



## JOB ANNOUNCEMENT

### Data Analyst (Contract position)

#### The Othering and Belonging Institute, UC Berkeley

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<b>Position Title:</b>	Data Analyst (Independent Contract position)
<b>Duration:</b>	Starting immediately
<b>Expected Hours:</b>	Varies based on current contract portfolio; up to 40 hours/week for 1 year renewable
<b>Compensation Range:</b>	Dependent on Experience
<b>Location:</b>	Berkeley, but remote will be considered (currently remote due to COVID-19)

The [Othering and Belonging Institute](#) (“The Institute”) brings together researchers, stakeholders, policymakers, and communicators to identify and challenge the barriers to an inclusive, just, and sustainable society and to create transformative change.

The Institute’s Equity Metrics Program develops research-based metrics to enhance our understanding of group-based marginality and structures of opportunity. See more about the Equity Metrics program at <https://belonging.berkeley.edu/equitymetrics>. The Equity Metrics Program is seeking a Spatial and Demographic Analyst to support a number of statewide projects related to zoning, segregation and fair housing issues.

### Brief Description of Role

The Equity Metrics team is working on a number of local and statewide projects related to zoning, segregation and fair housing issues that require data analysis, visualization and policy recommendations. This position will be responsible for data collection, cleaning, analysis of spatial as well as aspatial data, and data visualization. Data might be accessed from Census or other local, regional and state databases, so familiarity with finding data sources and relevant data is important. An ideal candidate should have skills and experience as outlined below.

### Responsibilities

- Data collection, cleaning and analysis
- Empirical research and analysis (spatial and aspatial)
- Create data visualizations using software (e.g. Tableau) and/or coding (e.g. D3)
- Presenting analysis results to internal and external audience
- Participate in project meetings, Institute team meetings and other organizational events
- Research duties related to other Institute programs as assigned.



## Qualifications

### Required:

- Minimum Bachelor's degree in Geography, Cartography, Urban Planning, Environmental Studies, Computer Science or a related field or 3-4 years of experience in any of the above or related fields
- Interest in issues of social justice
- Experience working with GIS software e.g. QGIS, ArcGIS
- Understanding of GI Science concepts, techniques and tools
- Experience with R or Python
- Experience with data visualization (D3, ggplot2, React, Tableau)
- Experience with federal (e.g. Census, BLS), state (e.g. Education dept.) and local (e.g. planning/zoning) databases
- Experience with MS or equivalent Word, Excel and PowerPoint
- Excellent communication and presentation skills
- Ability to meet rapidly changing deadlines
- Good organizational skills and the ability to work independently

### Desired:

- Experience with web mapping technologies (Leaflet, Carto, Mapbox, Node.js)
- Coding experience (HTML, JavaScript, CSS) would be desirable
- Experience with Geodatabases (ArcGIS, PostgreSQL etc.) is a plus

## To Apply

Please send as one electronic document, your resume, letter of interest (no more than two pages), and work sample(s) to [sgambhir@berkeley.edu](mailto:sgambhir@berkeley.edu). Please put in the subject line: EM Analyst Application.