Multiple Tenure-Track Faculty Positions in the Department of Information Systems, University of Maryland, Baltimore County (UMBC)

The Department of Information Systems (IS) at UMBC invites applications for four tenure-track faculty positions starting August 2024. One of these positions is at assistant professor level and the other three are open rank. One open rank position is preferably in the area of human centered computing and the other open rank position is preferably in the area of data or business analytics, and the other two positions are in any area that will complement and extend our current strengths, including but not limited to AI, data science, human centered computing, health informatics, software engineering, and computer education. More information about research interests of our faculty can be found at https://informationsystems.umbc.edu/home/research/. Candidates with research interests cross-cutting multiple areas are particularly encouraged to apply. Candidates must have earned a Ph.D. in related fields no later than August 2024. We are particularly interested in receiving applications from individuals who are members of groups that historically have been under-represented in the professoriate, and individuals who are willing to contribute to the diversity mission of the university and the department.

The Department has 40 full-time faculty and over 2,000 students, including over 80 PhD students. The department offers nine degree programs including undergraduate degrees in Information Systems and Business Technology Administration. Graduate degree programs, MS and PhD, are offered in both Information Systems and Human-Centered Computing, including an innovative online MS program in IS. In addition, the Department houses the Master's in Health Information Technology and the Master's in Software Engineering, both as professional degree programs. Our faculty are actively engaged in collaborative interdisciplinary research within and across departments and institutions. Six of our current faculty have received NSF CAREER awards. IS faculty members lead four research centers: the Center for Real-time Distributed Sensing and Autonomy (CARDS), the Interactive Systems Research Center (ISRC), NSF HDR institute for Harnessing Data and Model Revolution in the Polar Regions (iHARP), and the UMBC site of the Center for Advanced Real Time Analytics (CARTA). Further details can be found at https://informationsystems.umbc.edu/.

UMBC is an R1 public research university that is leading the world in inclusive excellence in research and teaching. UMBC is ranked #12 among all U.S. universities in undergraduate teaching (US News). To continue to support this goal, the Center for the Advancement of Learning and Teaching (CALT) provides excellent support such as classroom observation, collection and analysis of student feedback as well as regular workshops and pedagogical demonstrations. Our research is bold, cross-disciplinary, and leverages our location near government agencies, such as NIH, NASA, NSF, NIST, DOD, NIDILRR and USGS. UMBC's strategic location in the Baltimore-Washington corridor puts us close to many high-tech companies and local area medical and nursing schools as well. The 2022 Chronicle of Higher Education also named UMBC as one of the great colleges to work for. The department, college and UMBC are deeply committed to the success of all of our faculty. We provide mentoring programs which offer regular and structured support for faculty to develop a thriving and successful research program, including launch committees for new faculty, and the Eminent Scholar mentoring program which helps faculty to build relationships with leaders in the field beyond UMBC. The campus is close to both energetic urban centers and family-friendly suburbs. Nearby cities such as Columbia and Ellicott City have been routinely ranked in the top 10 best places to live in the US by Money Magazine. For more information, please visit https://prospective-faculty.umbc.edu/

Candidates are expected to establish a collaborative, externally funded, and nationally recognized research program and contribute to teaching a variety of graduate and undergraduate courses offered by the department effectively. We expect candidates to be innovative in terms of pedagogical methods, course content, and curriculum development, and be committed to advising, mentoring and supporting student success. Successful candidates for the Assistant Professor rank should be able to develop an independent research program. Candidates for the Associate Professor rank should also have a strong record of research, teaching, service, and a sustained externally-funded research program. Candidates for the Full Professor rank should also demonstrate leadership in their field, hold an excellent academic record, have a strong mentoring record, and show an excellent history of securing external funds for multiple sizable research projects. All candidates need to demonstrate a commitment to diversity, equity, and inclusion in their work or activities to date as well as the potential to contribute to diversity and inclusion based on their proposed activities at UMBC.

UMBC is a national model for diversity and inclusive excellence in STEM. Examples of these are our Meyerhoff Scholar programs (http://meyerhoff.umbc.edu/), the Center for Women in Technology (http://cwit.umbc.edu), and PROMISE: Maryland's AGEP (https://promise.umbc.edu/) and McNair Scholars (https://mcnair.umbc.edu/) programs. Inclusive excellence is a hallmark of UMBC and a foundational value of our community. UMBC is the nation's #1 producer of Black undergraduates who go on to complete a Ph.D. in the natural sciences or engineering and #1 for Black undergraduates who complete an M.D./Ph.D., based on NSF data.

The IS department is proud to support a diverse student and faculty body in terms of gender, race, and ethnicity. For example, our undergraduate student population has 32% female and 39% underrepresented minorities. The IS faculty has a culture of inclusive excellence, demonstrated by both academic research such as community engaged scholarship, research on improving accessibility of technology to individuals with disabilities, as well as efforts to address diversity issues in STEM through efforts such as CWIT scholar program and starting a regional chapter of Women in Data Science and Machine Learning. More than half of the leadership positions in the department are currently held by women faculty.

Applications for the positions must be submitted as PDF files via Interfolio at http://apply.interfolio.com/133068.

A complete submission will consist of:

1) Cover letter
2) CV
3) Statement of demonstrated commitment to diversity and inclusive excellence (recommended length: one page).
4) Statement of teaching philosophy (recommended length: one page).
5) Statement of research interests (recommended length: two pages).
6) Names and contact information of at least three references. Letters will be required later for short-listed candidates.

Candidates' experience will be evaluated commensurate to the rank to which they are applying. For inquiries, please email to is_faculty_search_2023@umbc.edu. An informational webinar will also be held Tuesday November 28th at 5pm Eastern. If you are interested in the webinar, please register at https://forms.gle/9A3TQeGvCLygauiz5. Review of applications will begin in

late December 2023 and will continue until the position is filled.

UMBC is an Affirmative Action/Equal Opportunity Employer and welcomes applications from minorities, women, veterans, and individuals with disabilities.