ASSISTANT/ASSOCIATE/FULL PROFESSOR

DEPARTMENT OF BIOSTATISTICS & MEDICAL INFORMATICS

UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE & PUBLIC HEALTH

The Department of Biostatistics & Medical Informatics (BMI) at the University of Wisconsin School of Medicine & Public Health (SMPH) seeks tenure track assistant, associate, and full professors starting around July 2017. Candidates should have a doctoral degree (PhD, ScD, or equivalent) in Bioinformatics, Computational Biology, Biomedical Informatics, Computer Science, or a closely related quantitative area. Key areas of interest include bioinformatics, biomedical informatics, translational bioinformatics, biomedical image analysis, computer vision, and/or clinical research informatics. Other relevant methodological expertise may include, but is not limited to, machine learning, database theory and methods and/or data mining, natural language processing, data privacy and security, and human-computer interaction. A key consideration is the ability and interest to work in a collaborative, interdisciplinary environment.

Successful candidates will maintain a superb research program that ideally involves applications to high throughput biological experiments, genetics and genomics, precision medicine, clinical trials, population health research or health services research, and/or the improvement of clinical care. It is expected that the candidate will attract and maintain external funding to support his/her program, and will collaborate with scientists at UW-Madison, either in the SMPH and/or across campus, and/or its partner institutions. Additional responsibilities will include training graduate students, teaching, and participating in professional, university, and community service appropriate to rank.

The University of Wisconsin-Madison is a world-class academic institution with an international reputation for basic, applied, and interdisciplinary research. UW-Madison regularly ranks in the top 10 or 12 among U.S. public universities, and regularly surpasses $1 billion in annual research expenditures. Madison provides a vibrant, culturally rich environment highly ranked in national surveys for quality of life. The BMI department also provides an exceptional environment for academic activity and interdisciplinary collaboration. BMI faculty collaborate with scientists across UW and the state, including the Institute for Clinical and Translational Research, the UW Carbone Cancer Center, the Marshfield Clinic Research Foundation, the Wisconsin Institute for Discovery, and the Morgridge Institute for Research. BMI maintains strong ties to the world-class Departments of Computer Sciences and of Statistics, through which many of its graduate students are trained. BMI is home to a Center for Predictive Computational Phenotyping, funded under the NIH "Big Data to Knowledge" initiative.

To ensure full consideration, applications must be received by November 15, 2016, although late applications may be accepted. Please see: http://www.ohr.wisc.edu/Weblisting/External/PVLSummaryApply.aspx?pvl_num=87874. To aid in applicant screening, please indicate primary area of interest as "biomedical informatics" in cover letter.

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.