

## Summer student contract position in GIS and wildlife monitoring

### Summary:

The USGS Patuxent Wildlife Research Center in Laurel, Maryland is seeking to hire one full-time temporary student contractor to assist with the North American Amphibian Monitoring Program ([www.pwrc.usgs.gov/naamp](http://www.pwrc.usgs.gov/naamp)). Tasks include working with GIS applications and other associated software to update and/or create various maps, communication with individuals and partner organizations to make map updates, and other duties related to management of the North American Amphibian Monitoring Program. The position may also involve work for other wildlife monitoring programs. Applicants should be interested in expanding their computer skills.

### Application deadline:

Interested applicants should submit their resume and cover letter by March 14<sup>th</sup>, 2011.

### Statement of Work

1. **Types of services required:** Using ArcGIS to maintain the North American Amphibian Monitoring Program's (NAAMP) route maps project. Tasks include: importing site coordinates into ArcGIS, editing, using geoprocessing tools such as append, importing data from KML files and other formats, exporting maps to PDF, converting projects to Arc 10 from 9.3.1. Assist with other aspects of NAAMP, such as developing webmapping tools and testing webpages under development. Position may involve similar tasks for other wildlife monitoring programs.
2. **Required expertise/skills:**
  - a. Applicants are required to have completed at least one class in Geographic Information Systems (GIS).
  - b. Applicants are required to have completed two or more years of undergraduate coursework (student must be at least a second semester sophomore).
  - c. Applicants must be majors in Biology, Wildlife Management, Geography, GIS or closely related field.
  - d. Applicants are required to be able to communicate effectively both verbally and in writing.
  - e. Applicants with more experience with GIS tasks described above are preferred. Experience with webpage creation, webmapping (i.e, Open layers, Google Maps API) and/or database software (i.e., Excel, Access, SQL, PostGIS) also preferred.
3. **Eligibility requirements:** To be eligible for a student contract position, applicants must be either a currently enrolled student or a recent graduate. To qualify as a student, the applicant must be enrolled at least half-time in a degree-seeking program at an accredited college or university.

To qualify as a recent graduate, the applicant must have graduated less than a year from the end date (Since this position ends in August 2011, if you graduated in August 2010 or earlier you are no longer considered a recent graduate. If you left school and did not graduate, you are also not eligible). Applicants will be required to show proof of their student status or recent graduation. Foreign students in the U.S. under F-1 visas are not able to participate in this program, due to USCIS restrictions on off-campus work. USGS employees, their spouses, and children are not eligible to participate in this program.

4. **Description of working conditions:** Work will be performed in an office environment located on the USGS Patuxent Wildlife Research Center campus in Laurel, Maryland. Extended periods of computer use will be required. This is not a field or laboratory position.
5. **Compensation:** Compensation is \$13.98 per hour. Student contractors are paid only for hours worked (no holiday or leave benefits). Student is responsible for all costs of transportation to and from the principal duty station location. The Government does not provide housing, meals or other living expenses while working at the principal duty station. Travel away from the duty station is not expected.
6. **Principal Duty Station:** USGS Patuxent Wildlife Research Center, 12100 Beech Forest Road, Laurel, Maryland 20708-4038. Student contractors may enter the building only during business hours or when project manager is present.
7. **Additional information:** Number of students required is one. Estimated number of hours for the position is 544 (3 months full-time), with possibility of extension depending on funding. The approximate start date is May 30, 2011. The approximate end date is August 31, 2011. Actual start and end dates are flexible to accommodate selected student's academic calendar.
8. **How to apply:** Send resume and cover letter to Linda Weir via email ([lweir@usgs.gov](mailto:lweir@usgs.gov)). Applications must be received on or before **March 14<sup>th</sup>, 2011**. In your cover letter include your graduation date (or expected date), an explanation of how you meet the eligibility requirements, and discuss your experience as related to the job description (section 1 and 2 above).