ASSISTANT/ASSOCIATE/FULL PROFESSOR of BIOSTATISTICS or BIOINFORMATICS

DEPARTMENT OF BIOSTATISTICS & MEDICAL INFORMATICS
UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE & PUBLIC HEALTH
and
MORGRIDGE INSTITUTE FOR RESEARCH

The Department of Biostatistics & Medical Informatics (BMI) at the University of Wisconsin School of Medicine & Public Health (SMPH), in collaboration with the Morgridge Institute for Research (MIR), seeks a tenure track assistant/associate/full professor starting by August 2016. Candidates should have a PhD in Biostatistics, Statistics, Bioinformatics, Computational Biology, Biomedical Informatics, Computer Sciences, or a closely related quantitative area, and demonstrated ability to work in a collaborative, interdisciplinary environment.

Relevant expertise may include, but is not limited to, high-dimensional inference, data integration, graphical modeling, experimental design, network analysis, statistical genetics/genomics, machine learning, optimization, combinatorial algorithms, and image analysis. Expertise in statistics related to genetics, genomics, or high-throughput biological experimentation is of especial interest. The incumbent will conduct, publish, and disseminate collaborative and methodological research at the forefront of his/her discipline, including maintaining his/her own independent research program. Attracting and maintaining external funding are parts of the position expectations. Responsibilities will include training graduate students, teaching one BMI course per year, and participating in professional, university, and community service appropriate to rank.

The successful candidate will join the BMI Department, home to faculty with expertise in bioinformatics; clinical informatics; image analysis; biostatistics; and statistical genetics and genomics. Faculty collaborate with scientists across UW and the state, including MIR, the Wisconsin Institute for Discovery, the Institute for Clinical and Translational Research, the Carbone Cancer Center, and the Marshfield Clinic Research Foundation. BMI maintains strong ties to the world-class Departments of Computer Sciences and Statistics, through which many of its graduate students are trained. BMI is home to a new Center for Predictive Computational Phenotyping, funded under the NIH “Big Data to Knowledge” initiative.

Simultaneously, the successful candidate will join an energetic team of investigators in the Virology Focus Area of MIR, which is furthering understanding and control of viruses and their roles in human disease. The interdisciplinary environment of MIR is ideal for quantitative methodological, statistical, and theoretical advances expected of a tenured or tenure track professor. MIR is part of the twin institutes of the Wisconsin Institutes for Discovery, a public-private initiative that facilitates interdisciplinary research and breakthrough discoveries to advance human health and well-being. The ultra-modern MIR laboratory and computational research facility, located on the central UW-Madison campus, has become a hub of collaborative scholarship.

The University of Wisconsin-Madison is a world-class academic institution with an international reputation for basic, applied, and interdisciplinary research. UW-Madison recently surpassed $1 billion in annual research expenditures and ranks third in the nation in science and engineering expenditures. Madison provides a vibrant, culturally rich environment highly ranked in national surveys for quality of life.


AA/EOE. Women and minorities are encouraged to apply. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. A criminal background check will be required prior to employment.