DA VINCI MODELS EXHIBITED

The inventive genius and foresight of Leonardo da Vinci, who conceived of the flying machine and other developments that did not take practical form until modern times, will be depicted in an exhibit that will open on Thursday (Apr. 16). The display of the 15th century artist-scientist's work, on loan from the IBM Corporation, includes 25 models built from Leonardo's scientific and technical drawings.

It will remain on exhibit in the Special Collections Room of the university's new Robert E. Kennedy Library through Monday (May 4). Admission will be free and the public is invited to view the exhibit. Models in the show include both practical and theoretical devices.

Among them are a paddle-wheel ship, an idea that was not successfully developed until the advent of steam power in the 19th century; a gear system that produced three speeds of rotation as in the modern automobile transmission; and a device for determining the tensile strength of wire, information essential for engineers five centuries ago, as it is today.

Leonardo was fascinated with the possibility of human flight, and devised many schemes for flying, including ornithopters—vehicles used flapping wings for their support and propulsion. A model of an ornithopter in the IBM collection follows an early design calling for a lattice-like wooden framework, two moveable wings, a series of ropes and pulleys, and windlass. This was to be operated by the flyer laying prone in the framework.

Although Leonardo da Vinci considered war "a bestial madness," he was one of the leading military engineers of his time, and made innumerable sketches for fortifications and weapons. Models in the show at Cal Poly will include an amored tank, in which he foresaw a type of vehicle not extensively used until World War I, and a scaling ladder that resembles modern fire-fighting apparatus, but which da Vinci designed for storming walls of an enemy fortress.

The first set of models of the 15th century artist-scientist's work to be constructed in contemporary times was built in 1938 for an exhibition in Milan, Italy. It traveled briefly, and during World War II was completely destroyed by bombs in Tokyo. Another group of models, built in the United States after the war, was acquired by IBM in 1951 and incorporated into the company's touring exhibition program. The present models are displayed with panels of explanatory materials and sketches reproduced from da Vinci's notebooks.

Also scheduled for inclusion in the exhibit at Cal Poly are several rare books and other items from the Eimer Belt Library of Vinciata at University of California, Los Angeles. The display is scheduled in conjunction with a Spring Quarter course offered by the School of Communicative Arts and Humanities. Titled "Leonardo and His World," the humanities course has over 400 students enrolled. Viewing hours for the exhibit are 8 am to 5 pm on Mondays through Fridays and 10 am to 4 pm on Saturdays.

Cal Western Life/Occidental life health insurance information

To assist Cal Poly employees with their health insurance coverage, the Personnel Office is running a series of four articles focusing on filing health insurance claims. This is the third of this series and deals specifically with filing a medical claim for those individuals insured by the Cal Western Life/Occidental Life health insurance coverage under the Public Employees' Medical and Hospital Care Act.

In filing a medical claim with Cal Western, a claim form must be used. Claim forms may be obtained in the Personnel Office and should be submitted as soon as possible after expenses are incurred. Expenses (including prescription drugs) should not be allowed to accumulate for more than 3 months.

HOW TO FILE A CLAIM

1. If filing the first claim for an illness or injury:
   a. Complete Part A of the claim form.

(cont. on page 2)
An intense but jolly profusion of Dixieland and traditional jazz music will permeate the Central Coast when some of California's finest groups descend on San Luis Obispo for "Dixie Daze" on Saturday and Sunday (May 9 & 10). The festival is planned for several locations in the city and on the Cal Poly campus.

The public is invited, with admission badges going for $10 ($8 for students). Badges admit the wearer to any and all locations during the jazz fest. Badge applications are available from members of the Cal Poly Music Club by calling Ext. 2607.

Bands which have agreed to play are: the High Sierras Jazz Band of Three Rivers; The Fink Street Five, Hollywood; the South Frisco Jazz Band, Costa Mesa; the Port City Jazz Band, Stockton; The Jazzin' Babies, Sylmar; and the Great Pacific Jazz Band, Hollywood. Also, the Golden State Jazz Band, San Anselmo; the Gramercy Six, Shingle Springs; the ever-popular local band, Desolation Jazz Ensemble & Mess Kit Repair Battalion; and another band still in negotiation.

Local residents will recognize the Desolation Jazz Ensemble as the house band for the Basin Street Regulars. Among the sponsors of "Dixie Daze" are the Cal Poly Music Club, ASI Special Events Committee, Mustang Boosters, and Cal Poly Alumni Association, with special assistance from the Basin Street Regulars and San Luis Obispo Chamber of Commerce.

Locations for the music include the Snack Bar and Chumash Auditorium, Discovery Motor Inn (headquarters hotel for the event), and across the street, The Monday Club, which will also serve as the event's hospitality site. Continuous play is planned from 10 am Saturday morning to half-past midnight, and picking up again Sunday from 10 am through 5:30 pm. For added convenience, the Music Club has arranged for shuttle bus service throughout the two days among the four locations.

The schedule will include bands at three locations beginning Saturday morning, increasing to four locations at 1 pm. Sunday events will again feature three locations at 10 am, with the fourth location starting at 12:30 pm, with continuous play through the late afternoon. The bands will rotate among the four locations, so badge-wearers will have the opportunity to hear all 12 of the groups. In addition to the aforementioned pros, two Cal Poly jazz and Dixieland bands will play.

"Dixie Daze," according to Music Club advisor George Beattie, is planned to be an annual event to promote traditional and Dixieland style music, and to introduce students and others to this original American musical form.

### Autograph Party

Local author, Loren Nicholson (former Journalism instructor) will be at El Corral Bookstore during Poly Royal. Autographed copies of his book "Rails Across the Ranches" and his new book "San Luis Obispo County Pathways" will be available. Faculty, staff, and visitors are invited to drop in and chat with Nicholson between 2 pm and 3 pm, Friday and Saturday (April 24-25).

### University Club barbecue

The annual Cal Poly University Club family barbecue will be held on Thursday (May 7) at Cuesta Park. The menu will be beef ribs, beans, salad and bread. Serving will begin at 5:30 pm. Club members need to make reservations and purchase tickets by May 4. Adult tickets are $2 and children under 12 are $1. See one of the following for tickets:

- Dodie Imel (Library) Ext. 2403
- Barbara Ciesielski (General Office) Ext. 2181
- James Neelands (Science and Math) Ext. 2027
- Royce Lambert (Soil Science) Ext. 2807

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**CAL WESTERN LIFE/ OCCIDENTAL LIFE**

b. Sign "Authorization to Release Information" in Part B of claim form. Sign "Authorization to Pay Benefits to the Physician" if benefit payments are to be made directly to the provider.

c. Have the doctor complete Part C of claim form or attach an itemized bill showing this information.

2. If filing a claim for a previously reported illness or injury:

a. Submit related bills for up to 12 months without a new claim form. Identify each bill with (1) employee's name; (2) employer's social security number; (3) patient's name; (4) employer's name.

b. Only one claim form is needed for each illness or injury. One form covers both Basic and Major Medical Benefits. Attach all related bills from each provider of services or supplies (doctors, hospital, pharmacy, laboratory, etc.).

4. Prescription Drugs

a. Drug receipts are sufficient if they include: (1) patient's name; (2) date of purchase; (3) name of drug; (4) employee's name and social security number; and (5) name of prescribing doctor.

b. If more convenient, the "Licensed Pharmacist Statement" (Form 9641) may be used. Subscribers may take a form to the pharmacist each time you purchase a prescription drug and ask them to enter the required information and sign the form.
Two photographic exhibits at CSUC

Two photographic exhibits will be on display in the CSUC headquarters in Long Beach—an exhibit of two broad sections of photographs, taken by Eric Johnson (Art) at Cal Poly is on view through Apr. 30 in the first-floor hallway.

The first section of this exhibit, entitled Ground Management [Golf], features a selection of black and white images which explore the nature of edges and the transitions between the fairway and green where the grass has been cut to different lengths. It also reflects a metaphor for wilderness in an urban environment.

Section two of Johnson’s exhibit, Duskwork, deals with color photographs of neon display advertising seen against the blue dusk light in the sky. An overlay of strobe flash light is often used with various filters to throw out colored light on foreground areas. Johnson, a former golfer, received his master of arts degree and master of fine arts degree from the University of Mexico. His photographs have been exhibited in one-man shows in California and Europe.

A second photographic exhibit, Graphic communications, was assembled under the direction of Professor Guy Thomas, acting head of the Graphic Communications class working with a process camera, color separation, offset preparation, production control, and estimating and sales. The exhibit was on display at the Gutenberg Festival, a printing industry show, at the Long Beach Convention Center from Apr. 2-5. A descriptive booklet of the exhibit will be available for those viewing it at the headquarters through Apr. 20.

STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Contact the Personnel Officer to obtain an application. The 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. All interested persons are encouraged to apply.

Departmental Secretary 1-Stenography, $1043-1248/month, Educational Services and Institutional Research Departments. Duties: Secretary/Receptionist to Associate Dean of Educational Services and Director of Institutional Research. Organize, manage heavy clerical workload; responsible for a variety of assignments associated with production of class schedule and with the articulation program between the university and the community colleges. Ability to coordinate appointments, use modern dictating and word processing equipment; technical and statistical typing, filing and other general office duties as assigned; supervise student assistants. Requirements: Three years of responsible clerical experience with a wide range of duties, type 45 wpm, shorthand 80 wpm. Education beyond high school desirable. Must have taken the General Clerical Test by the closing date of: 5/1/81.

FACULTY VACANCIES

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton (Director of Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. 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. All interested persons are encouraged to apply.

CORRECTION

Lecturer, $3464-$9084/quarter; salary based on 15-unit load and will be adjusted according to assignment. Engineering Technology Department, School of Engineering and Technology. Openings are anticipated from time to time during the 1981-82 academic year. Position available on a part-time basis for Fall, Winter and Spring Quarters. Duties and responsibilities include teaching sections of Fundamentals of Engineering courses. Requirements: Master’s degree in appropriate discipline within the past 10 years desired; Ph.D. in appropriate discipline preferred. Closing date: 5/1/81.

Part-Time Lecturer(s), salary commensurate with qualifications and experience, Aeronautical and Mechanical Engineering Department, School of Engineering and Technology. Possible temporary part-time position(s) as determined by need during the 1981-82 academic year, beginning Summer Quarter. Teaching assignments in basic mechanical and/or aeronautical engineering courses. Candidates must have a bachelor’s degree in engineering, teaching or industrial experience. Master’s degree and/or professional registration is preferred. Closing date: 5/1/81.

Part-Time Lecturer, salary commensurate with qualifications and experience and will be adjusted according to assignment and qualifications, Metallurgical and Welding Engineering Department, School of Engineering and Technology. Part-time teaching position available for the 1981-82 academic year. Position available on a part-time fee at 1.5-2.5 units per quarter. Duties and responsibilities include teaching a varying number of units in metallurgical engineering lab classes in heat treating, metallurgy, corrosion control, failure analysis, non-destructive examination procedures, etc. Bachelor’s degree in Metallurgical Engineering and current equivalent industrial experience desirable. Professional engineer’s registration desirable. Position available September, 1981. Closing date: 5/15/81.
Part-Time Lecturers, salary commensurate with qualifications, experience and teaching load, Environmental Engineering Department, School of Engineering and Technology. The department is compiling a list of persons who wish to be considered for possible part-time teaching assignments during either the Fall, Winter, Spring, or Summer Quarters of the 1981-82 academic year. Courses include heat transfer, HVAC, solar energy utilization and environmental engineering laboratory. Closing date: 5/6/81.

Part-Time Lecturer, salary commensurate with qualifications and teaching load, Speech Communication Department, School of Communication Arts and Humanities. Probable openings for Summer and Fall Quarters 1981; Spring and Summer Quarters 1982. Duties include teaching a course in either Children's Theatre or Oral Interpretation of Children's Literature. M.A. or M.F.A. with specialization in either Children's Theatre or Oral Interpretation required. Applicants with a record of successful college-level teaching in these courses are preferred. Closing date: 5/18/81.

Lecturer (Assistant Professor level), salary commensurate with applicant's experience and qualifications, Psychology Department, School of Human Development and Education. Position available for the 1981-82 academic year. Duties include participation in a team-taught introductory course, comparative and physiological psychology, learning and motivation, effective study techniques, and the behavioral effects of drugs and alcohol. Requirements: Ph.D. in Psychology from an accredited college or university. Closing date: 5/30/81.

Part-Time Lecturer, salary commensurate with qualifications and experience, Psychology Department, School of Human Development and Education. Part-time teaching during Fall, Winter, Spring, and Summer Quarters 1981-82. Teaching assignment could include courses in introductory psychology, childhood disorders, assessment of learning disabilities, death and dying, environmental psychology, behavior in organizations, physiological, and learning and motivation. Preference will be given to applicants with appropriate academic preparation and experience. Requirements: Ph.D. in Psychology from an accredited college or university. Closing date: 5/15/81.

FACULTY VANCANCIES

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Richard J. Krejsa, Biological Sciences, attended the Quarterly meeting of the Solar Cal Council's Local Government Commission on Conservation and Renewable Resources held in Santa Barbara on Feb. 27. Dr. Krejsa was founding member of the Local Government Commission which was appointed by Governor Brown to encourage and coordinate activities of local governments in energy conservation and legislation favoring renewable resource technologies.

Lynn M. Jamieson, Thomas J. Lee, and Robert E. Meyers Jr., all Recreation Administration, participated in the March 1981 California and Pacific Southwest Recreation and Park Conference in San Diego. Dr. Jamieson, as a panelist, presented research findings on her doctoral dissertation titled "A Competency Analysis of Recreational Sports Personnel in Selected Institutional Settings." Dr. Meyers, as president of the California Society of Park and Recreation Educators, chaired the education meeting.

Eric Johnson, Art, has a series of landscape photographs included in the book New Landscape, published by The Friends of Photography, Carmel. March 1981. The work of nine photographers from throughout the nation is included in the volume.

Shirlene Soto, History, served as a member of a proposal review and funding panel, National Endowment for the Humanities, in Washington, D.C., March 9-11. This panel recommends proposals for funding for the fiscal year 1981-82. Dr. Soto also attended the annual meeting of the American Association for Higher Education, March 4-6, in Washington, D.C.

Louis W. Harper and Frank Thrasher, both Crop Science, attended an Alfalfa Seed Production Symposium on March 10, in Fresno. The meeting was sponsored by the University of California Cooperative Extension and California Alfalfa Seed Production Research Program.

Neal Townsend, Mathematics, attended a CSUC Mathematics Dissemination Workshop on "Active and Interactive Modes of Learning" at the Westerbeke Ranch near Sonoma March 12-14.

Verlan Stahl, Odile Clause, Ana Naunin de Hartig, Joan Knight, Bianca Rosenthal, Claudio Silva, all Foreign Languages, and Janine Erny, exchange faculty from France, attended the American Association of Teachers of French Conference at Harvard on March 14. John Rassias, originator of the Dartmouth Method of teaching foreign languages, was guest speaker.

Lyn Boulter, Child Development/Home Economics, presented a workshop titled "Helping the Social Isolate Form Friendships and Social Relationships" at the California Association for the Education of Young Children Conference held in Anaheim, March 13-15.

Stu Goldenberg, Mathematics, attended the Northern California Section of the Mathematics Association of America at the University of Santa Clara, March 14.

Royce Lambert and David Leszczynski, Soil Science, attended the Conservation Tillage Workshop held in Paso Robles on March 24.

Louis W. Harper, Crop Science, attended the California Seed Association's 41st Annual Convention on March 26, in Napa. He is a member of the youth activities committee.

Nancy Jorgensen, Health Center, presented testimony before the state legislature Criminal Justice Committee on proposed MDSO (mentally-disordered sex offender) legislation at a hearing on March 27 at Atascadero State Hospital. Ms. Jorgensen represents the public on the state hospital advisory board.

Bruce Kennelly, Chemistry, has been appointed consultant to the U.S. Dept. of Energy and participated on a Technical Review Panel at California State University, Fullerton, April 7. The consultants will select projects for funding under the Energy Technology Grants Program from over 600 university and industrial applicants. He has also been appointed to the Technical Advisory Panel to the California State Department of Food and Agriculture and is director of the Cal Poly Alcohol Fuel Project.

David G. Williamson, Chemistry, is co-author of "Catalytic Research in Thermochemical Water-Splitting Processes" in Catalysis Reviews and co-inventor of U.S. Patent 4,258,026 on "Hydrogen Iodide Decomposition." These publications resulted from Dr. Williamson's sabbatical work on production of hydrogen and oxygen as a fuel source from water at General Atomic Company in 1975-76.

Larry Wolf, Director, Financial Aid, has been elected to the Executive Committee of the Financial Aid Division of The College Board Western Regional Assembly.

Robert Reynolds, Art, and his wildlife art was the subject of a recent television program produced by Santa Barbara television station, KEYT. The thirty minute program, KEY-3 morning show, hosted by Gene Forselle, highlighted over 25 paintings by Reynolds.