

Post-Doctoral Fellowship in Population Health and Data Science

Location: University of Maryland School of Pharmacy, Baltimore Maryland

Description: Post-doctoral fellowship in population health and data science available starting immediately at the University of Maryland, Baltimore, School of Pharmacy, in the Department of Practice, Sciences and Health Outcomes Research, Center for Population Health and Data Science.

The fellowship provides multidisciplinary, advanced training to researchers and clinicians, and prepares fellows for positions in academia, government, and the consulting, healthcare, pharmaceutical and insurance industries.

Fellows will engage in analyses of large claims and electronic health record data sets, including social determinants of health, for epidemiologic and pharmaco-economic studies and comparative effectiveness research, with activities funded by the FDA, MDH, BHA, SAMHSA, AHRQ, PCORI, NIH, foundations, and private corporations.

Training includes mentored research, grant-writing, publication, presentation, and teaching experiences; it may also include coursework. This position involves working closely with on-campus and external partners.

Qualifications: Doctoral level degree in Biostatistics, Epidemiology, Economics, Health Services Research, Operations Research, Public Health, or related analytical field is required. Excellent communication, organizational, and time-management skills are a must. Research grant writing experience is highly desired.

Additional requirements include:

Expertise in machine learning, deep learning, natural language processing and other AI methods in health and life sciences datasets
Proficiency in causal inference modeling and other advanced statistical approaches in econometrics, outcomes, or health services research

Knowledge of SAS, R, Python, and SQL, or data visualization software required

Knowledge of open/public/private databases including but not limited to clinical trials and drug databases

Fellows receive benefits and a competitive salary and a generous benefits package.

The University of Maryland is an equal opportunity employer.

How to Apply: Applicants should submit by email (Subject: POST-DOC), a letter of interest, a CV, and the names, address, email, and phone number of two references. Review of applications will start immediately.

Submit your application to Administrator:

Data2Action@rx.umaryland.edu and put POST-DOC in the subject line.

The University of Maryland, Baltimore is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected Veteran status, age, or any other characteristic protected by law or policy.

If you need a reasonable accommodation for a disability, for any part of the employment process, please contact us a HRJobs@umaryland.edu and let us know the nature of your request and your contact information. Please note that only inquiries concerning a request for a reasonable accommodation will be responded to from this email address.