

Psychologist, Assistant/Associate/Full Professor, Psychiatry, Digital Applications for Research

Stony Brook University: Health Sciences: Renaissance School of Medicine: Psychiatry and Behavioral Health

Location

Stony Brook, New York

Open Date

Aug 18, 2025

Deadline

Oct 18, 2025 at 11:59 PM Eastern Time

Application link:

<https://apply.interfolio.com/170831>

Description

The Department of Psychiatry at the Renaissance School of Medicine is seeking an innovative and technically-skilled investigator to establish a research program focused on the development, validation, and implementation of digital technologies for individuals with mental illness. These technologies may include algorithms, wearable sensors, and apps for digital phenotyping, ecologically valid assessment (e.g., cognition, emotion, sleep, physical activity, etc.) or interventions. The ideal candidate will be able to utilize artificial intelligence methods for impactful research and to advance real-world clinical practice. Resources for equipment, space, and additional research support are available to support this important initiative. Synergistic collaboration with other faculty in the department (e.g., neuroimaging, epidemiology) and across the institution (e.g., computer science, biomedical informatics, psychology etc.) is encouraged.

Stony Brook Psychiatry is home to a world-class, interdisciplinary team of investigators with robust, extramurally funded research programs. Current focus areas include schizophrenia, depression, dementia, and substance use disorders. The Department also leads multiple large cohort studies for understanding normal and psychopathological developmental trajectories. Stony Brook maintains a broad range of pre-clinical and clinical research cores, including fMRI, PET, ECT, and TMS and the full range of clinical psychiatric inpatient and outpatient services. Department faculty collaborate with members of the Institute for AI-Driven Discovery and Innovation, an interdisciplinary collaboration of 19 labs from computer science, neuroscience, biomedical informatics, and physics.

For more information on Research at the Institute for AI-Driven Discovery and Innovation, Stony Brook Center for Healthy Aging, Stony Brook Neurosciences Institute, and Department of Psychiatry, visit the links below:

<https://ai.stonybrook.edu/>

<https://renaissance.stonybrookmedicine.edu/healthy-aging>

<https://neuro.stonybrookmedicine.edu/about>

<https://renaissance.stonybrookmedicine.edu/psychiatry>

Qualifications

REQUIRED QUALIFICATIONS:

Applicants must have the below credentials or have them in possession by start date.

Required Qualifications:

Ph.D Degree (or foreign equivalent). Full-time availability. Research publications on digital health technologies that have relevance for psychiatric populations.

Preferred Qualifications:

Expertise in machine learning and artificial intelligence data analysis techniques; experience with analyzing and interpreting high-dimensional “big data”; demonstration of academic accomplishment, including prior and current research experience and productivity; and track record of NIH funded research.

Application Instructions

All application materials must be submitted online.

<https://apply.interfolio.com/170831>

For questions regarding this position, please contact Michele Chituk at michele.chituk@stonybrookmedicine.edu.

Anticipated Start Date: As soon as possible.

Campus Description

Long Island's premier academic medical center, Stony Brook Medicine, represents Stony Brook University's entire medical enterprise and integrates all of Stony Brook's health-related initiatives: education, research and patient care. It encompasses Stony Brook University Hospital, Stony Brook Children's Hospital, the five Health Sciences schools -- Dental Medicine, Health Professions, Medicine, Nursing and Social Welfare -- as well as the major centers and institutes, programs and more than 50 community-based healthcare settings throughout Suffolk County. With 624 beds, Stony Brook University Hospital serves as Suffolk County's only tertiary care center and Regional Trauma Center. Stony Brook Children's, with more than 180 pediatric specialists in 30 specialties, offers the most advanced pediatric specialty care in the region. In the Medical and Research Translation (MART) building, two floors are occupied by Stony Brook University Cancer Center's outpatient services, and four floors are devoted to cancer research. Diversity, equity and inclusion are essential core values at Stony Brook Medicine. We believe we do our best and most impactful work when we leverage our diverse, equitable and inclusive perspectives. We are proud to recruit and hire talented people from a wide variety of backgrounds and experiences.