**Othering & Belonging Institute, UC Berkeley**

**Position Title:** Data Scientist (7397U), Othering & Belonging Institute #18097

**Location:** Main Campus – Berkeley (remote until campus reopens)

**How to Apply:** Go to https://jobs.berkeley.edu/job-listings and search for job #18097 to apply.

A tailored cover letter and resume are required. Please submit your cover letter and resume as a single attachment when applying.

**Application Review Date:** The First Review Date for this job is May 17, 2021

\*\*Applications will be accepted, reviewed, and remain open for full consideration and until filled.\*\*

*Departmental Overview*

The Othering & Belonging Institute (the "Institute") at UC Berkeley brings together diverse stakeholders to identify and challenge the barriers to an inclusive, just, and sustainable society in order to create transformative change. The Institute is a vibrant hub of researchers, community leaders, policymakers, artists, and communicators that advances research, policy, and work related to marginalized communities. We engage in innovative narrative, communications, and cultural strategies that attempt to re-frame the public discourse around marginality and inclusion and respond to issues that require immediate and long-term action. Our work is informed by understanding how structures and systems work to create or exacerbate othering and exclusion.

The Institute advances research and policy related to marginalized groups and social cleavages including disability, LGBTQ citizenship, race, religion, economics, public health, education, democracy and the new emerging research on global north/global south relations. The Institute represents a tremendous opportunity to bring leading researchers and substantial resources across disciplines to bear on society's pressing and pivotal issues. At the heart of the Institute are seven clusters of faculty-led teaching and research that are organized into the following areas: Disability Studies, Diversity and Democracy; Diversity and Health Disparities; Economic Disparities; LGBTQ Citizenship; Race, Diversity, and Educational Policy; Religious Diversity.

The Data Scientist serves as a core member of the Institute research team, providing data and statistical analysis for the Institute on a variety of critical issues and to advance Institute program activities and agendas. The Data Scientist will support empirical research and exploration by the Institute and its partners, and mine and structure data to test hypotheses

that will guide project development. The Data Scientist will support the research team with data analytics and statistical modeling to help improve the quality and accessibility of the Institute's research projects and publications and build interactive maps and other data visualizations. The Data Scientist will also support archival and retrieval of institute's data and make data accessible to internal researchers and external publications. The Data Scientist will also support partnerships with external organizations such as the California Tax Credit Allocation Committee and the Department of Housing and Community Development.

*Responsibilities*

- Conducts quantitative and/or spatial analyses, develop statistical models and contribute towards specifications and methods for these models.
- Collect, clean, store, analyze, and interpret various data sets using statistical software such as R and/or Python, and can model or implement statistical models.
- Carry out statistical analysis, prepare clear and concise outputs for various reports, or formulate plans to address policy challenges and opportunities related to the Institute's program areas, including but not limited to social, economic, education, environment with a social justice lens.
- Coordinates with external and internal partners and participate in project and institute wide meetings.
- Delegating work to junior staff (students, contractors) and supervising their progress to fulfill projects' commitments to deliverables and milestones.

*Required Qualifications*

- Strong analytical skills including the ability to interpret and manipulate large datasets to develop recommendations and analysis with critical/creative thinking and strong attention to details.
- Knowledge of statistics and experience using statistical packages for analyzing datasets.
- Knowledge and experience working with R or Python.
- Knowledge of the principles, theories, research methods, and techniques of empirical analysis to organize, direct and coordinate complex and difficult research projects.
- Ability to develop and present written reports to relate findings and recommendations and identify problems clearly, concisely, and effectively.
- Self-motivated and responds to changing/overlapping deadlines.
- Works well both independently and as part of an agile team.
- Proven ability to delegate and supervise junior staff (students, contractors).
- Interest in and experience supporting social justice and equity issues.

### Education/Training

Bachelor's degree in related area and / or equivalent experience / training.

Masters degree in related area and/or equivalent experience/training in planning, geography, environmental sciences, computer science or a related field preferred.

### Preferred Qualifications

- Knowledge and experience with database creation, maintenance and updating using SQL (PostgreSQL, AcuGIS).
- Knowledge of JavaScript and related data visualization libraries (Node.js, Leaflet, D3, React ).
- Working knowledge of Geographic Information science, principles, and analysis.
- Solid research skills to enhance our understanding of the issue(s) being investigated.
- Stellar organizational abilities.
- Capacity and experience understanding and translating academic findings for lay audiences.
- Good interpersonal skills, including political acumen, tact and follow-through, to communicate effectively with all levels of staff, faculty, and community partners, both verbally and in writing.
- 3-4 years of experience working in a similar/relevant area of work.

### Salary & Benefits

This is a non-exempt, biweekly paid position. Hourly salary is commensurate with experience up to $34.87.

For information on the comprehensive benefits package offered by the University visit: https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html

### Other Information

This is a two-year contract position with the possibility of renewal.

### Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant see:

https://www.eeoc.gov/sites/default/files/migrated_files/employers/poster_screen_reader_optimized.pdf

For the complete University of California nondiscrimination and affirmative action policy see:
http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct