



**Stanford University**

**GRANT MILLER, PHD, MPP**  
Henry J. Kaiser, Jr. Professor  
School of Medicine

### **Full-time Postdoctoral Scholar**

The Stanford Human Trafficking Data Lab is accepting applications for a postdoctoral fellowship position, open to recent graduates of PhD programs in statistics, bioinformatics, biostatistics, epidemiology, or related data science fields. The position provides opportunities to participate in rigorous, quantitative research on human trafficking, including challenging prediction problems, remote detection research, and primary data collection and analysis. The successful candidate will have strong data science skills, including experience working with large, complex data from varied sources, and machine learning methodologies. The underlying data are complex and these projects will require sophisticated data management and integration skills.

The postdoc will work in partnership with PIs Grant Miller (School of Medicine), Mike Baiocchi (School of Medicine), Trevor Hastie (Department of Statistics), and other research team members, and will contribute to study design, participate in field research, conduct data analysis, and disseminate findings through academic publications and presentations. The postdoctoral fellow will be expected to focus mainly on existing projects, but may spend up to 20% of their time on independent research. For more on the lab's projects see [here](https://fsi.stanford.edu/news/melding-ai-and-algorithms-health-care-and-policy-combat-human-trafficking) (<https://fsi.stanford.edu/news/melding-ai-and-algorithms-health-care-and-policy-combat-human-trafficking>). The postdoc will be based at Stanford in the Department of Health Policy, located next to the Departments of Economics and Political Science and the Graduate School of Business.

The ideal candidate will be interested in an academic research career conducting epidemiologic research related to reproductive, maternal, and infant health outcomes. The candidate will have:

- Familiarity with statistical software, (e.g., SAS, R)
- Strong training in quantitative epidemiologic methods (e.g., causal inference methods, Bayesian methods)
- Strong written and interpersonal communication skills
- Highly motivated to make a difference in combatting human trafficking

**TO APPLY:** Please email a single PDF document named “[Lastname, Firstname] NBER\_Postdoc\_2022” containing the following materials to Lizzy Constantz at [ejkassen@stanford.edu](mailto:ejkassen@stanford.edu):

1. A cover letter describing
  - a. Your interest in this position
  - b. Your relevant training and experience
  - d. Names, e-mail addresses, and phone numbers of 2-3 references
  - e. Your earliest and preferred start dates
2. A current CV
3. A transcript (unofficial is fine)
4. An original research paper (if available).

Applications will be considered on a rolling basis. Applicants whose backgrounds and experience would contribute to the diversity (broadly defined) of the Department and University are particularly encouraged to apply. Short-listed applicants will be asked to complete a technical exercise and may be called for an interview.