

## David L Nieland

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**Subject:** Hardwood Ecosystem Experiment Permanent and Seasonal Jobs

Several jobs are available to work on the Hardwood Ecosystem Experiment In southern Indiana. They range from summer to seasonal to permanent.

They are listed below.

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Job Title: Project Coordinator (Job #: 1600006)  
Agency: Purdue University - Dept. of Forestry & Natural Resources  
Closing Date: March 1, 2016  
Start Date: May 1, 2016  
Duration: Permanent  
Compensation: \$40,000 - \$45,000/year plus benefits

The Department of Forestry and Natural Resources at Purdue University in West Lafayette, Indiana, is seeking applicants for a project coordinator for the Hardwood Ecosystem Experiment (HEE; [www.heeforeststudy.org](http://www.heeforeststudy.org)), a large multidisciplinary research project examining the relationship of silvicultural practices to changes in plant and animal species within forests across Indiana.

This individual will coordinate all research, extension and teaching activities related to the HEE.

### Responsibilities:

The successful candidate will facilitate collaboration between researchers from Purdue, Indiana State, Ball State and other universities, and local land managers for the State of Indiana. Regular communication via emails, meetings and/or biannual newsletters is expected to update investigators and managers on progress and success of field work; to make judgments as to the suitability of the particular field sites for research activities; and to coordinate field activities with land managers on state forests properties.

The incumbent will be expected to hire and remotely supervise field technicians and a field research coordinator, oversee implementation of field protocols for sampling of forest vegetation and fauna, and provide oversight for quality analysis/control associated with collection of field data. This position is also responsible for coordinating field crew logistics, including hiring, housing and transportation. The incumbent will work closely with researchers in organizing and archiving tabular and geospatial data into searchable geodatabases. The Project Coordinator will also assist in analysis of data to create annual progress and outreach materials, organize and/or participate in department-sponsored extension activities, and assist researchers by assembling results into publishable manuscripts.

The position will be based at Purdue University's West Lafayette campus, while the HEE field sites are located near Bloomington, Indiana. Therefore, the position will require travel between campus and the field throughout the year; the amount of travel substantially depending on field needs. The individual will occasionally be expected to collect field data in adverse environmental conditions typical of southern Indiana.

### Qualifications:

#### Required:

1. B.S. in Forestry or a closely related field
2. Two years ecological research project work experience (i.e., planning, coordinating, and executing field-based, scientific research projects)
3. Strong oral and written communication skills
4. Strong organizational and time management skills
5. Ability to work independently and contribute to a team environment
6. Valid driver's license with a good driving record

#### Preferred:

1. M.S. in Forestry or closely related field
2. Working knowledge of general silvicultural operations, forest inventory techniques and wildlife sampling techniques
3. Supervisory experience of both individuals and teams
4. Demonstrated technical and scientific writing (i.e., management plans, reports or manuscripts)

To apply, please visit the Purdue Careers website ([www.purdue.edu/careers](http://www.purdue.edu/careers)) and search for Posting Number 1600006. With your online application, please submit

- 1) a cover letter, including the names and contact information for three references, and
  - 2) a resume or curriculum vitae.
- Questions may be directed to:

Mike Saunders  
Associate Professor of Hardwood Silviculture [msaunder@purdue.edu](mailto:msaunder@purdue.edu)

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Job Title: Field Assistant (Temporary)  
Agency: Purdue University - Dept. of Forestry & Natural Resources  
Closing Date: January 26, 2016 or until filled  
Start Date: March 1, 2016  
End Date: Flexible, but no longer than 1 year appointment  
Compensation: \$12.00-13.00/hour and housing\*

The Field Assistant will help carry out research on the effects of silvicultural treatments on the ecology of managed forests as part of the Hardwood Ecosystem Experiment (HEE). The primary duties of this position will include conducting woodland salamander surveys (March-April), breeding bird surveys (May-June) and small mammal trapping (July-August). This position may have additional responsibility for assisting with moth sampling, data collection for prescribed fire treatments and other tasks as assigned. The field assistant may be asked to perform some limited supervisory duties which could include planning daily activities, ensuring safety protocols are followed, preparing and maintaining equipment and vehicles, ensuring data quality, and communicating with the HEE field crew supervisor and project coordinator. This position will also serve as the facility manager for the HEE housing facility during the summer field season. Field work will be conducted at Morgan-Monroe and Yellowwood State Forests near Martinsville, IN and Bloomington, IN (respectively).

Qualifications:

Required:

1. Bachelor's degree in wildlife ecology, biology, forestry or related natural resources field
2. Valid driver's license with a good driving record
3. Willingness to work in extreme conditions, including traversing rugged terrain through dense, thorny shrubs and working in high temperatures and high humidity
4. Experience conducting auditory and sight based bird surveys
5. Experience with small mammal trapping and handling techniques
6. Strong bird and mammal identification skills

Preferred:

1. Experience leading a field-based sampling crew
2. Experience with hand-held GPS units, maps and compass
3. Experience or training in the safe operation of ATVs

Each work week will generally consist of five 8-hour days. Work will not exceed 40 hours in a week. Applicants should be comfortable working both alone and as a part of a team.

Please contact either Jeff Riegel (jriegel@purdue.edu) or Dr. Mike Saunders (msaunders@purdue.edu) with questions regarding this position. To apply, please submit a current resume, including references, and a brief letter of interest by email to:

Charlotte Freeman  
HEE Interim Project Coordinator  
freemac@purdue.edu  
765-494-1472

\*Bunkhouse/camp style field housing is provided. Residents will be required to pay a \$300 refundable security deposit prior to beginning work in addition to a \$20 non-refundable cleaning fee. Residents will also be required to help with regular cleaning and general upkeep of the facility.

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Job Title: Wildlife Field Technician (6 positions)  
Agency: Purdue University - Dept. of Forestry & Natural Resources  
Closing Date: March 1, 2016 or until filled  
Start Date: May 12, 2016  
End Date: Flexible, but approximately August 15, 2016  
Compensation: \$10.00-11.00/hour and housing\*

Wildlife Field Technicians help carry out research on the effects of silvicultural treatments on the ecology of managed forests as part of the Hardwood Ecosystem Experiment (HEE). Primary duties of these position(s) are to conduct aural bird surveys (May-June) and small mammal trapping or vegetation surveys (July-August). Bird surveys are also conducted on sites in the Hoosier National Forest between the HEE and Tell City, IN. Additional duties are common and may include nighttime owl surveys, insect sampling, clearing sampling lines of obstructing vegetation, and other

maintenance activities. Field work will be conducted at Morgan-Monroe and Yellowwood State Forests near Martinsville, IN and Bloomington, IN (respectively).

Qualifications:

Required:

1. Demonstrated experience with bird surveys 2. Valid driver's license with a good driving record 3. Willingness to work in extreme conditions, including traversing rugged terrain through dense, thorny shrubs and working in high temperatures and high humidity

Preferred:

1. Demonstrated experience with small mammal trapping 2. Experience with plant identification in the Midwest 3. Experience with hand-held GPS units, maps and compass

Each work week will generally consist of five 8-hour days. Work will not exceed 40 hours in a week. Current students and recent B.S. graduates are encouraged to apply. Applicants may indicate preference for either bird/small mammal sampling positions or bird/vegetation sampling positions on the application form. Please contact Jeff Riegel (jriegel@purdue.edu) for specific questions related to bird surveys or Dana Nelson (nelsond1@purdue.edu) for specific questions related to small mammal trapping. All other questions may also be directed to Dr. Mike Saunders (msaunders@purdue.edu).

To apply, please complete the HEE field crew application available for download at <https://ag.purdue.edu/hee/Pages/Jobs.aspx>. Send this application along with a brief letter of interest by email to:

Charlotte Freeman  
HEE Interim Project Coordinator  
freemac@purdue.edu  
765-494-1472

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Successful applicant(s) for any position will be subjected to a comprehensive background check managed by Purdue University's Human Resources department.  
Final hires are contingent upon clearance of this background check.

Purdue University is an equal opportunity/equal access/affirmative action employer, fully committed to achieving a diverse workforce.

Mike R. Saunders  
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