

**Assistant Scientist, Mammalogy  
Illinois Natural History Survey  
Prairie Research Institute  
University of Illinois at Urbana-Champaign**

The Illinois Natural History Survey (INHS) investigates and documents the biological resources of Illinois and other areas, and acquires and provides natural history information that can be used to promote the common understanding, conservation, and management of these resources. INHS is part of the Prairie Research Institute (PRI) at the University of Illinois at Urbana-Champaign, which is centrally located between Chicago, St. Louis, and Indianapolis. Learn more at [go.illinois.edu/PRIjobs](http://go.illinois.edu/PRIjobs).

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit <http://go.illinois.edu/EEO>.

INHS is seeking an Assistant Scientist to conduct studies on avifauna as well as in-depth monitoring of populations and communities with a particular focus on bats. This position will be located in Champaign, Illinois.

**Major Duties and Responsibilities Include:**

- Independently lead scientific field research including survey design and implementation.
- Conduct sampling of mammal species, with an emphasis on bats, utilizing standard techniques, and record habitat and environmental data.
- Conduct habitat suitability assessments for mammalian species (e.g. roost trees and hibernacula for bats).
- Supervise, mentor, and lead hourly staff to achieve success and foster a culture of innovation and high-level performance at both individual and organizational levels. This includes task assignment, scheduling, and ongoing performance management with coaching and feedback and travel approval.
- Provide outreach and service to the public, the Survey, PRI, University of Illinois and other professional organizations. Participate in outreach activities to benefit the mission and visibility of the Illinois Natural History Survey, Prairie Research Institute, and the University of Illinois.
- Represent the Survey, PRI, and the University of Illinois on committees.
- Coordinate and cooperate with Survey, PRI, University of Illinois, and other groups.
- Seek external funding for research projects and contribute to externally funded projects with colleagues at the Survey, PRI, and outside agencies.
- Ensure field safety training is provided and protocols are followed by all team members.
- Manage, analyze, and translate research and monitoring data into scientific findings and provide management recommendations to funding agencies, collaborators, and interested parties.
- Translate scientific data into reports, peer-reviewed publications, and presentations to be delivered at conferences and professional meetings.
- Perform other duties in order to further the mission and goals of the Survey, PRI, and the University of Illinois.
- Keep abreast of developments in this discipline.

**Required Qualifications:**

Master's degree in ecology, zoology, natural resources, or related field. Alternate degree fields will be considered depending on the nature and depth of the experience as it relates to this position. A minimum of 3 years of experience with multiple sampling methods (mist netting, acoustic surveys) for mammals. Experience with GIS platforms and software. Experience with database preparation, software, and data management. Experience with bat acoustic monitoring data processing, analysis, and interpretation. Federal Bat Collection Permit for Indiana Bat (*Myotis sodalis*) and Northern Long-eared Bat (*Myotis septentrionalis*); Valid Driver's License. Ability to identify mammalian species of the Midwest, particularly of Illinois with an emphasis on bats. Strong interest in ecological research. Ability to work in a team and in an independent setting. Ability to supervise field technicians. Effective communication, personal relations, collaboration, organizational, teamwork, and leadership skills. Demonstrated ability to perform effectively in a diverse and fast-paced work environment consisting of multiple and changing priorities with stringent deadlines, under minimal supervision.

Attention to detail, sound judgment, and strong conflict resolution skills. Proficiency in commonly-employed software and databases.

**Preferred Qualifications:**

Experience with Sonobat and Kaleidoscope software. Experience with statistical software packages such as R, SAS, SPSS, SYSTAT. Experience with bioinformatics pipelines (Unix-based Command Line). Experience with ecological software packages such as Mark, Presence. Experience with museum/collection protocols. Experience with genetic sample collection.

**Environmental Demands:**

Will require working in adverse field conditions (heat, humidity, biting insects, etc.), travel throughout the state of Illinois working irregular hours and overnights. Position involves lifting and carrying equipment weighing up to 20 pounds over uneven terrain. Overnight travel may be necessary to fulfill the responsibilities of this position.

**Proposed Start Date:** Negotiable

**Salary:** Competitive and commensurate with qualifications and experience.

**Appointment Status:** This is a regular full-time academic professional appointment, renewable annually based upon satisfactory progress in the position and continued funding.

**To Apply:** Please complete your candidate profile at <https://jobs.illinois.edu/> and upload a cover letter, CV/resume, and the names and contact information (including e-mail addresses) for three professional references by **January 21, 2020**. Interviews may be conducted before the closing date; however, no hiring decision will be made until after the closing date. All requested information must be submitted for your application to be considered. Incomplete applications will not be reviewed.

For further information, please contact Amber Hall at [amberh@illinois.edu](mailto:amberh@illinois.edu) or 217-300-4080. For technical questions regarding the position, please contact Dr. Mark Davis at [davis63@illinois.edu](mailto:davis63@illinois.edu).

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