

1997
Spring
Call

US Department of the Interior • National Park Service
National Center for Preservation Technology and Training

1997 PRESERVATION TECHNOLOGY AND TRAINING GRANTS

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Spring Call for Proposals

NCPTT

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Introduction

Through the Preservation Technology and Training Grants program, NCPTT supports work in archeology, historic architecture, historic landscapes, objects and materials conservation, and interpretation. For the Spring Call, proposals may be submitted for consideration in the following four categories of 1997 PTTGrants project types –

- Project type 4 Environmental effects of outdoor pollutants on cultural resources – research and treatment development
- Project type 5 Technology transfer
- Project type 7 Conference support
- Project type 8 Publications support

Project Type 4

ENVIRONMENTAL EFFECTS OF OUTDOOR POLLUTANTS ON CULTURAL RESOURCES—RESEARCH AND TREATMENT DEVELOPMENT

Scope: NCPTT operates the Materials Research Program, which provides a scientific foundation for understanding cultural resources decay caused by outdoor pollutants. Under the Materials Research Program, proposals will be considered for basic and/or applied research that focuses on –

1. Investigating the role of outdoor atmospheric pollution in decay processes
2. Developing management strategies to minimize the effect of pollutant damage
3. Examining new conservation treatments

Projects shall have clearly defined goals, objectives and results that increase the understanding of the effects of outdoor pollutants on cultural resources, lead to better management strategies, or develop better conservation treatments.

Special consideration

Special consideration will be given to collaborative research utilizing the NCPTT Environmental Exposure Facility.

The Facility is a new laboratory for the study of deposition processes on stone and other materials located in Natchitoches, Louisiana. The Facility includes an aerometrically-designed chamber for exposure of materials to gaseous pollutants. The chamber allows for control of windspeed, temperature, humidity, pollutant concentration and turbulence.

Other Facility equipment includes a Dionex DX500 Ion Chromatograph, a Leica DMRX Research Microscope with Polarized Light Microscopy and Ultraviolet Fluorescence Microscopy capabilities, and a Leica stereo zoom microscope with photographic capabilities.

*Maximum award per proposal per year:
\$50,000 per year; proposals for smaller amounts are encouraged.*

Proposal requirements: Project Type 4

There are no pre-printed application forms for the 1997 PTTGrants program.

Each proposal shall include a cover sheet, project description and resume(s), as follows –

Cover sheet: Submit a one-page cover sheet that includes the following information in the order stated.

1. Project type: Environmental Effects of Outdoor Pollutants on Cultural Resources
2. Project title
3. Names, addresses, telephone and facsimile numbers, and e-mail addresses of –
 - a. Applicant
 - b. Applicant’s principal project contact
 - c. Person authorized to sign award agreement
 - d. Principal investigator(s) responsible for undertaking the proposed project
4. Total 1997 PTTGrants funding requested
5. Project abstract (not to exceed 100 words).

Project description: Submit a project description that includes the following information in the order stated. Project description shall not exceed seven pages in length.

1. Project type: Environmental Effects of Outdoor Pollutants on Cultural Resources
2. Project title

3. Project narrative, including –
 - a. Short review of previously published work on the subject
 - b. Detailed description of the research methodology or approach
 - c. Discussion of why this research is necessary or important
 - d. Account of ways in which the research is innovative.
4. Project objectives, associated tasks, and schedule listed in outline form
5. List of the tangible products that the project will produce. Proposals shall describe how the principal investigator(s) intends to disseminate the results of their research. Grantees are encouraged to present the progress of their research at conferences and to publish their findings upon conclusion of the project in peer-reviewed professional journals or magazines.
6. Description of intended audience
7. Project budget: Use only the budget categories outlined below. For each category, apportion the cost to three sources – NCPTT, matching funds, and donations. Show \$0 for sources that do not apply to a budget category. Itemize each budget category totaling more than \$1000.
 - a. Salaries: This category includes portions of salaries assigned to the applicant's staff.
 - b. Fringe benefits: This category includes fringe benefits on portions of salaries assigned to the applicant's staff.
 - c. Travel: This category includes travel costs for the applicant's staff.
 - d. Equipment
 - e. Supplies
 - f. Contractual: This category includes fees and travel costs for consultants. Principal investigators who are not on the applicant's staff are considered consultants.
 - g. Construction
 - h. Other: Postage, printing, etc.
 - i. Total direct charges: Sum of a through h
 - j. Total indirect charges: Not to exceed one-third of total direct charges
 - k. Total project budget: Sum of I and j

Note: On projects supported by PTTGrants, neither Federal nor non-Federal funds stated in the project budget may be used to pay salary or expenses to Federal employees for work on the project.

8. Suggested peer reviewers: Include names, addresses, telephone and facsimile numbers, and e-mail addresses.

Resumes: Submit a one-page resume for each principal investigator.

Project Type 5

TECHNOLOGY TRANSFER

Scope: Proposals for technology transfer projects will be considered for exploratory or preliminary research that seeks to facilitate the transfer of new or emerging technologies developed for use in other disciplines to the field of historic preservation, including projects that seek to –

1. Apply new technologies to preservation problems
2. Develop standards for the application of new technologies
3. Reduce the cost of new technologies
4. Train preservation practitioners in new technologies
5. Apply new educational technologies to preservation training
6. Apply new computer technologies to the management and/or dissemination of preservation information

Proposals for projects that seek to examine international experiences with preservation techniques, methods, and equipment for possible transfer to US applications also are welcome.

For the purposes of the PTTGrants program, technology refers broadly to equipment, method or technique that can be applied to the discovery, analysis, interpretation, conservation, restoration, protection or management of historic objects, sites, structures or landscapes.

Maximum award per proposal per year: \$15,000

Proposal requirements: Project Type 5

There are no pre-printed application forms for the 1997 PTTGrants program.

Each proposal shall include a cover sheet, project description and resume(s), as follows –

Cover sheet: Submit a one-page cover sheet that includes the following information in the order stated.

1. Project type: Technology Transfer
2. Project title
3. Names, addresses, telephone and facsimile numbers, and e-mail addresses of –
 - a. Applicant
 - b. Applicant's principal project contact

- c. Person authorized to sign award agreement
- d. Principal investigator(s) responsible for undertaking the proposed project
4. Total 1997 PTTGrants funding requested
5. Project abstract (not to exceed 100 words).

Project description: Submit a project description that includes the following information in the order stated. Project description shall not exceed five pages in length.

1. Project type: Technology Transfer
2. Project title
3. Project narrative, including –
 - a. Relevant background information and references
 - b. Outline of the research methodology or approach
 - c. Discussion of the practical use and benefits of this technology to the preservation and conservation community
 - d. Statement of principal investigator(s) competence.
4. Project objectives, associated tasks, and schedule listed in outline form
5. List of the tangible products that the project will produce. Proposals must describe how the principal investigator(s) intends to disseminate results. Grantees are encouraged to publish project results in a professional newsletter or as technical note in a professional journal or magazine.
6. Description of intended audience, including estimates of audience size where appropriate.
7. Project budget: Use only the budget categories outlined below. For each category, apportion the cost to three sources – NCPTT, matching funds, and donations. Show \$0 for sources that do not apply to a budget category. Itemize each budget category totaling more than \$1000.
 - a. Salaries: This category includes portions of salaries assigned to the applicant's staff.
 - b. Fringe benefits: This category includes fringe benefits on portions of salaries assigned to the applicant's staff.
 - c. Travel: This category includes travel costs for the applicant's staff.
 - d. Equipment
 - e. Supplies
 - f. Contractual: This category includes fees and travel costs for consultants. Principal investigators who are not on the applicant's staff are considered consultants.
 - g. Construction

- h. Other: Postage, printing, etc.
- i. Total direct charges: Sum of a through h
- j. Total indirect charges: Not to exceed one-third of total direct charges
- k. Total project budget: Sum of I and j

Note: On projects supported by PTTGrants, neither Federal nor non-Federal funds stated in the project budget may be used to pay salary or expenses to Federal employees for work on the project.

Resumes: Submit a one-page resume for each principal investigator.

Project Type 7

CONFERENCE SUPPORT

Scope: This PTTGrants project type shall support conferences, workshops and symposia that seek to share recent findings in research, education or information management, or to promote transfer of technology from other disciplines to historic preservation. Conference partnering by multiple organizations is encouraged. Requests for support may include costs for planning and coordinating the event and for publishing proceedings.

In the field of information management, special consideration will be given to conferences that focus on –

1. Interdisciplinary discussion of GIS applications
2. Internet applications for cultural resources management

In the field on training, special consideration will be give to conferences that focus on the use of new educational technologies in preservation education.

Maximum award per proposal per year: \$10,000

Proposal requirements: Project Type 7

There are no pre-printed application forms for the 1997 PTTGrants program.

Each proposal shall include a cover sheet, project description and resume(s), as follows –

Cover sheet: Submit a one-page cover sheet that includes the following information in the order stated.

1. Project type: Conference Support

2. Project title
3. Names, addresses, telephone and facsimile numbers, and e-mail addresses of –
 - a. Applicant
 - b. Applicant’s principal project contact
 - c. Person authorized to sign award agreement
 - d. Principal investigator(s) including chairpersons and members of organizing committees responsible for undertaking the proposed project
4. Total 1997 PTTGrants funding requested
5. Project abstract (not to exceed 100 words)

Project description: Submit a project description that includes the following information in the order stated. Project description shall not exceed five pages in length.

1. Project type: Conference Support
2. Project title
3. Project narrative, including relevant background information such as dates and locations of previous conferences on similar topics and the ways in which the proposed conference will benefit preservation and conservation.
4. Project objectives, associated tasks, and schedule listed in outline form
5. Tentative agenda with location and date of conference, method of announcement or invitation, confirmed speakers, etc.
6. List of the tangible products (e.g., proceedings) that the project will produce and the means for disseminating products
7. Description of intended audience, including estimates of audience size where applicable
8. Project budget: Use only the budget categories outlined below. For each category, apportion the costs to three sources – NCPTT, matching funds, and donations. Show \$0 for sources that do not apply to a budget category. Itemize each budget category totaling more than \$1000.
 - a. Salaries: This category includes portions of salaries assigned to the applicant’s staff.
 - b. Fringe benefits: This category includes fringe benefits on portions of salaries assigned to the applicant’s staff.
 - c. Travel: This category includes travel costs for the applicant’s staff.
 - d. Equipment: Although rental is preferred, purchase of equipment will be considered if shown to be cost effective.
 - e. Supplies

- f. Contractual: This category includes fees and travel costs for consultants. Principal investigators who are not on the applicant’s staff are considered consultants.
- g. Construction
- h. Other: Postage, printing, etc.
- i. Total direct charges: Sum of a through h
- j. Total indirect charges: Not to exceed one-third of total direct charges
- k. Total project budget: Sum of I and j

Note: On projects supported by PTTGrants, neither Federal nor non-Federal funds stated in the project budget may be used to pay salary or expenses to Federal employees for work on the project.

Resumes: Submit a one-page resume for each principal investigator.

Project Type 8

PUBLICATIONS SUPPORT

Scope: Publications support projects shall collate, synthesize, review or interpret existing knowledge in subject areas relevant to historic preservation. Project work shall result in published monographs or articles suitable for publication in peer-reviewed journals.

Maximum award per proposal per year: \$15,000

Proposal requirements: Project Type 8

There are no pre-printed application forms for the 1997 PTTGrants program.

Each proposal shall include a cover sheet, project description, writing sample and resume(s), as follows –

Cover sheet: Submit a one-page cover sheet that includes the following information in the order stated.

1. Project type: Publications Support
2. Project title
3. Names, addresses, telephone and facsimile numbers, and e-mail addresses of –
 - a. Applicant
 - b. Applicant’s principal project contact

- c. Person authorized to sign award agreement
 - d. Principal investigator(s) responsible for undertaking the proposed project
4. Total 1997 PTTGrants funding requested
 5. Project abstract (not to exceed 100 words).

Project description: Submit a project description that includes the following information in the order stated. Project description shall not exceed five pages in length.

1. Project type: Publications Support
2. Project title
3. Project narrative, including –
 - a. A statement of need for such a publication including an overview of previously published review articles, books, or monographs on the topic
 - b. A statement of how the publication will benefit the preservation and conservation community
 - c. A statement of researcher competence
4. Project objectives, associated tasks, and schedule listed in outline form
5. List of the tangible products that the project will produce. Proposals shall describe where the principal investigator(s) intends to publish the article. The final submission shall be prepared in the correct format for publication in the intended journal or magazine.
6. Description of intended audience, including estimates of audience size where applicable
7. Project budget: Use only the budget categories outlined below. For each category, apportion the costs to three sources — NCPTT, matching funds, and donations. Show \$0 for sources that do not apply to a budget category. Itemize each budget category totaling more than \$1000.
 - a. Salaries: This category includes portions of salaries assigned to the applicant’s staff.
 - b. Fringe benefits: This category includes fringe benefits on portions of salaries assigned to the applicant’s staff.
 - c. Travel: This category includes travel costs for the applicant’s staff.
 - d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost effective.
 - e. Supplies
 - f. Contractual: This category includes fees and travel costs for consultants. Principal investigators who are not on the applicant’s staff are

considered consultants.

- g. Construction
- h. Other: Postage, printing, etc.
- I. Total direct charges: Sum of a through h
- j. Total indirect charges: Not to exceed one-third of total direct charges
- k. Total project budget: Sum of I and j

Note: On projects supported by PTTGrants, neither Federal nor non-Federal funds stated in the project budget may be used to pay salary or expenses to Federal employees for work on the project.

Writing sample: Submit a writing sample of approximately 1000 words.

Resumes: Submit a one-page resume for each principal investigator.

Eligible applicants

As cited in legislation that authorized the PTTGrants program, eligible applicants may include Federal and non-Federal laboratories, accredited museums, universities, nonprofit organizations; offices, units, and Cooperative Park Study Units of the National Park System, State Historic Preservation Offices, tribal preservation offices, and Native Hawaiian organizations.

Proposals submitted by the following organizations will be considered –

1. Universities and colleges: US universities and two- and four-year colleges
2. Non-profit, non-academic organizations: Museums, research laboratories, professional societies and similar organizations in the US that are directly associated with educational or research activities
3. Federal, state and local government agencies

(US means the 50 states, District of Columbia, Puerto Rico and US Territories.)

For-profit organizations in the US and unaffiliated US citizens are eligible for support provided they partner (submit a joint proposal) with an eligible university, college, organization or government agency.

NCPTT will consider joint proposals from eligible US and foreign organizations provided PTTGrants support is requested only for the US portion of the collaborative effort.

Proposals that will not be considered –

1. Projects whose principal focus is the treatment of specific sites, structures, objects or collections.
2. Proposals exclusively for undergraduate internships or graduate fellowships.
3. Support for projects that are completed, underway, or will be underway prior to the PTTGrants award date.
4. Projects that duplicate work described in proposals submitted to the PTTGrants program in December 1996.
5. Proposals for conferences for which equivalent results can be obtained at regular meetings of professional societies.

Review and Selection

PTTGrants are awarded competitively. Successful proposals share four principal characteristics –

- Projects are based on creative ideas in preservation or conservation
- Projects are significant for the national preservation and conservation community
- Projects are proposed by capable organizations and principal investigators
- Project descriptions are clear, concise and complete.

Funding allocation by project types will depend on the number and quality of proposals submitted, and the total funds available.

Principal review criteria: Proposals will be evaluated according to the following criteria –

1. Proposals shall clearly describe project, results and audience.
2. Projects shall contribute substantially to a better understanding or distribution of knowledge in historic preservation.
3. Projects shall be innovative.
4. Projects shall be cost effective.
5. Project work shall reach an appropriate and adequate audience.

Proposals undergo internal and external reviews. Each proposal is reviewed first by NCPTT staff for conformance with proposal requirements. For Project Type 4, proposals also will be evaluated by peer reviewers. Proposals of all project types will be reviewed by an interdisciplinary panel of experts convened by NCPTT, and by NCPTT for geographical, institutional and disciplinary distribution. NCPTT's recommendations for PTTGrants awards are then reviewed by a National Park Service grants administrator for financial and policy matters. Final award is by the Director of the National Park Service.

Applicants should allow up to three months for review and processing. Proposals for projects with fixed commencement dates prior to July 1, 1997 will not be considered for review.

Applicants are cautioned that only an appointed NPS grant administrator may make commitments, obligations, or awards on behalf of the Government or authorize the expenditure of funds. No commitment, obligation or award should be inferred from technical or budgetary discussions with NCPTT staff. A principal investigator or organization that makes financial or personnel commitments in the absence of a grant or other agreement signed by an NPS grants administrator does so at their own risk.

Proposals declined in the 1997 PTTGrants program may be resubmitted only after substantial revision, and may not be accepted in the competition immediately following.

Period of support: Excepting Project Type 4: Environmental effects of outdoor pollutants on cultural resources – research and treatment development, the period of support is one-year. Proposals for multi-year will be considered for Project Type 4 if well-defined products are due each year; funding beyond the first year will depend on the progress of work and the availability of funds. Proposals for multi-year projects must not exceed three years.

PTTGrants award and administration: PTTGrants will be awarded and administered according to the US Department of the Interior's Uniform Administrative Requirements for Grants and Cooperative Agreements, Cost Principles, and Audits. Awards usually will be made as grants; in special cases awards may be made as contracts or interagency agreements.

Release of proposal information: Following award of PTTGrants, inquiries about specific proposals will be referred to proposal applicants.

Proposal Submission

1. Proposal preparation and submission: Guidelines for proposal format are rigorous, particularly regarding length and required materials. Proposals not conforming to the guidelines will be returned to the applicant without review. Where multiple organizations are involved in a collaborative or joint project, the proposal shall be submitted by only one applicant. Proposals involving foreign organizations shall be submitted by an eligible US organization.
2. **Deadline:** April 15, 1997; proposals postmarked after the deadline will be returned to the applicant without review.
3. Required materials –
 - a. Four copies of project proposal: Cover sheet, project proposal and resume(s).
 - b. One 3.5-inch diskette containing project proposal in DOS or Windows versions of WordPerfect or Microsoft Word format.
4. Send proposals to –

<i>US Mail</i> NCPTT NSU Box 5682 Natchitoches, LA 71497	<i>Delivery</i> NCPTT 200 South Hall Northwestern State University Natchitoches, LA, 71457
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Inquiries: Direct inquiries to PTTGrants, NCPTT, NSU Box 5682, Natchitoches, LA 71497, telephone 318/357-6464, facsimile 318/357-6421, e-mail ncptt@alpha.nsula.edu.

US Department of the Interior
National Park Service
National Center for Preservation Technology and Training

As part of National Historic Preservation Act Amendments of 1992, the US Congress created the National Center for Preservation Technology and Training, NCPTT's advisory board – the Preservation Technology and Training Board –, and the Preservation Technology and Training Grants program.

At its Autumn 1995 meeting, the PTTBoard stated NCPTT's mission –

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

NCPTT, 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. NCPTT serves public and private practitioners through research, education and information management.

PTTGrants are awarded to eligible applicants with a demonstrated institutional capability and commitment to NCPTT's purposes and mission. PTTGrants support an effective and efficient system of research, information distribution and skills training in all the related historic preservation fields.

**National Center for
Preservation Technology and Training**
NSU Box 5682
Natchitoches LA 71497

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