SEEKING POSTDOCTORAL SCHOLAR

Postdoctoral Scholar on the Study of Hidden and Hard-to-Reach Populations

The University of California Berkeley School of Public Health is seeking a Postdoctoral Scholar with strong quantitative research skills to join a multidisciplinary team within i4Y (Innovations for Youth), a youth equity research lab, for a twelve-month remote or in-residence postdoctoral scholar position. The team's mission is to generate and disseminate the data and evidence to advance the well-being of marginalized youth populations.

The successful candidate will be trained under the mentorship of Prof. Colette (Coco) Auerswald of the UC Berkeley School of Public Health and Prof. Paul Wesson of the University of San Francisco Department of Epidemiology and Biostatistics to work on projects to advance data equity for marginalized youth populations.

The primary focus of the Postdoctoral Scholar's work will be to develop skills in the novel application of multiple systems estimation ("capture-recapture") to enumerate populations of youth experiencing homelessness, estimating not only their size, but also their composition, and disparities in their access to the systems designed to support them. *Knowledge of capture-recapture/multiple systems estimation is not required to apply.* Projects may require extension of sophisticated statistical methodology and/or development of novel statistical methodology for the analysis of large administrative datasets. Multiple systems estimation methods are transferable to counting, characterizing, and addressing disparities experienced by other hidden populations.

In addition, the Postdoctoral Scholar will have the opportunity to:

a) Write academic publications and publicly-facing reports. The postdoctoral scholar will take the lead in writing and publishing peer-reviewed publications and publicly-facing reports resulting from this work. They will also be invited to participate in the preparation of peer-reviewed publications regarding other aspects of the YAAH lab's work.

b) *Disseminate findings*. Summarize findings for a diverse range of audiences, including youth leaders, community providers, local and state government staff, policy makers, and academic audiences. Participate in and/or lead the dissemination of scholarly knowledge in webinars, and academic or conference presentations.

c) *Mentor undergraduates*. The postdoctoral scholar may have the opportunity to mentor graduate and undergraduate students who will support the population estimation activities.

The work is part of a larger study being conducted by our community-partnered lab, Youth and Allies Against Homelessness (or YAAH). YAAH is engaged in high-level collaborations with local, state and academic partners and leaders in the field, including, but not limited to, the California Interagency Council on Homelessness (Cal-ICH), the California State Department of

Housing and Community Development, <u>Covenant House International</u>, and <u>Larkin Street Youth Services</u>. We conduct research and evaluation studies with the aim of generating evidence that can be used to inform programs and policies to prevent, address and end youth homelessness.

The successful candidate should have:
- A Ph.D., DrPH, Sc.D. or equivalent degree in epidemiology/statistics/biostatistics, demography, or related field with strong quantitative, methodologic, and statistical analysis skills, conferred before the start date and earned within the last five years. Candidates who are close to completing their graduate degree ("ABD") are highly encouraged to apply.
- Strong knowledge of R programming language.
- Excellent applied research skills in data analysis (including data linkage, regression analysis, handling missing data), and cleaning of large administrative data sets.
- The ability to thrive in a setting working with individuals with diverse backgrounds.
- Excellent time management and communication skills.
- Strong oral and written communication skills.

Desirable traits include:
- Knowledge of STATA to prepare large data sets.
- Experience with machine learning approaches (SuperLearner, cross-validation) and SQL programming language proficiency.
- Experience in teaching or mentorship at the undergraduate level.
- Demonstrated research interests in areas currently under investigation.

Prior experience with capture-recapture/multiple systems estimation is *not* required.

The position is available immediately. The appointment is for twelve months, with a possible extension should funding become available. Consideration will be given on a rolling basis until the position is filled. Remote work is negotiable (from United States locations only).

Please communicate your interest in this full-time position, by submitting your cover letter, CV, the names of 3 academic references, and the pdf(s) of up to two publications to mschotland@berkeley.edu and siti@berkeley.edu. In your cover letter, please include your earliest possible start date (all degree requirements for a doctoral degree must be completed and degree must be conferred before start date) and your ideal start date and information about your interest in the position, and your training goals.

This position cannot provide a new visa for applicants not currently based in the United States, but we *may* be able to provide a continuing visa for current doctoral students or postdoctoral scholars.

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, age or protected veteran status. For the complete UC nondiscrimination and affirmative action policy see [here](#). Information about salary and benefits can be explored with the [Visiting Scholars and Postdoctoral Affairs office](#). For salary tables, [see here](#). Salary is based on the year of experience, $66,737-$80,034.