Researcher, Model Based Geostatistics (HIV) and/or Postdoctoral Fellow, Model Based Geostatistics (HIV)

The Institute for Health Metrics and Evaluation (IHME) is a growing organization 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. It uses cutting-edge techniques to tackle some of the most difficult and most critical questions in global health and find answers that will become the foundation for better policies and, ultimately, better health. IHME is seeking to revolutionize the way we track diseases around the world by developing innovative geospatial analytic methods to produce increasingly granular estimates of diseases and determinants.

IHME has an outstanding opportunity for a Researcher and/or a Postdoctoral Fellow whose work will focus on model based geostatistics (MBG) to join our Geospatial Analysis team. The purpose of this position is to help devise and apply innovative methods in geospatial analysis to produce high-quality and policy-relevant estimates of health and health-related indicators at the most granular level possible. To learn more about these opportunities please visit our website.

The Researcher and/or Postdoctoral Fellow must develop a command of the methods developed and deployed and the rationale for them. In this case, the methods are about model-based geostatistics to: model the spatial variation in prevalence of key diseases; model geographical variation in under-five mortality; and model the relationship between syndrome prevalence, incidence, and resulting mortality. These models form a central component of the overall geospatial research. The individual is expected to agilely create and deploy code to carry out complex statistical methods. The individual will be a key contributor to discussions about methods development, strategic decision-making about how best to deploy methods using the given computational infrastructure, and most important how to improve upon the results given the available data.

To learn more about these opportunities please visit our website. [http://www.healthdata.org/get-involved/careers](http://www.healthdata.org/get-involved/careers)