

CALIFORNIA POLYTECHNIC STATE UNIVERSITY
 San Luis Obispo, California 93407
ACADEMIC SENATE

Executive Committee
Academic Senate Agenda
Tuesday, July 12, 1988
UU220 3:00-5:00 p.m.

<u>Member:</u>	<u>Dept:</u>	<u>Member:</u>	<u>Dept:</u>
Andrews, Charles	Acctg	Murphy, James	IndTech
Borland, James	ConstMgt	Peck, Roxy	Stat
Burgunder, Lee	BusAdm	Terry, Raymond	Math
Crabb, A. Charles (CH)	CropSci	Weatherby, Joseph	PoliSci
Dobb, Linda	Library	Wheeler, Robert	AnSci/Ind
Gooden, Reg	PoliSci	Wilson, Malcolm	VPAA
Kersten, Timothy	Econ	Zeuschner, Raymond	SpCom
Moustafa, Safwat	MechEngr	Copies: Warren J. Baker	
		Glenn Irvin	
		Howard West	

Introduction:

Dr. Hazel Scott, new Dean of Student Affairs, will be introduced to the Executive Committee.

I. Minutes:

Approval of the May 24, 1988 Academic Senate Minutes (pp. 3-7).

II. Communications:

- A. Materials Available for Reading (p. 8).
- B. Memo from West to Baker/Crabb re Election of Board Directors and Officers (p. 9).
- C. Memo from Baker to Wilson re Academic Senate Resolution on Cheating and Plagiarism, AS-246-87 (p. 10).
- D. Memo from Baker to Crabb re Resolution on Academic Promotions, AS-274-88 (p. 11).
- E. Memo from Baker to Crabb re Academic Senate Resolution on Report on Faculty Position Control, AS-280-88 (p. 12).
- F. Resolutions approved/supported by President Baker:

AS-282-88/IC	Resolution on Course Information/Syllabi
AS-283-88/IC	Resolution on Student Performance Evaluations
AS-285-88/Gooden	Resolution on Support of Proposition 71
AS-287-88/GE&B	Resolution on GE&B Transfer Curriculum
AS-288-88/GE&B	Resolution on GE&B Requirements: ARCH 316X
AS-289-88/SWC	Resolution on Sexual Harassment Policy
AS-296-88/LC	Resolution on Library Acquisition Funds

III. Reports:

- A. President
- B. Academic Affairs Office
- C. Statewide Senators

IV. Consent Agenda:

Continued on Page Two ---->

- V. Business Items:
 - A. Proposal to Establish The Irrigation Training and Research Center-Crabb, Academic Senate Chair, First Reading (pp. 13-31).
 - B. Resolution on Guidelines for State Faculty Support Grants-Jamieson, Chair of the Research Committee, First Reading (pp. 32-39).
- VI. Discussion Item:
National Merit Scholar Finalists - Should finalists for this award be given automatic admission to Cal Poly? (p. 40).
- VII. Adjournment:

**Materials Available for Reading in the Academic Senate Office (FOB 25H)
1988-1989**

(New reading materials highlighted in bold)

6/6/88	Revised Trustee Policy on Student Health Services (CSU)
6/13/88	Materials on Student Suicide (CSU)
6/14/88	Guidelines for Allocation of Funds Received Through the Program Change Proposal on Research, Scholarship, and Creative Activity (CSU)
6/27/88	Draft of Joint Committee Report on the Master Plan (California Legislature)

RECEIVED

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MAY 27 1988

CALIFORNIA POLYTECHNIC
STATE UNIVERSITY
FOUNDATION
San Luis Obispo, CA 93407

To : Dr. Warren J. Baker Academic Senate President Date : May 24, 1988

A. Charles Crabb, Chair
Academic Senate

File : 300

From : Howard West, Chair Foundation Board of Directors

Copies: Amaral

Subject: ELECTION OF BOARD DIRECTORS AND OFFICERS

At its meeting of May 20, 1988, the Foundation Board of Directors elected:

- Hazel Scott for a three-year director term commencing upon the date of University employment and ending May, 1991; and
- Leon Maksoudian for a three-year director term ending May, 1991. Professor Maksoudian was one of two faculty proposed to the Board Nomination Committee by the Academic Senate in accordance with the established principles and processes adopted by Board Resolution #88-05.

The Board also elected its officers for one-year terms ending May, 1989:

- Howard West, Chair
- Lark Carter, Vice Chair
- Lezlie Labhard, Secretary-Treasurer

Memorandum

C 62888

CAL POLY
SAN LUIS OBISPO
CA 93407

To : Malcolm Wilson
Vice President for Academic Affairs

RECEIVED


JUN 28 1988

Date : June 9, 1988

File No.:

Copies : C. Crabb

Academic Senate

From : 
Warren J. Baker
President

Subject: ACADEMIC SENATE RESOLUTION ON CHEATING
AND PLAGIARISM (AS-246-87/SA&FBC)

You are shown as receiving a copy of the June 3 memo from Charles Crabb transmitting the subject resolution as adopted by the Academic Senate. I would appreciate your review and recommended response on this revised resolution. I would also appreciate your advice on whether this revised proposal should be sent to the ASI for comment.

Memorandum

-11-
RECEIVED

MAY 26 1988

CAL POLY
SAN LUIS OBISPO
CA 93407

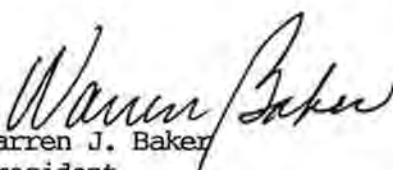
To : A. Charles Crabb, Chair
Academic Senate

Academic Senate

Date : May 24, 1988

File No.:

Copies : M. Wilson
J. Pieper

From : 
Warren J. Baker
President

Subject: RESOLUTION ON ACADEMIC PROMOTIONS (AS-274-88/PPC)

This will confirm our telephone conversation of May 23, in which we agreed on a modification in the wording of the proposed changes to Section 342.2A as referenced in my memo of April 26. We agreed that the wording of the last sentence of 342.2A will be as follows:

In addition, persons (other than department heads/chairs) whose primary duties are administrative shall not normally be advanced in academic rank without the concurrence of the tenured faculty of higher rank from the appropriate department.

RECEIVED

CAL POLY
SAN LUIS OBISPO
CA 93407

Memorandum

MAY 25 1988

To : A. Charles Crabb, Chair
Academic Senate

Academic Senate

Date : May 23, 1988

File No.:

Copies : M. Wilson (w/o att)
J. Landreth (w/att)

From : Warren J. Baker
President

Subject: ACADEMIC SENATE RESOLUTION ON REPORT
ON FACULTY POSITION CONTROL (AS-280-88/BC)

This will acknowledge receipt of your May 2 memo with which you transmitted the Report on Faculty Position Control developed by the Budget Committee and adopted by the Academic Senate. We appreciate the time and effort which the Academic Senate has given to this matter. As recognized in the report, there are a number of factors involved in creating the instructional salary deficit, several of which appear to be unique to Cal Poly.

Some steps have been taken by the Vice President for Academic Affairs with regard to the up-coming Summer Quarter. In addition, we are in the process of developing information and a plan to pursue a budget increase to recognize the unique problems we face in this area. As we pursue this issue, we will continue to work closely with the Academic Senate Budget Committee and the Senate's representatives on the Instructional Programs Resource Allocation Committee and the President's Advisory Committee on Budgets and Resource Allocations.

DRAFT

Proposal to Establish

The
Irrigation Training and Research Center

Submitted by
Agricultural Engineering Department
California Polytechnic State University
San Luis Obispo, California 93407

July 12, 1988

Memorandum

To : Lark Carter, Dean
School of Agriculture

Date : June 17, 1988

File No.

Copies :

From : Glenn L. Dobbs, Interim Director
Irrigation Training and Research Center

Subject : Concept Paper for the Irrigation Training and Research Center

Attached, please find a copy of the proposed concept paper for preliminary review on the Interim Irrigation Training and Research Center. If you could review, and make any additional comments or suggestions it would be appreciated. Dr. Crabb, Chair of the Academic Senate has likewise been given a copy. It is anticipated that this proposed concept can be presented at the July 12 Academic Senate's Executive Council Meeting. The first Dean's Council Meeting is scheduled for the first Monday in September.

I realize that the presentation of this Center is being handled somewhat out of sequence, according to CAM AB-87-3, but President Baker has already given approval of \$30,000 towards the Center. However, in order to meet the criteria as set forth in the campus administrative manual we would like very much to start the approval process via you for the Dean's Council. Hopefully, through you and your support, the matters can be expedited in a timely matter.

Should you have any questions, or wish to meet with me for further details, please feel free to contact me (2434). Thank you.

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Irrigation Training and Research Center's Concept Paper

The Irrigation Training and Research Center Department of Agricultural Engineering California Polytechnic State University San Luis Obispo

The Need

Water and energy are limited resources with increasing demands being placed on them from all sectors of our growing society. As a result, the ability to expand irrigated food production systems is limited but necessary. And water and energy prices are soaring, detrimentally affecting the profitability of food production. Economic and efficient water usage contributes to water savings, energy savings, and decreased production costs which directly affects profitability and competitiveness of the agricultural sector.

Approximately 86% of the water resources in the continental U.S. is pumped from groundwater aquifers. Groundwater provides the drinking water for over half the total U.S. population and for 95% of the rural population. Nationally, agriculture utilizes 68% of all groundwater withdrawn, and in California, agriculture utilizes approximately 85% of the State's diminishing water resources.

The Joint Council on Food and Agricultural Sciences issued a report dated June 1987, and titled Fiscal Year 1989 Priorities for Research, Extension and Higher Education, A Report to the Secretary of Agriculture. The report lists the annual national priorities on research, extension, and higher education to be emphasized as national budgets are developed for the fiscal year 1989. In recognition of the water problems facing our society, the number one priority is specified to "Maintain and Preserve Water Quality" taking precedence to biotechnology. Specific issues listed in this report to be addressed are included in the Appendix along with a brief discussion of how Cal Poly projects, facilities and capabilities are and could be used to address these specific topics.

The Department of Agricultural Engineering at Cal Poly, San Luis Obispo, has made significant contributions while responding to industry demands for research, development and training of water and energy related issues. The Department is unique in terms of its size, facilities and "hands-on" educational philosophy. It has acquired an enviable reputation, especially in irrigation for its undergraduates' performance in industry and continuing education, and its faculty's performance in meeting the needs of past contracts. With this uniqueness and reputation, the Department of Agricultural Engineering has recently become a major focal point for providing the increasing needs in research, development and training related to water conservation and irrigation.

On May 3, 1988, President Warren J. Baker made available \$30,000 to be used to establish a center at Cal Poly to continue and expand our training and research activities in water conservation and irrigation. The seed funds were provided in recognition of the substantial growth of grants in this area in recent years and the interest on the part of the Office of Water Conservation to support a more comprehensive infrastructure at Cal Poly to respond to the needs of the State in research and training related to water conservation and irrigation. The State's willingness to provide additional support is a result of past commendable performances of Cal Poly faculty and students meeting the State's needs. Cal Poly has a demonstrated track record, a partial of which (1986-1988) is summarized in the Appendix.

The Purpose

The Department of Agricultural Engineering faculty's commendable ability to meet these increasing needs has reached its limit. It is conceived that the proposed Center will serve as an organizational vehicle to continue to promote and facilitate industry's rapidly increasing demands for research, development and training at Cal Poly in irrigation.

The Benefits

Benefits to Cal Poly

The proposed Center would provide opportunity to

- strengthen existing efforts to attract academically talented students into the water conservation and irrigation curriculum.
- upgrade the quality of faculty, curriculum and support services in our educational program
- expand the experiential and experimental learning environment that already exists
- develop and promote innovative and cooperative instructional programs using new technologies
- stimulate and implement research, development and training in water conservation and irrigation related topics
- more fully engage the use of facilities and capabilities at Cal Poly and in the Department of Agricultural Engineering

Benefits to Industry

The proposed Center would provide opportunity to

- respond readily to the rapidly changing and increasing technological needs of industry
- bring industry closer to the practical use of existing state-of-the-art technologies
- utilize the unique facilities at Cal Poly and in the Department of Agricultural Engineering
- utilize a broader pool of capabilities to address complex, interdisciplinary water conservation and irrigation related issues

The Function

The proposed Center will be responsible for obtaining funds and providing direction for research, development and training for water conservation and irrigation related issues.

- provide research, development and training programs utilizing state-of-the-art technologies in irrigation related areas
- provide short courses, conferences and workshops to practicing professionals, as well as other interested entities
- develop an active field service program to strengthen the "hands-on" approach to transfer technology from theory to practice
- stimulate and promote collaborative relationships with other universities by seeking opportunities to utilize compatible university resources
- make modern equipment and state-of-the-art technologies available to Cal Poly students

Center Activities

Current Activities

	Annual Funding	Status
Canal Automation	\$ 75,000	2 courses funded
Irrigation Evaluation	\$ 15,000	2 courses/yr funded
Mobile Lab Quality Control	\$ 10,000	funded
Drainage Reduction Data Analysis	\$ 15,000	funded
Turf Water Management	\$100,000	funded
Highway Landscape Irrigation Scheduling	\$ 75,000	tentative
Fall Mobile Lab Irrigation Schedule Training	\$150,000	tentative
Irrigation Scheduling Expert System Upgrade	\$ 80,000	tentative
	<u>\$520,000/year</u>	

The following is a list of some of the major research, development, training and testing activities that could be conducted by the proposed Center. The proposed Center's capabilities result from the expertise and unique facilities currently available at Cal Poly. And the opportunity for expansion of expertise and facilities is improved as state-of-the-art technologies are developed and utilized at the proposed Center.

Research, development and testing

- client profile
 - private institutions (manufacturers, equipment dealers, technical services, utilities, irrigation districts, farmers, etc.)
- industry needs and Cal Poly capabilities
 - energy related research
 - improving related technologies to take maximum advantage of Time-of-use rates
 - delivery canal control research and testing
 - electro-mechanical controls
 - canal control software and modeling
 - hydraulic modeling
 - pump optimization and configuration research and testing
 - valve and control research and testing
 - improved irrigation system design and management strategies
 - technical training and materials development

Agricultural water management strategy development and training (delivery and on-farm)

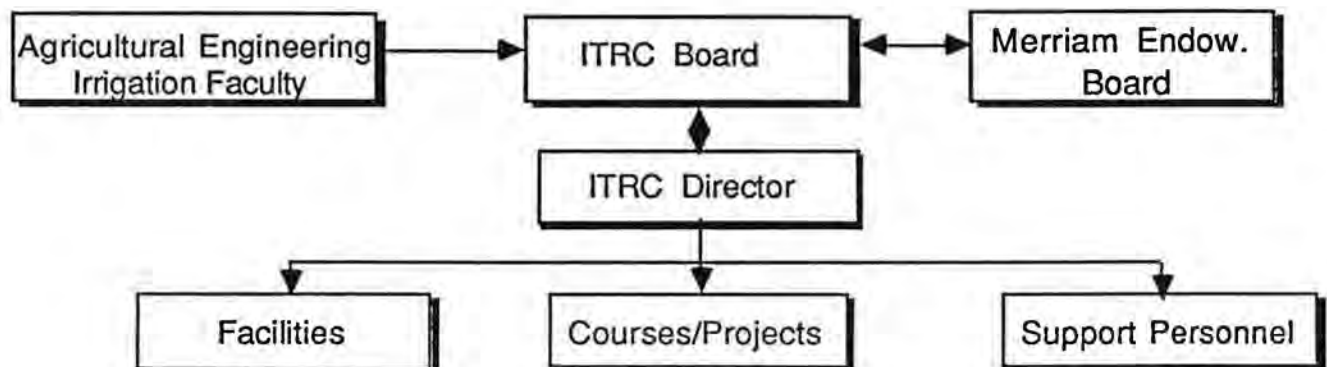
- **client profile**
 - end users (farmers, irrigation managers, irrigation districts, municipalities, and other individual irrigation water users)
state institutions (DWR/OWC, Cal Trans, WRCB, Food and Agriculture, CEC)
 - national institutions (Soil Conservation Service, USDA-ARS, USBR, USGS)
 - international institutions (USAID, World Bank, Asian Development Bank, Inter-American Development Bank)
- **industry needs and Cal Poly capabilities**
 - urban and agricultural irrigation and water management methodology development
 - improved irrigation system design and management strategies
develop interdisciplinary design techniques and performance evaluations
 - risk assessment techniques of new technologies
 - energy related research
 - improve related technologies to take maximum advantage of "Time-of-use" rates
 - pumping plant optimization
 - delivery canal control research, development and testing
 - improve delivery flexibility techniques
 - improve electro-mechanical controls
 - develop control software and modeling
 - develop models to test complex delivery hydraulics
 - research performance evaluation methodology
 - software development for analysis, education and management
 - develop integrated delivery and on-farm system performance evaluation techniques
 - expert systems for hands-on training and management
 - technical training and materials development.

Organization

The organizational chart as proposed for the Irrigation Training and Research Center is presented below.

Irrigation Training and Research Center

Organizational Chart



Budget

The proposed Center's budget is as outlined below. Please note this includes the first year showing both current and anticipated activities.

<u>Account</u>	<u>Month</u>	<u>Year</u>
Director (including benefits)	\$ 6,667	\$ 80,000
Adm. Assistant	2,667	32,000
Office Supplies	450	5,400
Phone Bid	300	3,600
Miscellaneous Expenses	500	6,000
Office & Center Equipment/maint.	1,250	15,000
Film, mailings, etc.	<u>1,000</u>	<u>12,000</u>
	\$12,834	\$154,000
Contingencies (15%)	1,925	23,000
Overhead (20%)	<u>2,952</u>	<u>35,400</u>
<u>TOTAL:</u>	\$16,684	\$212,400
	per month	per year

Facilities

The proposed Irrigation Training and Research Center will be located in Shop #6 of the Agricultural Engineering Department. Construction and remodeling will need to occur in order to meet the needs of the proposed facility. Plans for the changes to be made in shop #6 for the proposed facility are presented in the Appendix.

BYLAWS OF THE CAL POLY IRRIGATION TRAINING AND RESEARCH CENTER

California Polytechnic State University, San Luis Obispo

These bylaws are applicable within the authorization established by the Board of Trustees of the California State University and the California Polytechnic State University, San Luis Obispo.

ARTICLE I - NAME

The name of this organization shall be Irrigation Training and Research Center (ITRC), referred to in these bylaws as the Center.

ARTICLE II - PURPOSE AND POLICIES

Section 1 - Purpose

The primary purpose of the Center will be to support the multidisciplinary needs for supporting research and training as related to water conservation and irrigation through education and applied research. The Center will foster interaction between the University and industry, consistent with the overall goals of Cal Poly.

Center members are faculty and students who have a declared interest in irrigation technology, training and research programs as related to activities at Cal Poly.

The Center will serve as a vehicle for securing industrial sponsorship and support to sustain irrigation training research oriented projects at Cal Poly.

The Center will be financed primarily by grants.

Section 2 - Policies

The policies of the Center shall be in harmony with the policies of The California State University, the California Polytechnic State University, San Luis Obispo, and the California Polytechnic State University Foundation.

Section 3 - Dissolution

In the event the Center is dissolved, its assets remaining after payment of or provision of, all debts and liabilities shall be distributed to the California Polytechnic State University Foundation in trust for Cal Poly.

(Bylaws- continued)

ARTICLE III- MEMBERSHIP

Section 1 - Class of Membership

Only faculty, staff, and students of the California Polytechnic State University, San Luis Obispo, and faculty-selected consultants shall be members of the Center. The membership is defined as follows:

a. - Faculty

Faculty members are those persons appointed by the University to faculty rank.

b. - Staff

Staff members are those persons serving the University or the Foundation in either an instructional or non-instructional capacity. Staff members have University or Foundation affiliation.

c. - Student

Student members are those persons engaged in study at the University on either a full-time or part-time basis.

d. - Consultant

Consultant members are those persons serving the University on a temporary basis. Consultant members do not have University affiliation.

e. - Research Associates

Research associates are those individuals on research projects with expertise pertinent to the particular needs of the Center and are granted time dependent status with the Center and its activities.

f. - Center Board Members

Center Board members are those persons selected by the Department of Agricultural Engineering Faculty, and the Board of Directors from the Merriam Endowment Fund Board. These selected Center Board Members are to serve in an advisory capacity to the Center.

Section 2 - Admission to Membership

a. - Eligibility

Is contingent upon the approval of the Center's Board of Directors.

(Bylaws-continued)

b. - Proposal of Members

Any faculty member engaged in a Center program may propose candidates for membership for some duration of service in one or more programs.

c. - Acknowledgement of Membership

The Director of the Center shall acknowledge members.

Section 3 - Terms

Terms of members shall be determined by the Director.

Section 4 - Fees and Dues

There shall be no fees or dues paid by members.

Section 5 - Role of Members

Members are encouraged to participate in the activities of the Center. They may propose programs to be implemented by the Center. If approved, these programs will receive Center support as necessary and possible. The membership will have priority consideration in Center activities and interaction with industry.

Members are expected to provide support to the programs of the Center and assist the Director in program development.

ARTICLE IV - ADMINISTRATION

Section 1 - Director

The Center will be administered by a Director, appointed by the Center's Board of Directors and with the approval of the Vice President for Academic Affairs.

The Director will serve on a full time basis, duration depending on available funding obtained. The Director will report to and be a member of the Center's Board of Directors.

The Director will submit an annual report to the Vice President for Academic Affairs, the Dean of the School of Agriculture, the Associate Vice President for Graduate Studies, Research, and Faculty Development, and members of the Center's Board of Directors. The report will include a summary of:

- (a) what was done
- (b) who did it
- (c) how it was financed
- (d) future plans

(Bylaws continued)

ARTICLE V - BOARD OF DIRECTORS

Board of Director members are those persons selected by the Department of Agricultural Engineering Faculty, and the Board of Directors from the Merriam Endowment Board, and are to serve in an advisory capacity to the Center.

The Board of Directors will include irrigation faculty members from the Agricultural Engineering Department, at least one member from outside the University, and the Center's designated Director. The Chairman of the Board of Directors shall be the Director of the Irrigation Training and Research Center. Initial appointments for Directors will be from one to three years in order to stagger committee membership, but nominal terms of office will be for three years. In addition, the department head from the Agricultural Engineering Department will serve as an ex-officio member of the committee.

Section 2 - Powers and Duties

The Board of Directors shall provide advice and comment on Center programs, shall engage in public relations and fund raising for Center programs, and shall provide overall guidance and direction to the Center.

Section 3 - Meetings

The Board of Directors will meet at least once a year to review Center programs and to provide general direction to the Center. The Board of Directors may elect to meet for special purposes at any other times upon agreement of a majority of Board members.

Section 4 - Number Constituting a Quorum

A majority of members shall constitute a quorum.

ARTICLE VI - FISCAL POLICIES

Section 1 - Fiscal Year

The fiscal year shall correspond to that of the Cal Poly Foundation.

Section 2 - Accounts and Audit

The books and accounts of the Center shall be kept by the Cal Poly Foundation in accordance with sound accounting practices, and shall be audited annually in accordance with Foundation policies.

Section 3 - Funding

Funding for the Center shall come from private solicited sources, gifts, and fees

from Center generated short courses, conferences and Center-generated publications.

(Bylaws continued)

ARTICLE VII - AMENDMENTS

The bylaws may be amended by a two thirds vote of the Board of Directors voting at any meeting of the Center, provided that each member had received an advance notification of the proposed amendment. They may also be amended on recommendations of the Director and approved by the Board of Directors.

Appendix

Joint Council on Food and Agricultural Sciences

The Joint Council on Food and Agricultural Sciences issued a report dated June 1987, and titled Fiscal Year 1989 Priorities for Research, Extension and Higher Education, A Report to the Secretary of Agriculture. The report lists the annual national priorities on research, extension, and higher education to be emphasized as national budgets are developed for the fiscal year 1989. The number one priority is specified to "Maintain and Preserve Water Quality" taking precedence to biotechnology. Issues specifically listed to be directly addressed include:

- develop techniques for increasing water yield and availability
- develop irrigation design and water management techniques that maximize water availability while minimizing water losses and quality degradation
 - the Automated Pumping Plant and Water Delivery Facility
- improve understanding of and develop management guidelines for sediment and chemical transport in surface and subsurface flows
- develop educational programs that inform water users about the importance and methods of conserving and protecting the quality and quantity of water resources
 - develop innovative programs to transfer improved technologies to various water user groups
 - Cal Trans/OWC highway scheduling
 - OWC CIMIS develop and implement technology transfer
- develop risk assessment models to evaluate sociological, economic, legal and political consequences of water quality and management problems
- develop methods for economically solving soil and water contamination problems
 - assess effects of various pollutants on production
 - improve methods to assess the environmental fate of chemicals in the soil-water continuum
 - develop agricultural systems that minimize pollution of surface and groundwater resources

Cal Poly's Demonstrated Track Record, 1986 to 1988

Approximately \$1,026,000 has been received within the Department of Agricultural Engineering from a variety of sources. They include the following:

• Pacific Gas and Electric Company	\$ 157,000 (received)
• Supplemental Funding from Pacific Gas and Electric Company	\$ 160,000 (tentatively funded)
• Southern California Edison	60,000
• Merriam Endowment Fund	6,000
• Boswell Grant	3,000
• USGS	120,000
• Southern California Gas	20,000
• California DWR	350,000 (Charles M. Burt)
	150,000 (Robert E. Walker)

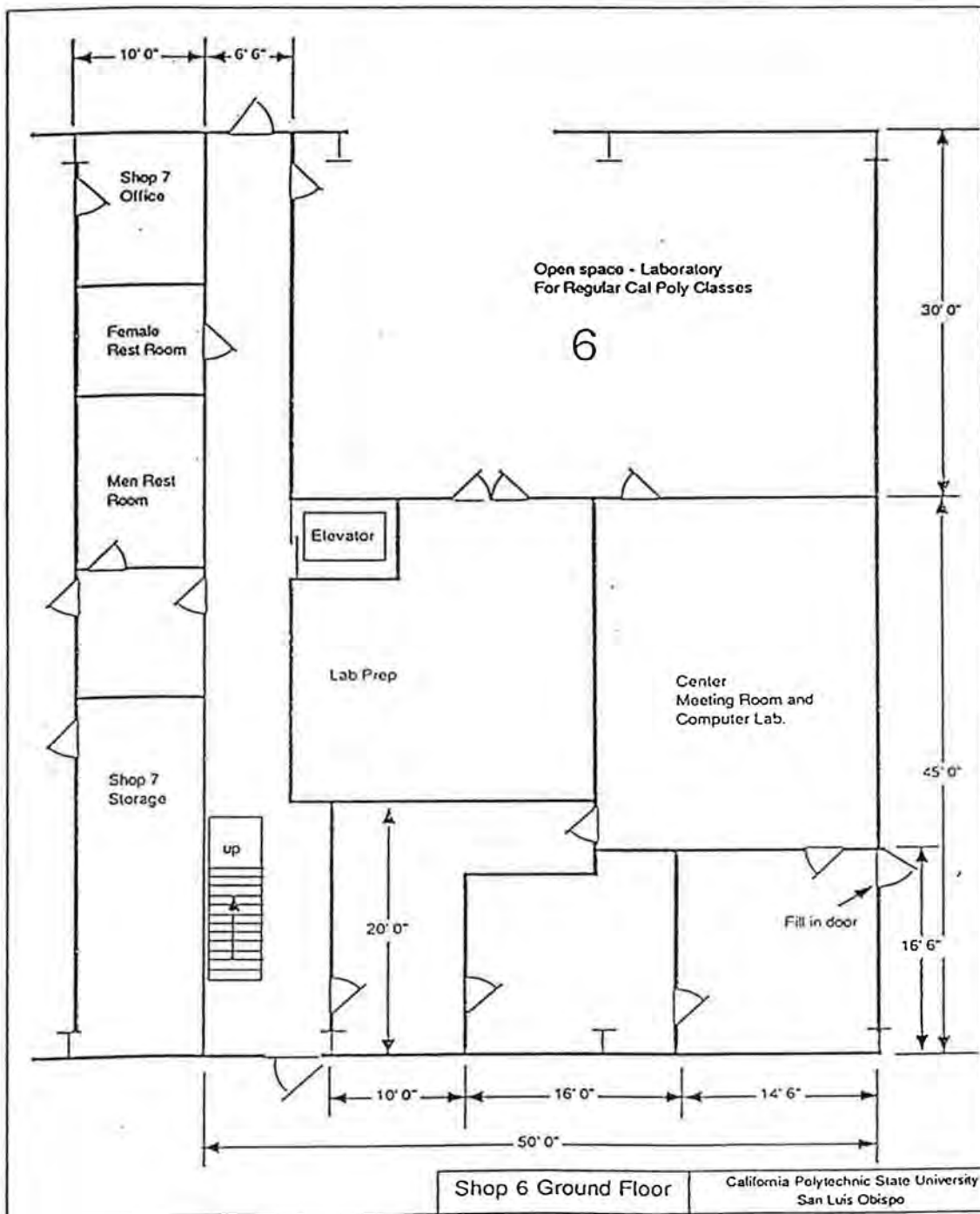
Major equipment donations received are as follows:

DONOR:

Peabody Floway Pumps
Cascade Pumps
Cornell Pump
Waterman Industries
Fresno Valves
Rain for Rent
Superior Farming Co.
McCrometer
Texaco
Unocal
US Electrical Motors
MG Piping Products Couplings
Lake Co.
Waukesha Engine
Medallion Electric Supply
Layne Western
Amarillo Gear Co.
Trusco Tank, Inc.
Water Specialities Corp.
ASC Pacific Inc.
Murphy Controls

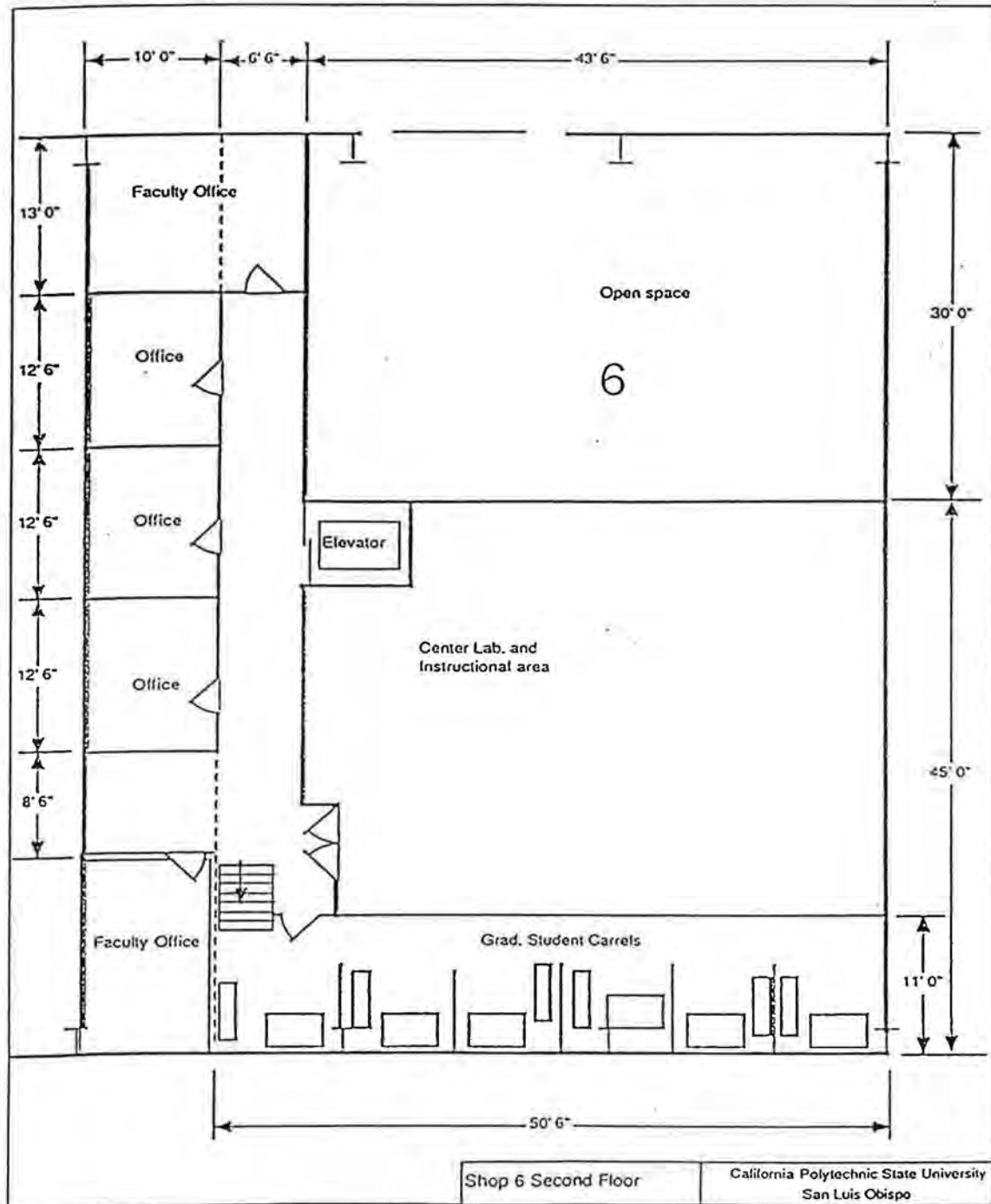
ITEM:

6 pumps (not yet delivered)
1 pump
1 pump and 60 HP motor
Butterfly and check valves, air vents
Line Gates
Fittings, valves
Fittings, valves
Flow meters
Steel pipe
Steel pipe
Electrical motors
Flexible couplings
Fittings
Natural gas engine (not delivered)
Electrical panels
Electrical panel
Gear Head
Steel
Flow Meter
Galvanized Steel Decking
Engine Controller



Proposed Facilities of the Irrigation Training and Research Center

-31-
Irrigation Training and Research Center's Concept Paper



Proposed Facilities of the Irrigation Training and Research Center

State of California

Academic Senate Office
California Polytechnic State University
San Luis Obispo, California 93407
805/756-1258

MEMORANDUM

To: Charlie Crabb, Chair
Academic Senate

Date: June 22, 1988

From: Lynn Jamieson, Chair
Academic Senate Research Committee

Copies:

Subject: Guidelines for State Faculty Support Grants

The Academic Senate Research Committee reviewed and made suggestions for internal competitions as it relates to the new State Faculty Support Grant process on campus. In their final meeting, May 31, 1988, they approved the following guidelines for review (Attachment A) and application (Attachment B).

I am requesting that the Executive Committee consider and approve the recommendations of the Academic Senate Research Committee regarding internal competitions.

Approving the guidelines this summer is of extreme importance as we only have fall quarter to consider research grants for faculty. This policy should be in place by the time school starts. I am hoping that the Executive Committee this summer will review them and give approval for the year.

Attachments

Adopted: _____

ACADEMIC SENATE
OF
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, California

AS-____-88/____

RESOLUTION ON
GUIDELINES FOR STATE FACULTY SUPPORT GRANTS

- WHEREAS, The State proposes \$2.5 million for a Program Change Proposal to support research, scholarship, and creative activity; and
- WHEREAS, The guidelines call for a competitive grant process; and
- WHEREAS, The Chancellor's Office requires that grants be awarded by a university-wide body with strong faculty representation; therefore, be it
- RESOLVED: That the attached guidelines developed by the Academic Senate Research Committee be adopted by the Academic Senate and recommended to the President for approval.

Proposed By:
Research Committee
July 12, 1988

GUIDELINES FOR STATE FACULTY SUPPORT GRANTS

Eligibility Requirements

The purpose of the State Faculty Support Grant (SFSG) Program is to support research, scholarship, and creative activities that will help faculty remain current in their disciplines, pursue new ways to enrich student learning, and contribute to knowledge that will strengthen California socially, culturally, and economically. All faculty who are eligible for membership in Unit 3 can apply. Non-tenured faculty and those in disciplines with few outside resources for research, scholarship, and creative activity are particularly encouraged to apply. Awards will seek to complement and promote the affirmative action and educational equity goals of the CSU system. For all SFSG's, the overriding criteria for support will be how the proposed activity ultimately enhances student learning. Deadline for proposals is October 14, 1988.

Types of Support

The State Faculty Support Grant program supports activities which advance the discipline or field. These activities will use the approaches of a discipline or field to create new and generalizable knowledge, or to develop new art forms or expressions. The grant program offers three types of support:

- Minigrants of up to \$5,000, to be expended during the academic year. These grants will allow faculty to test promising ideas and obtain preliminary results prior to seeking external support for an activity. Funds may be used to buy adequate computer time to pay undergraduate and graduate students as research assistants and to purchase secretarial assistance for typing manuscripts and proposals.
- One month summer faculty fellowships to provide support to inaugurate, continue, or complete a project of creative scholarship or research.
- A quarter leave at full salary to develop or complete an appropriate activity related to one's academic discipline.

Criteria

Proposals will be judged on the following criteria:

SIGNIFICANCE: 25% (Including the importance of the topic; role in advancing the field or discipline; need for or anticipated benefit from the creative activity; contribution of a creative activity in fostering excellence, vitality, and diversity in the arts; impact on student learning; relationship to strengthening the curriculum; and relationship to the affirmative action goals of the university.)

METHODOLOGY: 35% (Including completeness and precision in detailing such facets as compatibility with stated objectives; overall design or organization; knowledge of related work or implementation of newest findings, time schedule, cost effectiveness of budget. For creative activities, criteria include adequacy of plan for commitment of imagination, thought, and expression in an articulated direction; demonstrated ability to sustain creativity as evidenced by previous work.)

PERSONNEL AND FACILITIES: 25% (Including consideration of the qualifications, promise, and stage of career development of the principal investigator; the availability of facilities, equipment, or other resources necessary to meet the objectives of the grant. For creative activities, criteria include adequacy of the material conditions necessary to facilitate the creation, production, presentation, or exhibition of innovative and diverse work.)

POTENTIAL: 15% (Including consideration of the project's potential for new contributions, or promise of leading to external funding)

Proposal Contents

Proposals should include a detailed description of the work, a time line for completion of the project, and a statement about how the resources requested are necessary to complete the project. All funds and salary support must be utilized during the academic year in which the award is made with the exception of summer fellowships. Proposals should cover the following topics as appropriate:

1. Abstract
2. A description of the project's goals and objectives in non-technical language.
3. A discussion of significance of the project.
 - a. What is the importance of the problem or need for the creative activity?
 - b. How does it relate to teaching assignment? specific courses? new courses?
 - c. How does what you propose enhance student learning?
 - d. What role will the project play in supporting the university's affirmative action goals?
 - e. How will it foster excellence in, or increase appreciation of, the arts?
4. A detailed plan of work, including methodology, tasks, and time schedule.
 - a. How is the design related to objectives?
 - b. What are the tasks? time schedule?
 - c. What facilities or material conditions are needed and are they available?
 - d. What previous work gives evidence of this project's feasibility?
 - e. What staff is needed? What undergraduate and graduate student assistance?
5. A description of how research findings will be used, whether for publication in refereed journals, for presentation in artistic exhibitions, for development of curricular materials, or for other purposes.
6. A brief biography, including a personal bibliography, listing universities attended, years, degrees, major field, pertinent work, related research, creative activity, or scholarship. (Vita or resume may be attached.)

7. For minigrants, a budget in which line items are clearly related to the activity of the grant. For a summer fellowship, monthly salary is calculated by dividing current annual salary by nine and adjusting for cost-of-living increase. Quarter leave salary is calculated at the replacement level. The figure of \$12,275 should be used in all cases.
8. (Optional) Name, address, and phone number of suggested peer reviewers for your proposal.

Review of Proposals

All proposals will be reviewed by the Academic Senate Research Committee for recommendation via the Chair to the Vice President for Academic Affairs. The committee will use consultants in the discipline or field of the proposer to assist in the evaluation of each proposal. Announcements of awards will be made by the end of the Fall Quarter. Grants will be effective immediately upon award.

Reporting Requirements

Grantees will be required to file progress reports at the end of each quarter in which the grant is active. Following termination of the grant, a final report with an extended (one to two page) abstract must be filed with the Office of the Associate Vice President for Graduate Studies, Research, and Faculty Development. This report will describe the results and how the items for the significance and impact summary sheet (Form SFSG3) were realized. The extended abstracts will be published to share the results of the projects with the academic community and others interested in the impact of the State Faculty Support Grant program.

STATE FACULTY SUPPORT GRANT PROPOSAL
1988-89

COVER PAGE

Submit an original and 13 copies to:

Graduate Studies, Research, and Faculty Development
Office; Administration 317, Ext. 1508

Deadline: October 14, 1988

Title of Proposal: _____

Name: _____

Department: _____

Rank and Step (as of September 1988): _____

Tenured _____ Tenure Track _____ Non-tenure Track _____

Type of Grant: research ☐ scholarship ☐ creative activity ☐

Support requested: Minigrant \$ _____
Summer Fellowship \$ _____
Quarter Leave \$ _____ W or Sp Quarter [circle one]

Project Duration: Beginning Date _____ Duration _____

Principal Investigator _____

Date _____

ENDORSED:

Department Head/Chair _____

Date _____

Dean _____

Date _____

STATE FACULTY SUPPORT GRANT PROPOSAL
1988-89

Name: _____

Department: _____

Title of Proposal: _____

Support requested: Minigrant \$ _____
 Summer Fellowship \$ _____
 Quarter Leave \$ _____ W or Sp Quarter [circle one]

Project Duration: Beginning Date _____ Duration _____

ABSTRACT (250 words):

STATE FACULTY SUPPORT GRANT PROPOSAL
1988-89

SIGNIFICANCE AND IMPACT SUMMARY

(Required for CSU Report)

Name: _____

Department: _____

Title of Proposal: _____

Support requested: Minigrant \$ _____
 Summer Fellowship \$ _____
 Quarter Leave \$ _____ W or Sp Quarter [circle one]

Project Duration: Beginning Date _____ Duration _____

1. Importance of the proposal in relation to teaching and enhanced student learning:

2. A description of the impact of the project on specific Cal Poly courses, new courses, or future courses:

3. A description of the amount and nature of undergraduate and graduate student involvement:

4. A description of how results will be used: publication, artistic exhibit, development of curricular materials; etc.

Memorandum

40
RECEIVED

JUN 7 1988

to : Charlie Crabb, President
Academic Senate

Academic Senate

Date : 6/3/88

File No.:

Copies :

From : Dr. Eugene Martinez *E. Martinez*
Student Affair Committee, Chair

Subject: National Merit Scholar Finalists

The Committee has met to discuss this issue. Based upon the conformation available to us, it appears that automatically admitting the finalist could undermine the admission policies of Cal Poly. Based upon our limited research, it appears that a large number of individuals from the local high school do and could qualify as National Merit Scholar finalists. The meaningfulness of becoming a finalist is not very clear because the criteria is based on very preliminary achievement data.

Consequently, we suggest that further study be undertaken by the committee. As it now stands, the committee does not recommend any action on this issue.

Oscar Arias Sanchez was born in Heredia, Costa Rica, September 13, 1941. He was educated there and abroad--attending Boston University with the original intention of studying medicine. Impressed by North American politics, he returned to his native country to pursue further study in law and economics. He was awarded a grant by the British government to study at the University of Essex and the London School of Economics and Political Science. Obtaining a doctorate from the University of Essex, he returned to Latin America where he held a professorship in the school of political science at the University of Costa Rica from 1969-1972.

Arias was appointed minister of national planning and political economy by President Jose Figueres in 1972. He served that office with distinction until 1977. The following year he was elected to represent Heredia in the national legislative assembly. In addition to his career in politics as a member of the National Liberation Party, he served as a member of the ad hoc commission of the National University of Heredia. He was a director of the technological institute of Costa Rica and a member of the national council of university rectors. In 1976 he served on the board of directors of the International University Exchange Fund and the following year he was a member of the North-South Roundtable. He strongly supports education--seeing it as a major contributor to equalization of income, political stability and economic development.

In February 2, 1986, he won the election for president of his country and was inaugurated May 8, 1986. He has used the resources of the presidency to promote stability and effect a return to diplomacy as a means of resolving the many conflicts bedeviling the region. In recognition of his gallant efforts to stabilize the turmoil devastating the societies and economics of the neighboring republics in Central America, Oscar Arias Sanchez was awarded the Nobel Peace Prize October 13, 1987.

Cal Poly has a special interest in the dedication and support that President Arias has shown for higher education because of our role in the development of the new Escuela de Agricultura de la Region Tropical Humeda. This educational project, which will offer a four-year baccalaureate degree in the areas of agricultural production and ecological conservation in the humid tropical zone, will also give members of our faculty and staff valuable experience by diversifying our focus and broadening our perspective. Thirty-two of our colleagues have already been involved over the past two years and the prospects are that an additional 30-50 will benefit from this cooperative effort in the next twenty-four months. President Arias has been very attentive in establishing the project and very gracious in sharing with us the talents of Dr. Jorge Manuel Dengo, First Vice-president of the republic, to act as Interim Director of the new college.

RESOLUTION ON AN HONORARY DOCTOR OF LAWS
DEGREE FOR PRESIDENT OSCAR ARIAS SANCHEZ

- WHEREAS, Dr. Oscar Arias Sanchez, President of the Republic of Costa Rica, has achieved distinction through his efforts to promote peace and understanding in a region of the world long disturbed by civil strife and disregard for human rights, and
- WHEREAS, International recognition for his contribution to diplomacy and the relaxation of armed conflict was duly celebrated by the 1987 Nobel Peace Prize, and
- WHEREAS, Dr. Arias has also distinguished himself as an educator and advocate of academic excellence on the national and international level, and
- WHEREAS, Dr. Arias has devoted time, effort and resources to the successful establishment of the Escuela de Agricultura de la Region Tropical Humeda (EARTH) in conjunction with California Polytechnic State University, San Luis Obispo, therefor be it
- RESOLVED: That the California Polytechnic State University Academic Senate strongly recommend that President Baker urge the Board of Trustees of the California State University to award the Degree of Honorary Doctor of Laws to Oscar Arias Sanchez, President of the Republic of Costa Rica, and be it further
- RESOLVED: That this honorary degree be conferred at Cal Poly Commencement, June, 1989.

Introduced by:
Larry Rathbun and Reg Gooden