INHS is seeking two individuals to lead field research teams in the collection of fish population monitoring data. These positions will be located at the Illinois River Biological Station in Havana, Illinois.

**Project description:** Incumbents will coordinate and direct field teams of biologists and technicians as part of a long term biological monitoring program on reaches of the Illinois River and Upper Mississippi River as part of the Long Term Electrofishing Project and/or Long Term Resource Monitoring Program and other ongoing projects.

**Job description:** Direct and conduct biological research on reaches of the Illinois River and Upper Mississippi River using multiple fishing gears (e.g., pulsed-DC electrofishing, AC electrofishing, netting). Prior to research outings, develop all field sampling schedules including identifying sampling locations, completion of equipment inventory for each trip, safety inspection of marine craft and electrofishing gear, explain required sampling techniques to staff, and inform staff of required field data collection necessary to complete project. Conduct interviewing and hiring of staff each field season; supervise, manage, and mentor staff, including training in field research techniques and boating safety. Assure facilities and equipment are properly maintained, grant and contract obligations are fulfilled, and data quality assurance standards are met. Manage, analyze, and translate research and monitoring data into scientific findings and provide management recommendations to funding agencies, collaborators, and other interested parties. Translate scientific data into reports, publications, and/or presentations at conferences/professional meetings. Work with lay community to engender positive feedback regarding scientific research and how findings benefit citizens. Coordinate and cooperate with the University of Illinois and units of the Illinois Scientific Surveys; other universities, colleges, and museums; the LTRM network of six field stations; river management agencies; and nongovernmental organizations and public interest groups. Must have a valid driver's license, be able to swim, and be able to work in extreme weather conditions.

As time permits and funding is available to buy out contract service, may design and carry out independent research; apply for and obtain extra-mural funding; report findings in scientific journals and at professional meetings; provide technical information in area of expertise; make presentations to service, nature or science groups, schools, or other public meetings; serve professional and scientific societies in such duties as reviewing or editing papers, moderating panels, and serving as a committee member or officer.

**Qualifications:** Required: Bachelor's degree in fisheries, biology, aquatic ecology or related biological field. Preferred: Master’s degree in fisheries, biology, aquatic ecology, or related biological field.

**Experience:** Required: Two years of experience writing reports and journal articles with standard fisheries statistical analyses, and presenting at scientific meetings. Must have experience in pulsed-DC and/or AC boat electrofishing, fyke and hoop netting, trawling, standard fish sampling and other sampling techniques important to river ecological research. Preferred: Experience driving 4WD trucks and trailering boats.

**Knowledge:** Required: Environmental science, fisheries, zoology or ecology background including familiarity with Midwest fish taxonomy. Must be able to supervise, train and mentor other staff members. Must demonstrate strong leadership skills and commitment to scientific excellence. Must be proficient in fish identification, and demonstrate a commitment to team water and equipment safety. Ability to swim. Ability to work under minimal supervision. Familiarity with multiple gear types (electrofishing, netting, seines) and basic taxonomy appropriate to Midwestern, in-land river ecosystems. Ability to work well with and supervise others, establishing solid working relationships. Must be comfortable on small boats in large river settings. Preferred: Proficiency with Microsoft Office, MS Access, ArcGIS products and statistical software packages. Basic and specialized knowledge in a specialty area and keeps abreast of developments within the discipline, ability to
have a sustained record of completing assigned work in an accurate, efficient, and timely manner. The individual must have a valid driver’s license, be able to swim, and be able to work in extreme weather conditions.

**Salary:** $32,000 - $38,000 per year commensurate with experience and education. This is a regular, academic professional, full-time grant supported 12-month positions. The estimated starting date is May 16, 2016 (negotiable).

**Benefits:** Generous vacation and sick leave. State Universities Retirement System. Group health, dental, vision and life insurance.

“The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.”

Applications must be received by April 13, 2016. To apply, all candidates must submit an online profile through [https://jobs.illinois.edu](https://jobs.illinois.edu). Qualified candidates must upload a letter detailing qualifications noted above, curriculum vitae, and the names, addresses, phone numbers, and e-mail addresses of three professional references. All requested information must be submitted for your application to be considered. For further information please contact Angela Young, Human Resources, Illinois Natural History Survey, 217-244-7793, [younga@illinois.edu](mailto:younga@illinois.edu).

For technical questions regarding this position, please contact: Dr. Andrew Casper, [afcasper@illinois.edu](mailto:afcasper@illinois.edu).

*Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity.*

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