The Leon Levy Fellowship, now in its 12th year, supports residents engaged in neuroscience research. New last year, the Moynihan Clinical Research Fellowship supports residents engaged in patient-oriented clinical research with a focus on translating advances in neuroscience to clinical care. Both of these programs are generously supported by the Leon Levy Foundation.
- » Columbia Psychiatry offers 8 post-graduate training fellowships, funded by NIH, for PhDs, MDs, and MD-PhDs: Behavioral Sciences in HIV, Child Psychiatry, Eating Disorders, Global Mental Health, Late-Life Neuropsychiatric Disorders, Mood and Anxiety Disorders, Schizophrenia and Psychotic Disorders, and Substance Abuse.