Job offer: Tenure-track faculty position on “Data Science/Big Data”
Female candidates are encouraged to apply

Description
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 the first global public health centre to have received the Severo Ochoa distinction, a seal of excellence of the Spanish Science Ministry.

What We Are Looking for
We are seeking applicants for a full-time tenure-track faculty positions at the rank of Assistant or Associate Professor, to expand expertise in Data Science/Big Data. Candidates are expected to develop primary research, and promote interactions in ISGlobal. Posts are based at ISGlobal with an anticipated start date in mid-late-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 create a research group in ISGlobal that should develop and apply methods in data mining, machine learning and/or AI, to allow analysis and interpretation of complex biomedical and exposome data handled in ISGlobal, including multi-omics data, multidimensional biomarkers, health services data, phenotypic information on infections and NCDs, and environmental and climate data. Candidates should collaborate across ISGlobal, publish scholarly work, and 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.

Qualifications
Candidates must have an earned doctorate in computer sciences/mathematics, epidemiology, biostatistics, biomedicine or a related discipline by the position start date, a record of peer reviewed publications and experience in teaching graduate-level courses in topic area. 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-SCIENCE_Apr20. 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.