Summer 2016

The Diversity Fellowship at Minnesota Population Center (www.pop.umn.edu) at the University of Minnesota is designed to help recruit undergraduate and graduate students to work on its U.S. or international demographic data resources. Projects or units with openings include: Terra Populus (TerraPop), IPUMS-International, MPC IT Core, and a faculty-led research project with Carolyn Liebler on race in America. You may find more information and links to these MPC projects at popdata.org, tech.popdata.org and Dr. Liebler’s profile.

**Qualifications**

*Required:* Students must be enrolled in an undergraduate or graduate program at the University of Minnesota. The MPC works with students from many disciplines across campus. Students must have: excellent written and oral communication skills, excellent computer skills and ability to work in a technical environment, good interpersonal skills, reliability and attention to detail, and the ability to act independently and as part of a diverse team environment.

*Additional Selection Criteria:* Students should self-identify with a historically underrepresented group which includes, but is not limited to: African Americans, American Indians, Hispanic/Latino/a Americans, Asian Americans. Students may have: knowledge of a major statistical package (Stata, SAS or SPSS), experience analyzing census or survey microdata, experience with HTML, Unix, and XML metadata, and/or use and knowledge of ArcGIS or other GIS software packages (for Terra Pop). We are especially interested in recruiting students who could use MPC data in their own research.

**Responsibilities**

Fellows will work extensively with data of various types, including historical census and survey data from the United States and spatial data. They will interpret, edit, and format technical documentation. They also will analyze data in a statistical packages and record the findings systematically. Some fellows help to prepare data for distribution through MPC's data dissemination web sites. Fellows are expected to carry out a variety of other tasks as needed for data preparation and data dissemination. Fellows will be expected to learn new software and techniques as necessary, perform work in a timely manner while being attentive to details, and show initiative in solving problems.

Fellows will report to and be mentored by research scientists, senior data analysts, faculty, software developers, or other professional staff working on the assigned project. They may collaborate with principal investigators, other research assistants, post-doctoral associates, and other project and Center staff.
Potential Projects
*Please check http://z.umn.edu/127u for detailed project descriptions

**Terra Populous:**
- Data Processing and Ingest
- Outreach and Development

**Information Technology:**
- Open Source Archiving
- Convert NHGIS and IPUMS from MySQL to PostgreSQL
- IT Status Dashboard

**IPUMS International**
- Spatial Analysis
- Data Quality
- Constructed socio-economic index variables

**Race in America**
- Research with Professor Carolyn Liebler

**Benefits**
Professional mentorship: each fellow will be paired with at least one mentor working on the assigned project. Paid summer stipend. Graduate students: 10 weeks, 20 hours per week, $19.94/hr. Undergraduate students: 8 weeks, 20 hours per week, $10.00/hr.

**Application Instructions**
Please submit a cover letter and a resume/CV. Interviews will take place in March. **Note:** Your cover letter should explain your interest in working with us. It also should articulate which project/s you have a special interest in and for which you are most qualified. Applicants should send materials to mpc-jobs@umn.edu. Application deadline is February 29, 2016. Applicants will be notified of selection or non-selection on or before April 5, 2016.

*The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.*

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