Postdoctoral Fellowship in Data Science and Population Health Equity – Deadline: April 30, 2017

Health Equity Institute, San Francisco State University

The Health Equity Institute (HEI) at San Francisco State University invites applications for a postdoctoral fellowship in Data Science and Population Health Equity. The position is for one year with the possibility of renewal pending grant funding availability. The Postdoctoral fellow will join our Institute’s research team, co-develop programs and projects at the intersection of data science and health equity, and work independently on developing one’s own publications and research.

The Data Science and Population Health Equity postdoctoral scholar will work on projects with Dr. Sepideh Modrek at San Francisco State University and collaborators in Population Health Science at Stanford University. We are looking for researchers whose interests include the intersection of data science and health equity. Researchers whose research exploits new methods in computational social science and/or new data resources to examine health policy, social determinants of health, population health, precision medicine, or other related research areas will be considered. We welcome applicants from a variety of fields including sociology, demography, economics, public health, bioinformatics and other relevant fields.

The Postdoctoral candidate is expected to perform the following:
- Co-develop activities in the Big Data and Health cluster of the Health Equity Institute with Dr. Sepideh Modrek
- Contribute to collaborative research activities with HEI team members
- Pursue grant and research projects in data science and population health
- Conduct independent research and grant development
- Publish papers in the high-quality journals and conferences
- Travel to scientific conferences to present work and disseminate work to industry
- Assist in obtaining sponsored research grants
- Advise graduate students in their research

Qualifications
- Applicants must have completed all the requirements for the Ph.D. (or equivalent) by August 2017, or have received their degree within the last five years.
- Applicants with training in causal inference methods, experience with structured or semi-structured data, web scraping and machine learning methods are encouraged to apply.
- Evidence of collaboration and work related to health equity is highly desirable.

The Fellow will be supported with time and shared-office space needed to develop research projects, collaborate, and revise and submit publications from their dissertation or other research.

The Fellowship start date is September 5, 2017. The stipend is $50,000 plus benefits. In addition, the Fellow is eligible for $3,000 per year to fund research and conference travel. Opportunities to teach may be available at SFSU to supplement this income.

Application review will begin on May 1, 2017 and continue until the position is filled. Applicants should send the following materials in PDF format by email attachment to hei@sfsu.edu, with the subject heading of "Data Science and Population Health Equity Postdoc Application":

1. CV
2. A statement of research interests
3. An overview of past research and any related publications
4. A description of future research and research experience
5. Three letters of recommendation
6. A description of current or prior teaching experience, if any
1) Cover letter: Please briefly situate your work in relation to the health equity and address the question of your experience within interdisciplinary academic environments. Include a section describing your research and publication plan for the fellowship period and a section describing your research directions; 2) a full curriculum vitae; 3) a writing sample consisting of either a dissertation chapter or an article; and, 4) please arrange for two letters of recommendation to be sent. Please include individuals who can comment on your research experience. Letters can either be sent by email to the same address (subject heading: “Data Science and Population Health Equity”), or by mail to:

Health Equity Institute  
1600 Holloway Ave., HSS 359  
San Francisco, CA 94132

Information about the Health Equity Institute can be found at [www.healthequity.sfsu.edu](http://www.healthequity.sfsu.edu). Administrative questions should be directed to Angelica Martinez at 415.405.2540 or Email: hei@sfsu.edu. Substantive questions may be addressed to Dr. Sepideh Modrek at smodrek@sfsu.edu.

AA/EOE: Applications from women and minorities are especially encouraged.