



Laureate Institute for Brain Research

The Laureate Institute for Brain Research (LIBR) is currently seeking an **Academic Psychiatrist** whose expertise aligns with our multifaceted research domains, reflecting a commitment to advancing the understanding and treatment of mental health disorders. Our institute is at the forefront of exploring the depths of conditions such as anxiety, depression, substance use disorder, and obsessive-compulsive disorder. We are also interested in the psychosocial aspects of substance use, examining the societal and neural underpinnings of addiction.

At LIBR, we emphasize the critical role of biological, psychological, and social factors and stress responses in shaping mental health outcomes, applying cutting-edge techniques like real-time functional magnetic resonance imaging neurofeedback, transcranial focused ultrasound and other neuromodulatory approaches to unravel the complexities of brain networks and neural circuitry. Our researchers are focusing on studying bio-behavioral interactions, assessing the interplay between biological markers extracted from extracellular vesicles such as micro-RNAs, inflammatory cytokines, and metabolic markers and behavioral health. We also have a group focused on harnessing advanced methodologies including artificial intelligence and digital phenotyping to dissect brain development and cognitive function, aiming to refine intervention strategies.

We are particularly interested in candidates who bring innovative approaches to the development of mobile treatments, resilience-building interventions, and culturally sensitive care models, and who are adept in functional mapping in treatment-resistant psychopathologies. The ideal candidate will contribute to our dynamic environment with a passion for translational research that bridges the gap between cutting-edge science and tangible clinical outcomes for diverse populations, and shaping the future of psychiatric care at LIBR.

About LIBR

The Laureate Institute for Brain Research (LIBR) is a scientific research institute that focuses on discovering brain-based technologies to improve mental health. It was founded by the William K. Warren Foundation in 2009 and is in Tulsa, Oklahoma. LIBR has a multidisciplinary team of scientists and clinical research staff who apply neuroimaging, genetic, pharmacological, and neuropsychological tools to investigate the biology of neuropsychiatric disorders. LIBR also collaborates with The University of Tulsa and other institutions to provide research opportunities for students and faculty. Some of the current research areas at LIBR include population neuroscience and genetics, interoception and emotion, fear and anxiety, and brain-body interactions. LIBR's mission is to respect the dignity of persons suffering from mental health problems and to develop novel therapeutics to improve their well-being.

LIBR investigators have published a total of 970 scientific papers which have a total number of citations by of 98,652. LIBR has garnered substantial funding to support its research endeavors. With a total of 77 funded projects, LIBR has secured a total of \$47,958,441 in funding. The National Institute of Mental Health (NIMH) stands as the most significant contributor, endorsing 48 projects with an investment of \$16,559,005. Following closely is the National Institute on Drug

Abuse (NIDA), with 9 projects funded at \$12,182,483. The National Institute of General Medical Sciences (NIGMS) supports 6 projects totaling \$13,896,834. Other notable contributions include funding from the National Institute on Deafness and Other Communication Disorders (NIDCD), the National Institute on Minority Health and Health Disparities (NIMHD), the National Center for Complementary and Integrative Health (NCCIH), and the National Institute on Alcohol Abuse and Alcoholism (NIAAA), all of which fund multiple projects contributing to LIBR's diverse research portfolio.

The position is focused on research, there are no hospital or clinic-based service requirements or teaching responsibilities. There are opportunities available to provide clinical services at the Laureate Psychiatric Hospital and Clinic located on our shared campus. A Research faculty appointment at the Oxley College of Health Sciences, University of Tulsa is available.

Responsibilities:

1. Establish an independent research program in neuroscience to identify neurophysiological markers of psychiatric conditions.
2. Develop and execute research protocols with potential clinical applications for patients and healthcare providers.
3. Publish findings in leading peer-reviewed journals and present at national and international conferences.
4. Secure grant funding from federal, state, and foundation sources.
5. Engage in collaborative efforts with LIBR researchers and local academic faculty to enhance research output and resource sharing.
6. Perform clinical research support including lab reviews, imaging overreads, safety protocol oversight, and nursing team supervision on a rotational basis.
7. Offer consultative expertise for patient assessments, diagnosis clarification, and research participant selection.
8. Oversee safety protocols and participate in research visits as dictated by study requirements.

Requirements:

- A proven track record of publications and prior NIH funding is highly desirable.
- Must possess an M.D. degree being Board Certification in Psychiatry eligible and hold a current medical license.

Interested candidates should submit: i) a curriculum vitae, ii) a statement of research accomplishments and future plans, v) contact information for three references to: Colleen McCallum cmccallum@laureateinstitute.org