

GRADUATE ASSISTANTSHIP AVAILABLE

POSITION	Graduate Research Assistant (GRA), Ph.D. Soil Hydrogeochemistry: Arsenic Cycling in the Environment
NATURE OF RESEARCH:	<p>We seek an exceptional Ph.D. student to conduct independent research on arsenic contamination of groundwater in Southern Asia. Research will investigate how the quantities and chemical reactivities of complex mineral assemblages impact arsenic concentrations in well water. Specific tasks will include field sampling in Cambodia, laboratory experimentation, and spectroscopic analysis. The student will work under the supervision of Drs. Matt Polizzotto and Owen Duckworth, and opportunities exist to interact closely with external collaborators.</p> <p>Related activities include data analysis; report and manuscript preparation; and presentation of research at local, regional, and national meetings. All GRAs are required to participate in our teaching program for the equivalent of three laboratory sections of the introductory undergraduate soils course.</p>
LOCATION	<p>Department of Soil Science, North Carolina State University, Raleigh, NC</p> <p>We are unique among our peers due to our diverse expertise in environmental and soil science, as well as our fundamental knowledge of the physical, chemical, and biological process that are key to understanding issues associated with these fields. Our outstanding faculty and strong collaborations make us an internationally recognized center for innovative research and graduate training. We seek high-quality students pursuing careers in soil and environmental science.</p> <p>The Raleigh-Durham area consistently ranks among the best places to live in the United States, largely due to its vibrant intellectual community and ample access to recreational and cultural activities.</p>
QUALIFICATIONS	M.S. degree in Soil Science, Biogeochemistry, Hydrology, Environmental Science, Environmental Engineering, or related field. Demonstrated excellence in academics, and written and oral communication skills. Ability to work independently and as a team member.
STIPEND	Annual stipend is \$22,000. Under the Graduate Student Support Plan, in-state tuition and health insurance are covered.
HOW TO APPLY	<p>For further details about this position, applicants are encouraged to contact: Matt Polizzotto, Assistant Professor, Soil Science</p> <p>Email: matt_polizzotto@ncsu.edu</p> <p>Phone: 919-515-2040</p> <p>Web: http://polizzotto.soil.ncsu.edu/</p> <p>Applications may be submitted online through the NCSU Graduate School (see the "Apply to Graduate School" option at www.ncsu.edu/grad/).</p>
DATE AVAILABLE	Spring or Fall Semester, 2014
<p>North Carolina State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.</p>	