Interested in the impacts of climate change, getting some research experience, and getting muddy this summer? Apply for a summer field and laboratory research position with the Department of Geography and the Environment and the Department of Biology at Villanova University to participate in a National Science Foundation funded research project. Two summer interns will be hired to assist with field and laboratory work. Field work will consist of visiting sites in the Delaware River estuary for monitoring and sampling of an ongoing experiment to assess the impact of sea-level rise and salt-water intrusion on plant and microbial processes in tidal marsh ecosystems. In the laboratory, interns will process field samples and work up data. Students will gain experience with gas chromatography, gamma radiation detection, radiotracer measurements of microbial process rates, and other biogeochemical measurements.

Applicants in their sophomore and junior years from Environmental Science/Studies, Biology, Chemistry or any related major are invited to apply. Interns will be expected to conduct strenuous field work in sometimes uncomfortable (hot, buggy, muddy) conditions, while maintaining a positive attitude. Interns will be paid a stipend of approximately $3800 for a 12 week commitment, and housing (room and board) will be provided on Villanova campus. To apply, please send a cover letter and resume to Dr. Nathaniel Weston, Department of Geography and the Environment, Villanova University, Villanova, PA 19085 or by email to nathaniel.weston@villanova.edu (preferred) by February 15, 2010.