

MS students wanted as Fellows on NSF-funded program on Air-Land-River-Sea interactions and participate in K to 12 education.

Fellows will develop projects that address specific questions about the interactions among land use change, precipitation, river runoff, climate change, and the chemical and microbiological loading in rivers, and ultimately how all of those changes affect coastal biology and ocean circulation. Students are sought with expertise or interest in the following fields: biology (and all its subfields including microbiology, toxicology, genetics, molecular biology), physical oceanography, hydrology, remote sensing, GIS, numerical modeling, nutrient or chemical dynamics, marine biology (especially fish, invertebrates and algae), or ecology (terrestrial, aquatic or marine). Fellows can enroll in either the newly formed Department of Marine Science or Department of Biology. Duties include 15-20 hours per week in local schools developing place-based science activities with teachers and communicating your science project. Stipend is for one year at \$30,000 and tuition waiver. One additional year of funding through this program may be awarded dependent on successful progress. Any additional time is dependent on funding availability.

The University of New England, www.une.edu, is located on the coast of Southern Maine, approximately 45 minutes from Portland. Learn more about the MS Degree at <http://www.une.edu/cas/biological/graduate/masters.asp>. Learn more about the SPARTACUS project at <http://faculty.une.edu/cas/szeeman/GK-12/SPARTACUS.html>.

To apply for acceptance to this project contact the director, Dr. Stephan Zeeman, via email szeeman@une.edu, with a letter of interest stating the area of proposed study, any prior research, prior involvement with schools, camps, museums, etc. In addition, make a formal application to UNE Graduate Admissions through <https://www.une.edu/admissions/application/apply.asp> and specify your interest in the GK-12 program. Applications will be accepted until April 1 but will be reviewed as they arrive and candidates may be selected prior to the deadline. Selected applicants will be interviewed for suitability. Fellows must be citizens, nationals or permanent residents of the U.S. Foreign students with student visas are not eligible.