

Graduate Student Opportunity (MS and/or Ph.D) in Wetland Ecosystem Ecology, Department of Environmental Science and Policy, George Mason University

Project details:

A Graduate Research Assistantship (MS or Ph.D) is available in the Department of Environmental Science and Policy at George Mason University beginning Fall 2006. Research centers on ecosystem development and functions in created wetlands, in particular, the relationship between microtopography and hydrology, soil nutrients and plant species richness/diversity. The work involves in the field operation of survey equipment (i.e., total station) to measure microtopography, vegetation survey, and field sampling of soil and vegetation. It also involves the lab analysis of soil (i.e., colorimetric analyses of extractable inorganic nitrogen and phosphorus, total carbon and nitrogen, and elemental analysis including iron). The position is part of an USGS-NIWR National Competitive Grants funded study with the Ahn Wetland Ecosystem Laboratory at George Mason University in collaboration with Dr.Greg Noe at USGS, National Research Program, Reston, Virginia.

Qualifications:

Candidates must have a B.S or M.S (for Ph.D student) in Wetland Ecology, Ecology, Biology, Geology, Natural Resources and/or Environmental Science. Successful candidate should be highly motivated with strong academic and experiential credentials. Prior field and lab experiences in vegetation and soil nutrient analysis are preferable and willingness to learn the operation of total station required. The ability to work independently as well as collaboratively is essential to successful completion of the project. Good writing skills are preferred. Minimal academic requirements for undergraduates are undergraduate GPA of 3.0 and above and GRE score of 1100 (Verbal + Quantitative) or higher. Candidate review will begin immediately and will continue until the position is filled.

Salary:

Research Assistantship (about \$14,000 per year + tuition waiver of up to 9 credit hrs per semester). This appointment (2-years) may begin September 2006.

Programs: Candidates should apply to the Department of Environmental Science and Policy for MS or Ph.D. We can expedite the admission process for a successful candidate (<http://mason.gmu.edu/~espp>; contact: Annaliesa Lundblad <alundbla@gmu.edu>).

CLOSING DATE: Review of applications will begin immediately and the position will remain open until August 12, 2006

STARTING DATE: No later than start of Fall term 2006. We prefer a candidate that could start as early as August 14, at least two weeks before the semester starts.

Contact information: Send cover letter detailing your interest in this project and relevant experience/education, resume, contact information for three references, and copies of undergraduate and/or graduate transcripts and GRE scores to Dr. Changwoo Ahn as follows.

Dr. Changwoo Ahn
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