

CAL POLY

REPORT

California Polytechnic State University, San Luis Obispo

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March 15, 1990

School of Engineering tops \$30-million goal

The School of Engineering has ended the largest fund-raising drive in the university's history after raising \$2.2 million more than the campaign's \$30 million goal.

University officials and industry leaders celebrated the success at a banquet officially concluding the five-year Benchmark for Excellence capital campaign.

The drive began as a step toward the school's continuing goal of developing a national-standard program in undergraduate engineering education. The \$32.2 million raised in equipment, facilities, and cash included \$17.4 million from corporations, \$11.2 million from the state, and \$2.8 million from the federal government.

The largest cash gift to the drive was \$400,000 from Lockheed to establish an endowed professorship.

The largest equipment donations were \$2.5 million from IBM for the university's Computer-Aided Productivity Center and \$1.07 million from Hewlett-Packard for mechanical engineering and engineering technology laboratories.

Washington honors for Da Vinci project

The Cal Poly student group that last fall achieved the first flight of a human-powered helicopter was honored on Monday, March 12, at the National Air and Space Museum in Washington, D.C.

Current and former members of the Da Vinci Project, along with their faculty advisor, received a certificate of recognition as part of the National Aeronautic Association's annual awards presentation for world and national aviation records.

The association is the official record keeper for all aviation and aerospace records established in the United States. Cal Poly is believed to be the only university to hold an aviation record, said NAA President Malvern J. Gross Jr.

The flight certified by the NAA as an aviation first was the pedal-powered Da Vinci III's 6.8-second hover Dec. 10 in Cal Poly's Mott Gymnasium. The flight made news around the world.

Of the more-than-120 past and present students who have worked on the project, five key members are named on the NAA certificate:

Neal Saiki, a senior aeronautical engineering major and project manager since mid-1989; Kyle Naydo, a December 1989 graduate in aeronautical engineering, test director and a key engineer; Greg McNeil, sophomore aeronautical engineering major and national-team bicyclist, the "human power unit" for Da Vinci III; Robert Faye, a 1987 aeronautical engineering graduate, one of a small group who resurrected the original Da Vinci in 1985 and tested it in 1986-87, project manager for Da Vinci II in 1987; Scott Larwood, a 1988 aeronautical engineering graduate, a member of the group that revived the project in 1985, and was project manager for Da Vinci II in 1988.

Also named on the certificate is Associate Professor William B. Patterson of the Mechanical Engineering faculty. He has been the project's faculty advisor since it began in 1981.

Report schedule

The March 22 issue is the final one for Winter Quarter. The first issue for Spring Quarter will be Thursday, April 5. The deadline for that issue is March 29.

Student community service recognized

Two Cal Poly students and a university student group have received the Cal Poly President's Award for Community Service and the General Motors Spirit Award for Outstanding Community Service.

Kristi L. Ryan, a sophomore agricultural engineering major, and Jennifer T. Taggart, a senior engineering science major, received the individual awards.

The Residence Hall Student Community Services Network, a cooperative venture of the Housing Department and ASI Student Community Services, received the award for group service to the community.

Each of the winners received a plaque from Dr. Baker and a plaque and three shares of stock from General Motors.

Reserve Room notice

The Reserve Room in the Kennedy Library is accepting material to be placed on reserve for Spring Quarter. Lists and material must be submitted at least two weeks before the quarter begins to allow sufficient processing time. Requests will be processed in the order received. Call ext. 2415 for forms and information or stop by the Reserve Desk.

National finalist

The Cal Poly Health Education program is a finalist in the U.S. Department of Health and Human Services' Community Health Promotion Awards Competition. A decision from the Centers of Disease Control is expected by the end of May.

Floral designers set wedding show

A show of the latest fashion and floral designs for weddings will be presented on Sunday, March 18, in the Atrium of the Embassy Suites Hotel.

Scheduled for 3 pm, the event is being planned by the Cal Poly student chapter of the American Institute of Floral Designers.

The show will feature the floral designs and commentary of G. Michael Quesada, a graduate of the Ornamental Horticulture Dept.

Tickets for the show are \$5 and can be purchased at the Poly Plant and Floral Shop and at the Floral Design Studio and Everyone's Favorite Wedding Center in San Luis Obispo. They will also be available at the hotel the day of the show.

'Speechless' exhibit at UU Galerie

"Speechless" is how San Luis Obispo mime Fran Dukehart likes to leave her audience, so "Speechless" is the title of the interactive hands-on experience she and Robert Howell are offering at the UU Galerie through April 10.

True to her clown/comedian, background, Dukehart has scheduled the artists' reception for April Fool's Day, Sunday, April 1, from 4-6 pm (The Galerie will be closed during the break between Winter and Spring Quarters, March 24-31.)

Working with photographer/artist Robert Howell, a member of the Art and Design faculty, the "Speechless" exhibition allows for a heightened sensation of sight and touch as viewers explore discovery boxes.

Howell coordinated and produced the videos for the exhibition, and assisted in the design of the program.

For the past 20 years, Dukehart's career has included touring with the Ringling Bros. Barnum & Bailey Circus as an elephant rider, chorus

line dancer, and aerial ballerina. The performance artist has also created mime/clown/comedian characters like Daisy the Mime, Flam Bow the Clown, Henrietta Hobo, and Holly Holiday.

A member of the Art and Design Department since 1977, Howell has been an active commercial photographer involved in fashion, model, and portrait photography. He also teaches computer graphics and video production.

UU Galerie hours are Tuesday and Wednesday, 10 am to 5 pm; Thursday, 10 am to 8 pm; Friday, 10 am to 4 pm; and weekends, noon to 4 pm.

For additional information, call ext. 1182.

Ride-a-thon to aid ranch for disabled

People with physical and developmental disabilities will be the beneficiaries of a ride-a-thon scheduled for Saturday, April 14.

The event will begin at 9 am and cover an eight-mile loop trail that will begin and end in the parking lot near the Horse Unit.

Participants in the ride will be asked to obtain sponsors to pledge contributions for each mile they ride, or for lump-sum donations.

The ride-a-thon is being planned as a fund raiser for the B.O.K. Ranch, a non-profit facility for disabled persons.

Pledge forms and information about the B.O.K. Ranch Ride-A-Thon can be obtained in the San Luis Obispo area at the Farm Supply Co. and Double D Feed, both on Tank Farm Road, and the Equine Center on Davenport Creek Road near San Luis Obispo.

They are also available at the Paso Robles Ag Center on Highway 46; both Lemos Ranch feeds locations in Arroyo Grande; the Show Barn and PCA farm supply in Atascadero; and the Santa Margarita Feed store.

Twenty-one honored at 'Apple Polysher'

POLY REPS, the Student Alumni Council, recently hosted the group's third annual "Apple Polysher" at Cuesta Park.

Each POLY REP invited a favorite faculty member, staff member, or administrator to enjoy an afternoon of food and good times. The Apple Polysher is a way for each student to say "thank you" to his or her special guest for his/her support.

The invited guests received a certificate commemorating the event. The program included a brief presentation on the POLY REPS organization to increase awareness of the group's activities. Those honored at this year's event were Tina Bailey, Chemistry; David Brodie, Architecture; Mike Fahs, Speech Communication; Bob Heidersbach, Metallurgical and Materials Engineering; Ralph Jacobson, Chemistry; Lynn Jamieson, Recreation Administration; Mark Johnson, Mechanical Engineering; Bill Little, Foreign Languages and Literatures; Sarah Lord, Home Economics; Ron Musulman, Mechanical Engineering; Gene O'Connor, Business Administration; Jere Ramsey, Business Administration; Kim Rutledge, Alumni Relations; Ken Scott, Agribusiness; Steve Shapiro, Journalism; Gere Smith, Landscape Architecture; John Stead, Industrial Technology; Michael Stuart, Foundation Maintenance; Betsy Umhofer, Speech Communication; Ken Walker, Athletics; and Bud Zeuschner, Speech Communication.

Directors sought

Faculty and staff are being sought to serve as directors of the University Club for the 1990-91 academic year. For more information, please contact Ken Walters, ext. 2242.

Library exhibit

Dr. Jack R. Lewis, professor emeritus, architecture, has a display of his oil paintings of marine and desert subjects in the front lobby of the Kennedy Library through the first week of April. Lewis has had other exhibits of his work in Indian-style baskets and primitive masks. He is the author of a number of books on architecture and marine subjects.

Annual student poetry contest announced

The Academy of American Poets has announced its annual poetry contest for students.

A \$100 prize will be offered for the best poem or group of poems submitted to the Cal Poly English Department. The judge for this year's contest is Ai, the Arizona State University professor who was on campus last October as part of the Cal Poly Arts and Humanities lecture series.

Poetry manuscripts should be submitted to the English Department office by 5 pm, on Friday, March 23. Students names and addresses should appear on each page of the manuscript, and must be printed, along with a local phone number, on the submission envelope.

For additional details, contact the contest coordinator, Dr. Angie Estes of the English Department, ext. 1596.

Two dairy industry leaders honored

The president of a major California dairy cooperative and a veteran dairy scientist at UC Davis are the newest honorary members of Los Lecheros, the campus club for dairy science students.

Jim Gomes of Lemoore and Dr. Donald L. Bath of Davis were recognized during the annual banquet of the student group.

Gomes, president and chief executive officer of the Danish Creamery Association, also serves on several boards and advisory groups, including the California Dairy Research Center, the California Creamery Operators Association, and Challenge Dairy Products.

Bath, an extension specialist and member of the animal science faculty at UC Davis since 1963, has made significant contributions to the dairy industry as a co-author of a major textbook on dairy management and as a member of the Committee on Dairy Cattle Nutrition of the National Academy of Sciences and National Research Council.

PERS rep on campus

A representative from the Public Employees' Retirement System will be on campus Wednesday, March 21, from 10 to 11:30 am to answer questions regarding PERS retirement benefits. He will be available in the Personnel Office, Adm. 110. Questions will be answered on a first-come, first-served basis.

Who, What, Where, When

Gary Field, *Graphic Communication*, has been awarded the Insignia Award in Technology by the City and Guilds of London Institute. The honor is the highest bestowed by the 112-year-old institute and recognizes technical excellence in applied research. The title of the thesis submitted to the senior awards committee for assessment was "Applications of Split-Filter Strategies to Colour Correction."

Randy Knight, *Physics*, published a paper, "Two-Color Laser Photoionization Spectroscopy of Titanium," in the *Journal of the Optical Society of America*, January 1990.

Angie Estes, *English*, presented a reading of her poems at the Twentieth-

Century Literature Conference in Louisville, Ky.

Stan Dundon, *Philosophy*, delivered a paper and led a workshop, "The Human Values of Agriculture, the Strength of the Family Farm," at the Farm Conference '90, in Visalia.

Bob Lucas, *Graduate Studies and Research*, had an article, "The Role of the Paranormal in Grants Development," published in the December issue of *Grants Magazine*.

Jim H. Railey and B.G. Railey, *Physical Education*, presented two one-hour sessions at the annual meeting of the National Masters Racquetball Association held in Las Vegas. The topics presented were "Sybervision Analysis of The Backhand Stroke" and "Supplemental Conditioning Programs For Masters Players."

Lori Atwater, *School of Agriculture*, held a computer connectivity seminar for the UK Net/One Users Group Conference in Hornchurch, England. She served as ex-officio member for their executive committee coordinating future international cooperation of network users.

Lori Atwater, *School of Agriculture*, presented a network inventory management system at the 11th Ungermann-Bass Users Group Conference in Atlanta, Ga. The software was designed and documented by **Ralph Nicovich** of *Communications Services*.

Russell M. Cummings, *Aeronautical Engineering*, has been chosen to present a paper, "Numerical Simulation of High-Incidence Flow Over The F-18 Fighter," at the 17th Congress of the International Council of the Aeronautical Sciences, to be held in Stockholm, Sweden.

Ilene Rockman, *Library*, is the author of "Promoting Professional Development: A Local Approach" in Vol. 50, No. 10 of *College and Research Libraries News*.

Dwayne Head, *Physical Education and Recreation Administration*, has published an article, "Faculty Development - The Challenge of the '90s," in the *Chronicle of Physical Education in Higher Education*.

David B. Walch, *Library*, had an article, "A Perspective of Academic Librarianship: The Practitioner's Needs and the Educator's Product," published in the *Journal of Library Administration*, Vol. 11, Nos. 3/4, 1989.

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Dateline. . . .

(**\$**) - Admission Charged

THURSDAY, MARCH 15

Exhibit: Jack Lewis (Architecture emeritus) will display oil paintings. Continues through April 6. Kennedy Library, front lobby.

University Club: Ralph Jacobson (Chemistry) will discuss "Impressions of Togo and Ghana." Staff Dining Room, noon.

Softball: Cal Lutheran, Softball Field, 1:30 pm.

Storyteller: Jackie Torrence will present a workshop. Theatre, 7:30 pm. An evening of storytelling will continue on Friday, March 16. Theatre, 7 pm. For reservations, call ext. 1421. (**\$**)

FRIDAY, MARCH 16

Baseball: Ohio State University, SLO Stadium, 2 pm. (**\$**)

Women's Tennis: Cal State Bakersfield, Tennis Courts, 2 pm.

Concert: University Singers Farewell Concert, Mt. Carmel Lutheran Church, SLO, 8 pm. (**\$**)

SATURDAY, MARCH 17

Baseball: Ohio State University, SLO Stadium, noon. (**\$**)

Women's Tennis: Cal State Northridge, Tennis Courts, noon.

Concert: Hakan Rosengren (clarinetist) will perform. Theatre, 8 pm.

SUNDAY, MARCH 18

Baseball: Montclair State, SLO Stadium, 2 pm. (**\$**)

Concert: SLO County Youth Symphony, Theatre, 3 pm. (**\$**)

THURSDAY, MARCH 22

University Club: Delmar Dingus (Soil Science) will discuss the Japanese Student Training Program. Staff Dining Room, noon.

FRIDAY, MARCH 23

Baseball: Cal State Los Angeles, SLO Stadium, 7 pm. (**\$**)

Gymnastics: UC Berkeley, Mott Gym, 7:30 pm. (**\$**)

Opera: Pacific Repertory Opera "Cosi Fan Tutti," Theatre, 8 pm. Continues on Saturday, March 24, 8 pm and Sunday, March 25, 2 pm.

SATURDAY, MARCH 24

Baseball: Cal State Los Angeles, SLO Stadium, 1 pm. (**\$**)

Gymnastics: UC Davis, Mott Gym, 7:30 pm. (**\$**)

Concert: Band Rotary Pops Concert, Chumash, 8 pm. (**\$**)

Position Vacancies

Vacant staff positions at Cal Poly and the Cal Poly Foundation are announced in this column and are posted outside the respective offices. Contact those offices (State: Adm. 110, 805-756-2236 — Foundation Administration Building, 805-756-1121) for applications and additional position details. Both Cal Poly and the Foundation are subject to all laws governing affirmative action and equal employment opportunity. Cal Poly hires only individuals lawfully authorized to work in the United States. All eligible and interested persons are encouraged to apply. Applications must be received by 5 pm or postmarked by the closing date.

State

CLOSING DATE: March 28, 1990

Athletic Equipment Attendant I, \$829-\$979/month; half-time, temporary through 6/30/90, Athletics.

Clerical Assistant III-A, Office Manager, \$1801-\$2132/month; Student Academic Services.

Department Secretary III-A, \$2169-\$2582/month, Architecture.

Payroll Technician I/Trainee, \$1480-\$1993/month, Payroll Services.

Secretary, \$1861-\$2203/month, Graduate Studies and Research.

CLOSING DATE: April 11, 1990

Student Services Professional II/12-month, (Leadership Development), \$2494-\$2998/month; anticipated vacancy, Housing.

Student Services Professional (Academic Advisor), \$2494-\$2998/month; start date July 1, 1990 or as arranged), Housing.

Candidates for positions on the faculty of the university are presently being sought, according to Jan Pieper, director of personnel and employee relations. Those interested in learning more about the positions are invited to contact the appropriate dean or department head. Salaries for faculty commensurate with qualifications and experience (and time base where applicable), unless otherwise stated. This university is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. Cal

Poly hires only individuals lawfully authorized to work in the United States. All eligible and interested persons are encouraged to apply.

CLOSING DATE: May 7, 1990

Assistant/Associate Professor (tenure-track), Agribusiness. Position available September 1990 to teach agricultural sales and marketing with major emphasis on "branded product" marketing and international marketing. Master's or doctorate degree and agribusiness experience or experience teaching at the university level.

Lecturers (full-time, one year), Agribusiness. Positions available for the 1990-91 Academic year. Candidates must be able to teach courses in following subject matter and other related courses as needed by the department: computer applications in agriculture, agribusiness sales and service, agribusiness managerial accounting, large farm accounting. Master's or doctorate degree in an area of agricultural management and agribusiness industry or teaching experience is required.

....more WWWs

Anthony Knable, Biological Sciences, has been appointed to the board of trustees of the Golden State Adopt-A-Lake Conservancy. This non-profit organization has been specifically developed to educate, encourage, promote and administer fisheries improvement project in California's inland waters and seeks to foster substantive cooperation between California Fish and Game and other local, regional and national fisheries organizations.

Stephan Lamb, Housing, has been appointed to the 1991 Program Committee for the National Association of Student Personnel Administrators' Western Deans Conference to be held January, 1991, in Hawaii.

Robert Negranti, Personnel, has been re-elected president of the San Luis Obispo County Civil Service Commission for 1990.

Bernice Loughran, Art and Design emeritus, was invited to present workshops on art/design in Anaheim, for secondary school administrators from over 25 countries whose students participate in the International Baccalaureate Program (an advanced, pre-university course of study).