



Interdisciplinary Consortium
for Applied Research in the
Environment

National Science Foundation
Research Training Grant

*Broadening Participation Across the
Environmental Sciences in & around
Baltimore Harbor*



Project Title: Evaluation of basement flooding in Baltimore from groundwater sources

UMBC mentor name & department: Dr. Claire Welty, Chemical Biochemical, and Environmental Engineering

Partner mentor name & institution: Kim Grove, P.E., Baltimore City Department of Public Works

Brief project description:

Evidence from a number of sources points to rising water tables as a cause of basement flooding in Baltimore. The goal of this project is to collect and synthesize all evidence of this phenomenon, map locations where this is a problem, and propose potential solutions. The long-term impact could be to relieve building occupants from this source of property damage.