

# *Student Position Outreach Announcement*

## **Field Botany Opportunity**

### **Summer 2011**

**Students with strong interest in plants, good botanical/field taxonomical skills and who enjoy field work are encouraged to apply!**

Full Time Summer Employment with the **National Park Service** at Indiana Dunes National Lakeshore

**Job Description:** This is a vegetative sampling position. Establish and sample vegetation and fuels in fire effects monitoring plots in a variety of vegetation/fuel model types, and in accordance with established methodologies and guidelines. Accurately and efficiently identify plants to species and record field data. Identify grasses, sedges, herbs, shrubs, and trees to species in field by sight or by dichotomous keys for less commonly encountered species. Navigate to plots using compass, maps and GPS. Must be able to work cooperatively as a member of a crew, as well as independently. Field work will account for approximately 80% of the work week. Office work includes data entry using customized database software, verification of data entry quality, download of digital cameras and GPS receivers. Although principle duties will be collecting and processing vegetation data, the incumbent may collect weather and fire behavior data on prescribed fires, serve as a member of a fire crew, or complete additional projects, as needed. This is a field position which regularly involves exposure to severe weather (high heat and humidity), ticks, and mosquitoes and carrying heavy gear in rough terrain.

**Job Title/ Grade/Per Hour:** Biological Science Technician (Fire Effects Monitoring/Field Botany), GS0404-04/05: \$14.70/\$16.44/ per hour.

**Qualifications Required:** See next page for details.

**Other Information:** Based in Porter, IN. May travel to other parks served by Indiana Dunes National Lakeshore Fire Effects Program. Work schedule: Monday-Friday (40 hrs.). Anticipated start: mid-May.

**To Apply as a student hire \*\*:** Email or mail: 1) a completed "Student Application for Employment" form *which is attached below*, 2) your resume. Please note that at a later date, you will need to provide a copy of your transcript(s), and verification of enrollment in fall 2011 semester or a letter from your academic advisor stating that you are seeking a degree and taking at least a half-time work load, and three references with contact information.

Email to: [indu\\_resume@nps.gov](mailto:indu_resume@nps.gov)

or mail to: INDU Resume

Indiana Dunes National Lakeshore  
1100 N. Mineral Springs Road  
Porter, IN 46304

**Deadline:** Applications should be sent immediately. **ACT NOW**.

The deadline is **January 3, 2011**.

**\*\*ATTENTION:** Applicant must be enrolled as an undergraduate or graduate student at an accredited college or university to be considered for a student hire position. If you will receive a bachelor's degree in spring 2011 or have not been accepted as a student at an accredited college for the fall 2011 semester, you **must** apply for the position through USAjobs. This job announcement posted **November 22 with a Deadline of 1/3/2011** on the USAjobs website: <http://www.usajobs.opm.gov>. Search Porter, IN or

follow this active link to job announcement:

[http://jobview.usajobs.gov/GetJob.aspx?JobID=93692422&JobTitle=Biological+Science+Technician+%28Vegetation+Monitor%29&where=Porter%2C+IN&brd=3876&vw=b&FedEmp=N&FedPub=Y&x=0&y=0&pg=1&rad=20&rad\\_units=miles&re=0&AVSDM=2010-11-22+00%3A03%3A00](http://jobview.usajobs.gov/GetJob.aspx?JobID=93692422&JobTitle=Biological+Science+Technician+%28Vegetation+Monitor%29&where=Porter%2C+IN&brd=3876&vw=b&FedEmp=N&FedPub=Y&x=0&y=0&pg=1&rad=20&rad_units=miles&re=0&AVSDM=2010-11-22+00%3A03%3A00),

## **Qualifications for Biological Science Technician Fire Effects Monitoring (Field Botany):**

### **For GS-0404-05: \$16.44 per hour**

Applicants must possess one year of specialized experience\*; OR have successfully completed a full four (4) year course of study leading to a bachelor's degree with major study or at least 24 semester hours in Biology, Botany, Chemistry, Statistics, Entomology, Wildlife Management, Physics, Agriculture, or Mathematics; OR possess equivalent combinations of both experience and education. *\*Specialized experience is experience which equipped the applicant with the necessary knowledge, skills, and abilities to perform the work (i.e. research activity in the biological field with specialization in botany, forestry, ecology, or plant pathology, or any type of nursery work that requires growing and maintenance of plants, etc).*

**Note:** At least 6 semester hours of the education must have been in courses directly related to plant/botany.

### **For GS-0404-05: \$14.70 per hour**

Applicants must possess at **least six months of general experience, AND six months of specialized experience** at least equivalent to the GS-3 grade level in the Federal service; OR completion of two (2) years of education above the high school level, which included at least 12 semester hours in any combination of courses such as forestry, agriculture, range management or conservation wildlife management, watershed management, soil science, natural resources, outdoor recreation management, civil or forest engineering, or wildlife fire science; OR combination of both. General experience is (1) any type of work which demonstrates the applicant's ability to perform the work of the position, or (2) experience which provided a familiarity with the subject matter or processes of the broad subject area of the occupation. Specialized experience is work that equipped the applicant with the particular knowledge, skills, and abilities to successfully perform the duties of the position. Examples of qualifying specialized experience include: forestry aid or technician experience, engineering, range or soil conservation technician experience which involved the application of cultural, resource conservation, or land management practices on non-forest or ranch lands which, when combined with the required knowledge of forestry operations and equipment, provide the essential knowledge and skills needed for successful performance of the work; farming or ranching experience which involved application of cultural and soil and water conservation practices, including safety and use of equipment and which provided a basic understanding of land use; and experience in forest or range fire control, prevention, or suppression.

### **US Citizenship is required.**

see below for Student Employment Application form.



# STUDENT APPLICATION FOR EMPLOYMENT (Attach this form to Your Resume)

Date: \_\_\_\_\_

Recruitment Event: Fire Effects Student Outreach Flyer

First Name: \_\_\_\_\_

Middle Initial: \_\_\_\_\_

Last Name: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Education Institution: \_\_\_\_\_

Major Field of Study: \_\_\_\_\_

Minor Field of Study: \_\_\_\_\_

Anticipated Graduation Date: \_\_\_\_\_

Do you have a valid driver's license? \_\_\_\_\_

Are you a US Citizen? \_\_\_\_\_

Are you a veteran? \_\_\_\_\_

### **Jobs of Interest:**

- \_\_\_\_\_ Administrative Positions (Budget, Clerical, IT)
- \_\_\_\_\_ Biological Science Technician (Plants)
- \_\_\_\_\_ Custodial Worker
- \_\_\_\_\_ Biological Science Technician (Water Quality)
- \_\_\_\_\_ Dispatcher
- \_\_\_\_\_ Biological Science Technician (Wetlands)
- \_\_\_\_\_ Laborer
- \_\_\_\_\_ Biological Science Technician (Wildlife)
- \_\_\_\_\_ Park Aid (Parking Lot Attendant)
- Biological Science Technician (Fire Effects/Field Botany)
- \_\_\_\_\_ Park Guide
- \_\_\_\_\_ Lifeguard
- \_\_\_\_\_ Park Ranger (Interpretation)
- \_\_\_\_\_ Visitor Use Assistant (Fee Collector)
- \_\_\_\_\_ Park Ranger (Law Enforcement)
- \_\_\_\_\_ Wild land Firefighter

Are you fluent in a second language(s)?

\_\_\_\_\_ If so, please list \_\_\_\_\_

Do you have any other skills or certifications you would like us to know about? If so, please list them below:

\_\_\_\_\_  
\_\_\_\_\_

E-mail form with attached resume to:

[indu\\_resume@nps.gov](mailto:indu_resume@nps.gov)

Or Send to:

INDU Resume

Indiana Dunes National Lakeshore

1100 N Mineral Springs Road

Porter, IN. 46304

*For Office Use Only:*

Date: \_\_\_\_\_ Initial: \_\_\_\_\_