**UMBC**

**University of Maryland Baltimore County**

**An Honors University in Maryland**

**Information Systems Department**

**Two Tenure Track positions on Data Science / Big Data**

**One Tenure Track position in Artificial Intelligence/Knowledge Management**

The Information Systems (IS) Department at UMBC is committed to increasing the diversity of our community. We invite applications for three **tenure-track** faculty positions at the Assistant Professor level starting August 2017. We are searching for two candidates with research interests and experience in Data Science, a research area with high growth and impact in environmental sciences, health care, security, applied statistics and others. The ideal candidate will have expertise in conducting large-scale data science research, such as extracting knowledge from data of increasing sizes, velocity, and variety to improve decision making in one or more application domains closely relevant to active research areas in the IS department. We are also searching for a candidate with research interests and experience in Artificial Intelligence (AI) and/or knowledge management (KM). The ideal candidate should have expertise in conducting AI/KM research to improve decision making in application domains such as social computing, health, business analytics, environmental sustainability, and public welfare. Candidates must have earned a PhD in Information Systems or a related field no later than August 2017.

The research areas in the department are: Artificial Intelligence/Knowledge Management, Databases and Data Mining, Human Centered Computing, Software Engineering, and Health Information Technology. Candidates should be engaged in research that fosters collaboration with at least one of the research areas. Therefore, preference will be given to those who can collaborate with current faculty within and across departments at UMBC, fostering interdisciplinary research. Candidates are expected to establish a collaborative, externally funded and nationally recognized research program as well as contribute to graduate and undergraduate teaching, advising, and mentoring that support diversity and inclusion.

The Department offers 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. Consistent with the UMBC vision, the Department has excellent teaching facilities, state-of-the-art laboratories, and outstanding technical support. Further details on our research, academic programs, and faculty can be found at http://www.is.umbc.edu.

UMBC is a dynamic public research university integrating teaching, research and service. As an Honors University, the campus offers academically talented students a strong undergraduate liberal arts foundation that prepares them for graduate and professional study, entry into the workforce, and community service and leadership. UMBC emphasizes science, engineering, information technology, human services and public policy at the graduate level. UMBC contributes to the economic development of the State and the region through entrepreneurial initiatives, workforce training, K-16 partnerships, and technology commercialization in collaboration with public agencies and the corporate community. Diversity is a core value of the UMBC and we believe that the educational environment is enhanced when diverse groups of people with diverse ideas come together to learn. Therefore, members of under-represented groups including women, minorities, veterans and individuals with disabilities are especially encouraged to apply.

UMBC continues to lead *U.S. News* national university rankings placing fourth in Most Innovative National University and sixth in Undergraduate Teaching. *The Chronicle of Higher Education* for the fifth consecutive year has listed UMBC in the “honor roll” of "Great Colleges to Work For"; it is the only Maryland four-year institution to be recognized. Our strategic location in the Baltimore-Washington corridor puts us close to many important federal laboratories, agencies and high-tech companies. UMBC’s campus is located on 500 acres just off I-95 between Baltimore and Washington DC, and less than 10 minutes from the BWI airport and Amtrak station. The campus includes a center for entrepreneurship, and the [bwtech@UMBC](http://www.bwtechumbc.com/) research and technology park, which has special programs for startups focused on cybersecurity, clean energy, life sciences and training. We are surrounded by one of the greatest concentrations of commercial, cultural and scientific activity in the nation. Located at the head of the Chesapeake Bay, Baltimore has all the advantages of modern, urban living, including professional sports, major art galleries, theaters and a symphony orchestra. The city’s famous Inner Harbor area is an exciting center for entertainment and commerce. The nation’s capital, Washington, DC, is a great tourist attraction with its historical monuments and museums. Just ten minutes from downtown Baltimore and 30 from the D.C. Beltway, UMBC offers easy access to the region’s resources by car or public transportation.

Electronic submission of application is required at <http://apply.interfolio.com/37306> for the two positions in Data Science/Big Data and all Artificial Intelligence/Knowledge Management applicants should apply at <http://apply.interfolio.com/37179>. All applications for all three positions must be submitted as PDF files, which include a cover letter, CV, a one-page statement of teaching interests, a one-page statement of research interests and names and contact information of at least three references. For inquiries, please contact Barbara Morris at (410) 455-3795 or bmorris@umbc.edu. Review of applications will begin in November 2016 and will continue until the positions are filled, subject to the availability of funds.

**UMBC is an Affirmative Action/Equal Opportunity Employer and is committed to increasing the diversity of its faculty. Applicants from traditionally underrepresented groups are especially encouraged to apply.**