



LAUREATE INSTITUTE FOR BRAIN RESEARCH

Postdoctoral Research Fellow

Laureate Institute for Brain Research (LIBR)

Tulsa, Oklahoma (Remote Option Available in Certain U.S. Locations)

Description

The Laureate Institute for Brain Research (LIBR) invites applications for a postdoctoral fellow position in **Dr. [Nick Obradovich's lab](#)**. The successful candidate will conduct research at the intersection of **climate change, artificial intelligence, and mental health**. Utilizing advanced computational and statistical methods, the postdoctoral fellow will explore how environmental and technological factors influence human psychology and well-being.

About LIBR

LIBR is a non-profit clinical neuroscience research institute dedicated to understanding and treating mental health conditions. We offer a collaborative environment that integrates clinical expertise with advanced technologies such as neuroimaging, genomics, and computational and statistical modeling. Located in Tulsa, Oklahoma, LIBR provides access to state-of-the-art facilities and a vibrant research community. For candidates interested in relocating, Tulsa offers an affordable cost of living and a welcoming community. For candidates unable to relocate, remote work options are available within certain U.S. locations.

About The Obradovich Lab

Dr. Obradovich specializes in the impacts of environmental and technological change on human psychology and behavior. His work includes:

- **Climate Change and Mental Health:** Investigating psychological impacts of environmental stressors like extreme weather events and climate variability.
- **Technological Influences on Behavior:** Examining effects of digital technologies on emotions, decision-making, and social interactions.
- **Computational Social Science:** Leveraging large-scale data (e.g., social media, mobile sensors) to understand societal trends related to mental health.
- **Causal Inference and Experimental Design:** Applying statistical methods to derive insights from observational data and interventions.

As a core author on the **Lancet Countdown Global Report** and an affiliate with the **MIT Sustainable Urbanization Lab**, Dr. Obradovich collaborates with colleagues worldwide. The postdoctoral fellow will have the opportunity to engage in these international research efforts and contribute broadly to global initiatives.

Job Responsibilities

- **Research Development:** Conduct research focusing on climate change, technology, and mental health.
- **Data Analysis:** Analyze large datasets using econometric and/or epidemiological methods.
- **Digital Tool Development:** Create and refine digital tools for data collection and intervention delivery.
- **Dissemination:** Prepare manuscripts for peer-reviewed journals and present findings at conferences.

Qualifications

Candidates will ideally have:

- **Education:** Ph.D. in a quantitative social science field, Data Science, Statistics, Epidemiology, Public Health, Psychology, Neuroscience, or Computer Science.
- **Research Experience:** Expertise in applied statistics/econometrics, experimental design, causal inference, and/or computational social science.
- **Technical Skills:** Proficiency in Python or R, experience with machine learning and predictive methods.
- **Psychometric Skills:** Experience in survey design and psychometric evaluation.
- **Digital Measurement Skills:** Knowledge of designing digital tools (e.g., wearable sensors, mobile apps).
- **Communication Skills:** Excellent written and verbal abilities; effective collaboration within a multidisciplinary and international team.
- **Remote Work Capability:** Ability to work independently and manage personal responsibilities.

What We Offer

- **Mentorship and Career Development:** Work closely with Dr. Obradovich, receiving support for developing your research trajectory.
- **Professional Growth:** Opportunities to lead high-impact projects, contribute to publications and grants, and attend professional conferences.
- **Resources:** Access to unique datasets, advanced computational facilities, and support staff.
- **Flexible Work Options:** Remote work arrangements are available within certain U.S. locations. Please note that remote work is not available internationally.
- **Competitive Compensation:** Salary is above NIH scale.

How to Apply

Please submit the following materials:

1. **Curriculum Vitae (CV):** Include your publications, presentations, and relevant projects.
2. **Cover Letter:** Outline your research interests, experience, career goals, and suitability for the position (including remote work, if applicable, alongside preferred location).
3. **References:** Contact information for three professional references.

Submission

Email all application materials to:

Dr. Nick Obradovich

Laureate Institute for Brain Research

Email: nobradovich@laureateinstitute.org

Subject Line: **Postdoctoral Fellow Application - [Your Name]**