

PISGAH FOREST INSTITUTE

at Brevard College in Brevard, North Carolina presents:

2008 Workshops for Educators

FREE for all Educators!

Includes: room, board, instruction, notebook, and many classroom takeaways!

February 16–April 14, 2008: Distance Learning: Earth/Environmental Science for Middle and High School Teachers

This on-line distance learning workshop will run for 8 weeks and is designed for educators of grades 6-12. The workshop will focus on four general sections of earth and environmental science curriculum: geology, ecology, hydrology, and atmospheric conditions. Participants will be provided with background information, lessons, and activities in these areas. This workshop will start with an orientation at Brevard College with the PFI staff. This workshop is geared to participants that are unable to travel to our week-long summer workshops. Workshop participants are eligible to receive up to 4 Continuing Education Unit (CEU) credits based on 40 contact hours, as well as Criteria III credit in the North Carolina Environmental Educator's (NCEE) Certification Program. Three semester hours of undergraduate college credit is available through Brevard College.

June 15–20, 2008: Earth/Environmental Science for Middle and High School Teachers

This workshop provides science educators of grades 6-12 with classroom lessons, laboratory activities, and field experiences associated with earth and environmental topics. The workshop will focus on four general sections of earth and environmental science curriculum: geology, ecology, hydrology, and atmospheric conditions. The workshop will use the national forests of Western North Carolina as a classroom to teach participants about the unique organisms and ecosystems of the Southern Appalachian Mountains. Workshop participants are eligible to receive up to 4 Continuing Education Unit (CEU) credits based on 40 contact hours, as well as Criteria I or II credit in the North Carolina Environmental Educators (NCEE) certification program. Three semester hours of undergraduate college credit is available through Brevard College.

June 22–27, 2008: Earth/Environmental Science for Elementary School Teachers

This workshop provides elementary educators with classroom lessons, laboratory activities, and field experiences that capitalize on the topics in the earth and environmental K-5 science curriculums. Teachers will be presented pertinent background information along with tangible methods to introduce these earth and environmental science concepts to K-5 students. Emphasis will be placed on using the environment around us to provide a living classroom to students. Some of the specific topics include: plants and animals, geology, water and air quality, and weather. Environmental issues will be integrated throughout the workshop. Workshop participants are eligible to receive up to 4 Continuing Education Unit (CEU) credits based on 40 contact hours, as well as Criteria I or II credit in the North Carolina Environmental Educators (NCEE) certification program. Three semester hours of undergraduate college credit is available through Brevard College.

July 13–15, 2008: Recycling and Composting in the Classroom

This workshop, designed for K-12 educators, will focus on recycling and composting, and their importance in solid waste management and sustainability. In learning about these topics, participants will also be learning how and why to teach about recycling and composting. Woven throughout the workshop will be material from both Wake County's "Feed the Bin" and Keep America Beautiful's "Waste in Place" school recycling curriculum guides. In addition to this curriculum, we will focus on how to implement and effectively run a recycling and composting program in a school setting. Workshop participants are eligible to receive up to 1.5 Continuing Education Unit (CEU) credits based on 15 contact hours, as well as Criteria III credit in the North Carolina Environmental Educators (NCEE) certification program.

July 16–18, 2008: Forest Invasives

Forest Invasives will examine invasive species of plants, animals, and fungi that have affected the forests of the Southern Appalachians and altered the composition of native trees and other organisms. The most recent invader has been the Hemlock Woolly Adelgid, an aphid-like insect that attacks Hemlock trees, but several other animals have also affected forest systems. Everyone recognizes that Kudzu is an invasive plant, but there are several other plants that are even more damaging to forest ecosystems. Fungal diseases have historically been problematic in the moist forests of the Southern Appalachians, with Chestnut Blight a major source of forest change. This workshop will teach participants to identify invasive species and describe ways to control them. This workshop is designed for K-12 educators. Workshop participants are eligible to receive up to 1.5 Continuing Education Unit (CEU) credits based on 15 contact hours, as well as Criteria II credit in the North Carolina Environmental Educators (NCEE) certification program.

July 20–25, 2008: Forest Ecology

This workshop offers participants an opportunity to learn about the important interrelationships in forests. Participants will discover how plants, animals, fungi, and microbes connect to each other to create forest ecosystems. The importance of abiotic features in determining forest type will also be examined, and the role of humans as agents of change will be addressed. The workshop will use the national forests of Western North Carolina as a classroom to teach participants about the unique organisms and ecosystems of the Southern Appalachian Mountains. Topics include: types of forests, changes within the forest systems, and biodiversity. This workshop is designed for K-12 educators. Workshop participants are eligible to receive up to 4 Continuing Education Unit (CEU) credits based on 40 contact hours, as well as Criteria II credit in the North Carolina Environmental Educators (NCEE) certification program.

Pisgah Forest Institute is a non-profit, cooperative, environmental education effort of the USDA Forest Service, the Cradle of Forestry in America Interpretive Association, and Brevard College.

For more information and to pre-register, check out our website at www.pisgahforestinstitute.org

Get in touch! pfi@brevard.edu or call us at (828) 884-8229.