

OSUCHS NATIVE EXPLORERS 2015

Whitten-Newman Native Explorers Scholarship (OSU-CHS)

MAY 18—29, 2015

All expenses paid in full

LAB ACTIVITIES (MAY 18, 2015)

- > Studying Anatomy
- > Studying Diseased Organs
- > Preparing Fossils
- > Reading Topographic Maps

FIELD ACTIVITIES (MAY 19-29, 2015)

- > Visiting Museums
- > Collecting Fossils
- > Touring Pueblos and Archeological sites
- > Identifying Plants/Animals
- > Camping (primitive) & Hiking
- > Wilderness Survival

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<http://www.nativeexplorers.org/apply-today>

If you are American Indian and are interested in the natural world and Native culture, you should consider joining our team of Native research scientists, educators, and physicians on a scientific and cultural expedition. The program provides out of the classroom, hands-on experiences that will strengthen your knowledge of science, medicine, and Native cultures. We will work with you to build professional and tribal networks in science, medicine, and culture. Ultimately, you will learn how Native cultures complement the natural world and medicine while creating lifelong, professional networks and friendships. To this end, the program will provide guidance for your career choices and strengthen your cultural background. This year, we will explore three unique geographic regions: 1) New Mexico, 2) Oklahoma, and 3) Texas.

In New Mexico, we will visit museums, archeological sites, and local pueblos to learn about the history and culture of the Native people that inhabited these regions for the past 5,400 years. In Oklahoma and Texas, we will visit famous vertebrate localities and collect vertebrate fossil remains (e.g., horse, rhinos, camels, saber-toothed cats, and wolves) from sediments that range in age from 2-16 million years. You will learn about the region's modern plants and animals as well. If you are interested in learning about the vertebrate fossils, natural history, and Native culture and traditions of the southern Great Plains of North America, then this scientific expedition is for you. You may be eligible to earn three hours of college credit. The program will occur from May 18 – 29, 2015. The deadline for application materials and letter of support is March 15, 2015 (received). Successful participants will be notified by email on 6 April 2015.

Activities will begin on the campus of Oklahoma State University Center for Health Sciences (OSU-CHS) in Tulsa, OK and include exploring anatomy by comparing diseased and normal organs (lungs, hearts, brains, bones). Participants will learn how to identify fossil remains and will be introduced to tools used by vertebrate paleontologists. Physicians and medical students will interact with the participants to teach them about healthful lifestyles and medicine. The on-campus activities will be followed by a scientific excursion. Native traditions and culture will be an integral part of this program.

Participants will work side-by-side with Native research scientists from OSU-CHS, the Sam Noble Oklahoma Museum of Natural History, and the New Mexico Museum of Natural History and Science to learn about vertebrate paleontology and natural history. Archeologists, geologists, and biologists from the U.S.D.A. Forest Service and Bureau of Land Management will introduce participants to protocols used for the management of natural resources and the preservation and protection of historic sites as well as possible career opportunities and internships.

The primary objectives of the Native Explorers Program are to promote and increase the number of American Indians in science and medicine. This opportunity will expose participants to careers in graduate and medical programs as well as federal programs (e.g., U.S.D.A. Forest Service, Bureau of Land Management) and state agencies.

To apply to the program or for more information on the program follow the link below. <http://www.nativeexplorers.org/apply-today> or see the box to the lower left.



Funded by the Chickasaw Nation, Whitten-Burrage Law Firm, and OSU-CHS