



Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Clin. Research Assistant I

Department Name and ID: Torous – Psychiatry

Effective Date: Starting April through June 2021

Hours: 40 per week

Status: Submitted to Compensation at ~ \$36,000 per year

Location: Boston, MA. Remote during COVID-19 but likely will be in person again soon.

About: The Division of Digital Psychiatry at Beth Israel Deaconess Medical Center, a Harvard Medical School affiliated teaching hospital, is an active team seeking to recruit new research assistants to begin in the Spring or Summer 2021. Based in Boston, our team develops and shares mental health smartphone tools and resources with patients and partners around the world. We also run a digital clinic using new tools to diagnose and treat mental health conditions, advocate for mental health policy around technology, and offer a host of community outreach programs to help teach patients digital mental health literacy.

Description: Our group has several focuses including 1) investigating smartphone based digital phenotyping to predict relapse in mental health and 2) developing digital health tools for college mental health. Our goal is to understand how digital signals generated by everyday use of smartphones may be associated with symptomatology and to improve the quality and accessibility of treatment for mental illness through education, research, and innovation in digital psychiatry. We also seek to design mental health interventions offered via digital health. A working knowledge of statistics and computer science is necessary as is programming in R or Python. Opportunities are also available for the research assistant to be involved in supervised clinical and neurocognitive assessments. Further clinical shadowing is also possible throughout the hospital. Prior research assistants have each had first author publications and presented at national or international meetings. Many have gone onto medical school after. Current projects include: digital phenotyping in smartphone usage for patients with psychosis, developing and testing a smartphone application platform for mental health used in the US, India, and Canada, and digital phenotyping for child psychiatry. For more information, visit our team's website at <https://www.digitalpsych.org>. We are also hiring for a more clinically focused position which would involve more patient outreach, recruitment, and interviews. This position would not require computer science experience but that skillset is still preferred.

Note: we are not able to offer this position to international students or those who may require visa sponsorship.

The following statements are intended to describe the general nature and level of work being performed by individuals assigned to this position. They are not intended to be an exhaustive list of all duties, responsibilities and skills required of this position.

Primary Responsibilities:

1. Independently or in conjunction with other clinical research staff works with clinical studies team to collect, organize, and help advance research studies. Liaison between our team in Boston and others around the globe using our tools. Create and work on new methods for analyzing data
2. Learns protocol and monitors strict adherence to protocols by physicians, nurses and research subjects. Reviews protocol requirements with physicians, nurses and fellows. Identifies any problems with protocol compliance and notifies principal investigator and/or research nurse. Begins to learn how to independently resolve problems with protocol

Required Qualifications:

1. Bachelor's degree required by or around the start date.
2. 1+ years of Python or R experience or prior research assistant or volunteer experience if applying for the clinical recruitment and interviewing role.
3. Web development and prior research experiences are useful and preferred, but not necessary

Email jtorous@bidmc.harvard.edu with a CV and cover letter if interested