Post Doctoral Researcher

Position Information

For security purposes, this system automatically logs you off when it senses no activity for 60 minutes. Please click either the Next button or you can go to different pages of the application by selecting the page from the dropdown menu and clicking GO button every 60 minutes in order to avoid losing your data.

Position Information

Top Message	**Both current Ohio State employees and the general public may apply for this unclassified professional position.**
Message to Applicants	
Number of Positions Available	1
University Title	Post Doctoral Researcher
Working Title	Post Doctoral Researcher
Department	Sociology
Department Location	Columbus
Requisition Number	452537
Summary of Duties	The Department of Sociology, within the College of Arts and Sciences, seeks a postdoctoral researcher to join our team. The College of Arts and Sciences is the largest college and the academic heart of the university. The College hosts 81 majors. With 38 departments, 20+ world-class research centers, and more than 2,000 faculty and staff members, students have the unique opportunity to study with the best artists, scholars, and scientists in their field. The College values diversity and offers a supportive, open, and inclusive community. The postdoctoral researcher will join a multi-institution team working to create and improve statistical and computational methods to characterize the burden of disease globally. The project focuses on improving and implementing the verbal autopsy method for ascertaining cause of death when traditional autopsy is not feasible. Verbal autopsy uses information obtained from the caregiver(s) of a recently deceased person to assign likely causes to the death. This work is funded by the National Institutes of Health and Bloomberg Philanthropies. The project works in four areas: (i) developing new statistical methods to classify deaths by cause using data from verbal autopsies, (ii) understanding measurement error inherent in verbal autopsy interviews, (iii) contributing to the creation and maintenance of global standards for verbal autopsy, and (iv) developing software to integrate automated cause of death classification methods into civil registration and vital statistics work flows in 10-20 developing countries in Africa, Asia, and Latin America. While making contributions in all three areas, the Postdoctoral Researcher's primary responsibility will be developing and improving new statistical methods for the automated classification of deaths by cause using verbal autopsy data. The Postdoctoral Researcher will join a highly active team consisting of statisticians at the University of Washington and Yale University; the OSU-based team; and collaborators at the World Health Organization, the US CDC, the London School of Hygiene and Tropical Medicine, and Vital Strategies (a Bloomberg grantee). The project is expected to publish methods development in statistical journals, substantive applications in health and medical journals, and to create and disseminate robust open source software to implement the methods. The Postdoctoral Researcher will be expected to lead work on publications aimed at leading statistical journals, to present that work at statistics conferences, and to create open source software implementing the results. For examples see: goo.gl/ZMXZQf, goo.gl/5CQ5Zq, openva.net. This is a two-year position. The initial term of appointment is one year, with reappointment to a second year conditional on performance and availability of funds. Inquiries about this position should be directed to Sam Clark (clark.2962@osu.edu).
Additional Information for Applicants:	**This position has been reposted**
Pre Employment Screening	**Requires the successful completion of a background check.**
Required Qualifications	PhD in statistics, computer science, or related field with experience in statistical/computational

methods development.

Desired Qualifications	Specific experience with classification algorithms, topic models, graphical models, and related topics; experience with software development and open source tools such as R, Python, Github, Java, C, etc. Interest in population and health research; experience with data management.
Target Salary	$55,000.00 - $60,000.00 Annually
Job Category	Research
Job Appointment (FTE%)	100.0
Full/Part Time	Full-time
Temporary or Regular	Term
Posting Start Date	08/17/2019
Posting End Date	09/29/2019
Dept Contact Name	Betts,Nicola Rae
Dept Contact Phone	614/292-8432
Quick Link	http://www.jobsatosu.com/postings/97400

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * Are you related in any way to a faculty/staff member in the unit of the position for which you are applying?

   - Yes
   - No

2. * What prompted you to apply for this position at The Ohio State University? Please select an answer below:

   - Referred by personal contact
   - Referred by OSU recruiter
   - Job/Career Fair
   - JobsatOSU.com
   - LinkedIn
   - Twitter
   - Monster.com
   - Columbus Dispatch
   - Dice.com
   - Professional organization
   - HERC (Higher Education Recruitment Consortium)
   - Local newspapers
   - Other

3. * Do you have a PhD in statistics, computer science, or related field?

   - Yes
   - No

4. * Do you have at least one year of experience in statistical/computational methods development?

   - Yes
   - No

5. * Do you have at least one year of experience with classification algorithms, topic models, graphical models, and related topics?

   - Yes
   - No

6. * Do you have at least one year of experience with software development and open source tools such as R, Python, Github, Java, C, etc.?

   - Yes

- No

7. * Do you have at least one year of experience with data management?

    - Yes
    - No

Required Documents

Required Documents

Optional Documents

1. Resume
2. Cover Letter
3. Other