



United States Department of the Interior
National Park Service
National Center for Preservation Technology and Training
645 College Avenue
Natchitoches, Louisiana 71457



March 3, 2004

SUMMER UNDERGRADUATE INTERNSHIP ANNOUNCEMENT
In Materials Testing—Consolidants Study

Applications are invited from qualified candidates for an undergraduate internship at the National Center for Preservation Technology and Training (NCPTT). NCPTT is an office of the National Park Service located on the campus of Northwestern State University (NSU) in Natchitoches, Louisiana. A ten-week internship will be available pending availability of funding. The position will begin June, 2004. The intern will be a short-term employee of Northwestern State University. Compensation will be based on experience, including academic experience.

NCPTT is an interdisciplinary research facility that serves the historic preservation community nationwide. NCPTT's current work includes the fields of historic architecture, archeology, historic landscapes, and objects and materials conservation.

Tasks and Duties

The intern will undertake research at NCPTT on the interaction of air pollution with conservation treatments for limestone and marble. This undergraduate student will work closely with NCPTT staff and a graduate intern to implement testing methodology for evaluating sulfur dioxide interaction with consolidated stone. The work will include evaluating sample preparation, instrumental analysis and working as part of a team on the project. In-house testing may include FTIR analyses, color measurement, and laser profilometry, among others.

Qualifications

Demonstrated laboratory skills are required. Knowledge of artificial weathering instrumentation is preferred. Past coursework including organic chemistry, analytical chemistry, or physics would be helpful to the successful applicant. All applicants must be accepted to or currently enrolled at a four-year college in a physical science or materials science program (i.e. chemistry, physics, etc.).

To apply, send a letter of interest that includes the dates that the candidate would be available for work at NCPTT (between June 1, 2004 and August 15, 2004), resume, and a current transcript, to Mary F. Striegel, National Center for Preservation Technology and Training, 645 College Avenue, Natchitoches, Louisiana, 71457. Applications will be accepted through March 24, 2004. For more information, call 318/356-7444, fax 318/356-9119 or e-mail: mary_striegel@nps.gov.

The National Park Service and Northwestern State University are Affirmative Action/Equal Opportunity Employers. Women, minorities, and individuals with disabilities are encouraged to apply.