RESEARCHER

Req #: 191862
Department: INSTITUTE FOR HEALTH METRICS AND EVALUATION
Posting Date: 06/16/2021
Closing Info: Open Until Filled
Salary: Salary is commensurate with education and experience
Union Position: Yes
Shift: First Shift

As a UW employee, you have a unique opportunity to change lives on our campuses, in our state and around the world. UW employees offer their boundless energy, creative problem solving skills and dedication to build stronger minds and a healthier world.

UW faculty and staff also enjoy outstanding benefits, professional growth opportunities and unique resources in an environment noted for diversity, intellectual excitement, artistic pursuits and natural beauty.

The Institute for Health Metrics and Evaluation (IHME) is an independent research center at the University of Washington. Its mission is to deliver to the world timely, relevant, and scientifically valid evidence to improve health policy and practice. IHME carries out its mission through a range of projects within different research areas including: the Global Burden of Diseases, Injuries, and Risk Factors; Future Health Scenarios; Costs and Cost Effectiveness; Resource Tracking; and Impact Evaluations. Our vision is to provide policymakers, donors, and researchers with the highest-quality quantitative evidence base so all people live long lives in full health.

IHME is committed to providing the evidence base necessary to help solve the world’s most important health problems. This requires creativity and innovation, which is cultivated by an inclusive, diverse, and equitable environment that respects and appreciates differences, embraces collaboration, and invites the voices of all IHME team members.

**IHME has an excellent opportunity for a Researcher to join our team.** We are looking for someone ready to continue their career in global health research. IHME Researchers analyze and produce key estimates for their assigned research team and will assess all available relevant quantitative data – including those on causes of death, epidemiology, and a range of determinants such as education and income – from surveys, vital registration, censuses, literature, registries, and administrative records. Using established modeling tools and through creation of novel code, researchers incorporate all relevant data to produce the most up-to-date and scientifically credible results. This position will be a part of the HIV Team, focusing on research looking
into the global burden of HIV.

The GBD HIV team at IHME is currently looking for a Researcher to help estimate the global burden of HIV. We do so by leveraging large amounts of data, working within a complex analytical framework, and engaging with a diverse global collaborator network. You will be integrally involved in producing, critiquing, improving, and disseminating results. You already have a command of epidemiology, statistics, disease modeling, decomposition analyses, or related interests, and we will help you develop an understanding of our core research and methodology. Our researchers work with senior research leads and external collaborators and take part in the intellectual exchange about how to improve upon and disseminate the results.

You are expected to interact successfully with a wide range of partners and to describe complex concepts and materials concisely. Overall, Researchers are critical members of agile, dynamic research teams. This position is contingent on project funding availability.

**Responsibilities:**

- Develop a core understanding of HIV methodology and its components.
- Develop an in-depth understanding of the scientific and epidemiologic domain of HIV/AIDS.
- Under the guidance of experienced scientist and/or faculty, carry out quantitative analyses and statistical modeling to produce results designated on a given timeline as part of collaborative research projects.
- Review and assess data sources in order to determine their relevance and utility for ongoing analyses. Sources include vital registration, censuses, surveys, registries, administrative data, and academic literature. Become expert in understanding key data sources and, in particular, variations in these across and within countries.
- Review, assess, and improve results and methods.
- Develop and implement new computational and statistical methods. Create, test, and use relevant computer code (Stata, R, or Python). Maintain and distribute completed software as needed.
- Document code and analytic approaches systematically so that analyses can be replicated by other team members.
- Lead discussion in research meetings about results and analyses to vet, improve, and finalize results.
- Contribute to creation of presentations, manuscripts, and funding proposals. Co-author paper(s).
- Maintain scientific awareness and intellectual agility with data, methods, and analytic techniques.
- Other duties as assigned that fall within reasonable scope of research team.

As a UW employee, you will enjoy generous benefits and work/life programs. For a complete description of our benefits for this position, please visit our website, [click here](https://uw hires.admin.washington.edu/ENG/candidates/default.cfm?szCategory=jobprofile&jobhistory=1&szOrderID=191862).

**REQUIREMENTS**

- Master's degree in public health, epidemiology, statistics, biostatistics, math, economics, quantitative social sciences, or related discipline plus 1 year related experience, or equivalent combination of education and experience.

*Equivalent education/experience will substitute for all minimum qualifications except when there are legal requirements, such as a license/certification/registration.*

**Additional Requirements:**

- Proven interest and some experience in a given disease, risk, key indicator, methodological area, and the related data sources and scientific underpinnings.
- Strong analytic, critical thinking, and quantitative skills.
• Working ability with programming in R, including developing new code and troubleshooting existing code. Additional experience with Python highly preferred.
• Results- and detail-oriented individual who can initiate and complete tasks under tight deadlines and changing priorities both independently and in a team environment. Flexibility with hours and workload is key.
• Demonstrated self-motivation, ability to absorb detailed information, flexibility, and ability to thrive in a fast-paced, energetic, highly creative, and entrepreneurial environment.
• Demonstrated ability in managing complex projects with a myriad nuances and moving parts.
• Excellent communication skills, both oral and written.
• Ability to professionally and effectively communicate roadblocks to team managers, as well as identifying areas for self-improvement.
• Ability to navigate multiple tools, learning platforms, and documentation material with ease and agility.
• Ability to work both independently and in collaboration with a team.
• A long-term interest in a research scientist position contributing to the overall mission of our research.

A commitment to working to alongside others at IHME to illuminate the health impacts of systemic racism and to work within IHME to make our organization more diverse and inclusive. See IHME’s DEI statement here: http://www.healthdata.org/get-involved/careers/dei.

**DESIRED**

• Track record of success in co-authorship on scientific papers, presenting results, and representing research at meetings.
• Knowledge of machine learning, data mining, and analytic techniques.

**CONDITIONS OF EMPLOYMENT**

• This position is open to anyone authorized to work in the US. The UW is not able to sponsor visas for staff positions.
• Weekend and evening work sometimes required.
• Office is located in Seattle, Washington. This position is eligible to work fully remote in the US; work schedule required to overlap 100% (8 hours) with IHME office hours, between 8 a.m. and 6 p.m. Pacific Time.

Committed to attracting and retaining a diverse staff, the University of Washington will honor your experiences, perspectives and unique identity. Together, our community strives to create and maintain working and learning environments that are inclusive, equitable and welcoming.

**Application Process:**
The application process for UW positions may include completion of a variety of online assessments to obtain additional information that will be used in the evaluation process. These assessments may include Workforce Authorization, Cover Letter and/or others. Any assessments that you need to complete will appear on your screen as soon as you select “Apply to this position”. Once you begin an assessment, it must be completed at that time; if you do not complete the assessment you will be prompted to do so the next time you access your “My Jobs” page. If you select to take it later, it will appear on your “My Jobs” page to take when you are ready. **Please note that your application will not be reviewed, and you will not be considered for this position until all required assessments have been completed.**

Applicants considered for this position will be required to disclose if they are the subject of any substantiated findings or current investigations related to sexual misconduct at their current employment and past employment. Disclosure is required under Washington state law.
Committed to attracting and retaining a diverse staff, the University of Washington will honor your experiences, perspectives and unique identity. Together, our community strives to create and maintain working and learning environments that are inclusive, equitable and welcoming.

The University of Washington is a leader in environmental stewardship & sustainability, and committed to becoming climate neutral.

The University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, protected veteran or disabled status, or genetic information.

To request disability accommodation in the application process, contact the Disability Services Office at 206-543-6450 or dso@uw.edu.