SCHOOL OF
ARTS & SCIENCES
UNIVERSITY of ROCHESTER

PhD and MS positions in ocean biogeochemistry and climate science

Professor Thomas Weber is seeking highly motivated graduate students to join the Biogeochemical Oceanography Group in the Department of Earth and Environmental Sciences at the University of Rochester (New York). The group uses numerical models and large datasets to understand elemental cycling in the ocean and its response to anthropogenic climate change. More information can be found at http://www.sas.rochester.edu/ees/weber/home.

A number of interdisciplinary PhD projects are available, at the interface of marine microbial ecology, geochemistry, and climate science: (i) Quantifying the sources and sinks of trace metal micronutrients and understanding their cycling in the marine environment; (ii) Understanding particle-scale biogeochemical processes and their role in global nutrient cycles; (iii) Quantifying methane fluxes in the ocean and emissions to the atmosphere. All projects will combine oceanographic data and numerical models of ocean circulation, chemistry and ecosystem.

I welcome applications at both the Ph.D. and M.S. level, from candidates with a background in the physical and biological sciences, applied mathematics and computer sciences, and with a strong interest in the Earth System and climate change. Experience in scientific computing is advantageous but not required.

The Department of Earth and Environmental Sciences offers a highly interdisciplinary graduate program that includes oceanography, atmospheric sciences, and paleoclimatology, and offers competitive graduate stipends and benefits. Formal applications should be submitted through the department's website at http://www.sas.rochester.edu/ees/graduate/apply.html. Potential applicants are encouraged to contact Professor Weber (t.weber@rochester.edu) to express their interest in the positions first. Applications are welcome until March 15, 2019.

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