President Baker appointed co-chair of new statewide council

President Baker has been appointed co-chairman of a new statewide council on agriculture and higher education.

He and Kenneth Farrell, University of California vice president for agriculture and natural resources, will chair the 11-member Joint Policy Council on Agriculture and Higher Education.

The council was established by the leaders of the state’s three public higher education systems, UC President Jack W. Peltason, CSU Chancellor Barry Munitz, and California Community Colleges Chancellor David Mertes, at the recommendation of the Commission on California Agriculture and Higher Education.

The council’s formation signals a commitment to increased collaboration among the UC, CSU and community colleges on agricultural teaching, research and outreach programs.

The commission, formed in late 1993, includes leaders in agriculture and farm-related businesses and members from the general public. The group was charged with developing recommendations to help higher education maintain the quality of its programs in agriculture while dealing with budget cuts.

The creation of the Joint Policy Council on Agriculture and Higher Education will increase the state’s ability to deliver instruction, research and public-service programs that focus on agriculture, natural resources and the environment.

The three school systems will work toward increased cooperation in:

• Conducting applied and field research.
• Adopting modern communication technologies to speed dissemination of science-based information to the agricultural and natural-resources communities.
• Updating the content of teaching programs to reflect the rapid changes taking place in agricultural production, marketing and resources management.
• Making course work more accessible to students in the three systems by using distance learning and other new technologies.

Council members also include chancellors from UC campuses at Berkeley, Davis and Riverside, presidents of CSU campuses at Fresno, Chico, and Pomona, the chancellor of the California Community Colleges, the president of a community college with a strong agricultural program, and the chairman of the council’s advisory board.

Kranzdorf awarded Fulbright fellowship

Political science professor Richard Kranzdorf has been awarded a Fulbright fellowship to study political, economic, educational, and environmental issues in Poland and Hungary this summer.

He and approximately 16 other educators from throughout the United States will spend six weeks in the two countries, learning also about Polish and Hungarian history and culture.

While in Poland, he will spend time in both Warsaw and Krakow, attending lectures and meeting and talking with politicians, government officials, businessmen and educational leaders.

S$ 150,000 NSF grant to aid ‘mechatronics’ education

Sema Alptekin, an industrial and manufacturing engineering professor, has been awarded a $150,000 National Science Foundation grant to train teachers in the emerging field of “mechatronics.”

Mechatronics is the term used to describe the new technology that integrates mechanical and electronic parts with decision-making computer software at the design level, eliminating the need to engineer each set of requirements separately.

Alptekin and an interdisciplinary team of faculty members from the College of Engineering and Stanford and UC Berkeley, will lead a three-phase program designed to spur mechatronics education at the undergraduate level.

The first phase is a six-day seminar, Preparing the Leaders for Mechatronics Education, to be held at Cal Poly Monday through Saturday, June 19-24. The seminar’s hands-on workshops will illustrate how to introduce the new technology into the classroom and laboratory—from the design of complex products to final manufacturing.

Lotfi A. Zadeh, retired UC Berkeley professor and the father of “fuzzy logic,” will give the keynote address at the seminar.

Fuzzy logic, a component of mechatronics, uses artificial intelligence methods to simulate human thinking. Rather than using a black-and-white logic, fuzzy logic can see the grays. The new technology has been used to create such items as industrial robots, auto-focus cameras and auto-adjusting photocopy machines.

Phase two, a two-day follow-up session, will allow participants to report on the progress they have made.
Kennedy Library honors volunteers

The Kennedy Library honored 14 community volunteers for their efforts to help the library reach its service goals. The volunteers work approximately five hours a week, doing a variety of tasks from creating bibliographies to providing desktop publishing services. They also help with clerical duties, computing, planning, public and technical services, and book processing.

Those recognized were Naglaa Assal, Marie Castellano, Harriet Clendenen, Elizabeth Cheda, Rebecca Nadel, Jai-xun Lu Wong, Bill McGowan, Alice McGowan, Abbey Rainey, Beverly Cox, Janet Crabaugh, Carole Geile, and Catharine Young.

Cal Poly seeks volunteers each fall. After completing an application, potential volunteers are interviewed so that their interests and skills are matched with specific library needs. For more information about the Kennedy Library Volunteer program, call Mary Louise Brady at ext. 2273.

Students win 1st, 2nd in statewide contest

A Cal Poly student won first place and another took second in an annual statewide research competition among students from the CSU’s 22 campuses.

Jason Berry, a senior business administration student, won first prize and $400 in the undergraduate-level business, economics and public administration category of the Ninth Annual CSU Student Research Conference. Berry’s winning research paper was on “The Performance of Research and Development Consortia.”

Leticia Bustamante, a senior aeronautical engineering student, won second place and $100 in the undergraduate division of the engineering and computer science category for her paper, “Detection of Internal Damage by a Novel Non-Destructive Technique for Measuring Energy Dissipation in Composites.”

The competition, sponsored by the California State University Foundation with gifts from CSU Business Associates and the Chancellor’s Associates, is designed to promote excellence in undergraduate and graduate scholarly research and creative activity by recognizing outstanding student accomplishments.

Each campus holds a competition to select the students who go on to participate in the statewide contest. A total of 10 students were picked to represent Cal Poly in this year’s event.

Students, employees honored by Golden Key

Two students have been inducted into the Golden Key National Honor Society, and six faculty and staff members have been selected as honorary members.

The society recognizes academically superior juniors and seniors at colleges and universities in the United States, Puerto Rico and Australia.

Jeffrey Schalk, a junior architectural engineering student, and Matt Freeby, a senior biological sciences student, were awarded membership certificates at a recent reception.

This year’s honorary members are Joe Sabol of the Agricultural Education Department; Lorraine Ridgeway, Student Affairs; Frank Lebens; Administration and Finance; Joseph Jen, College of Agriculture; Polly Harrigan, ASI; and Patrice Engle, Psychology and Human Development.

The honorary members join more than 5,000 others including President Bill Clinton, author Alex Haley, and former First Lady Barbara Bush.

Kranzdorf

He will also visit industrial, academic and cultural centers such as Lodz, Gdansk, Czestochowa and Zakopane.

During Kranzdorf’s Hungarian stay he will tour factories and educational and cultural institutions, and will have the opportunity to meet with professionals and attend a wide variety of presentations.

Rec Sports has summer classes for kids

Summer is right around the corner and Rec Sports is offering programs to help children learn while also having fun.

Swimming Lessons - Three two-week sessions are designed for children 4 to 10 years old. Instruction is available for all levels of swimmers. Lessons are 40 minutes long, Monday through Friday, and are offered at five different time slots. Session one begins Monday, June 26. The cost is $38.

Beginning Tennis - New to Rec Sports, the class will cover the sport’s fundamental skills, including hand-eye coordination, footwork and racquet techniques. The three-week class costs $25 and will be held Mondays, Wednesdays and Fridays from 8:30 to 9:30 am beginning Monday, June 19.

Introduction to Martial Arts - Boys and girls 7 and up will be taught basic concepts with an emphasis on hand-eye coordination, body awareness, following instructions, and social interaction. The six-week lessons are taught Tuesdays and Thursdays from 4 to 5 pm beginning June 27. The cost is $45.

For more information, call Amy Waldorf, summer programs coordinator, at ext. 1366.

CPR Schedule

This is the last spring quarter edition of the Cal Poly Report. The Cal Poly Report will be published every other Friday during summer quarter beginning June 23. The deadline for submitting articles for that issue will be June 16. Send double-spaced copy to Jo Ann Lloyd, Communications, Heron Hall, or fax it to ext. 6533, or e-mail du539@oasis.
Faculty tenure and promotion awards

President Baker has announced the promotion of 18 faculty members and the award of tenure to 14 faculty members effective in the 1995-96 academic year. The promotions include 10 to the academic rank of Professor and 8 to associate professor.

President Baker extended his congratulations and appreciation to the following faculty members receiving promotion and/or tenure:

**PROMOTION TO PROFESSOR:**

- **College of Agriculture**
  - William H. Amspacher, Agribusiness
  - Richard A. Cavaletto, Agricultural Engineering
  - Richard P. Thompson, Natural Resources Management

- **College of Architecture and Environmental Design**
  - Bradford C. Grant, Architecture

- **College of Engineering**
  - Gene L. Fisher, Computer Science
  - Ali Shaban, Electrical Engineering

- **College of Liberal Arts**
  - Carol A. MacCurdy, English
  - Richard K. Simon, English
  - Robert L. Blodget, Psychology & Human Development

- **College of Science and Mathematics**
  - C. Andrea Brown, Physical Education & Kinesiology

**PROMOTION TO ASSOCIATE PROFESSOR:**

- **College of Architecture and Environmental Design**
  - Brian A. Aviles, Landscape Architecture

- **College of Engineering**
  - Gene L. Fisher, Computer Science
  - Sema E. Alptekin, Industrial and Manufacturing Engineering
  - Mark S. Johnson, Mechanical Engineering

- **College of Science and Mathematics**
  - Gayle P. Cook, Physics
  - Nilgun Sungar, Physics

**TENURE:**

- **College of Agriculture**
  - Richard P. Thompson, Natural Resources Management

- **College of Architecture and Environmental Design**
  - Bradford C. Grant, Architecture
  - Brian A. Aviles, Landscape Architecture

- **College of Business**
  - Barry D. Floyd, Management Area

- **College of Engineering**
  - William Chris Buckalew, Computer Science
  - Gene L. Fisher, Computer Science
  - Serna E. Alptekin, Industrial and Manufacturing Engineering
  - Mark S. Johnson, Mechanical Engineering

- **College of Liberal Arts**
  - John D. Battenburg, English
  - Kenneth J. Brown, English
  - Evelyn M. Torres, English
  - Maria L. Junco, Theatre and Dance

**Kennedy Library awarded Canadian grant**

The Kennedy Library has received a $1,250 matching grant from the Canadian government to add to the library’s collection of materials about Canada and from Canada.

Canada’s grant program is designed to promote teaching and research in Canadian studies in the United States.

Pam Johnson, cultural and academic relations officer for the Canadian Consulate General, presented the check to David Walch, dean of library services, at a recent ceremony.

The grant proposal was prepared by reference librarian Lynne Gamble and English professor Doug Keesey.

Athletics announces new women’s basketball coach

Karen Booker, the associate head coach at the University of Kentucky, has been named head women’s basketball coach at Cal Poly. Booker succeeds Jill Orrock, whose contract was not renewed.

A 1987 graduate of Vanderbilt, Booker began her coaching career at Kentucky in 1989. She returned to Vanderbilt as a recruiting coordinator; played professional basketball in Kyoto, Japan, where she led the team to an undefeated season; and coached at the University of Nevada at Reno.

She was a gold medalist in the 1991 World University Games and was the first recipient of the Jim Robbins Award as Vanderbilt’s Athlete of the Year in 1987.

... NSF grant

at their respective institutions. Participants will also be in touch with each other and project leaders via the World Wide Web during a one-year follow-through phase.

Cal Poly faculty members who will be teaching the workshops are Alptekin, Kenneth Brown, Archie Cheda, Robert Conroy, Mark Cooper, Joanne Freeman, Martin Koch, Anthony Mason, Unny Menon, Richard Strahl and Nick Sweeney from the Industrial and Manufacturing Engineering Department; Saeed Niku, Mechanical Engineering; and Clinton Staley, Computer Engineering.

Workshop participants will include several professors from California universities as well as from the Colorado School of Mines and Kansas State, Tufts, West Virginia, Indiana State, Ohio State, Texas Tech, Tuskegee and Baylor universities.

The National Science Foundation grant comes from the organization’s Undergraduate Education Division and will provide funds for participants’ lodging and meals, as well as a stipend for some participants.

For more information call Alptekin at ext. 5992 or e-mail her at salptek@obo.aix.calpoly.edu.
Fee waiver deadlines for fall quarter

Information and applications are available in Human Resources for eligible full or permanent part-time employees to participate in the Fee Waiver Program. Important deadlines for fall quarter 1995 are:

July 18 – SSF forms available - PAY FEES
July 25 – CAPTURE registration begins for staff
Aug. 21 – Last day to pay fees to avoid $25 late fees
Oct. 2 – Last day to submit fee waiver forms to Human Resources

Fee waiver participants may begin registering for classes in accordance with the “Priority and Graduate Students” category of the CAPTURE registration system (page 10 of Fall Quarter Class Schedule).

Employees registered spring quarter will be mailed their SSF/fee waiver forms by July 20. Those who are not currently enrolled should contact Joan Lund, Human Resources, ext. 6563.

Dateline
SATURDAY, JUNE 10

Commencement: The ceremony for the colleges of Business, Engineering, Science and Mathematics, the University Center for Teacher Education and the Statewide Nursing Program, will be at 10; colleges of Agriculture, Architecture and Environmental Design and Liberal Arts will be at 4 pm. Mustang Stadium.

Position vacancies

More information and applications for the following staff positions are available from the appropriate human resources office. Faxed applications and resumes will not be accepted in lieu of official application.

STATE (Adm. 110, ext. 2236 or job line at ext. 1533). Official application forms must be received by 4 pm of the closing date or be postmarked by the closing date.

CLOSING DATE: June 23
Programmer/Analyst, Management Information Systems, $2972-$3715/month, + merit bonus.

CLOSING DATE: June 23
Programmer I, University Advancement, Records & Systems (Unit 9), $2651-$3187/month, temporary, one-year appointment.

CLOSING DATE: June 23
Administrative Operations Analyst I, $2475-$2976/month, +$75/month stipend for confidential status, Human Resources. This position is excluded from bargaining unit representation.

FOUNDATION (Foundation Adm. Building, ext. 1533). All Foundation applications must be received (not just postmarked) by 5 pm of the closing date. (No faxes)

CLOSING DATE: June 23
Programmer/Analyst, Management Information Systems, $2972-$3715/month, + merit bonus.

FACULTY (Adm. 312, ext. 2844)

Candidates interested in positions on the faculty are invited to contact the appropriate dean or department head/chair. Ranks and salaries for faculty positions are commensurate with qualifications and experience (and time base where applicable), unless otherwise stated.

***READVERTISEMENT***
EXTENDED CLOSING DATE: June 23
Lecturer Pool (part-time), Journalism. Possible positions available during 1995-96 to teach advanced news editing and reporting, radio and TV broadcasting, photojournalism, and advertising. B.A. in journalism or related field required; master’s preferred. Extensive professional media experience essential. Previous college teaching required.