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COVER SHEET (PAGE 1 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Proposal Title: The Butte Creek Watershed Educational Workshops and Field Tours Series
Applicant Name: Dr. Donald Holtgrieve, Department of Geography and Planning
Mailing Address: CSU, Chico, Chico, CA 95929-0425
Telephone: 530-898-5780
Fax: 530-898-6781

Amount of funding requested: \$36,480 for 1.5 years

Indicate the topic for which you are applying (check only one box). Note that this is an important decision: see page ____ of the Proposal Solicitation Package for more information.

Fish Passage Assessment	Fish Passage Improvements
Floodplain and Habitat Restoration	Gravel Restoration
Fish Harvest	Species Life Studies
Watershed Planning/Implementation	<input checked="" type="checkbox"/> Education
Fish Screen Evaluations – Alternatives and Biological Priorities	

Indicate the geographic area of your proposal (check only one box):

Sacramento River Mainstream	<input checked="" type="checkbox"/> Sacramento Tributary: Butte Creek
Delta	East Side Delta Tributary: _____
Suisun Marsh and Bay	San Joaquin Tributary: _____
San Joaquin River Mainstream	Other: _____
Landscape (entire Bay-Delta watershed)	North Bay: _____

Indicate the primary species which the proposal address (check no more than two boxes):

San Joaquin and East Side Delta tributaries fall-run chinook salmon	
Winter-run chinook salmon	<input checked="" type="checkbox"/> Spring-run Chinook salmon
Late-fall run chinook salmon	Fall-run chinook salmon
Delta smelt	Longfin smelt
Splittail	<input checked="" type="checkbox"/> Steelhead trout
Green Sturgeon	Striped bass
Migratory birds	

COVER SHEET (PAGE 2 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Indicate the type of applicant (check only one box):

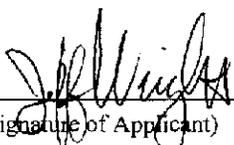
- | | |
|--|--|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public/Non-profit joint venture | <input checked="" type="checkbox"/> Non-profit |
| <input type="checkbox"/> Local government/district | <input type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |

Indicate the type of project (check only one box):

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Planning | <input type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input checked="" type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- (1) the truthfulness of all representations in their proposal;
- (2) the individual signing the form is entitled to submit the application on behalf of the applicant (if applicant is an entity or organization); and
- (3) the person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section II.K) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.



(Signature of Applicant)

Project Title and Applicant Name

The Butte Creek Watershed Educational Workshop and Field Tour Series
The California State University, Chico Research Foundation

Project Description and Primary Biological/Ecological Objectives

The staff of the Butte Creek Watershed Project (BCWP), after two years of experience working with the Watershed Advisory Committee (WAC), members of the Butte Creek Watershed Conservancy (BCWC), and general stakeholders in this complex and controversial watershed, have identified the need for educational workshops focused on watershed issues. In response to this need and direct requests from members of the entities listed above, we are proposing a series of thirteen workshops/field tours to be held over the course of eighteen months. This series is designed to educate the public on a variety of watershed issues, open a new venue for dialogue regarding the future of the watershed, and ultimately reduce the conflict and contention that results from misunderstanding and a lack of a coordinated vision for the future of this watershed.

The workshop and field tours series begins with an overview of the diverse nature of the watershed, its physical terrain, habitat, and land use practices. Subsequent workshops are focused on issues and concerns that have arisen through the BCWP/WAC process. Each workshop/field tour builds from information and knowledge gained in previous presentations. The workshop topics listed in this proposal are flexible and open to revision based on the responses gathered from and needs identified by the participants.

The biological and ecological objectives that can be reached through this educational process are plentiful. In particular, the pending State and Federal listing of Spring- and Fall-Run Chinook Salmon, and the Steelhead Trout has induced a state of panic and frustration on the part of certain landowners and interested parties. In order for the public to understand and support CALFED's objectives on improving and increasing aquatic and terrestrial habitat, they must be comfortable with the restoration efforts as well as comprehend them. An enhanced understanding of the issues surrounding a properly functioning ecosystem will educate participants, and at the same time reduce anxiety by allowing them to become comfortable with restoration efforts.

Approach/Tasks/Schedule

We propose to bring together a group of local and regional technical experts to address various topics related to watershed health. Each workshop will include one to three presentations on various watershed issues. Many of the workshops will be accompanied by field tours led by the specialists to give first hand viewing of representative sites within the watershed. A comprehensive newsletter will be utilized to inform interested parties of the workshop schedule and brief descriptions of the presentations and field tours. Other tasks include securing appropriate meeting locations for workshops and obtaining access to certain field tour sites.

Justification for Project and Funding by CALFED

Each and every vision and/or objective identified by the agencies comprising CALFED relies on local cooperation and public support for implementation measures to be successful. Underlying this assumption is the critical need for public education in the areas of water quality and quantity, floodplain management and habitat restoration, sediment management, fluvial geomorphology, timber harvest, rangeland management, hydroelectric power generation, water rights issues, fire hazards, and fisheries issues.

The Butte Creek drainage is among the last few Sacramento River tributaries that still provides good quality habitat for the production of wild spring-run Chinook Salmon. Many property rights advocates who live along Butte Creek believe that with the listing of the Chinook Salmon and Steelhead Trout as Endangered Species they will lose physical land, property rights, and water rights. This project will provide education to all stakeholders so that they have a better understanding of the actions that will be required to ensure the protection of these species. In addition, the workshops will introduce watershed stewardship practices that can be utilized by residents of the watershed to improve the health of the entire system. Through this Series, stakeholders will gain a clear understanding of the physical and biological processes that occur in the watershed. Local cooperation and public support have been identified by CALFED as integral for implementation measures to be successful.

Budget Costs and Third Party Impacts

The average cost per workshop will be \$2268. There are no foreseeable negative third party impacts.

Applicant Qualifications

The protection and enhancement of local creeks and watersheds by local community groups is a high priority at California State University, Chico. Toward this end, faculty and resources, conservation groups, public agencies, and others as needed are utilized. As part of its community service mission, it is the policy of the CSUC Research Foundation to organize teams for special projects and to provide the kinds of services required for this project. Please refer to CSU, Chico Watershed Capabilities for qualifications for specific personnel.

Monitoring and Data Evaluation (non-biological and ecological)

The monitoring and evaluation of the project will be done by the BCWP staff with input from workshop presenters. After each workshop participants will complete an exit survey which will be evaluated by staff members and the presenters for that specific workshop. The results will be tabulated and used to prepare the following workshops and field tours to better accommodate the participant's desires and CALFED objectives.

Local Support/Coordination with other Programs/Compatibility with CALFED Objectives

NRCS, USFS, Lassen National Forest, Sierra Pacific Industries, Meadowbrook Conservation Associates, PG&E, CDF&G, U.S. Army Corps of Engineers, State Water Resources Control Board (SWRCB), and Department of Water Resources (DWR) have recognized the value and compatibility of this project with CALFED. All involved agencies and specialists have agreed to contribute to and support the project. The Executive Committee of the Butte Creek Watershed Conservancy Board of Directors has approved this proposal in concept.

Title of Project

The Butte Creek Watershed Educational Workshop and Field Tour Series

Name of Applicant/principle investigator(s); address; phone/fax/E-mail; organizational, institutional, or corporate affiliations of applicant/principle investigator(s)

California State University, Chico Research Foundation

Project Director: Dr. Donald Holtgrieve, Department of Geography and Planning

California State University, Chico

Chico, CA 95929-0425

530-898-5780 (FAX) 530-898-6781

dholtgrieve@falutypo.csuchico.edu

Type of Organization and Tax Status

Auxiliary organization of CSU, Chico as provided for in California Education Code, Title 5. Tax Status: Non-profit educational corporation 501(c)3

Tax Identification Number and/or Contractor license, as applicable

63-0386518

Participants/Collaborators in Implementation

NRCS, USFS, Lassen National Forest, Sierra Pacific Industries, Meadowbrook Conservation Associates, PG&E, CDF&G, U.S. Army Corps of Engineers, SWRCB, and DWR have recognized the value and compatibility of this project with CALFED. All involved agencies and specialists have agreed to contribute to and support the project.

Donald Holtgrieve (see above)

The Butte Creek Watershed Conservancy

Brendan Vjeg, Watershed Coordinator

PO Box 1611

Chico, CA 95927-1611

530-898-5399

The Butte Creek Watershed Advisory Committee

Jeff Wright, Director, The Office of Sponsored Programs,

CSU, Chico Research Foundation

Chico, CA 95929-0870

530-898-5700 (FAX) 530-898-6804 jwright@oavax.csuchico.edu

Project Description and Approach

The Butte Creek Watershed Project (BCWP) through the Department of Geography and Planning at California State University, Chico (CSUC), in coordination with the Butte Creek Watershed Conservancy (BCWC), is proposing a series of educational workshops and field tours to enable the stakeholders in the watershed, the members of the BCWC, and the general public to better understand the diversity of issues influencing the overall health of the watershed. A series of thirteen workshops, presented by BCWP staff, CSUC faculty, and local and regional experts will explore issues and concerns in the areas of water quality and quantity, floodplain management and habitat restoration, sediment management, fluvial geomorphology, timber harvest, fire and fuels, rangeland management, hydroelectric power generation, water rights issues, and fisheries issues. Where applicable, a field tour will follow the workshop to allow viewing and analysis of watershed sites which correspond with the workshop topic.

At the conclusion of each workshop, participants and presenters will complete an exit survey (see attachment A) evaluating the effectiveness and value of the workshop. The compiled surveys will be analyzed by project staff and presenters to measure the success of information presented and ideas taken away from each workshop. The results will also be utilized to structure future workshops. Finally, a compilation of all workshop exit surveys will be used as a tool to monitor the effectiveness of this series, and will serve as a final programmatic report to the funding agency.

The BCWP has received funding from the USFWS, NFWF, and CALFED to initiate a scoping process, resulting in an Existing Conditions Report (ECR) and a Watershed Management Strategy (pending). Landowners in the Butte Creek Watershed have been active participants in this planning process through the BCWC and the WAC. Participants who are educated and informed about watershed issues provide valuable input to and support of the planning process and subsequent implementation of in-stream and on-the-ground restoration projects. We believe that a series of educational workshops/field tours will provide an excellent venue for the formation of a positive relationship between the BCWC Board of Directors, BCWC members, stakeholders and the goals and objectives of the BCWP. It is essential that all involved stakeholders have a clear understanding of the goals and objectives of the BCWP and CALFED visions.

The selection of workshop topics is in direct response to requests from members of the BCWC and the Butte Creek Watershed Advisory Committee (WAC). Workshop topic selection is also based upon BCWP staff's experience with the most immediate and overreaching issues and concerns identified by the WAC.

A newsletter will be drafted and finalized that outlines the workshop/field tours series, and the purposes and goals of this series. This newsletter will be distributed to BCWC Board of Directors, BCWC stakeholders, WAC, and the general public through a saturation mailing. Subsequent newsletters will be mailed to the same audience after each workshop/field tour, gauging the success of the workshop (based on exit surveys) and announcing future workshops, with expert presenters' qualifications included.

It is anticipated that this series of workshops/field tours will serve as a model and regular forum for watershed education and stakeholder collaboration.

Proposed Scope of Work

Task I: Initial logistical preparation: secure appropriate meeting places for workshops; initiate a dialogue with private landowners and agency representatives for field tour site access. Form advisory committee comprised of BCWP staff, CSUC faculty, and local and regional experts to brainstorm workshop/field tour curriculum.

Deliverable: List including workshop/field tour meeting places/sites and dates, and Advisory Committee members.

Task II: Staff will draft and finalize an initial newsletter for distribution to target participants through a saturation mailing. This initial newsletter will outline a tentative schedule, goals and objectives for the Educational Workshop and Field Tour Series, and list the project staff and their qualifications. An ongoing task throughout the series will be the preparation of a newsletter outlining the next workshop/field tour, the presenters' qualifications along with preparing and analyzing exit surveys for each workshop/field tour.

Deliverable: Newsletter.

Task III: Introductory "Welcome to the Watershed" Workshop and Reception

This presentation/slide show will demonstrate the diverse nature of the Butte Creek watershed's physical terrain, habitat, and land use practices. The goal of this workshop is to increase the participants' geographic knowledge of the watershed, this being the basis for future workshops and field tours. The reception will provide a casual setting for participants to view and examine existing maps and data compiled and collected by BCWP, BCWC, and resource agencies. This will provide participants the opportunity to interact with one another and set the tone for future gatherings.

Presented by project staff.

Deliverables: Compiled exit survey and follow-up newsletter.

Task IV: Butte Creek History Presentation

This first workshop brings two of the most knowledgeable local historians to the Historic Centerville School to address the history of Native Americans, early European settlement, logging, mining, agriculture, communities, and hydroelectricity. There will also be a tour of the Coleman Museum, located adjacent to the Centerville School, providing an opportunity to view historic artifacts from the Butte Creek Canyon area.

Desired speakers: John Nopel and John Westlund, local historians.

Deliverables: Compiled exit survey and follow-up newsletter.

Task V: Creek Zones and Morphology Field Tour

The goal of this watershed field tour will be to increase the participants' appreciation of the diverse nature of the watershed's climate, geology, soils, vegetation, stream morphology, aquatic habitat, and riparian areas. The tour will cover representative sites for the entire watershed. Stops will include presentations by speakers and will allow for hands-on site investigations by the participants.

Desired speakers: Andrew Conlin, NRCS Chico Soils Survey Office and Paul Maslin, Professor of Biology, CSU, Chico.

Deliverables: Compiled exit survey and follow-up newsletter.

Task VI: Timber Harvest and Upper Watershed Grazing Field Tour

This two day field tour will include a night of camping in the upper watershed. The first day of the field tour will investigate the timber harvest, fire and fuels issues, and management practices of the U.S. Forest Service (USFS) on their Lassen National Forest (LNF) lands, with the second dedicated to Sierra Pacific Industries (SPI) lands. Grazing issues will be addressed as they are encountered on the tour.

Desired speakers: Henricus Jansen, Professor of Agriculture, CSU, Chico; Jack Bean, SPI; Ken Roby, USFS, LNF, and other USFS and SPI Foresters.

Deliverables: Compiled exit survey and follow-up newsletter.

Task VII: Wildland Road Networks Workshop and Field Tour

This workshop will address proper and improper road building techniques, their effects on hillslope hydrology, erosion, and sediment transport, and will be followed by a field tour visiting various road networks within the Butte Creek watershed. The goal of this workshop/tour is to provide a better understanding of the potential impact roads may have on a watershed, and to allow the participants to view roads within the watershed.

Desired speakers: Kenneth Cawley, Meadowbrook Conservation Associates.

Deliverables: Compiled exit survey and follow-up newsletter.

Task VIII: Riparian Habitat and Fluvial Geomorphology Workshop/Field tour

This workshop/field tour will examine the role riparian vegetation and fluvial processes play in the creek's riparian ecosystem. The workshop will be followed by a field tour to sites with intact and disturbed riparian areas, and areas with active fluvial processes.

Desired speakers: Karen Gaffney, Circuit Rider Productions and Matt Kondolf, Professor of Environmental Design, UC Berkeley.

Deliverables: Compiled exit survey and follow-up newsletter.

Task IX: Float Trip

This guided raft trip will provide the participants an opportunity to view hydrology in action, critical physical processes tied to flowing water, and types of habitat that are only accessible by floating the creek.

Desired speakers and staff: Same as Task VIII and CSU, Chico Adventure Outings

Deliverables: Compiled exit survey and follow-up newsletter.

Task X: Hydroelectric Generation Plants, Flumes & Infrastructure Field Tour

This field tour will visit the three powerhouses within the watershed, their flumes, canals, reservoirs, and diversion dams. Discussion will include the role of deregulation of the California power industry, and how it would apply to Butte Creek.

Desired speakers: representatives from PG&E, and Energy Growth Group II.

Deliverables: Compiled exit survey and follow-up newsletter.

Task XI: Fisheries Workshop

This workshop will introduce participants to the Butte Creek fishery, emphasizing anadromous salmonids, and include as many live examples of these species as possible. A trip to the Parrott-Phelan Fish Ladder and Screens will provide a look at fish trapping and tagging techniques used by the California Department of Fish and Game (CDFG).

Desired speakers: Paul Ward and Kathy Hill, CDFG; Paul Maslin, Professor of Biology, CSU, Chico.

Deliverables: Compiled exit survey and follow-up newsletter.

Task XII: Levees and Altered Floodplain Hydrology Workshop/Field Tour

The construction of levee systems altered many natural physical processes. The workshop will address these processes along with the topic of levee set-backs. The field tour will allow participants to examine levee structures and issues along Butte Creek.

Desired Speakers: Craig Gaines, United States Army Corps of Engineers; Jeff Mount, Professor of Geology, UC Davis.

Deliverables: Compiled exit survey and follow-up newsletter.

Task XIII: Cumulative Effects Workshop

Cumulative effects are any environmental changes influenced by a combination of land use activities. In a physically complex watershed such as Butte Creek, with extensive and diverse land use, cumulative effects may be the most important consideration of all impacts. The goal of this workshop is to increase participant awareness of the impact that cumulative effects may be having on the watershed.

Desired speaker: Leslie Reid, Research Geomorphologist, Pacific Southwest Research Station, Redwood Sciences Laboratory, United States Forest Service.

Deliverables: Compiled exit survey and follow-up newsletter.

Task XIV: Current Restoration Projects Field Tour

This tour will provide the opportunity for participants to visit completed and on-going restoration sites. Information will be available on best management practices to be used during restoration.

Desired speakers: Representatives from local restoration projects.

Deliverables: Compiled exit survey and follow-up newsletter.

Task XV: Water Rights Issues Workshop

This workshop will bring representatives from the SWRCB and DWR to discuss current and historic water rights issues for Butte Creek, future changes in water rights, and the issues of instream flow for ecological purposes.

Desired speakers: Jerry Johns, SWRCB; Jim Langley, Butte Creek Watermaster, DWR.

Deliverables: Compiled exit survey and follow-up newsletter.

Task XVI: Compile Exit Surveys and Final Report for Funding Agency

Project staff, in conjunction with the Advisory Committee will compile and evaluate all exit surveys and prepare a final report for the funding agency.

If faced with limited funds from CALFED the project would continue as outlined. Since all of the workshop topics are major priorities for building a strong educational background, the funds

made available would be utilized to start the series. Since there is an ongoing search for other funding sources, the available CALFED funding would be used to conduct as many workshops as possible and funding from other sources would be used to finish the series.

Location and/or Geographic Boundaries of the Project

The project is located in Butte County, California within the confines of the Butte Creek Watershed boundary lines. See Map in Attachment B.

Expected Benefit(s)

The biological, social, and economic benefits of this project are both short- and long-term. The immediate primary benefit of this project is an educated public that will be able to make informed decisions critical to the success of our collective vision for a healthy watershed, balancing the needs of humans, wildlife, and particularly the aquatic organisms that inhabit it. This will prove to be a long-term social benefit as well, as the project is designed to decrease the misunderstanding and conflicts that arise when a group of diverse interests work together to reach consensus on best management practices for the creek and its fishery. The eventual outcome of this increase in understanding will be economically efficient and expeditious creek restoration efforts.

CALFED's Solution Principal's look to "...reduce major conflicts among beneficial uses of water", and "...have broad public acceptance." This series is designed to reduce conflicts and establish a positive open dialogue between stakeholders, the BCWC, the BCWP, resource agency representatives, and local and regional experts, following both of these solution principals. Also, CALFED's Program Goals and Objectives (Ecosystem Quality Objective [page 4, section 2] and the Water Quality Objective [page 7, section 2]) will both be enabled by this project as it provides the public the necessary foundation of knowledge that is essential for educated decisions to be made and endorsed.

The primary benefit for species and habitats of concern is the increased knowledge of participating parties about water quality and habitat for Spring and Fall-Run Chinook Salmon and Steelhead Trout. Since these fish are candidate species for State and Federal Endangered Species status, it is essential that stakeholders and landowners receive additional education on the life patterns and habitat needs of these species. The project will provide this critical information to all participants and will outline areas of Butte Creek that are currently used by salmon, as well as ideas and proposals for improving habitat in the creek. A secondary benefit from this project will be its use as a model for other watershed groups for watershed education and stakeholder collaboration.

Background and Ecological/Biological/Technical Justification

The influences of human beings on the watershed over the last 150 years have adversely affected the overall health of the watershed, and consequently the health and viability of salmonid and other aquatic species which inhabit it. BCWP Staff have been examining these influences through the process of creating an Existing Conditions Report (ECR). Our vision for this Educational Series was born from our experiences with the production of the ECR, which quickly became the focus of an amazing amount of hostility, controversy, and conflict on the part of in particular, the BCWC Board of Directors and in general, the stakeholders. It is our

experience, our belief, and our sincere hope that the series of educational workshops and field tours proposed here will serve to bring together the diverse interests in the watershed to reach an increased understanding of and ability to make the best decisions as a group regarding the problems that face our watershed.

Many of the implementation objectives and programmatic actions endorsed by CALFED can be achieved through the educational goals of this project. Specific ERPP (Vol. II, Butte Basin Ecological Zone Vision) objectives and programmatic actions addressed by this proposal are as follows: **Page 237-8:** the Central Valley Streamflow Objective and Programmatic Action 5A; **Page 238-9:** the Natural Sediment Supply Objective and Programmatic Action 3A; the Stream Meander Objective and Target 1; the Upper Watershed Process Objective and Programmatic Action 1A, 1B, and 1C; **Page 240-1:** the Riparian and Riverine Aquatic Habitats Objective; **Page 241:** the Agricultural Lands Objective; **Page 243-4:** the Land Use Objective; the Dams, Reservoirs, Weirs, and Other Structures Objective, Target 4, and Programmatic Action 4A; **Page 245:** the Chinook Salmon Objective, Fall-run Chinook Salmon Programmatic Action 1A; **Page 246:** Spring-run Chinook Salmon Programmatic Action 1A; **Page 247:** the Steelhead Objective and Programmatic Action 1A.

The following tools in the CVPLA are actions that can be achieved through the through the education our participants will receive through this Educational Series: 3406(b)(3); 3406(b)(13); 3406(b)(16); 3406(b)(21); 3406(e)(1); 3406(e)(3). This project also addresses the objective outlined in the AFRP Action 21, page 65.

Monitoring and Data Evaluation

Exit surveys, completed by workshop/field tour participants and presenters, and analyzed by the Advisory Committee and Project Staff, will monitor the success of this project. At the completion of the Series, all surveys will be compiled, analyzed, and utilized as a component of the Project's final report to the funding agency.

A less obvious, yet extremely important, measure of the success of this project's goals will be an increased facilitation of the planning and decision making process, thus expediting the implementation of protection, restoration, and enhancement efforts on the creek.

Implementability

This is a ready to go project. Speakers and presenters will be contacted and scheduled before the funding is received from CALFED. This proposal has received the approval in concept from the Executive Committee of the BCWC Board of Directors, as well as the approval in concept from other local watershed coordinators who are interested in both attending this Series, and offering a Series such as this to their own stakeholders. The public outreach efforts on the part of this Series are discussed above.

Costs and Schedule to Implement Proposed Project

Budget Costs

Table 1 – Example Cost Breakdown Table

Project Phase and Task	Direct Labor Hours	Direct Salary and Benefits	Overhead Labor (General Admin. And fee)	Service Contracts	Material and Acquisition Contracts	Misc. and Other Direct Costs	Total Cost
Task I	65	974.57	349.45			375	1699.02
Task II	65	974.57	349.45			375	1699.02
Task III	84.5	1266.94	454.29	192		487.5	2400.73
Task IV	84.5	1266.94	454.29	192		487.5	2400.73
Task V	84.5	1266.94	454.29	192		487.5	2400.73
Task VI	84.5	1266.94	454.29	192		487.5	2400.73
Task VII	84.5	1266.94	454.29	192		487.5	2400.73
Task VIII	84.5	1266.94	454.29	192		487.5	2400.73
Task IX	84.5	1266.94	454.29	192		487.5	2400.73
Task X	84.5	1266.94	454.29	192		487.5	2400.73
Task XI	84.5	1266.94	454.29	192		487.5	2400.73
Task XII	84.5	1266.94	454.29	192		487.5	2400.73
Task XIII	84.5	1266.94	454.29	192		487.5	2400.73
Task XIV	84.5	1266.94	454.29	192		487.5	2400.73
Task XV	84.5	1266.94	454.29	196		487.5	2404.73
Task XVI	71.5	1075	384.40			412.5	1871.90

Scheduled Milestones

Assuming funding is received on January 1, 1999, the schedule of milestones is as follows:

- Tasks I and II which include logistical preparation, confirming presenters, formation of an advisory committee, initiation of dialoguc with private landowners and agency representatives, and drafting and finalizing the initial newsletter will be completed by March 1, 1999.

- Tasks III through XV which include the thirteen workshops/field tours will begin following the completion of Tasks I and II, and will continue with one every six to eight weeks. No workshops will take place during the winter holiday season, from mid- November through the first of January. The proposed series will be completed by the summer of 2000.

Third Party Impacts

There are no expected negative third party impacts.

CALIFORNIA STATE UNIVERSITY, CHICO
Statement of Capabilities for Watershed Research and Planning

The protection and enhancement of local creeks and watersheds by local community groups is a high priority at California State University, Chico. Toward this end, faculty and resources, conservation groups, public agencies, and private consultants as needed are utilized. As a part of its community service mission, it is the policy of the University Research Foundation to organize teams for special projects and to provide the kinds of services described below.

Project Administration: The Research Foundation, as part of its regular operation, searches for government and foundation funding opportunities, makes contact with those organizations and provides assistance in grant proposal writing. Foundation personnel then administer the grant funds, provide auditing, and bookkeeping functions, and insure compliance with all government regulations and procedures.

Faculty: The primary mission of our faculty is teaching our own students. However, with funds generated from grants and contracts, our faculty often undertake research, planning, and other community based projects. Faculty who have particular expertise in watershed research and planning are listed on attached pages. Faculty can also be of service by supervising interns and conducting class projects that relate to the mission of the watershed protection groups (see below). Environmental education faculty are also available to assist local school teachers in creating and teaching curricula about our region's diverse natural environments.

Department, Institutes, Centers and Laboratories: Special units of the university are often organized and called upon to address specific community and regional needs. Those related to watershed protection are listed on the attached pages. In addition to the more obvious administrative units, such as the Department of Geography and Planning, there are others that could be called on to fill specific needs, such as the Department of Communication Design and Journalism, which can produce informational material such as newsletters, videos, and press releases. The Geographic Information Center (GIC) has the capability of collecting and compiling public domain maps through the internet as well as producing GIS maps on request.

Internships and Class Projects: Other possible resources are community based internships supervised by several of the departments and faculty listed on the attachments. In the past, interns have gained personal knowledge and skills while providing community service in environmental monitoring, report writing, field mapping, GIS mapping, interviewing informants, documentary research, classroom teaching assistance, plan design, and questionnaire design and administration. Such win-win arrangements can also be established for small groups of students, and sometimes an entire class may be organized around a particular issue or need, e.g., Geography 224 Planning Studio.

Project Personnel:

Director: **Dr. Donald Holtgrieve**, Professor of Geography and Planning, CSUC. He teaches courses in water resources and environmental planning. Dr. Holtgrieve has been the recipient of many grants and awards, with a

particular focus on the environment, specifically water quality and watershed management. He has extensive experience in directing grants awarded by both State and Federal Agencies, as well as official certification in Land Use, Transportation, and Wetlands Planning. Dr. Holtgrieve has supervised over 200 projects over the last 25 years. As Project Director, Dr. Holtgrieve will provide assurance that adequate resources are provided to the project, and will be the first line of communication between CAL FED Category III and CSU Chico.

Manager:

Laura Lukes has managed project offices for the Research Foundation since April of 1994. She has excellent organizational, managerial, and fiscal accounting skills, as well as knowledge of and experience with fiscal regulations for state and federal grant accounting. She has worked with the BCWP for 2.5 years, and her duties have included meeting facilitation, project-public liaison, and compilation and editing of the ECR.

Eric Ginney a resident of Helltown, CA in Butte Creek Canyon, graduated from CSU, Chico with a B.S. in Physical Science, emphasizing Environmental Science and Hydrology, and a B.A. in Geography, emphasizing Physical Geography. He researched and wrote the hydrology, geology, and fluvial geomorphology sections of the BCWP ECR. In addition to working for the USFWS doing snorkel surveys, he has experience leading outdoor adventure and education trips for CSU, Chico Adventure Outings.

Kent Lundberg is a project planner for Northern California Planning & Research and a Research Associate for the Butte Creek Watershed Project. Lundberg has been working on the land use portions of the *Existing Conditions Report* and *Management Strategy* for the Butte Creek Watershed Project. He presently manages numerous land use and environmental planning projects through the North Valley, including a wetlands mitigation plan for the City of Red Bluff and a *Bikeways Plan* for the County of Tehama. Lundberg has extensive experience coordinating workshops and developing community participation tools.

Matt Quinn graduated from CSU, Chico with a B.A. in Geography, emphasizing Physical Geography. He has worked for the Butte Creek Watershed Project for the past year and a half. He researched and wrote the Historical Land Uses/Cultural Resources and Water Supply chapters of the Existing Conditions Report. He has gained valuable experience as a volunteer nature tour guide in various State Parks in Santa Cruz County. A Centerville, CA resident of Butte Creek Canyon, he has additional knowledge of the processes and dynamics of the watershed gained by numerous hikes and mountain bike rides throughout the watershed.

Appendix A
Butte Creek Watershed Educational Workshops
and Field Tour Series

EXIT SURVEY

**Butte Creek Watershed Educational Workshops and Field Tours Series
Evaluation Form**

We hope that this workshop/field tour has provided you with ideas, examples and tools to better understand watershed issues and dynamics. To help us improve upcoming workshops please answer the following questions.

1. Please rate the overall quality of the workshop:

Excellent	Very Good	Good	Fair	Poor
1	2	3	4	5

2. Did the workshop meet your expectations? Why or why not? Please provide specific examples.
3. How did the workshop contribute to a change in your knowledge about Butte Creek Watershed issues? Please provide specific examples.
4. Was the workshop content clear and focused?
5. How effective was the presenter in communicating the information? Please provide specific examples.
6. Were your questions answered satisfactorily? If no, explain.
7. Were the presenters' credentials specific/adequate to the material presented?

8. Were there any topics not on the workshop agenda that you would like to see addressed? If yes, what were they?

9. Was the meeting place a proper environment for the workshop?

10. Did project staff sufficiently meet the participant's needs?

11. Was the field tour set up in a way that complemented the workshop? Why or why not? Please provide specific examples.

12. How much more knowledge was gained by going out in the field following the workshop?

13. Did the field tour presentations adequately describe the processes/dynamics of what was being viewed?

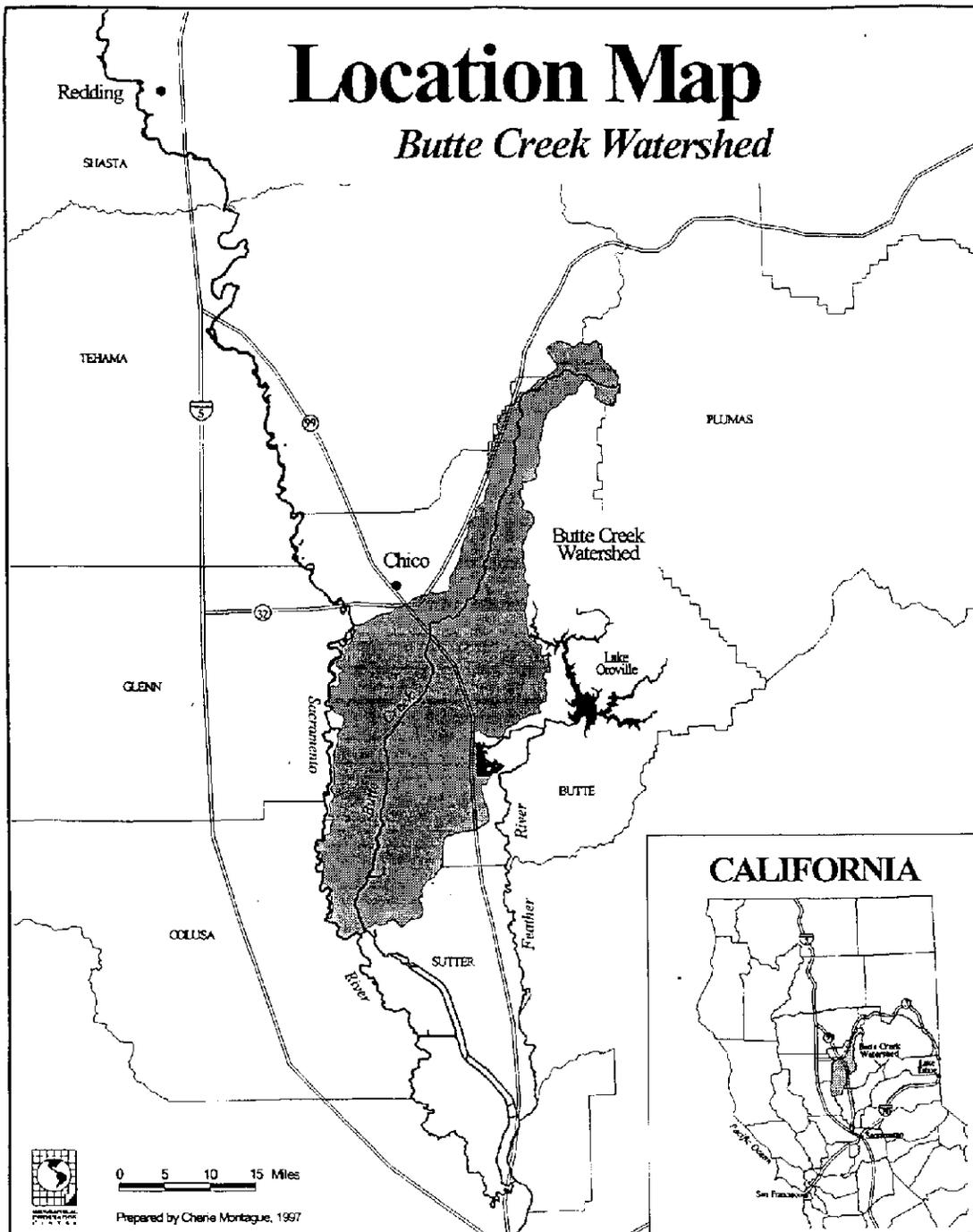
14. What was the most significant idea that you learned from the workshop?

Appendix B
Butte Creek Watershed Educational Workshops
and Field Tour Series

LOCATION MAP

Location Map

Butte Creek Watershed



0 5 10 15 Miles

Prepared by Cherie Montague, 1997

**APPLICATION FOR
FEDERAL ASSISTANCE**

1. TYPE OF SUBMISSION <i>Application</i> <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		2. DATE SUBMITTED July 2, 1998		Applicant Identifier	
3. DATE RECEIVED BY STATE		State Applicant Identifier			
4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier			
5. APPLICANT INFORMATION					
Legal Name: The CSU, Chico Research Foundation			Organizational Unit:		
Address (give city, county, state, and zip code): Kendall Hall, Room 111 CSU, Chico Chico, CA 95929-0870			Name and telephone number of person to be contacted on matters involving this application (give area code) Technical: Kristin Cooper Carter (530) 898-5026 Budgetary: Jeff Wright (530) 898-5700 Contractual: Virginia Sturr (530) 898-4044		
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 6 8 - 0 3 8 6 5 1 8			7. TYPE OF APPLICANT: (enter appropriate letter in box) <input type="checkbox"/> I		
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es): <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify):			A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) _____		
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE: <input type="text"/> * <input type="text"/>			9. NAME OF FEDERAL AGENCY: CALFED Bay-Delta Programs		
12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.): The Butte Creek Watershed/Butte County			11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: The Butte Creek Watershed Educational Workshops and Field Tour Series		
13. PROPOSED PROJECT:		14. CONGRESSIONAL DISTRICTS OF:			
Start Date	Ending Date	a. Applicant	b. Project		
1/1/99	6/30/2000	2nd	2nd		
15. ESTIMATED FUNDING:			18. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?		
a. Federal	\$	36,497.98	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____		
b. Applicant	\$.00	b. NO. <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW		
c. State	\$.00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," attach an explanation.		
d. Local	\$.00			
e. Other	\$.00			
f. Program Income	\$.00			
g. TOTAL	\$	36,497.98			
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.					
a. Typed Name of Authorized Representative Jeff Wright		b. Title Director, Office of Sponsored Programs		c. Telephone number 916-898-5700	
d. Signature of Authorized Representative <i>Robert J. ... for Jeff Wright</i>				e. Date Signed 7/2/98	

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Standard Form 424 (REV. 4-92)
Prescribed by OMB Circular A-102

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. CALFED Category III		\$	\$	\$ 36,480		\$36,480
2.	N/A					\$ 0
3.						\$ 0
4.						\$ 0
5. TOTALS		\$ 0	\$ 0	\$36,480	\$ 0	\$36,480
SECTION B - BUDGET CATEGORIES						
6. OBJECT CLASS CATEGORIES		GRANT PROGRAM FUNCTION OR ACTIVITY				Total (5)
		(1) CALFED Category III	(2)	(3)	(4)	
a. Personnel		\$ 16,640		\$		\$16,640
b. Fringe Benefits		2,852				\$2,852
c. Travel		3,100				\$3,100
d. Equipment	Computer, Printer, Software					\$ 0
e. Supplies		4,400				\$4,400
f. Contractual	GIS Mapping - Consultants	2,500				\$2,500
g. Construction						\$ 0
h. Other						\$ 0
i. Total Direct Charges (sum of 6a-6h)		\$29,491				\$29,491
j. Indirect Charges		6,989				\$6,989
k. TOTALS (sum of 6i and 6j)		\$36,480				\$36,480
7. PROGRAM INCOME		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

1-012547

SECTION C - NON FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other sources	(e) TOTALS	
8. CAI FED Category III	\$0	\$0	\$0	\$0	
9.				\$0	
10.				\$0	
11.				\$0	
12. TOTALS (sum of lines 8 and 11)	\$0	\$0	\$0	\$0	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$36,480	\$9,120	\$9,120	\$9,120	\$9,120
14. NonFederal	\$0	\$0	\$0	\$0	\$0
15. TOTAL (sum of lines 13 and 14)	\$36,480	\$9,120	\$9,120	\$9,120	\$9,120
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. EEGP Phase II - Year 1	\$36,480				
17. EEGP Phase II - Year 2		\$35,000			
18. EEGP Phase II - Year 3			\$35,000		
19. EEGP Phase II - Year 4				\$35,000	
20. TOTALS (sum of lines 16 - 19)	\$36,480	\$35,000	\$35,000	\$35,000	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:	\$29,491	22. Indirect Charges	\$6,989	(42% S&W)	
23. Remarks					

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Standard Form 424A (Rev. 4-92) Page 3

1-012547

STATE OF CALIFORNIA
 NONDISCRIMINATION COMPLIANCE STATEMENT

REV. 10/93 (S&S) (S&S)

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-1) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, religion, ancestry, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

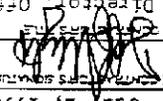
CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

PROXY'S NAME
 Jeff Wright

HE SIGNED
 July 2, 1998

EXECUTED IN THE COUNTY OF
 Butte

PROSPECTIVE CONTRACTOR'S SIGNATURE


DIRECTOR, OFFICE OF SPONSORED PROGRAMS

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME
 CSU, Chico Research Foundation

ASSURANCES—NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET, SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

Note: Certain of these assurances may not be applicable to your project or program. If you have questions please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 304 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply with the provisions of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a to 276a7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. §§ 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-33.3), regarding labor standards for federally assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984 or OMB Circular No. A-133, Audits of Institutions of Higher Learning and other Non-profit Institutions.
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Director, Office of Sponsored Programs
APPLICANT ORGANIZATION The CSU, Chico Research Foundation California State University, Chico	DATE SUBMITTED 7-2-98

Standard Form 424B (Rev. 4/92) back

U.S. Department of the Interior

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used or use this form for certification and sign. (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

CHECK ___ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions

CHECK ___ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

DI-2010
 June 1986
 (This form replaces DI-1963, DI-1964,
 DI-1965, DI-1966 and DI-1967)

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

- A. The grantee certifies that it will or continue to provide a drug-free workplace by:
- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
 - (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
 - (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
 - (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification numbers(s) of each affected grant;
 - (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
 - (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the sites for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

Butte County
CSII, Chico Research Foundation, Kendall Hall Room 114
Chico, California 95929-0870

Check if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

DI-2510
June 1985
(This form replaces DI-1063, DI-1064,
DI-1065, DI-1066 and DI-1067)

**PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements**

*CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND
THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT;
SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.*

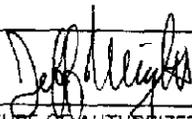
*CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL
LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR
SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.*

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.



SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Jeff Wright Director, Office of Sponsored Programs

TYPED NAME AND TITLE

DATE July 2, 1998

DI-2010
June 1998
(This form replaces DI-1963, DI-1964,
DI-1965, DI-1966 and DI-1963)