

Postdoctoral Fellowship in Technology and Innovation in Maternal, Child, and Adolescent Health

The [Wallace Center for Maternal, Child, and Adolescent Health](#) (MCAH) at UC Berkeley's School of Public Health is seeking an interdisciplinary postdoctoral fellow to engage in academic research at the intersection of technology, innovation, and reproductive health. The Wallace Center is a research and training program that seeks to harness innovative technologies, including sensors, apps, and wearables for research and behavior change; health information-seeking patterns and online health resources; and web-based big data, as a means of improving research and reducing MCAH disparities. We welcome applicants from diverse academic backgrounds, including engineering, data science, user innovation, computational biology, health technology, or implementation science, who may have experience in technology and innovation and wish to gain specific training in the fields of MCAH or reproductive health. Projects that the postdoctoral scholar could be involved in include: 1) epidemiologic research using big data from a menstrual tracking app to investigate factors associated with cycle irregularity in adolescents and 2) evaluation of a health plan-based prenatal care digital platform on user engagement, access to community resources, and pregnancy health. The postdoctoral fellow would also have the opportunity to develop their own research projects.

The ideal candidate will have:

- A PhD or equivalent from a recognized university in one of the following areas: Public Health, Epidemiology, Data Science, Community Health Sciences, Engineering, Computational Biology, or related field
- Interest in Maternal, Child, and Adolescent Health, with an interdisciplinary perspective
- Excellent quantitative skills
- Superior academic performance and a strong publication record
- Ability to be self-directed with broadly defined limits on assignments
- Excellent communication skills, both oral and written
- Demonstrated ability to interact efficiently with diverse people in a highly multidisciplinary environment.
- *Applicants must be US citizens or hold Permanent Resident status*

Additional skills may include:

- Experience analyzing big data (such as from apps, social networks, or search engines)
- Familiarity with evaluating programs, interventions, or technologies
- A background in reproductive health, women's health, or child and adolescent health

This two-year fellowship would begin in Summer or Fall 2020 and supports salary, health insurance, research expenses, and travel to attend professional meetings. Successful completion of the fellowship entails meeting learning objectives set by the fellow and faculty mentor. The University of California offers a comprehensive benefits package including medical, dental, vision, accidental death and dismemberment, short term disability,

voluntary long term supplemental disability and life insurance. Salary scales for postdoctoral fellows are set by the University of California Office of the President, more information can be found [here](#). The University also has a number of policies and programs to support employees balance work and family. There is specific interest in recruiting individuals from racially and ethnically diverse backgrounds in addition to disadvantaged backgrounds.

How to Apply: Applicants should prepare a CV and a letter of research interest. Email both documents to mcahprogram@berkeley.edu with the subject line “**Wallace Post Doc App**”.

For more information about the School of Public Health please visit sph.berkeley.edu. More information about the Wallace Center can be found at wallacecenter.berkeley.edu.