1998 PTTT Grants

Fall Call for Proposals

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

PRESERVATION TECHNOLOGY AND TRAINING GRANTS
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1998 PTTGrants Fall Call for Proposals

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Information in this brochure also is available from NCPTT's fax-on-demand computer (telephone 318/357-3214 and follow recorded instructions), NCPTT's World Wide Web page <http://www.cr.nps.gov/ncptt/>, and via return e-mail (send a blank message to <pttgrants@alpha.nsula.edu>).
National Center for Preservation Technology and Training

The National Center for Preservation Technology and Training is a group of experts within the National Park Service whose work focuses on technical issues in preservation and conservation. NCPTT’s specialist team seeks 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 by developing and disseminating information and research results and providing training opportunities. NCPTT undertakes its work in partnership with the national preservation and conservation community.

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

Under the terms of its enabling legislation, NCPTT shall —
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 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
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.

Also under the terms of its enabling legislation —
1. the Preservation Technology and Training Board shall advise on priorities and allocation of grants among the activities of NCPTT
2. Preservation Technology and Training Grants shall be provided to eligible applicants with a demonstrated institutional capability and commitment to NCPTT’s purposes, in order to ensure an effective and efficient system of research, information distribution and skills training in all related preservation and conservation fields.

Preservation Technology and Training Grants

The PTTGrants program is NCPTT’s chief means of advancing the practice of historic preservation and supporting the work of the nation’s preservation and conservation community.

Through the PTTGrants program, NCPTT supports work in archeology, historic architecture, historic landscapes, objects and materials conservation, and interpretation. In fiscal year 1998, proposals are requested in the following eight project types —

- Project type 1 Information management
- Project type 2 Training and education
- Project type 3 Applied/fundamental research
- Project type 4 Environmental effects of outdoor pollutants on cultural resources: Research and treatment development
- Project type 5 Technology transfer
- Project type 6 Analytical facility support
- Project type 7 Conference support
- Project type 8 Publications support

PTTGrants are awarded competitively. Successful proposals share six principal characteristics —
1. Applicants demonstrate an understanding of NCPTT and the PTTGrants program
2. Project contributes substantially to the preservation or conservation of cultural resources
3. Project is based on creative ideas in preservation or conservation
4. Project is significant for the national preservation and conservation community
5. Project is proposed by capable organizations and principal investigators
6. Project proposal is clear, concise and complete.

**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.”

The following institutions, organizations and agencies may submit PTTGrants proposals —
1. **Academic institutions:** 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. **US 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:** For-profit organizations and unaffiliated US citizens may submit PTTGrants proposals only in partnership — by submitting a joint proposal — with an eligible US institution, organization or agency.

**Foreign organizations:** For- and non-profit foreign organizations may submit PTTGrants proposals only in partnership with an eligible US academic institution, organization or government agency. PTTGrants may support only the US portion of a collaborative project.

**Appropriate projects**

The PTTGrants program focuses on technical issues in preservation and conservation, including training in technical issues. For the purposes of the PTTGrants program, technical issues do not include advocacy, fundraising, organizational development and similar topics.

For detailed descriptions of projects appropriate for the PTTGrants program, see project types 1-8.

Projects that focus on the treatment — restoration, stabilization, cyclic maintenance, bricks-and-mortar work, conservation, etc. — of a site, structure, object, collection, etc. are appropriate for the PTTGrants program only if the proposal demonstrates that the treatment is not standard or routine and that the treatment includes technical research, development, advances or training that may be applied beyond the proposed project.

In proposals that include specific US sites for treatment or case studies, the sites shall be listed on or eligible for the National Register of Historic Places, and the listing or eligibility shall be documented in the proposal’s project description. In proposals that include specific foreign sites for treatment or case studies, status equivalent to National Register listing shall be documented in the proposal’s project description.

Among the National Park Service’s long-term goals is a commitment to treatments for historic structures and historic landscapes that incorporate sustainable practices to the extent the sustainable practices do not compromise the Secretary of the Interior’s Standards for Rehabilitation. Towards implementing this Servicewide commitment, the PTTGrants program will give special consideration to proposals that include sustainable practices in treatments for historic structures and historic landscapes.

Natural history collections are appropriate topics for PTTGrants proposals if the collections are historically significant and if projects involving natural history collections serve as case studies for significant conservation issues shared with similar collections.

Proposals for projects with fixed commencement dates prior to July 1, 1998 will not be considered.
Proposals for ongoing projects — projects that began before the period of PTTGrants support and will continue after the period of support — will not be considered, although a discrete portion of an ongoing project may be considered. A proposal for the discrete portion shall describe the ongoing project, detail the portion for PTTGrants support, and describe the results for the PTTGrants-supported portion.

Proposals will not be considered for which funding beyond PTTGrants support is required but not secured.

Projects that have received previous PTTGrants support are summarized in the Summer Supplement 1997 edition of NCPTT's newsletter, NCPTT Notes. Copies of the newsletter are available upon request.

PTTGrants process

A. Proposals previously submitted to the PTTGrants program

Proposals declined in previous PTTGrants calls for proposals may be submitted in the 1998 PTTGrants program only after substantial revision. Proposals declined in the 1997 PTTGrants program will be accepted in the 1998 call for proposals at the discretion of NCPTT staff.

Applicants should discuss proposals previously submitted to the PTTGrants program with the NCPTT staff contact for the appropriate project type (see page 22) prior to preparing a similar proposal for the 1998 PTTGrants program.

B. Proposal preparation

Proposals shall follow Guidelines for preparing PTTGrants proposals for each PTTGrants project type. Guidelines for proposals are rigorous, particularly regarding format, length and required materials. Proposals that do not conform to the guidelines will be returned to the applicant without review.

Required materials for each submittal —
1. One original and three copies of project proposal as described in guidelines for proposals for each project type.
2. One 3.5-inch diskette containing project proposal in DOS or Windows versions of WordPerfect or Microsoft Word format.

C. Proposal submission

Only proposals submitted via US Mail, commercial delivery service or hand delivery will be considered.

Send proposals to —

US Mail NCPTT
NSU Box 5682
Natchitoches, LA 71497
Attention: PTTGrants/Cite project type

Delivery NCPTT
200 South Hall
Northwestern State University
Natchitoches, LA 71457
Attention: PTTGrants/Cite project type

D. Deadline for the 1998 PTTGrants Fall Call for Proposals

Via US Mail: Proposals shall be postmarked no later than December 19, 1997; proposals postmarked after the deadline may be returned to the applicant without review.

Via commercial or hand delivery: Proposals sent by commercial delivery service or hand delivered shall be received at NCPTT no later than 5:00 PM CST on December 22, 1997; proposals received after the deadline may be returned to the applicant without review.
E. Proposal review

Specific criteria used in evaluating proposals are described in the *Guidelines for preparing PITTGrants proposals* for each project type.

Under legislation that governs PITTGrants, "Grants ... shall be allocated in such a fashion to reflect the diversity of the historic preservation fields and shall be geographically distributed. ... All such grants shall be awarded in accordance with accepted professional standards and methods, including peer review of projects." Proposals undergo reviews within (internal) and outside of (external) NCPTT as follows.

Each proposal is reviewed first internally for conformance with *Guidelines for preparing PITTGrants proposals*, second by external peer reviewers, third by an interdisciplinary panel of external peer-experts, and fourth internally for disciplinary, geographical and institutional distribution. NCPTT's recommendations for PITTGrants awards are then reviewed by a National Park Service grants administrator for financial and policy matters.

If sufficient good proposals are received in the Fall Call for Proposals, processing, review and preliminary notification should be completed by May 1, 1998.

If sufficient good proposals are not received in the Fall Call for Proposals, NCPTT may issue a Spring Call for Proposals, and notification of applicants to the Fall Call may be delayed. In the event of a Spring Call, a revised notification schedule will be sent to Fall Call applicants.

*Release of review comments:* Upon request, review comments will be summarized and discussed. Peer reviewers' and peer-experts' identities will be anonymous in summaries and discussions.

*Release of proposal information:* Inquiries about specific proposals will be referred to proposal applicants.

F. PITTGrants awards

Award of PITTGrants is by the Director of the National Park Service.

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.

G. PITTGrants administration

PITTGrants are 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.

Following preparation of the grant agreement by an NPS grant administrator and execution of the grant agreement by NPS and the grantee, financial and related matters will be administered by the NPS grant administrator and technical matters related to the PITTGrants project will be administered by NCPTT staff.
Project Type 1

INFORMATION MANAGEMENT

Guidelines for preparing PITTGrants proposals

Scope: Information management projects shall promote development of, access to, and dissemination of preservation-related computerized data in all preservation and conservation disciplines, including archeology, historic architecture, historic landscapes, objects and materials conservation and interpretation.

The information management category of the 1998 PITTGrants program seeks substantial database development projects. Innovative projects that apply computer technologies to the management and dissemination of information also will be considered. Projects shall have clearly defined goals, objectives and results that increase access to and dissemination of information.

Maximum PITTGrants award per proposal per year: $40,000

Period of support: Not to exceed one year from date of award.

Principal review criteria: Applicants shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project, methodology and results.
2. Project will contribute substantially to the preservation and conservation of cultural resources.
3. Proposal demonstrates a need for the proposed project and an audience for the project results.
4. Proposal demonstrates good understanding of available technology.
5. Project will produce meaningful results within the period of support.
6. Project is cost-effective.

Proposals that will not be considered —
1. Projects whose principal focus is the purchase of computer hardware or software.
2. Proposals exclusively or predominately for undergraduate or graduate internships or fellowships.
3. Support for projects that are completed, underway, or will be underway prior to the PITTGrants award date.

Proposal requirements for Project Type 1

There are no pre-printed application forms for the 1998 PITTGrants program.

Pages shall be 8.5” x 11”; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 1: Information management
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant’s principal project contact
   c. Person authorized to sign grant award agreement
   d. Principal investigator(s) responsible for undertaking the proposed project
4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent to the proposed project. List each team member’s name, title, affiliation and role on the project team.

5. Federal congressional district: Cite district of applicant’s principal place of business by state and number, such as LA-4.

6. Total 1998 ITTGrants funding requested

7. Project abstract (100 words maximum)

8. Signature of person authorized to sign grant agreement, and date of signature.

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

1. Project type 1: Information management

2. Project title

3. Project narrative, including —
   a. Relevant background information
   b. Detailed description of proposed methodology or approach
   c. Statement of the significance of the materials/collections
   d. Discussion of why this project is necessary or important
   e. For database development projects, an outline of the sequence for building an entity-relation diagram and data dictionary

4. Project objectives, associated tasks and schedule in outline form

5. List of project’s tangible products

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 cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant’s staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant’s staff salaries.
   c. Travel: This category includes travel costs for applicant’s staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effective. Distinguish between rental and purchase costs.
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant’s staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.
   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 ITTGrants, neither Federal nor non-Federal funds included 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.

Resume(s): Submit a one-page resume for each principal investigator.
Project Type 2

Training and Education

Guidelines for preparing PTTGrants proposals

Scope: Training and education projects shall promote training and education activities in all areas of historic preservation, including archeology, historic architecture, historic landscapes, materials conservation and interpretation. Emphasis is on innovative projects with clearly defined goals and objectives. Distance learning projects will receive special consideration.

Maximum PTTGrants award per proposal per year: $40,000

Period of support: Proposals for multi-year support will be considered, not to exceed three years total. Well-defined products will be due each year, and funding beyond the first year will depend on the demonstrated progress of work and the availability of funds.

Principal review criteria: Applicants shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project, methodology and results.
2. Project will contribute substantially to the preservation and conservation of cultural resources.
3. Proposal demonstrates a need for the proposed project and an audience for project results.
4. Project will produce meaningful results within the period of support.
5. Project is innovative.
6. Project is cost-effective.

Proposals that will not be considered —
1. Conferences and symposia: See project type 7-Conference support.
2. Proposals from the National Park Service (NPS offices are referred to the Cultural Resource Training Initiative).
3. Projects whose principal focus is the treatment of specific sites, structures, objects or collections.
4. Support for projects that are completed, underway, or will be underway prior to the PTTGrants award date.
5. Proposals exclusively or predominately for undergraduate or graduate internships or fellowships, or scholarships.

Proposal requirements for Project Type 2

There are no pre-printed application forms for the 1998 PTTGrants program.

Pages shall be 8.5" x 11"; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 2: Training and education
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
b. Applicant's principal project contact
c. Person authorized to sign grant award agreement
d. Principal investigator(s) responsible for undertaking the proposed project

4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent to the proposed project. List each team member's name, title, affiliation and role on the project team.

5. Federal congressional district: Cite district of applicant's principal place of business by state and number, such as LA-4.

6. Total 1998 PTTGrants funding requested
7. Project abstract (100 words maximum)
8. Signature of person authorized to sign grant agreement, and date of signature.

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 2: Training and education
2. Project title
3. Project narrative including relevant background information and references
4. Project objectives, associated tasks and schedule in outline form. Where appropriate, attach a one-page draft curriculum.
5. List of project's tangible products (e.g., curriculum or course materials, video, script, etc.)
6. Statement of nationals need(s) addressed by the project and description of intended audience, including estimates of size where applicable

7. Project budget: Use only the budget categories outlined below. For each category, apportion the cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant's staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant's staff salaries.
   c. Travel: This category includes travel costs for applicant's staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effective. Distinguish between rental and purchase costs.
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant's staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.
   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 included 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.

Resume(s): Submit a one-page resume for each principal investigator.
**Project Type 3**

**APPLIED/FUNDAMENTAL RESEARCH**

Guidelines for preparing PTTGrants proposals

*Scope:* Applied/fundamental research projects comprise basic and/or applied research in all areas of preservation and conservation. Emphasis is on small, tightly-focused projects with clearly defined goals and objectives.

*Maximum PTTGrants award per proposal per year:* $40,000

*Period of support:* Proposals for multi-year support will be considered, not to exceed three years total. Well-defined products will be due each year, and funding beyond the first year will depend on the demonstrated progress of work and the availability of funds.

*Principal review criteria:* Applicants shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project, methodology and results.
2. Project will contribute substantially to the preservation and conservation of cultural resources.
3. Proposed research has intrinsic merit (fundamental research).
4. Proposed research has utility or relevance for the preservation and conservation community (applied research).
5. Proposal demonstrates the commitment of principal investigator(s) to ongoing work in preservation or conservation.
6. Research methodology is technically sound.
7. Principal investigator(s) is competent.
8. Project is innovative.
9. Project is cost-effective.

*Proposals that will not be considered* —
1. Projects whose principal focus is the treatment of specific sites, structures, objects or collections.
2. Proposals exclusively or predominately for undergraduate or graduate internships or fellowships.
3. Support for projects that are completed, underway or will be underway prior to the PTTGrants award date.

*Proposal requirements for Project Type 3*

There are no pre-printed application forms for the 1998 PTTGrants program.

Pages shall be 8.5" x 11"; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 3: Applied/fundamental research
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant's principal project contact
   c. Person authorized to sign grant award agreement
4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent to the proposed project. List each team member's name, title, affiliation and role on the project team.
5. Federal congressional district: Cite district of applicant's principal place of business by state and number, such as LA-4.
6. Total 1998 PTTGrants funding requested
7. Project abstract (100 words maximum)
8. Signature of person authorized to sign grant agreement, and date of signature.

Project description: Submit a project description that includes the following information in the order stated. Project description shall not exceed eight pages in length.
1. Project type 3: Applied/fundamental research
2. Project title
3. Project narrative, including —
   a. 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, and potential benefits to the preservation and conservation community
   d. Statement of researcher(s) competence.
4. Project objectives, associated tasks and schedule listed in outline form.
5. List of project’s tangible products. 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 periodicals.
6. Project budget: Use only the budget categories outlined below. For each category, apportion the cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant’s staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant’s staff salaries.
   c. Travel: This category includes travel costs for applicant’s staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effective. Distinguish between rental and purchase costs.
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant’s staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.
   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 included in the project budget may be used to pay salary or expenses to Federal employees for work on the project.
7. Suggested peer reviewers: Include names, address, telephone and facsimile numbers, and e-mail addresses.

Resume(s): Submit a one-page resume for each principal investigator.
Guidelines for preparing PTTGrants proposals

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 for application within the preservation community.

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, a new laboratory for the study of deposition processes on stone and other materials, is located at NCPTT 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 Q-Panel QIV chamber, 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 digital and film photographic capabilities.

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

Period of support: Proposals for multi-year support will be considered, not to exceed three years total. Well-defined products will be due each year, and funding beyond the first year will depend on the demonstrated progress of work and the availability of funds.

Principal review criteria: Applicants shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project, methodology and results.
2. Project will contribute substantially to the preservation and conservation of cultural resources.
3. Proposal demonstrates a need for the proposed project and an audience for project results.
4. Proposal demonstrates the commitment of principal investigator(s) to ongoing work in preservation or conservation.
5. Project will produce meaningful results within the period of support.
6. Project is innovative.
7. Project is cost-effective.

Proposals that will not be considered —
1. Projects whose principal focus is the treatment of specific sites, structures, objects or collections.
2. Proposals exclusively or predominately for undergraduate or graduate internships or fellowships.
3. Support for projects that are completed, underway, or will be underway prior to the PTTGrants award date.

Proposal requirements for Project Type 4

There are no pre-printed application forms for the 1998 PTTGrants program.
Pages shall be 8.5” x 11”; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.
Each project 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 4: Environmental effects
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant’s principal project contact
   c. Person authorized to sign grant award agreement
   d. Principal investigator(s) responsible for undertaking the proposed project
4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent
to the proposed project. List each team member’s name, title, affiliation and role on the project team.
5. Federal congressional district: Cite district of applicant’s principal place of business by state and number,
such as LA-4.
6. Total 1998 PTTGrants funding requested
7. Project abstract (100 words maximum)
8. Signature of person authorized to sign grant agreement, and date of signature.

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 4: Environmental effects
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 in outline form
5. List of project’s tangible products. Proposals shall describe how the principal investigator(s) intends to dis-
seminate 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 periodicals.
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 (cash), and donations other than cash. 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 applicant’s staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant’s staff salaries.
   c. Travel: This category includes travel costs for applicant’s staff. Show number of persons x Federal rate
   per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not
   exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effec-
   tive. Distinguish between rental and purchase costs.
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and
   others who are not on applicant’s staff are considered consultants. For fees, show person x rate x time.
   For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem
   (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact
   NCPTT for Federal rates by location.
   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 included 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.

Resume(s): Submit a one-page resume for each principal investigator.
**Project Type 5**

**TECHNOLOGY TRANSFER**

Guidelines for preparing PTTGrants proposals

*Scope:* Proposals for technology transfer projects will be considered for exploratory or preliminary work 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

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 PTTGrants award per proposal per year:* $15,000

*Period of support:* Not to exceed one year from date of award.

*Principal review criteria:* Applicant shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project, methodology and results.
2. Proposal characterizes the technology's original use and its new application to preservation and conservation.
3. Proposed work has utility or relevance for the preservation and conservation community, and will contribute substantially to the preservation and conservation of cultural resources.
4. Methodology is technically sound.
5. Principal investigator(s) is competent.
6. Project is cost-effective.

*Proposals that will not be considered* —
1. Projects whose principal focus is the treatment of specific sites, structures, objects or collections.
2. Proposals exclusively or predominately for undergraduate or graduate internships or fellowships.
3. Support for projects that are completed, underway, or will be underway prior to the PTTGrants award date.

*Proposal requirements for Project Type 5*

There are no pre-printed application forms for the 1998 PTTGrants program.

Pages shall be 8.5" x 11"; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 5: Technology transfer
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant's principal project contact
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 5: 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 implications of the use and benefits of this technology to the historic preservation community
   d. Statement of principal investigator(s) competence.
4. Project objectives, associated tasks and schedule in outline form
5. List of project's tangible products. Proposals must describe how the principal investigator(s) intends to disseminate the results of their research. Grantees are encouraged to publish the results of their research in a professional newsletter or as a technical note in peer-reviewed periodicals.
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 cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant's staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant's staff salaries.
   c. Travel: This category includes travel costs for applicant's staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effective. Distinguish between rental and purchase costs.
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant's staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.
   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 included 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.

Resume(s): Submit a one-page resume for each principal investigator.
Project Type 6

ANALYTICAL FACILITY SUPPORT

Guidelines for preparing PTTGrants proposals

Scope: Analytical facility support proposals will be considered for the maintenance and/or operation of facilities that are prepared to provide analytical services which are not otherwise commonly available on a regional or national basis to the preservation and conservation community.

Financial assistance may be requested for acquiring new scientific equipment, up-grading existing instrumentation, purchasing essential materials and supplies for operating specific analytical equipment, or employing laboratory technician(s). The facility may charge fees for services provided.

It is contrary to NCPTT's intent for grantees to use PTTGrants-supported facilities to provide services for a fee in direct competition with private companies that provide equivalent services. Equivalent commercial services are considered not available when no commercial firm, or no commercial firm willing to provide the service, possesses the instrumentation, technical expertise, or experience to properly analyze and interpret historic materials. Equivalent commercial services also may be considered not available in the case of fragile or perishable samples where the proximity of analytical instrumentation is paramount.

Maximum PTTGrants award per proposal per year: $50,000

Period of support: Proposals for multi-year support will be considered, not to exceed three years total. Well-defined products will be due each year, and funding beyond the first year will depend on the demonstrated progress of work and the availability of funds.

Principal review criteria: Applicant shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project and results.
2. Proposal describes number and type of individuals or institutions that will substantially benefit from the proposed services.
3. Proposal demonstrates applicant's institutional commitment to providing analytical services to the preservation and conservation community, including history of such services, technical and personnel support, matching funds or non-cash contribution.
4. Proposal demonstrates capability of applicant to provide the types of services proposed.
5. Project is cost-effective.

Proposal requirements for Proposal Type 6

There are no pre-printed application forms for the 1998 PTTGrants program.

Pages shall be 8.5” x 11”; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 6: Analytical facility support
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant’s principal project contact
   c. Person authorized to sign grant award agreement
   d. Principal investigator(s) responsible for undertaking the proposed project
4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent to the proposed project. List each team member's name, title, affiliation and role on the project team.
5. Federal congressional district: Cite district of applicant's principal place of business by state and number, such as LA-4.
6. Total 1998 PTTGrants funding requested
7. Project abstract (100 words maximum)
8. Signature of person authorized to sign grant agreement, and date of signature.

_Project description:_ Submit a project description that includes the following information in the order stated. Project description shall not exceed eight pages in length.
1. Project type 6: Analytical facility support
2. Project title
3. Project narrative, including —
   a. Statement of how the funds will be spent
   b. Description of the technical capabilities of the facility including an inventory of existing analytical equipment and staff positions
   c. Qualifications of the individual immediately in charge of the facility and of all staff involved in operating scientific instrumentation
   d. Description of the principal analytical service to be provided
   e. Statement of need including a description of who will make principle use of this service and how it will benefit the historic preservation community
   f. Management plan outlining how requests for analytical services will be handled and, if user fees are involved, a description of how fees will be assessed including fee structure (e.g., cost per sample, hourly rate) and a comparison with commercial analytical services if available
   g. Estimate of the total number of analyses to be performed during the grant period
   h. Statement of institutional commitment to the project subsequent to the PTTGrants period of support
   i. Statement of why equivalent services are not commercially available.
4. Project objectives, associated tasks and schedule in outline form
5. List of project's tangible products
6. Project budget: Use only the budget categories outlined below. For each category, apportion the cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant's staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant's staff salaries.
   c. Travel: This category includes travel costs for applicant's staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant's staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.
   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 included in the project budget may be used to pay salary or expenses to Federal employees for work on the project.
7. Suggested peer reviewers: Include names, address, telephone and fax numbers, and e-mail addresses.

_Resume(s):_ Submit a one-page resume for each principal investigator.
**Conference Support**

Guidelines for preparing PTTGrants proposals

This project type supports conferences 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. Support 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, and 2) Internet applications for cultural resources management.

In the field of training and education, special consideration will be given to conferences that focus on new educational technologies.

*Maximum PTTGrants award per proposal per year: $10,000*

**Period of support:** Not to exceed one year from date of award.

**Principal review criteria:** Applicant shall provide information that satisfies the following review criteria —

1. Proposals clearly describes project and results.
2. Project will contribute substantially to the preservation and conservation of cultural resources.
3. Proposal demonstrates a need and audience for the proposed project.
4. Proposal demonstrates applicant's capability to undertake conference planning and implementation.
5. Project is cost-effective.

**Proposals that will not be considered** —

1. Workshops: See project type 2-Training and education.
2. Proposals for support of ongoing or regularly scheduled meetings or conferences.
3. Proposals for conferences for which equivalent results could be obtained at regular meetings of professional organizations.
4. Support for conferences that are completed, underway, or will be underway prior to the PTTGrants award date.
5. Proposals for conferences that would take place regardless of PTTGrants support. Applicant shall demonstrate whether PTTGrants support is essential to planning or implementing the proposed conference.
6. Proposals exclusively or predominately for undergraduate or graduate internships or fellowships, or scholarships.

**Proposal requirements for Proposal Type 7**

There are no pre-printed application forms for the 1998 PTTGrants program.

Pages shall be 8.5" x 11"; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 7: Conference support
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant's principal project contact
   c. Person authorized to sign grant award agreement
d. Principal investigator(s) responsible for undertaking the proposed project

4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent to the proposed project. List each team member’s name, title, affiliation and role on the project team.

5. Federal congressional district: Cite district of applicant's principal place of business by state and number, such as LA-4.

6. Total 1998 PTTGrants funding requested

7. Project abstract (100 words maximum)

8. Signature of person authorized to sign grant agreement, and date of signature.

**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 7: 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 historic preservation.

4. Project objectives, associated tasks and schedule in outline form

5. Tentative agenda with location and date of conference, method of announcement or invitation, confirmed speakers, etc.

6. List of project’s tangible products (e.g., proceedings, transcript, video), 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 cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant’s staff salaries. Show person x rate x time.

   b. Fringe benefits: This category includes fringe benefits on applicant’s staff salaries.

   c. Travel: This category includes travel costs for applicant’s staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.

   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effective. Distinguish between rental and purchase costs.

   e. Supplies

   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant’s staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.

   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 included in the project budget may be used to pay salary or expenses to Federal employees for work on the project.

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

**Resume(s):** Submit a one-page resume for each principal investigator.
Project type 8

Publications support

Guidelines for preparing PTTGrants proposals

Scope: Publications support projects shall collate, synthesize, review or interpret existing knowledge in subject areas relevant to historic preservation. Project shall result in a manuscript or manuscripts suitable for publication in peer-reviewed periodicals or as part of a monograph series published by a professional organization.

*Maximum PTTGrants award per proposal per year:* $10,000

Period of support: Not to exceed one year from date of award.

Principal review criteria: Applicant shall provide information that satisfies the following review criteria —
1. Proposal clearly describes project and results.
2. Proposed publication has utility or relevance for the preservation and conservation community, and will contribute substantially to the preservation and conservation of cultural resources.
3. Principal investigator(s) is competent and has appropriate writing skills.
4. Project is cost-effective.

Proposals that will not be considered —
1. Publication of conference proceedings: See project type 7-Conference support.
2. Support for projects that are completed, underway or will be underway prior to the PTTGrants award date.

Proposal requirements for Project Type 8

There are no pre-printed application forms for the 1998 PTTGrants program.

Pages shall be 8.5" x 11"; type shall be 10 point minimum; margins shall be 1-inch minimum.

Multiple organizations may submit a collaborative or joint proposal, but only one person may sign the grant agreement and only one person may serve as principal project contact.

Each project 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 8: Publications support
2. Project title
3. Names, addresses, and telephone and facsimile numbers, and e-mail addresses of —
   a. Applicant
   b. Applicant’s principal project contact
   c. Person authorized to sign grant award agreement
   d. Principal investigator(s) responsible for undertaking the proposed project
4. Project team: Project team members shall be experts in their fields, and their expertise shall be pertinent to the proposed project. List each team member’s name, title, affiliation and role on the project team.
5. Federal congressional district: Cite district of applicant’s principal place of business by state and number, such as LA-4.
6. Total 1998 PTTGrants funding requested
7. Project abstract (100 words maximum)
8. Signature of person authorized to sign grant agreement, and date of signature.
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 8: Publications support
2. Project title
3. Project narrative, including —
   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 in outline form
5. List of project's tangible products. Proposals shall describe where the principal investigator(s) intends to publish project results. The final submission shall be prepared in the correct format for publication in the intended periodical.
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 cost to three sources — NCPTT, matching funds (cash), and donations other than cash. 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 applicant's staff salaries. Show person x rate x time.
   b. Fringe benefits: This category includes fringe benefits on applicant's staff salaries.
   c. Travel: This category includes travel costs for applicant's staff. Show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rates by location. Contact NCPTT for Federal rates by location.
   d. Equipment: Rental is preferred; purchase of equipment will be considered if shown to be cost-effective. Distinguish between rental and purchase costs.
   e. Supplies
   f. Contractual: This category includes fees and travel costs for consultants. Principal investigators and others who are not on applicant's staff are considered consultants. For fees, show person x rate x time. For travel costs, show number of persons x Federal rate per day per location x days. Travel per diem (meals and incidental expenses) and lodging may not exceed Federal rate by location. Contact NCPTT for Federal rates by location.
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Note: On projects supported by PTTGrants, neither Federal nor non-Federal funds included 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.

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

Resume(s): Submit a one-page resume for each principal investigator.
Further questions about NCPTT and the PTTGrants program?

For more information on NCPTT and the PTTGrants program, contact NCPTT staff —

**Project type 1** Information management
- Mary S. Carroll
  - Information Management Coordinator
  - mcarroll@alpha.nsula.edu

**Project type 2** Training and education
- Frances Gale
  - Training Coordinator
  - gale@alpha.nsula.edu

**Project type 3** Applied/fundamental research
- Dr. Mark Gilberg
  - Research Coordinator
  - gilbergm@alpha.nsula.edu

**Project type 4** Environmental effects of outdoor pollutants on cultural resources:
  - Research and treatment development
  - Dr. Mary F. Striegel
  - Materials Research Program Manager
  - striegelm@alpha.nsula.edu

**Project type 5** Technology transfer

**Project type 6** Analytical facility support
- Dr. Mark Gilberg
  - Research Coordinator
  - gilbergm@alpha.nsula.edu

**Project type 7** Conference support

**Project type 8** Publications support
- Mary S. Carroll
  - Information Management Coordinator
  - mcarroll@alpha.nsula.edu

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Our Mission

US DEPARTMENT OF THE INTERIOR

As the nation’s principal conservation agency, the Department of the Interior has responsibility for most of our nationally-owned public lands and natural and cultural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife and biological diversity; preserving the environment and cultural values of our national parks and historic places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen responsibility in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under US Administration.

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.

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.