RESEARCHER

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Req #:	193007
Department:	INSTITUTE FOR HEALTH METRICS AND EVALUATION
Job Location Detail:	Office in located in Seattle; position is eligible to work fully remote within the U.S. (excluding U.S. territories)
Posting Date:	11/22/2021
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 monitor global health conditions and health systems, as well as to evaluate interventions, initiatives, and reforms. IHME carries out 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. The aim is to provide policymakers, donors, and researchers with the highest-quality quantitative evidence base to make decisions that achieve better health.

IHME has an excellent opportunity for a Researcher to join the Tobacco Metrics team. This team engages in methodological development and analysis to measure tobacco use as part of both an independently funded tobacco research project and the Global Burden of Diseases, Injuries, and Risk Factors (GBD) Study. The GBD is a systematic, scientific effort to quantify the comparative magnitude of health loss due to diseases, injuries, and risk factors by age, sex, and geography over time, and is the largest and most comprehensive effort to date to measure epidemiological levels and trends worldwide.

IHME researchers analyze and produce key estimates for their assigned research team and will assess all available 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.

You will be integrally involved in producing, critiquing, improving, and disseminating results. You already have a command of epidemiology, statistics, disease modeling, 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 the field of tobacco research, including a range of products, global policy landscape, and research methodology and its components.
- Under the guidance of experienced scientist and/or faculty, carry out survey development, implementation, and quantitative analyses and statistical modeling to produce results designated on a given timeline as part of collaborative research projects.
- Extract data from various sources and databases. Format, transform, review, and assess data sources to determine their relevance and utility for ongoing analysis. Understand key data sources and variations in these across and within countries.
- Review, assess, and improve results and methods.
- Apply computational and statistical tools and algorithms for the preprocessing, analysis, and visualization of source data.
- 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.

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.

Additional Requirements:
•   Proven interest and some experience in the field of measuring and evaluating tobacco use, tobacco control policies, and their methodologies and scientific underpinnings.
•   Strong analytic, critical thinking, and quantitative skills.
•   Ability to professionally and effectively communicate and work with other staff at all levels in order to achieve team goals for the analyses and related outputs.
•   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.
•   Proficiency coding with R.
•   Excellent communication skills, both oral and written.
•   Ability to work both independently and in collaboration with a team.

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

Additional Requirements:

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.
•   Proven interest and some experience in survey methodology and primary data collection.

CONDITIONS OF EMPLOYMENT

•   Weekend and evening work sometimes required.
•   This position is open to anyone authorized to work in the US. The UW is not able to sponsor visas for staff positions.
•   Office is located in Seattle, Washington. This position is eligible to work fully remote in the US; work schedule required to overlap 50% of 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 <u>Washington state law</u>.

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

<u>The University of Washington is an affirmative action and equal opportunity employer.</u> 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 <u>dso@uw.edu</u>.

COVID-19 VACCINATION REQUIREMENT

Governor Inslee's <u>Proclamation 21-14.2</u> requires employees of higher education and healthcare institutions to be fully vaccinated against COVID-19 unless a medical or religious exemption is approved. Being fully vaccinated means that an individual is at least two weeks past their final dose of an authorized COVID-19 vaccine regimen. As a condition of employment, newly hired employees will be required to provide proof of their COVID-19 vaccination. View the <u>Final candidate guide to COVID-19 vaccination requirement webpage</u> for information about the medical or religious exemption process for final candidates.

Apply for this job