UMBC | CHEMICAL BIOCHEMICAL AND ENVIRONMENTAL ENGINEERING

PHD GRADUATE ASSISTANTSHIP IN MODELING OF URBAN HYDROLOGIC SYSTEMS

Description

The DOE-supported Baltimore Social-Environmental Collaborative (BSEC) Integrated Field Laboratory seeks applicants to the UMBC Ph.D. program in Environmental Engineering to carry out hydrologic modeling of urban groundwater-surface water systems at the watershed scale. A background in engineering or earth science that includes numerical analysis is required. Work will be carried out in collaboration with a multidisciplinary team of co-PIs across eight institutions, spanning earth science and engineering disciplines.

Benefits

The Ph.D. graduate assistantship appointment is through the Department of Chemical, Biochemical, and Environmental Engineering in affiliation with the Center for Urban Environmental Research and Education at UMBC. The Ph.D. graduate assistantship appointment includes a stipend plus tuition remission and health insurance. The Fall 2024 PhD stipend is $38,766.19/year.

Application

Interested applicants should contact Dr. Claire Welty with a statement of relevant background and career goals at weltyc@umbc.edu before applying to the program. Complete applications are due on January 7, 2024 for consideration for admission to the graduate program for fall 2024. The link to application materials can be found here: https://cbee.umbc.edu/academics/graduate-application/. Review of applications will begin on January 7, 2024.

UMBC is an affirmative action/equal opportunity employer.