

Three tenure-track faculty positions on data science, e-Health/m-Health and health impact assessment

Descripción

The Barcelona Institute for Global Health (ISGlobal) is a cutting-edge institute addressing global public health challenges through research, translation to policy and education. ISGlobal has a broad portfolio in communicable and non-communicable diseases including environmental and climate determinants, and applies a multidisciplinary scientific approach ranging from the molecular to the population level. Research is organized in three main areas, Malaria and other Infectious Diseases, Child and Maternal Health, and Urban Health, Climate & Non-Communicable Diseases. ISGlobal is accredited with the Severo Ochoa distinction, a seal of excellence of the Spanish Science Ministry.

What We Are Looking for

We are seeking applicants for three full-time tenure-track faculty positions at the rank of Assistant or Associate Professor, to expand expertise in each of these areas: (i) data science; (ii) e-Health/m-Health; and (iii) health impact assessment. Candidates are expected to develop primary research, and promote interactions in ISGlobal. Posts are based at ISGlobal with an anticipated start date in early-mid 2020. Candidates will be provided with a start-up grant to develop the group that includes a position for a postdoc for 3 years.

Responsibilities

The primary responsibilities are to develop a research group in ISGlobal, to collaborate across ISGlobal, to publish scholarly work and to obtain grant funding to support research. Candidates should teach at the masters and doctorate level and participate in advancing the strategic goals of ISGlobal in policy transfer and innovation.

The position on Data Science should develop and apply methods in data mining and machine learning to allow interpretation of complex data handled in ISGlobal including some of the following: biomedical data (e.g. omics, microbiome), health services data sources and complex phenotypic information on infections and NCDs, climate data, and environmental data (e.g. real-time sensor data).

The position on m-Health/e-Health should develop research in one or more of the following areas and promote their application in studies in high and low and middle income countries (LMICs): satellite-based exposure assessment; use of apps, wearables and social media to assess exposures and health outcomes, and for use in screening, diagnostics, surveillance, interventions, and communication with citizens.

The position on Health Impact Assessment should reinforce quantitative HIA as a cross-disciplinary activity in ISGlobal. The new HIA group should develop methods and reinforce research in populations in both high and low/ middle income countries in areas of increasing local and global importance including urban and environmental policies, major lifestyle interventions, and health services interventions.

Qualifications

Depending on the post, candidates must have an earned doctorate in biomedicine, computer sciences/mathematics, epidemiology, biostatistics, environmental sciences or a related discipline by the position start date, a record of peer reviewed publications and experience in teaching graduate-level courses in their corresponding topic areas. Candidates must demonstrate potential for obtaining external research funding.

How to Apply

Applicants should complete the [request form](#) including the corresponding reference: **SO_Faculty_DATA**; **SO_Faculty_EMHEALTH** or **SO_Faculty_HIA**. Review of applications will continue until the positions are filled.

Applications include: (1) a cover letter describing research interests and plans in ISGlobal, (2) Curriculum Vitae, (3) copies of 3 key publications, and/or public repositories of tools/methods (depending on specialty), and (4) the names and contact information for three references. Please contact research.management@isglobal.org for questions about these positions.

Only shortlisted candidates will be contacted.

In ISGlobal we are committed to developing and maintaining a work environment that is: inclusive, equitable, welcoming, and that promotes equal opportunities between women and men, different ages, marital status, race, ethnicity, disabilities, political leanings, religion or sexual orientation.