

NCPPTT

Annual Report for the period October 1, 1994 – September 30, 1999



To the President and Congress

The Preservation Technology and Training Board is pleased to be part of NCPPTT's first five years of growth. Grounded in a sound study of the technical needs of historic preservation in the United States, NCPPTT has addressed substantial national needs for research, training and information — as demonstrated by the work summarized in this annual report.

During the next few years, NCPPTT will be challenged to build on its initial success. In 1998 and 1999, the PTTBoard assessed NCPPTT's strengths and needs. From this assessment, the PTTBoard recommended to the National Park Service that NCPPTT develop a balanced program of activities in close association both with the nation's strong centers of scientific and technical expertise and with national professional and preservation organizations. The PTTBoard will continue to work with the National Park Service to develop an NCPPTT that fully benefits the preservation community and serves to create a better and more meaningful future for America.

Dr. Elizabeth A. Lyon
On behalf of the Preservation Technology and Training Board
November 1999

Creating NCPPTT

In September 1986, the US Congress' Office of Technology Assessment published *Technologies for Prehistoric & Historic Preservation*. The OTA report is an in-depth study of historic preservation, based on data gathered from five workshops throughout the United States with 11-15 participants each, 15 formal reviewers and over 100 assistant reviewers. The assessment cites the critical need to establish a Federally funded institution "as a mechanism to coordinate research, disseminate information, and provide training about new technologies for preservation."

Strategies for implementing OTA report findings and recommendations included establishing a "Federal Center for Preservation Technology" within the Department of the Interior or a

"National Center for Preservation Technology" to be operated by a consortium of universities, plus a "Preservation Technology Board."

Recommendations for a national research and development organization devoted to technical issues in preservation were adapted into legislation as part of the National Historic Preservation Act Amendments of 1992. The legislation established the National Center for Preservation Technology and Training, an advisory board — the Preservation Technology and Training Board —, and the Preservation Technology and Training Grants program as major components of a new "national initiative to coordinate and promote research, distribute information, and provide training about preservation skills and technologies."

NCPPTT Purposes

NCPPTT has five legislated purposes —

- "(1) develop and distribute preservation and conservation skills and technologies for the identification, evaluation, conservation, and interpretation of prehistoric and historic resources;
- "(2) develop and facilitate training for Federal, State and local resource preservation professionals, cultural resource managers, maintenance personnel, and others working in the preservation field;
- "(3) take steps to apply preservation technology benefits from ongoing research by other agencies and institutions;
- "(4) facilitate the transfer of preservation technology among Federal agencies, State and local governments, universities, international organizations, and the private sector; and
- "(5) cooperate with related international organizations including but not limited to the International Council on Monuments and Sites, the International Center for the Study of Preservation and Restoration of Cultural Property, and the International Council on Museums."



The five purposes are fulfilled through NCPPTT's three components — information management, research and training —, and four programs — grants, projects, clearinghouse and consultations. Nearly all of NCPPTT's work is undertaken in partnership with preservation organizations, and institutions throughout the United States. This annual report includes summaries of each NCPPTT component and program, and a list of NCPPTT's grants and project work and the partners with whom NCPPTT collaborates.

Preservation Technology and Training Board

The PTTBoard has three legislated duties —

"(1) provide leadership, policy advice, and professional oversight to the Center"

The PTTBoard reviews NCPPTT's current and future activities twice annually and advises the National Park Service on NCPPTT's direction and development. One of the PTTBoard's chief means of assisting NCPPTT to gauge its development and progress is a long-range plan prepared by the PTTBoard. This annual report includes excerpts from the long-range plan.

"(2) advise the Secretary on priorities and the allocation of grants among the activities of the Center"

The PTTBoard advises on NCPPTT's grants program — including annual oversight of the call for proposals, and the proposal review and selection process — to ensure that NCPPTT's grants program addresses issues that are current and important to the national preservation community.

"(3) submit an annual report to the President and the Congress."

This responsibility is fulfilled by this report.

PTTBoard Members 1994-1999

As legislated, thirteen members comprise the PTTBoard: the Secretary of the Interior or the Secretary's designee, six members appointed by the Secretary who represent "Federal, State and local agencies, State and local historic preservation commissions, and other public and international organizations," and six members appointed by the Secretary "on the basis of outstanding professional qualifications who represent major organizations in the fields of archeology, architecture, conservation, curation, engineering, history, historic preservation, landscape architecture, planning, or preservation education."

The initial PTTBoard was appointed by the Secretary of the Interior in 1994. Since initial appointments in 1994, two members have left the PTTBoard and two members have joined.

Chair, 1994-
Dr. Elizabeth A. Lyon
Term 1994-2004

Vice-chair, 1994-
Robert Z. Melnick, FASLA
School of Architecture and Allied Arts
University of Oregon
Term 1994-2000

Secretary of the Interior's Representative, 1994-
E. Blaine Cliver
Historic American Buildings Survey/
Historic American Engineering Record
National Park Service

Dr. Neville Agnew
The Getty Conservation Institute
Term 1994-2002

Patricia H. Gay
Preservation Resource Center
of New Orleans
Term 1997-2000

Dr. Jon Gibson
University of Southwestern Louisiana
Term 1994-1997

Nicholas Gianopoulos
Kestel & Hood Company
Term 1994-2002

Dr. Alferdeen B. Harrison
Margaret Walker Alexander
National Research Center
Jackson State University
Term 1994-2002

Dr. James K. Huhta
The Center for Historic Preservation
Middle Tennessee State University
Term 1994-2004

Dr. W. James Judge
Department of Anthropology
Fort Lewis College
Term 1994-2004

Christy McAvo
Historic Resources Group
Term 1996-2004

F. Blair Reeves, FAIA
School of Architecture
University of Florida
Term 1994-2002

Carolyn L. Rose
Department of Anthropology
National Museum of Natural History
Smithsonian Institution
Term 1994-2000

Frank Emile Sanchis, III
Municipal Art Society
Term 1994-2000

Dr. Patty Jo Watson
Department of Anthropology
Washington University
Term 1994-1996

NCPPTT's Long-Range Plan

A long-range plan was developed by the PTTBoard in consultation with NCPPTT, coordinated with the National Park Service system-wide and cultural resources strategic plans, and distributed for comment to the national preservation community. The fourteen goals of NCPPTT's long-range plan address NCPPTT's development and the work of NCPPTT's information management, research and training components.

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| Goal 1 | Sufficient resources for full implementation of NCPPTT's legislated purposes and mission in information management, training and education, and research |
| Goal 2 | Public awareness of and cooperation with NCPPTT's goals and programs |
| Goal 3 | Increased and improved access to preservation information and knowledge of electronic means to obtain information |
| Goal 4 | Enhancement of NCPPTT as a clearinghouse for preservation and conservation information |
| Goal 5 | Information dissemination to a broad preservation constituency in a wide variety of media |
| Goal 6 | Employment of the most current means of information management and dissemination |
| Goal 7 | Expanded access to all types of preservation training, with NCPPTT serving as a national clearinghouse of training opportunities |
| Goal 8 | National leadership in preservation training and education |

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|----------------|---|
| Goal 9 | Encouragement of programs encompassing the entire continuum of preservation and conservation education — from public awareness to specialized professional training |
| Goal 10 | Establishment of NCPPTT as a major sponsor of research in preservation and education |
| Goal 11 | Assessment of national research needs in preservation, and establishment of research priorities by discipline |
| Goal 12 | Identification of institutions currently conducting preservation research, and determination of the nature and scope of research to be conducted by NCPPTT |
| Goal 13 | Transfer of technologies and technical information among agencies and organizations, and among disciplines |
| Goal 14 | Publication and distribution of research results in order to increase access to technologies and expertise relevant to all aspects of preservation. |



NCPPTT's Organization

Within the US Department of the Interior, NCPPTT is part of the Washington office of the National Park Service — under the Associate Director for Cultural Resource Stewardship and Partnerships.

NCPPTT is organized in three components — information management, research and training — and each component participates in four NCPPTT programs — grants, projects, clearinghouse and consultations.

NCPPTT's Components

Information Management

NCPPTT's Information Management component develops NCPPTT as a clearinghouse for preservation information, disseminates preservation information to a broad audience in a wide variety of media, and supports the development of electronic sources of preservation information.

Research

NCPPTT's Research component encourages and supports the application of science and technology to the preservation of cultural resources, with emphasis on the transfer of new technologies from related fields and the role of atmospheric pollution in the deterioration of cultural resources. The Research component seeks to improve preservation practice and to benefit the nation's cultural resources.

Training

NCPPTT's Training component supports and develops training in new preservation technologies, and the use of new media in delivering training. The Training component's work benefits individuals, public and private organizations and institutions, Federal agencies, and state and local governments.

NCPPTT's Programs

Preservation Technology and Training Grants

Preservation Technology and Training Grants are NCPPTT's chief means of stimulating original and innovative work that enhances the preservation of our nation's cultural resources.

The PTTGrants program was created within the legislation that also established NCPPTT and the PTTBoard — "in order to ensure an effective and efficient system of research, information distribution and skills training in all the related historic preservation fields."

PTTGrants support work on technical issues in archeology, historic architecture, historic landscapes, objects and materials conservation, and interpretation. PTTGrants are awarded annually and competitively, following a call for proposals and a three-tiered review that includes external review by disciplinary peers. In 1994 and 1995, PTTGrants were awarded for research and training projects. In 1996, PTTGrants were awarded for research, training and information management projects. Since 1997, PTTGrants are awarded for eight project types —

- Information management
- Training and education
- Applied/fundamental research
- Environmental effects
- Technology transfer
- Analytical facility support
- Conference support
- Publications support.

Since 1994, requests for PTTGrants have totaled over \$31 million; nearly \$4.5 million have been awarded.

PTTGrants awarded in 1994-1999 are listed on the reverse of this brochure.

Preservation Technology and Training Projects

Each NCPPTT component undertakes specialized projects that build on the personal professional expertise of NCPPTT's senior staff, address aspects of NCPPTT's mission and long-range plan, and continue or expand work initiated under the PTTGrants program.

PTTProjects for 1994-1999 are listed on the reverse of this brochure.

Preservation Technology and Training Clearinghouse

The Office of Technology Assessment report cited that "Efficient access to information remains one of the greatest impediments to effective management of cultural resources." NCPPTT's PTTClearinghouse seeks to provide competent and useful preservation information in a variety of easily accessible media.

NCPPTT's Website and Preservation Technology and Training Publications series are important activities within the PTTClearinghouse program.

NCPPTT's Website address is www.ncptt.nps.gov.

PTTPublications distributes the results of PTTGrants and PTTProjects — in print, compact disk and video, and via Internet. PTTPublications includes NCPPTT's newsletter — NCPPTT Notes — published in six print and Web editions in 1999. NCPPTT Notes features NCPPTT's work and other information useful to the preservation community. The PTTPublications catalog is published annually as a supplement edition of NCPPTT Notes — most recently as Spring Supplement 1999 (NCPPTT Notes number 31).

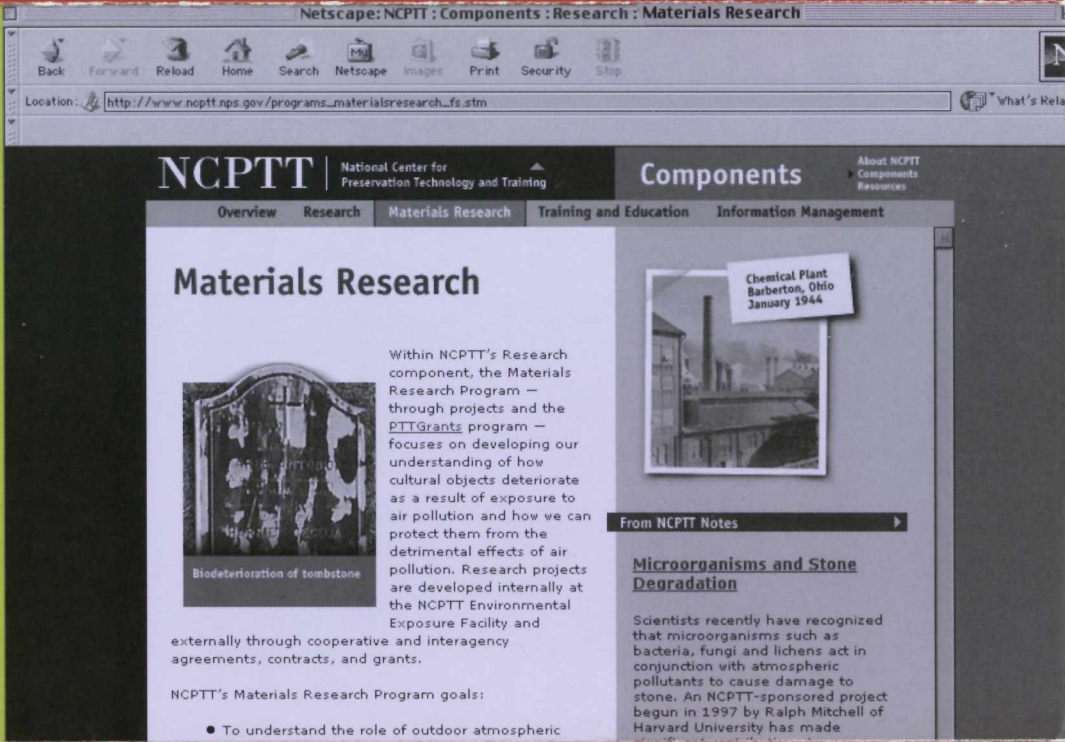
Preservation Technology and Training Consultations

The PTTConsultations service draws on the professional expertise of NCPPTT's senior staff to provide on-site assistance for preservation projects, and to provide expert presentations at workshops, symposiums and conferences. PTTConsultations are NCPPTT's opportunity for immediate impact locally, regionally and nationally.

NCPPTT Finances

NCPPTT is funded by two sources: an annual Congressional appropriation specifically for operating NCPPTT and its programs, and support for NCPPTT's Materials Research Program from the National Acid Precipitation Assessment Program.

	1995	1996	1997	1998	1999
Available funds					
NCPPTT	\$1,849,000	\$1,833,000	\$1,824,000	\$1,790,000	\$1,797,000
Materials Research Program	524,000	558,000	518,000	546,000	565,500
Total	\$2,373,000	\$2,391,000	\$2,342,000	\$2,336,000	\$2,362,500
Expenditures					
Administration/operations	\$640,000	\$372,000	\$341,000	\$330,000	\$242,000
PTTGrants	933,000	720,000	638,000	715,000	900,000
PTTProjects	575,000	929,000	1,025,000	900,000	771,000
Staff and travel support for PTTGrants and PTTProjects	225,000	370,000	338,000	391,000	449,500
Total	\$2,373,000	\$2,391,000	\$2,342,000	\$2,336,000	\$2,362,500



NCPPTT Headquarters

Under a \$3.35 million contract between the National Park Service and Northwestern State University of Louisiana — with Federal funds appropriated in 1994 —, NSU shall renovate a circa 1926 gymnasium listed on the National Register of Historic Places as NCPPTT headquarters.

Groundbreaking for the project was in August 1997. A major fire in November 1997 destroyed the gymnasium interior and roof. The project currently is scheduled for completion in January 2001.

National Park Service

Robert G. Stanton
Director

Katherine H. Stevenson
Associate Director, Cultural Resource Stewardship and Partnerships

NCPPTT is one of three national centers under the Associate Director for Cultural Resource Stewardship and Partnerships: NCPPTT, the National Center for Cultural Resources Stewardship and Partnership Programs, and the National Center for Recreation and Conservation.

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NCPPTT

Five permanent full-time National Park Service preservation experts serve as NCPPTT's senior staff, supplemented by associates employed through a cooperative agreement with Northwestern State University of Louisiana and student assistants employed by the National Park Service. NCPPTT staff totals 12-15.

Executive Director, 1994-1999
John Robbins

BArch, University of Virginia
Mr. Robbins has practiced as a preservation architect with the National Park Service and in private practice.

Information Management Coordinator, 1994-
Mary Carroll
MA, Arizona State University
Ms Carroll is an archeologist whose career has focused on designing and implementing computerized database systems for cultural resource management.

Materials Research Program Manager, 1995-
Dr. Mary R. Striegel
PhD, Washington University
Dr. Striegel is an inorganic chemist whose work has focused on materials effects and analytical techniques related to cultural resources conservation.

Research Coordinator, 1994-
Dr. Mark Gilbert
PhD, University of London Institute of Archaeology
Dr. Gilbert is a conservation scientist with international experience in a broad range of research and conservation issues.

Training Coordinator, 1994-
Frances Gale
MS, Columbia University
Ms Gale is an architectural materials conservator with extensive experience in the conservation of historic masonry structures and monuments, and preservation education.

Our Mission

United States Department of the Interior

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and to honor our trust responsibilities to tribes.

National Park Service

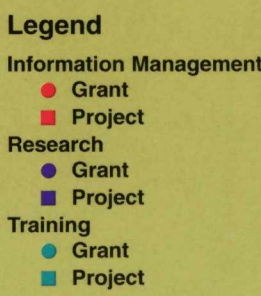
The National Park Service preserves unimpaired the natural and cultural resources and values of the National Park System for the enjoyment, education and inspiration of this and future generations. The Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world.

National Center for Preservation Technology and Training

The National Center for Preservation Technology and Training promotes and enhances the preservation of prehistoric and historic resources in the United States for present and future generations through the advancement and dissemination of preservation technology and training.

NCPPTT, created by Congress, is an interdisciplinary effort by the National Park Service to advance the art, craft and science of historic preservation in the fields of archeology, historic architecture, historic landscapes, objects and materials conservation, and interpretation. NCPPTT serves public and private practitioners through research, education and information management.





Throughout the United States, NCPTT has undertaken important and varied work to advance the preservation of cultural resources. Partners in government, private practice, tribes, museums, universities and non-profits are important collaborators in nearly all that NCPTT has accomplished. This list summarizes NCPTT's work through the PTTGrants and PTTProjects programs.

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This list corresponds to the current descriptive catalog of NCPTT's grants and projects work published as the 1999 Fall Supplement edition of NCPTT's newsletter, NCPTT Notes. Contact NCPTT for a copy of NCPTT Notes 34.