

University of Wisconsin - Madison

Position Vacancy Listing

PVL # 96552

Working Title:

Assistant Professor, Associate Professor, or Professor of Machine Learning

Official Title:

PROFESSOR(C20NN) or ASSOCIATE PROFESSOR(C30NN) or ASSISTANT PROFESSOR(C40NN)

Degree and area of specialization:

Doctoral degree (PhD or equivalent) in Computer Science, Biomedical Informatics, Bioinformatics, Computational Biology, Statistics, or a closely related quantitative area.

Area of Specialization: Research focus on machine learning or a closely related area. Other relevant methodological expertise may include, but is not limited to, database theory and methods and/or data mining, natural language processing, data privacy and security.

Minimum number of years and type of relevant work experience:

Years of experience will be commensurate with the rank sought. All candidates must have proven success in conducting research and teaching appropriate to their stage of career. Associate/Full Professor candidates must possess experience and scholarly credentials for appointment with tenure at UW-Madison.

Principal duties:

The successful applicant will be expected to:

1. Develop an independent research program in biomedical informatics, focused on applications of machine learning or data science expertise with demonstrated interest in motivating their methodological research by any of the vast array of applications in the biological, clinical or public health sciences.
2. Conduct research on novel methods and applications of biomedical informatics to address questions in bioinformatics or computational biology, precision medicine, translational bioinformatics, clinical trials and other clinical investigation, population health research or health services research, and/or the improvement of clinical care;
3. Collaborate with investigators at UW-Madison and/or its partner institutions in the broad area of biomedical informatics;
4. Publish results in leading biomedical informatics, and/or biomedical journals appropriate to areas of application;
5. Teach courses, usually about 1 course per year, at the graduate and/or undergraduate levels;
6. Train and mentor graduate students and postdoctoral researchers; and
7. Participate in professional and university service appropriate to the faculty rank.

Additional Information

Applicants should indicate how they will contribute to increasing diversity of the campus.

As most appointments in the Department of Biostatistics and Medical Informatics are joint or affiliate with other the departments of Computer Sciences or Statistics, it is possible that this hire will also be joint with either Computer Sciences or Statistics in the College of Letters & Sciences.

Requirements:

A criminal background check will be conducted prior to hiring.

Employee Class:

Faculty

Department(s): SMPH/BIOSTAT &MED I

Full Time Salary Rate: Negotiable
ANNUAL (12 months)

Term: N/A

Appointment percent: 100%

Anticipated begin date: JULY 01, 2019

Number of Positions: 1

TO ENSURE CONSIDERATION

Application must be received by: FEBRUARY 15, 2019

HOW TO APPLY:

To begin the application process please click on the 'Apply Now' button. You will be asked to submit a cover letter, curriculum vitae, a statement of research and teaching interests, and a document containing three (3) sample publications. You will also be asked to submit contact information for three (3) references. Upon application submission, your references will be automatically contacted to upload a letter of reference.

The deadline for assuring full consideration is February 15, 2019, however, the position will remain open and applications may be considered until the position is filled.

Questions about the position can be directed to:

Nick Harding Phone: 608-265-3735

750 Highland Ave Fax: N/A

4150u Health Sciences Learning Cnt Email: neharding@wisc.edu

Madison, WI 53705-2221

Relay Access (WTRS): 7-1-1 (out-of-state: TTY: 800.947.3529, STS: 800.833.7637) and above Phone number (See [RELAY SERVICE](#) for further information.)

If you need to request an accommodation because of a disability you can find information about how to make a request at the following website:
<http://www.oed.wisc.edu/478.htm>

NOTE: Unless confidentiality is requested in writing, the names of applicants must be released upon request. Finalists cannot be guaranteed confidentiality. In the case where there are fewer than five finalists, the names of the five most qualified candidates must be released upon request.

**UW-Madison is an equal opportunity/affirmative action employer.
We promote excellence through diversity and encourage all qualified individuals to apply.**

Feedback, questions or accessibility issues: ohrwebmaster@ohr.wisc.edu

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