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 multiple tenure track assistant/associate/full professors starting by August 2016. Candidates should have a PhD in Biostatistics, Biomedical Informatics, Statistics, Computer Sciences, or a closely related quantitative area. Areas of interest are broad and reflect areas of needed growth in the Department. They include clinical and population health biostatistics, statistical genetics and genomics, bioinformatics, translational bioinformatics, medical imaging methodology, and 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.

The incumbent will conduct, publish, and disseminate methodological and collaborative research in biomedical data science—biostatistics and/or biomedical informatics—including maintaining his/her own independent research program and pursuing applications to high throughput biological experiments, human genetics and genomics, personalized medicine, clinical/population health research or health services research, and/or the improvement of clinical care. Attracting and maintaining external funding are parts of the position expectations, as is collaborating with scientists at UW-Madison, either in the SMPH and/or across campus, and/or its partner institutions such as the Morgridge Institute for Research or the Marshfield Clinical Research Foundation. 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. 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 new Center for Predictive Computational Phenotyping, funded under the NIH “Big Data to Knowledge” initiative.

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.


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.