

**National Park Service
U.S. Department of the Interior**

**Great Smoky Mountains National Park
North Carolina and Tennessee**



Great Smoky Mountains National Park 2014 Internships

Great Smoky Mountains National Park is recruiting for several 3-4 month Internships available for college students and recent graduates who would like to gain valuable work experience while helping us protect the cultural and natural resources in the park through education, research, and management.

Ridge upon ridge of forest straddles the border between North Carolina and Tennessee in Great Smoky Mountains National Park (GRSM), the largest expanse of wilderness east of the Mississippi River. World- renowned for its diversity of plant and animal life, the beauty of its ancient mountains, and the quality of its remnants of Southern Appalachian mountain culture, it is America's most visited national park.

GRSM has the most biological diversity of any area in the world's temperate zone and is a sanctuary for a magnificent array of animal and plant life. Outdoor recreational opportunities also abound in the park and local area. GRSM alone contains 10 campgrounds, 2,000 miles of stream, more than 800 miles of trails, and 89 backcountry campsites. The park boasts sections of three long-distance trails, including over 70 miles of the world-famous Appalachian Trail.

Interns receive dorm housing, uniform shirt, and a weekly stipend (\$125), but are responsible for their own travel expenses to the park. A personal vehicle is encouraged to facilitate off-duty use since public transportation is limited in the area.

The following Internships are available in 2014. Please see the attached position descriptions for duties, responsibilities, skills needed, and application procedures. Also note that this listing does not include the internship opportunities we have available for High School students. For more information about High School Internship opportunities, please contact Emily Guss at emily_guss@nps.gov.

Please pay careful attention to the application material due dates!

For general questions about the internship program, you may contact:

Christine Hoyer, Volunteer Coordinator
(865) 436-1265
christine_hoyer@nps.gov

The funding for these positions has been provided by our partners:
Friends of the Smokies and **Great Smoky Mountains Association**



Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

Vegetation Monitoring Intern
2 positions (Summer)



LENGTH OF APPOINTMENT STIPEND

12 weeks (may through August)
\$125 per week + dorm housing included

BACKGROUND

Great Smoky Mountains National Park is recruiting qualified applicants for a summer internship in the Inventory and Monitoring Branch (I&M) in the Resource Management Division. The Position is primarily field- oriented and will assist in collecting and compiling data to:

- Monitor the status and trends of vegetation communities and other natural resource elements throughout the park
- Assess impacts to target plant species and vegetation communities
- Protect rare and endangered plant species

DESCRIPTION OF DUTIES

- Vegetation Plot Monitoring: Collect plot-based overstory and understory vegetation data, conduct standard forestry measurements, assist with plot establishment in a variety of forest types.
- Rare Plant Monitoring: Assist with field monitoring and mapping of threatened and endangered plants.
- Wetlands Inventory: Locate wetlands in various park locations, use GPS to map/delineate wetland boundaries, conduct plant surveys and wetland classification.
- Macroinvertebrate Monitoring: Stream sampling using various protocols, microscopy and sorting, experience or coursework in macroinvertebrate identification a plus.
- Other short-term duties include:
 - Laboratory work on plant specimen identification and preservation; Herbarium specimen preparation; Periodic office work including data organization
- *All projects will involve GPS-assisted navigation, field sampling, and detailed data collection.*

QUALIFICATIONS

Academic background in biological sciences. Preferred knowledge and skills in ecology/botany/forestry, plant identification and the use of technical plant keys, vegetation sampling methods, map reading and orienteering, and GPS. Must be able to hike in mountainous terrain in hot humid or inclement weather conditions, carrying a backpack and other field equipment. Experience with river waders a plus. Good fitting hiking boots and raingear are important items to have prior to arrival. Stinging insects, poison ivy, slippery footing, ticks, and venomous snakes are known field hazards. Intern will be a part of a team that operates safely and communicates effectively.

HOW TO APPLY:

Application materials must be received by **March 1, 2014**. Materials may be sent electronically or by mail. Send resume, 3 references, and copy of transcripts to:

Joshua Albritton
Great Smoky Mountains National Park
1316 Cherokee Orchard Road
Gatlinburg, TN 37738
joshua_albritton@nps.gov; (865) 430-4746

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

**Aquatic Macroinvertebrate
Monitoring Intern**
1 Position (Summer)



LENGTH OF APPOINTMENT

12 weeks (May - August)

STIPEND

\$125 per week + dorm housing included

BACKGROUND

Great Smoky Mountains National Park is recruiting a qualified applicant for a summer internship in the Inventory and Monitoring Branch (I&M) of the Resource Management Division. The position is primarily field-oriented and will assist in collecting and compiling data to:

- Monitor the status and trends of aquatic macroinvertebrate communities and other natural resource elements throughout the park
- Monitor the status and trends of vegetation communities throughout the park

DESCRIPTION OF DUTIES

- Stream sampling for aquatic macroinvertebrates using various techniques and equipment, such as a kick net, d-net, sieve bucket, etc.
- Sample sorting using a microscope. This will involve using various keys to identify specimens to the lowest level possible, depending on experience and training. Experience in macroinvertebrate identification desired.
- Periodic office work including data organization
- Assisting I&M staff with vegetation monitoring projects (rare plant monitoring, vegetation plot monitoring, and wetlands inventory)
- *All projects will involve GPS-assisted navigation, field sampling, and detailed data collection.*

QUALIFICATIONS

Academic background in biological sciences. Preferred knowledge and skills in ecology/entomology/forestry, insect identification and the use of technical keys, insect sampling methods, map reading and orienteering, and GPS. Must be able to hike in mountainous terrain in hot humid or inclement weather conditions, carrying a backpack and other field equipment. Experience with river waders a plus. Good fitting hiking boots and raingear are important items to have prior to arrival. Stinging insects, poison ivy, slippery footing, ticks, and venomous snakes are known field hazards. Intern will be a part of a team that operates safely and communicates effectively.

HOW TO APPLY:

Application materials must be received by **March 1, 2014**. Materials may be sent electronically or by mail. Send resume, 3 references, and copy of transcripts to:

Becky Nichols
Great Smoky Mountains National Park
1316 Cherokee Orchard Road
Gatlinburg, TN 37738
(865) 436-1702
becky_nichols@nps.gov

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

Wildlife Management Intern
2 Positions
(1 Spring/Summer, 1 Summer/Fall)



LENGTH OF APPOINTMENT

12 to 16 weeks
May – August, August - November

STIPEND

\$125 per week + dorm housing included

OVERVIEW

Great Smoky Mountains National Park is recruiting qualified students for spring/summer internships in the Wildlife Branch. The positions are primarily field oriented and assist with elk management, black bear management, and other wildlife management activities.

DESCRIPTION OF DUTIES

- **Elk Management:** Perform radio-telemetry to monitor elk movements and survival. Assist in the capture, handling, and radio-marking of newborn elk calves (spring position only). Patrol areas where elk commonly feed providing education and assistance to visitors.
- **Black Bear Management:** Assist with the monitoring, capture, and handling of nuisance and injured black bears. Post warning and/or closure signs as needed. This work can often be physically strenuous for extended hours.
- **Wild Hog Control:** Hike and scout area for wild hog activity. Set and monitor wild hog traps. Utilize a firearm to humanely euthanize trapped wild hogs.
- Hike and backpack (up to 15 miles) in remote mountainous terrain.

SKILLS REQUIRED

Practical knowledge of radio-telemetry; ability to work with/handle animals (farm, zoo, etc. work experience); ability to hike/backpack; ability to use firearms; ability to work with and carry heavy backpacks in steep mountains terrain; ability to operate vehicles including towing and backing trailers.

SKILLS DESIRED

Academic background in wildlife or related disciplines; outdoor related skills in hunting, trapping and backpacking.

HOW TO APPLY

Application materials must be received by **March 1, 2014**. Email is preferred. Send resume, 3 references and copy of transcripts to:

Joe Yarkovich, Wildlife Biologist
60 Enloe Floyd Bottoms Rd.
Cherokee, NC 28719
(828) 497-1928
joseph_yarkovich@nps.gov

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

Wildlife Management Intern
3 Positions



LENGTH OF APPOINTMENT

12 to 16 weeks
April/May through August/September

STIPEND

\$125 per week + dorm housing included

OVERVIEW

Great Smoky Mountains National Park is recruiting qualified students for spring/summer internships in the Wildlife Branch. The positions are primarily field oriented and assist with black bear management, wild hog control and other wildlife management activities.

DESCRIPTION OF DUTIES

- **Black Bear Management:** Monitor campgrounds and picnic areas for nuisance black bears. Set and monitor bear traps. Assist with the capture and handling of nuisance and injured black bears. Post warning and/or closure signs as needed. This work can often be physically strenuous for extended hours.
- **Wild Hog Control:** Hike and scout area for wild hog activity. Set and monitor wild hog traps. Utilize a firearm to humanely euthanize trapped wild hogs.
- **Wildlife Monitoring:** Assist with wildlife surveys. Gather and record wildlife data. Utilize computers to input, review and edit wildlife data.
- Hike and backpack (up to 15 miles) in remote mountainous terrain.

SKILLS NEEDED

Ability to work with/handle animals (farm, zoo, etc. work experience); ability to hike/backpack; ability to use firearms; ability to work with and carry heavy backpacks in steep mountains terrain; ability to operate vehicles including towing and backing trailers.

SKILLS DESIRED

Academic background in wildlife or related disciplines; outdoor related skills in hunting, trapping and backpacking.

HOW TO APPLY

Application materials must be received by **March 1, 2014**. Send resume, 3 references and copy of transcripts to:

Bill Stiver, Supv. Wildlife Biologist
Great Smoky Mountains National Park
Gatlinburg, TN 37738
(865) 436-1251
bill_stiver@nps.gov

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

Fishery Management Intern
4 Positions (2 Summer, 2 Fall)



LENGTH OF APPOINTMENT

12 weeks
2 Positions: June-August (dates are negotiable)
2 Positions: August-November (dates are negotiable)

STIPEND

\$125 per week + dorm housing included

OVERVIEW

Great Smoky Mountains National Park is recruiting qualified students for spring/summer internships in the Fisheries Management Branch. The positions are field and lab oriented and assists with fishery assessments and management.

DESCRIPTION OF DUTIES:

Great Smoky Mountains National Park (GRSM) is the largest expanse of wilderness east of the Mississippi River boasting over 2,100 miles of cool and coldwater streams. There are nearly 60 species of fish found in GRSM representing 12 families from prehistoric lampreys to wild brook trout, to three federally protected fish species that were extirpated but have recently been reintroduced and are being monitored in Abrams Creek. You will serve as a fisheries intern being trained and assisting in small stream monitoring efforts of trout populations using backpack electrofishing gear throughout this 520,000 acre National Park. Major training and skills acquired through this position include the use, construction, and maintenance of backpack electrofishing gear, small stream sampling guidelines, population enumeration using depletion estimates, identification of 20-40 fish species, physical and chemical stream measurements, data entry and editing techniques, and backcountry sampling and camping techniques. Interns will work with a team of federal, state, and private biologists, as well as university researchers.

Specific responsibilities will include: monitoring fish using backpack electrofishing gear and snorkeling - 40%, physical and chemical stream measurements - 20%, fish identification – 10%, data entry and editing techniques – 10%, equipment repair, maintenance and construction – 10%, and backcountry camping and sampling techniques - 10%.

Training: use, repair and maintenance of backpack electrofishing gear, stream snorkeling techniques, fish identification, and remote backcountry field operations.

SKILLS REQUIRED

Self-motivated individuals interested in the profession of fisheries biology or fish management, good physical conditioning, ability to carry heavy loads of gear (40 lbs.) over rough terrain for up to 5 miles on a daily basis, willingness to work outdoors, possibly overnight(s) in variable weather conditions.

HOW TO APPLY

Application materials must be received by **March 7, 2014** for Summer Positions and **May 9, 2014** for Fall Positions. Send resume, 3 references, and copy of transcripts to:

Matt Kulp, Fishery Biologist
matt_kulp@nps.gov
865-436-1254

Great Smoky Mountains National Park 2014 Internship



POSITION TITLE

GIS Intern
4 Position

LENGTH OF APPOINTMENT

12 weeks

STIPEND

\$125 per week + dorm housing included

DESCRIPTION OF DUTIES:

GIS interns needed beginning June 2014 and lasting for 12 weeks for assistance with GIS data creation data management, and technology transfer. Duties will include using ArcGIS Desktop software and Trimble GPS Equipment to create and manage new GIS data layers; Coordinating with park staff to organize existing spatial data and create and document procedures for updating geo-spatial datasets; Use of GIS to support GIS and database development in the following areas: Wildlife Management, Cultural Resources, Fisheries and Water Quality, Inventory and Monitoring, Climate, Remote Sensing; Developing base-mapping programs for the continued collection and analysis of monitoring data.

Must be able to hike in mountainous terrain in hot humid or inclement weather conditions carrying a daypack or backpack and other field equipment. Good fitting hiking boots and rainwear are important personal items to have prior to arrival. Stinging insects, poison ivy, slippery footing, and venomous snakes are known field hazards. Work schedule is 4/ten hour days 7:00 AM to 5:30 PM, M-T

SKILLS NEEDED:

Some education or experience in geographic information systems (GIS), computer cartography a must, specifically experience using ArcGIS Desktop (ArcMap/ArcCatalog). Experience with geodatabase formats is a plus, as is understanding of geodatabase tables. Applicant should have the ability to write and follow detailed technical information documents and be self-motivated and flexible. Valid state vehicle operator's license desired.

Documentation Required:

Access to government computers requires the following: ability to pass Federal Computer Security Background Investigation; must be able and willing to complete background check application and return via registered mail; must provide own transportation and expense for purpose of obtaining a DOI Employee Identification Card.

HOW TO APPLY:

Application materials must be received by **February 15th, 2014**. Send resume, 3 references, and copy of transcripts to:

Thomas Colson, GIS Program Manager
Great Smoky Mountains National Park
1316 Cherokee Orchard Road
Gatlinburg, TN 37738
(865) 436-1701
thomas_colson@nps.gov

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE **Volunteer Management Intern**
1 Position (Summer)



LENGTH OF APPOINTMENT 12 weeks
STIPEND \$125 per week + dorm housing included

OVERVIEW

Great Smoky Mountains National Park is recruiting qualified individuals for a summer internship in volunteer management. Great Smoky Mountains National Park has the largest Volunteer-in-Parks (VIP) program in the Southeast Region of the National Park Service. Last year, more than 2,600 volunteers contributed more than 150,000 hours of time to the benefit of Great Smoky Mountains National Park and its' visitors. This internship involves both office and field-work and assists the Park-wide Volunteer Coordinator.

POSITION DESCRIPTION

Assist the park's Volunteer Coordinator with volunteer recruitment, coordination and management. Assist with providing information to prospective volunteers, coordinating and leading workday with volunteers of all ages, and participating in volunteer training opportunities. Support the program through database entry and other volunteer related projects.

SKILLS REQUIRED

Applicants must have an interest in the profession of volunteer management. Applicants must possess the following skills and abilities:

- Excellent interpersonal skills and be able to effectively communicate with a variety of individuals
- Willingness to work independently and lead groups of volunteers in completing park projects
- Be proficient with computer programs such as Excel, Word, Access, and Photoshop
- Be in excellent physical condition and have a demonstrated ability to hike
- Readiness to work both in an office setting and outside in the field

HOW TO APPLY

Application materials must be received by **March 15, 2014**. Send resume, 3 references and copy of transcripts to:

Christine Hoyer, Volunteer Coordinator
107 Park Headquarters Road
Gatlinburg, TN 37738
865-436-1265
christine_hoyer@nps.gov

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

**Natural History Museum
Collections Intern**
1 Position (Summer)



LENGTH OF APPOINTMENT

12 weeks (May-August)

STIPEND

\$125 per week + dorm housing included

OVERVIEW

Great Smoky Mountains National Park is recruiting qualified students for a summer internship in the Resource Management Division. The position will focus on museum management and cataloging of natural history specimens. There may also be an opportunity to assist with some natural history fieldwork.

DESCRIPTION OF DUTES:

The Natural History Museum Collections Internship at the Great Smoky Mountains National Park will provide an opportunity for interested and motivated individuals to develop the skills necessary to process, catalog, and manage natural history museum collections. The temperate climate of Great Smoky Mountains National Park supports a variety of plant and animal species. This diversity of these resources is rivaled by few other places in the world and the park's museum collections include extensive natural history collections that document this diversity of life. Collections include fluid preserved specimen, pinned insects, herbarium sheets, and taxidermied specimens.

The selected individual will work closely with the Park's Curator and Natural Resources Specialists. Projects will include, organizing, archiving, cataloguing, and curation of natural history collections. In addition, the individual shall work with curatorial staff to support exhibits and aid in the organization and maintenance/cleaning of the collection storage areas. Interns may also have the opportunity to participate in field investigations with natural resources staff.

SKILLS NEEDED: Attention to detail and a strong interest in Natural History collections. Ability to hike/backpack. Note: Exposure to poison ivy and biting/stinging insects are possible, those highly allergic should carefully consider this issue.

SKILLS DESIRED: Academic background in botany, entomology, or other natural history discipline.

HOW TO APPLY:

Each prospective intern should submit a letter of interest and Vitae, identifying how this internship might fit in with their career goals, and identifying previous experiences that they feel might be useful in performing this work. In addition, a copy of the most recent college transcript and current academic standing will be required. Application materials must be received by **March 15, 2014** to:

Dianne Flaugh
Great Smoky Mountains National Park
107 Park Headquarters Road
Gatlinburg, TN 37738
dianne_flaugh@nps.gov

Great Smoky Mountains National Park 2014 Internship

POSITION TITLE

Cultural Resources Intern

1 Position



LENGTH OF APPOINTMENT

12 weeks (May-August)

STIPEND

\$125 per week + dorm housing included

OVERVIEW

Great Smoky Mountains National Park is recruiting qualified students for a summer internship in the Cultural Resource Management Branch. The position is field and office oriented and assists with site assessments of known cultural resources located within the park.

DESCRIPTION OF DUITES:

The Cultural Resource Internship at the Great Smoky Mountains National Park will provide an opportunity for interested and motivated individuals to develop the skills related to the management of cultural resources ranging from buildings and landscapes to archeological sites and museum collections.

The selected individual will work closely with the Park's Cultural Resource Program Manager and will assist the Cultural Resources program in conducting site assessments documenting the current condition of cultural resource sites and with Section 106 compliance requirements. Interns will also have an opportunity to assist the park curator with the curation of historic and archaeological objects.

SKILLS NEEDED: Attention to detail; ability to hike/backpack; may require overnight backcountry stays. Note: Exposure to poison ivy and biting/stinging insects are possible, those highly allergic should carefully consider this issue.

SKILLS DESIRED: Academic background in cultural landscapes, historic structures, archeology, history or other cultural resource management discipline.

HOW TO APPLY:

Each prospective intern should submit a letter of interest or Vitae expressing interest in the internship, identifying how this internship might fit in with their career goals, and identifying previous experiences that they feel might be useful in performing this work. In addition, a copy of the most recent college transcript and current academic standing will be required. Application materials must be received by

March 15, 2014 to:

Dianne Flaugh

Great Smoky Mountains National Park

107 Park Headquarters Road

Gatlinburg, TN 37738

dianne_flough@nps.gov

Great Smoky Mountains National Park 2014 Internship



POSITION TITLE

Resource Education Intern

7 Positions

1 Spring Position
(Oconaluftee Visitor Center)

3 Summer Positions
(2 Positions at Sugarlands Visitor Center, 1 Position at Oconaluftee Visitor Centers)

2 Fall Positions
(Sugarlands Visitor Center)

1 Winter/Spring Position - 2015
(Sugarlands Visitor Center)

LENGTH OF APPOINTMENT

Summer – 12 weeks; Fall and Winter/Spring – 16 weeks

STIPEND

\$125 per week + housing included

OVERVIEW

Great Smoky Mountains National Park interns in Resource Education acquire experience and training in presenting thematic naturalist and cultural programs, become familiar with operations at a visitor center in a large national park, and gain knowledge on a variety of topics including wildlife biology, botany, forest ecology, geology, Native American culture, history, and park management. In addition, there are many recreational opportunities either in Park or the surrounding area to hike, bike, backpack, canoe, kayak, raft, fish, rock climb, and observe wildlife.

DESCRIPTION OF DUTIES

Resource education/ interpretation interns deal directly with park visitors. After completing a training session, the work involves answering questions at visitor centers and providing trip planning help at an information desk, researching, preparing, and presenting short guided walks and talks, leading children's programs, providing information to individuals you may encounter on trails or overlooks, providing roving interpretation in the field, assisting with traffic/visitor management around wildlife, assisting other park operations in the field, and completing a wide variety of special projects. The intern wears a volunteer in parks (VIP) hat and or shirt to be identifiable to the visiting public and acts as a representative of the National Park Service.

SKILLS REQUIRED

Applicants must be college graduates or college students in a declared major field of study such as natural or physical sciences, history, education, communications, natural science interpretation, or recreation and resource management. An interest or experience in interpretation or environmental education, natural or cultural history would be helpful, but is not required. Applicants should have the ability to communicate ideas effectively, and enthusiasm for sharing knowledge with others.

BENEFITS

Interns selected for the program will participate in all training and orientation normally attended by the resource education staff, and will receive rent-free housing, a stipend of \$125 per week for a 12 week assignment and a uniform. Interns will be paid bi-weekly. Travel to and from the park is at the intern's personal expense. Personal vehicles are encouraged to facilitate off duty travel.

HOW TO APPLY

Submit a detailed resume which lists education, work experience, hobbies and other interests, and at least three references. College students or graduates should also include a college transcript. Applicants should specify their subject matter interests and can seek information on park programs by reviewing information on the park's website at www.nps.gov/grsm.

For Sugarlands Visitor Center, Send Application materials to:

Caitlin Worth
Great Smoky Mountains National Park
107 Park Headquarters Road
Gatlinburg, TN 37738
(865) 436-1263
caitlin_worth@nps.gov

For Oconaluftee Visitor Center, Send Application materials to:

Florie Takaki
Great Smoky Mountains National Park
1194 Park Headquarters Road
Cherokee, NC 28719
(828) 497-1905; florie_takaki@nps.gov

Application materials must be mailed to the appropriate supervisor by the following dates:

Spring Internship Position	February 15, 2014
Summer Internship Position	March 1, 2014
Fall Internship Position	June 15, 2014
Winter Internship Position	September 1, 2014