Seeking applicants for a Postdoctoral Researcher Position in the Information Systems Department at the University of Maryland Baltimore County in Baltimore, MD. The successful candidate will work under the supervision of Dr. Carolyn Seaman, a full professor and researcher in empirical software engineering, on research and professional development tasks with the goal of preparing the postdoc for a career in academia. The postdoc activities will include:

- Assist with advising research students (undergraduate, MS, and PhD)
  - Coach students on presentation skills
  - Review and give initial feedback on written work
  - Assign research tasks to undergraduate and MS students
  - Advise PhD students on research design
- Assist with managing the EASEL group
  - Coordinate regular lab meetings
  - Schedule speakers and topics for lab meetings
- Conduct research with postdoc advisor
  - With the advisor, do long-term planning for postdoc’s research agenda during and beyond the postdoc period
  - Help develop new collaborations
  - Participate in study design, data collection, and data analysis for new studies
  - Participate in existing research projects in technical debt and regulatory compliance
  - Prepare documents for IRB approval
  - Collaborate in designing and writing grant proposals
  - Co-author papers with advisor, students, and other faculty
  - Review manuscripts for conferences and journals
- Teaching
  - One to two regular semester courses for the Information Systems department

The postdoc period will be 18-24 months. The annual salary is US$60,000/year, plus full benefits and a travel stipend.

Candidates must complete or have completed a Ph.D. in Information Systems, Computer Science, or a related discipline, by the end of 2020. Successful candidates will also have published dissertation-level research in the areas of empirical software engineering, software maintenance, technical debt, software security and privacy, and/or software metrics.

Carolyn Seaman is a Professor of Information Systems at the University of Maryland Baltimore County (UMBC). She is also the Director of the Center for Women in Technology, also at UMBC. Her research consists mainly of empirical studies of software engineering, with particular emphasis on maintenance, organizational structure, communication, measurement, and technical debt. She also investigates qualitative research methods in software engineering, as well as computing pedagogy. She holds a PhD in Computer Science from the University of Maryland, College Park, a MS from Georgia Tech, and a BA from the College of Wooster (Ohio).

UMBC is a selective, medium-sized public research university located in suburban Maryland, close to BWI Airport. The campus community includes 11,000 undergraduates and 2,600 graduate students, 500 full-time faculty, and 1250 other employees. We are surrounded by a major concentration of commercial, cultural and scientific activity.
The IS department at UMBC has 23 tenure-track faculty, and 6 full-time lecturers. The IS department has over 980 undergraduate students pursuing a BS degree in Information Systems or a BA degree in Business Technology Administration. In addition, there are more than 450 graduate students enrolled in masters and doctoral programs in Information Systems, Human-Centered Computing, or Healthcare IT.

UMBC is an affirmative action/equal opportunity employer; its efforts in promoting the hiring and advancement of women in science and engineering, initially funded by an NSF ADVANCE award, have been institutionalized and made part of the fabric of our university’s commitment to diversity. We welcome applications from women, minorities, and individuals with disabilities.

If interested, or you have questions, please contact Carolyn Seaman at cseaman@umbc.edu.