

### Hewlett-Packard official to speak today at 3 pm

John L. Doyle, executive vice president of Hewlett-Packard Co. and a charter member of Cal Poly's President's Cabinet, will be on campus today to explain why industry needs employees who know "a little bit about everything." Doyle was the commencement speaker at last year's fall graduation, and will explore the need for a well-rounded education at 3 pm in UU 204. All faculty, staff and students, are invited to attend.

The lecture is the first in a series titled "A Worldly View of Education — Why A Well-Rounded Education Increases Success in the Work Place." It is sponsored by the President's Cabinet.

### Astronaut, CSU Chancellor to speak March 1

Astronaut Rhea Seddon and CSU Chancellor W. Ann Reynolds will be among the featured speakers at a Cal Poly conference in March.

The conference, "Step Into the Future," will be held on March 1. It was formerly called "Women as Professionals." The program is aimed at Central California junior high, high school and community college women and their parents.

Dr. Seddon, a surgeon as well as an astronaut, is married to Robert L. (Hoot) Gibson, a space shuttle pilot and Cal Poly alumnus. He was the June Commencement speaker in 1984. Seddon will be the keynote speaker.

CSU Chancellor Reynolds will be the luncheon speaker. The conference program will consist of small group presentations and workshops. Sessions will include: Math and Science, Liberal and Performing Arts, Engineering, Agriculture, Business, and Applied Professions.

Sessions for parents will include: Career Planning, Financial Planning for College, Computer Literacy, and Dual Career Couples.

For additional information please contact Carole Moore, Counseling Services, ext. 2511, or Shel Burrell, Placement Center, ext. 2501.



### Ag labor board official to speak

Recent changes in the rules governing labor-intensive farm operations in California will be the topic when Dave Stirling, general counsel of California's Agricultural Labor Relations Board, speaks on campus today (Nov. 14).

The program will begin at 7 pm in Chumash Auditorium. Stirling is a former Republican assemblyman who represented the 64th district in the southeastern part of Los Angeles County.

His address is being sponsored by the student Agricultural Business Management Club, Farm Management Club, and National Agri-Marketing Association.

### Fall Commencement scheduled for Dec. 14

The Fall Commencement will be held in the Physical Education Building Gymnasium, 10 am, Saturday, Dec. 14. Nearly 400 students, who have completed their degree requirements since last June, have indicated an intent to participate in the ceremony.

A limited number of candidates, graduating at the end of next Winter Quarter and who will not be in the area next June, will be allowed to participate providing they make arrangements at the El Corral Bookstore Grad Center before noon on Monday, Nov. 18. Each candidate who goes through the ceremony will be given six guest tickets.

Faculty should notify their department heads if they wish to participate in the ceremony. They must be dressed in full academic regalia. Faculty who wish guest tickets for admission to the ceremony should contact the Educational Services Office.

Following the Commencement ceremony, a reception will be held for all participants and their guests at Chumash Auditorium.



### Aloha reception

There will be an Aloha coffee and cake reception for Jacques C. Sabto (Electronic and Electrical Engineering) today (Nov. 14) from 2-4 pm in Staff Dining Room B.

### CSU collective bargaining items made public

Trustee procedures require that copies of management's proposals and the exclusive representatives' proposals be made available to the public in the main library at each campus.

Janet L. Pieper, director of Personnel and Employee Relations, has forwarded to the Reserve Room of the Robert E. Kennedy Library copies of the initial collective bargaining proposals submitted by the board of trustees to the California Faculty Association.

A copy of these proposals is also available in the Personnel Office.

### Availability of annuity, deferred compensation plans

Employees are reminded that tax sheltered annuity/deferred compensation plans are available through payroll deduction. These plans enable employees to set aside savings from their salaries with no income tax being paid on the amount saved or on any interest earned until withdrawal.

As these funds accumulate in investments and savings on the employee's behalf, the possibility of financial independence at retirement increases. Taxes will only be payable when the accumulated funds are actually paid to an employee or beneficiary. These funds are usually withdrawn after retirement, when the taxpayer is often in a lower income bracket and therefore qualifies for lower tax rates.

#### Tax Sheltered Annuity (TSA)

All faculty, regardless of time base, and all staff employed on a full-time basis are eligible to participate in the TSA program. TSA agreements must be received in the Personnel Office before the

first of the month in order to be deducted from the next month's paycheck. Nov. 27, 1985, is the deadline for the check dated Jan. 1, 1986, which will be the first check issued for the 1986 tax year.

#### Deferred Compensation

All faculty and staff are eligible to participate in the Deferred Compensation program. Deferred Compensation enrollment forms are available in the Personnel Office. The Department of Personnel Administration in Sacramento must receive the enrollment forms by the end of each month in order for the amount to be deducted from the next month's paycheck. Nov. 27, 1985, is the deadline for the check dated Jan. 1, 1986.

For additional information on these programs, contact the Personnel Office at ext. 2236.

### Cameras, processors given to department

Two LogE/Robertson micro digital vertical cameras and a LogEline 25 rapid access processor have been donated to the Graphic Communication Department. The gift, valued at \$25,000, was made by LogEtronic Inc. of Springfield, Va.

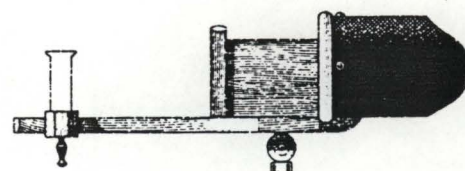
The state-of-the-art computerized cameras, featuring on-line densitometers, are programmable in 100 different ways and include 50 halftone programs and 50 line-work programs.

They will be used in the Graphic Communication Department's graphic arts photography laboratory under the supervision of Joseph Truex.

The equipment will be used for on-going instruction for the department's 345 majors and in seminars and workshops for professionals from the graphic communication industry who rely on Cal Poly for continuing education.

In addition, the cameras and processor will be available to the

department's University Graphic Systems. The cameras electronically produce high quality and high resolution negatives and positives for application in the printing processes and can also be used for modification of original artwork for reproduction.



### Electro-optics program initiated

An elective program in the fast-emerging, high-tech area of electro-optics and optical communications has been initiated in the Electronic and Electrical Engineering Department with a long-term goal of developing an interdisciplinary electro-optics institute.

Several courses have been developed. The first to be offered was fiber optics last spring. Dr. Michael Wollman, program leader, said student interest is high.

Students initiated an electro-optics club, which has become the first student chapter of the international Society of Photo-Instrumentation Engineers. An article on Cal Poly's program appeared in the October issue of the SPIE newsletter.

An electro-optics lab is being developed with industry help. Hewlett Packard, Spectra Physics and Photodyne are among the donors.

Department Head Jim Harris said he expects electro-optics offerings to become a major attribute of Cal Poly's electronic engineering program.



## Bandfest '85 will be held Nov. 22

The Cal Poly Marching Band, the University Jazz Band, the University Symphonic Band, and the Cal Poly Dixieland Band will all be featured in Bandfest '85 on Friday, Nov. 22.

The program at 8 pm in Chumash Auditorium will feature William Johnson on the podium for the Marching and Symphonic Bands, and Graydon Williams leading the Jazz Band.

The evening's guest artist will be Loren Marsteller, a Los Angeles-based trombone and euphonium player. He has performed for the sound tracks of a number of TV and motion picture productions, and is a member of the Glendale and Santa Monica Symphonies.

Bandfest '85 will be the only time during the year when Cal Poly's entire band program will join forces for one spectacular evening.

The Marching Band will open the concert with a musical review of its football half time performances. The Jazz Band will close the first part of the program with several contemporary and big band jazz selections.

After intermission the Symphonic Band will open with pieces by Dimitri Shostakovich and Robert Russell Bennett. After the Dixieland Band performs, the group will share the spotlight with the Symphonic Band for a Dixieland medley. The finale will find all four bands on stage for Russian Christmas Music by Alfred Reed.

Tickets for the Nov. 22 program are \$5 for the general public, and \$3 for students and senior citizens. They will be available from band members, as well as at the UU Ticket Office on campus and Cheap Thrills in San Luis Obispo.

Bandfest '85 tickets may be reserved by calling ext. 2556 or ext. 2607 daily from 8 am to 5 pm. Season tickets for the three '85-'86 concerts of the Symphonic and Marching Bands are also available at a 20 percent savings.

The bands will host a reception immediately following the concert. The program is sponsored by the School of Communicative Arts and Humanities, Music Department, and ASI.

## One-man show to bring Einstein to life Nov. 23

A one-man show that brings to life the human side of one of the world's greatest minds will be presented at 8 pm, Saturday, Nov. 23, in the Cal Poly Theatre.

Ed Metzger stars as "Albert Einstein: The Practical Bohemian" in a show that portrays the man as few know him — a confused and troubled father, an ardent pacifist, and a womanizer, as well as a warm, sensitive, and funny man.

Advance tickets are \$5 for students, children, and senior citizens, and \$6 for adults. Prices will be \$1 more at the door.

Adult tickets may be purchased at all outlets of Boo Boo Records and Cheap Thrills, and at the San Luis Obispo Chamber of Commerce. All tickets can be purchased at the UU Ticket Office.

Metzger's performance is a presentation of the Fine Arts Committee of the ASI. For further information call ext. 1154.

During the performance the Doolittles will demonstrate several pre-Columbian Indian instruments of Latin America, including the charango, bombo, kena, ocarina, flauta, and zampona. They will also take time to explain their music and the instruments.

Tickets for the Nov. 20 program by Condor are priced at \$3. They will be available at the door. The program is being co-sponsored by the Fine Arts Committee and Multi-Cultural Center, both organizations of the ASI. For further information call ext. 1154 or ext. 1405.

## Communication group to meet

The next meeting of the Council for Communication Disciplines will take place on Friday (Nov. 15) at 1 pm in Fisher Science 292.

The discussion topic will be "Converging Communication Technologies," and its influence on the quality of life for American citizens, and particularly for Cal Poly students.

Harvey Levenson of the Council's Human Communication Technology Committee will lead the discussion. All members of the Cal Poly community are invited to attend and to share views on the discussion topic.

## Traditional Latin music will be played on Nov. 20

The musical group "Condor" will appear at 8 pm, Wednesday, Nov. 20, in the Cal Poly Theatre for an evening of traditional Latin American music.

Condor is composed of two musicians, Teresa Viega Doolittle and her husband, David.

## Holiday schedule

There will only be three more issues of the *Cal Poly Report* for the Fall Quarter. An issue will be published next week (Nov. 21), but no issue will be published Thanksgiving week.

In December the *Report* will be published twice—Thursday, Dec. 5 and Thursday, Dec. 12. The first issue of the Winter Quarter will be Thursday, Jan. 9, and copy is due on Thursday, Jan. 2.



## **Mission Concert, lecture planned for Nov. 21, 22**

A concert in the Mission San Luis Obispo de Tolosa and a lecture the following evening will conclude the Fall Quarter segment of the 1985-86 Arts and Humanities Series.

On Thursday, Nov. 21, Jennifer Sayre and Craig Russell will perform music from the Spanish New World at 8 pm in the San Luis Obispo mission.

The concert is a unique preview to a lecture the following evening, Friday, Nov. 22, with Robert M. Stevenson, professor of music at UCLA, and one of the world's leading scholars on the music of the Spanish New World and the music of Spain. He will discuss "The Music of Colonial California" at 7:30 pm in UU 220.

Both programs are part of the "California Vision" series sponsored by the School of Communicative Arts and Humanities.

The Thursday concert will feature guest artist Jennifer Sayre on harp and Renaissance harp, and Craig H. Russell of the music faculty on baroque guitar, vihuela, and classical guitar.

The program opens with several dances by the Spanish guitarist Gaspar Sanz. His works are found in numerous sources from the Spanish colonies in the late 17th and early 18th centuries. For this part of the program Sayre will play a small harp common in colonial times, and Russell will play the vihuela, a 12-string instrument with five sound holes resembling a guitar in its general shape.

The duo will also perform three sonatas by Vargas y Guzman, one of the great Mexican composers and guitarists of the late 18th century. Both artists will also play solo works. Russell will perform a suite arranged for baroque guitar by the Spanish and Mexican composer Santiago de Murcia. It is an arrangement from

two violin sonatas by Arcangelo Corelli.

The Nov. 21 mission concert is free and the public is welcome.

Dr. Stevenson's talk on Nov. 22 will deal with musical research, giving special emphasis to the music of San Luis Obispo County. The 69-year-old New Mexican native recently completed most of the entries in the famed New Grove Dictionary of Music and Musicians on composers and music activities in California as well as most of the entries concerning Spain, South America, Central America, and many for North America.

Acclaimed as one of the great musicologists of his age, the UCLA professor is the founder and editor of the scholarly journal *Inter-American Music Review*.

A prolific author his books include *Music in Mexico*, *Spanish Music in the Age of Columbus*, *Renaissance and Baroque Musical Sources in the America and Latin American Colonial Music Anthology*.

His Nov. 22 talk is free, and the public is welcome.

## **Computer storage systems given to OH Department**

The Ornamental Horticulture Department is now able to use hard-disk computer storage for the teaching materials of its faculty, as well as its correspondence, alumni mailing lists, and other files as a result of a Texas firm's gift.

Valued in excess of \$5,000, the recent donation from Commercial Drywall Inc. of Houston, includes two 20-megabyte hard disk storage systems and a multiplexer.

Ron Regan, head of the OH Department, said the gift has made it possible to eliminate the floppy disks that had been used to store files developed on the department's microcomputers. The larger capacity of the new systems should meet its needs for at least

the next two years, he added.

Regan said Commercial Drywall's gift stems from the interest of its president, Ralph S. Marek, in the newly developing field of plant tissue culture.

## **Ex-teacher's book on African culture available by mail**

A former Cal Poly faculty member's 25-year study of the ethnobotany of a southwest African people has been published posthumously and is available for purchase from the Missouri Botanical Garden in St. Louis.

Dr. Robert J. Rodin wrote "The Ethnobotany of the Kwanyama Ovambos" before his death in 1978.

Ovamboland, a broad, flat, sandy plain at the northern edge of Namibia (South West Africa), has no permanent rivers, but its frequently flooded soils are fertile and easily cultivated. Rodin's book examines the unique culture the Kwanyama Ovambos developed in that environment.

The volume summarizes Rodin's extensive study of the people and their homeland from both ethnographic and botanical points of view. It discusses various aspects of Ovambo culture and reviews the important roles plants play, as well as cataloging plants used by the Ovambos.

Rodin taught in Cal Poly's Biological Sciences Department from 1953 to 1976. His varied and extensive experience also included service as a ranger naturalist in Yosemite National Park, participation in a University of California African expedition, and teaching in Pakistan and India.

The 163-page book is available for \$17.68 prepaid and postpaid, from: Department Eleven, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166.



## Who, What, Where, When

**Phil Adams**, *Economics*, has been invited to present a paper next April at a conference jointly sponsored by the Goldwater Foundation and the Economics Department at Arizona State University. His paper will look at the current "comparable worth" controversy.

**M. Zafar Iqbal**, *School of Business*, has agreed to serve on the Advisory Board of the University of Nebraska School of Accountancy. He has also been elected to serve on the Project Committee of the Advisory Board.

**Tomlinson Fort**, *Provost*, has been re-elected for a fourth term on the Council of the American Chemical Society. His constituency is the 2000-member Division of Colloid and Surface Chemistry.

**Joanne Beale Ruggles**, *Art*, has had three of her monoprints selected for inclusion in the II Cabo Frio International Print Biennial in Brazil.

**Abraham Shani**, *Management*, published a paper, "Organization Inquiry: Toward a New Model of the Action Research Process," in a book, *Contemporary Organization Development: Current Thinking and Applications*, published by Scott, Foresman and Company.

**Philip Potts Sr.**, *Animal Sciences and Industry*, has been appointed to the Poultry Science Association's Standing Committee on Teaching for a three-year term.

**Lynn Jamieson**, *Physical Education and Recreation Administration*, gave the keynote address, "The Intern: First Step in a Career Path," at the Western Region VII National Employee Services and Recreation Association conference in Monterey.

**Donald Floyd**, *Social Sciences*, was awarded a special certificate for his work as faculty advisor of Pi Gamma Mu, international honor society in social science.

**Kenneth Riener**, *Business Administration*, was one of three authors of an article, "A National Survey Study of Bank Services and Prices Arranged by Size and Structure," in the summer issue of the *Journal of Bank Research*.

**Linden Nelson**, *Psychology and Human Development*, and **George Beardsley Jr.**, *Economics*, had an article, "Toward an Interdisciplinary Model of Barriers to Nuclear Arms Control," accepted for publication by the *Social Science Journal*.

**Robert McCorkle**, *Ag Management*, had a paper, "European Market Potential for Select African Fruit and Vegetable Commodities," published through the African Bureau of the U.S. Agency for International Development.

**Bianca Rosenthal**, *Foreign Languages*, was listed as a participant in the survey of approaches to teaching Albert Camus' "The Plague," published by The Modern Language Association of America.

**Laurence Talbott**, *Industrial Technology*, published an article, "Thoughts on Plant Engineering Education," in the September issue of *Plant Services* magazine.

**Virginia Walter**, *Ornamental Horticulture*, handled the arrangements for the fall meeting of the Joseph Shinoda Memorial Scholarship Foundation board meeting at Cal Poly. She is a member of the board.

**Sandra Davis Lakeman**, *Architecture*, presented "Natural Light and the Italian Piazza," her multi-projector photographic study of that subject, at the Arizona Historical Society in Tucson. The program was sponsored by the society, the Tucson's Women's Design Network and the University of Arizona's College of Architecture.

**Rudy Dressendorfer**, *Physical Education & Recreation Administration*, presented a paper, "Does Thrombolytic Reperfusion Enhance Training-Improved Aerobic Fitness after Myocardial Infarction?" at the annual meeting of the American College of Chest Physicians in New Orleans.

**Roger Swanson**, *Enrollment Support Services*, presented a program, "Building Teamwork for Success," at the National Orientation Directors Association annual conference in Scottsdale, Ariz.

**Frances Parker**, *Home Economics*, was interviewed for the videotape series, "Conversations with Leaders in the Field of Home Economics," at the Learning Resource Center, San Diego State.

**Joanne Beale Ruggles**, *Art*, will be showing one of her monoprints in early 1986 at the Museo Carrillo Gil, Mexico, D.F., as part of the continuing international tour of the "Prints USA" exhibition.

**Patrice Engle**, *Psychology & Human Development*, presented a paper, "Intersecting Needs of Work-

ing Mothers and Children," at the International Center for Research on Women in Washington, D.C., in conjunction with the Carnegie Foundation.

**D.B. Smith**, *English*, spoke on "Technical Writing and Humanism: Axioms for English in a Technical Age" at the annual meeting of the California Association of Faculty in Technical and Professional Writing at Whittier College.

**Rudy Dressendorfer**, *Physical Education & Recreation Administration*, presented a paper, "False-Positive Cardiac Isoenzyme Elevations During a 'Crash' Jogging Program in Healthy Soldiers," at the annual meeting of the American College of Chest Physicians in New Orleans.

**David Englund**, *Psychology and Human Development*, has been appointed a validator by the National Academy of Early Childhood Programs, a division of the National Association for the Education of Young Children. The Academy administers the national accreditation system for early childhood education programs.

**Lynn Jamieson**, *Physical Education & Recreation Administration*, published an article, "Financing in the Leisure Industry," in the October 1985 issue of *Parks and Recreation*, a publication of the National Recreation and Parks Association.

**Laurence Talbott**, *Industrial Technology*, presided over the 18th annual conference of the National Association of Industrial Technology at Indiana State University.

**Kenneth Kline**, *Ornamental Horticulture*, was recently elected vice chairman of the Certification Board of Governors of the National Irrigation Association. Over 120 persons have completed the organization's new certification program and another 438 are pursuing certification. Kline will become chairman of the board next year.

**Frank Hendel**, *Aeronautical Engineering professor emeritus*, presented an illustrated lecture on "The Next 100 Years in Space," dealing with civilian aspects of space exploration including space stations and settlements on the moon, at a meeting in Pismo Beach of the Vandenberg Section of the American Institute of Aeronautics and Astronautics.



### Dateline. . . .

(\$) - Admission Charged

(!) - Admission Free

#### THURSDAY, NOVEMBER 14

**Grand Opening:** Cardillo/Gulliver's Travel Centre, UU 102. Join the celebration and register to win one of many prizes in the drawing. Come see what trips are being planned. (!)

**Speaker:** Antoni K. Oppenheim (UC Berkeley) will discuss "The Beauty of Combustion and its Technological Significance." Fisher Science 286, 11 am. (!)

**Meeting:** International Programs Information. Refreshments will be served. UU 220, 11 am. (!)

**University Club:** Tim O'Keefe (NRM) will discuss "NASA." Staff Dining Room, noon. (!)

**Play:** "Guys and Dolls." Continues Friday and Saturday, Nov. 15 and 16. Theatre, 8 pm. (\$).

**Craft Sale:** Anyone interested in selling their crafts at the Craft Center's 15th Annual Christmas Sale should apply now at the Craft Center, UU 111, or call ext. 1266. (!)

#### FRIDAY, NOVEMBER 15

**Mystery Trip:** Only your leader knows where you are going. Guaranteed to be fun. Sponsored by ASI Outings. Details in the Escape Route, UU 112, or call ext. 1287. (\$)

**Film:** "Gremlins," continues on Saturday, Nov. 16, Chumash. (\$)

**Wrestling:** UC Davis, Main Gym, 7:30 pm. (\$)

#### SATURDAY, NOVEMBER 16

**Cultural Odyssey:** Explore Solvang and Chumash caves, taste traditional Danish food. Continues through Sunday, Nov. 17. Sponsored by ASI Outings. Details in the Escape Route, UU 112, or call ext. 1287. (\$)

**Wrestling:** J.C. and Collegiate Tournament, Main Gym, all day. (\$)

#### TUESDAY, NOVEMBER 19

**Presentation-Demonstration:** A sound-and-slide production by Yukiko and Bob Haydock of San Francisco (she is a Japanese culinary expert, he a graphic designer) will reveal the secrets of "Japanese Garnishes: The Ancient Art of Mukimono." Students of SAED will demonstrate them. Architecture Gallery, 7:30 pm. (\$)

**Travel Club:** Join us for slides, travel information and fun. Sponsored by the new Travel Club. UU 220, 6 pm. (!)

#### WEDNESDAY, NOVEMBER 20

**Concert:** Condor will perform in the Theatre, 8 pm. (\$)

#### THURSDAY, NOVEMBER 21

**University Club:** Sam Lutrin (Activities Planning Center) will discuss "Under Fire: Notes on Student Life in Israeli Universities." Staff Dining Room, noon. (!)

**Speaker:** Geoffrey Broadbent (Portsmouth Polytechnic University, England) will discuss "Meaning in Architecture." Architecture Gallery, 7:30 pm. (\$)

**Rock Climbing:** "Learn the ropes" of basic rock climbing techniques. Sponsored by ASI Outings. Details in the Escape Route, UU 112 or call ext. 1287. (!)

#### FRIDAY, NOVEMBER 22

**Volleyball:** UC Santa Barbara, Main Gym, 6:30 pm. (\$)

**Speaker:** Robert Stevenson (UCLA) will discuss "California Music History: An Unworked Gold Mine," as part of the Arts and Humanities Lecture Series. UU 220, 7:30 pm. (!)

**Bandfest:** Cal Poly's bands and guest artist Loren Marsteller of Los Angeles will perform. Chumash, 8 pm. (\$)

**Men's Basketball:** College of Notre Dame, Main Gym, 9 pm. (\$)

### Position Vacancies

Vacant staff positions at Cal Poly State University and the Cal Poly Foundation are announced in this column and are posted outside the respective offices. Contact those offices (State: Adm. 110, 805-546-2236—Foundation: mobile unit near the Fire Department (805-546-1121) for applications and additional position details. Both Cal Poly and the Foundation are subject to all laws governing affirmative action and equal employment opportunity. All interested persons are encouraged to apply.

State

CLOSING DATE: 12-2-85

**Equipment Technician I,** \$959-\$1153/month; half-time, Art.

**Secretary-B,** \$1496-\$1772/month, Procurement and Support Services.

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Candidates for positions on the faculty of the university are presently being sought, according to Jan Pieper, director of personnel and em-

ployee 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.

CLOSING DATE: 1-30-86

**Tenure-Track Position,** rank and salary commensurate with qualifications and experience, Sociology, beginning in either Spring or Fall Quarter 1986. Specialization in ethnic relations with a commitment to excellence in undergraduate teaching. Ph.D. in Sociology desirable, but advanced ABD candidates may be considered. Women and minorities are strongly encouraged to apply. Applicants should send vita and three letters of reference to: James W. Coleman, Chair, Social Sciences.

CLOSING DATE: 2-1-86 or until position filled

**Lecturer:** salary based upon a Lecturer B, Step 1 level, Electronic and Electrical Engineering, available Summer Quarter 1986 to teach undergraduate courses. Minimum requirements are an M.S. degree in Electronic, Electrical or Computer Engineering, and candidacy in a Ph.D. program in electronic, electrical or computer engineering.

CLOSING DATE: 2-14-86

**Department Head,** salary commensurate with qualifications and experience, Metallurgical Engineering (approximately 35% administration/65% teaching). Tenure track position available September 1986. The successful applicant must have: 1) an earned doctorate in Metallurgical Engineering or Materials Engineering; 2) significant full time university teaching experience in metallurgical or materials engineering; 3) significant relevant industrial experience, either full time or through consulting; 4) a strong commitment to engineering education; 5) a reasonable record in research and/or development and scholarly achievement; 6) experience in resource development from private, state or federal sources.