



4-1-1972

Pacific Review April 1972

Pacific Alumni Association

Follow this and additional works at: <https://scholarlycommons.pacific.edu/pacific-review>



Part of the [Higher Education Commons](#)

Recommended Citation

Pacific Alumni Association, "Pacific Review April 1972" (1972). *Pacific Magazine and Pacific Review*. 227.
<https://scholarlycommons.pacific.edu/pacific-review/227>

This Newsletter is brought to you for free and open access by the Publications at Scholarly Commons. It has been accepted for inclusion in Pacific Magazine and Pacific Review by an authorized administrator of Scholarly Commons. For more information, please contact mgibney@pacific.edu.



PACIFIC REVIEW

UNIVERSITY
OF THE PACIFIC

APRIL, 1972

STOCKTON, SAN FRANCISCO,
SACRAMENTO, CALIFORNIA
COSTA RICA • JAPAN • INDIA

COLLEGE OF THE PACIFIC / RAYMOND COLLEGE / ELBERT COVELL
COLLEGE / CALLISON COLLEGE / CONSERVATORY OF MUSIC /
SCHOOL OF EDUCATION / SCHOOL OF PHARMACY / SCHOOL OF
ENGINEERING / SCHOOL OF DENTISTRY / McGEORGE SCHOOL
OF LAW / SCHOOL OF MEDICAL SCIENCES / GRADUATE SCHOOL

Presidential Task Forces Named for UOP Self-Study

President Stanley McCaffrey has announced the formation of four groups that will conduct a penetrating study of educational goals, governance, intercollegiate athletics and student affairs at Pacific.

UOP students, faculty, staff and alumni will be represented on the groups, which were created by the president "to assure that we are functioning in the most effective way and that we are channeling our efforts in the direction in which we wish to move in the future."

Each group will contain approximately 25 members, and McCaffrey stated he is hopeful their work will be completed by November.

A Commission on University Educational Goals will look at Pacific's role as an independent university of moderate size in relation to the functions of other public and private educational institutions. "The mission of this commission," McCaffrey explained, "will be to review our academic situation in the light of traditional values, the economic constrictions, recent developments and future opportunities, and to endeavor to develop recommendations which will be helpful for the future."

The President's Committee on Governance, which was started by the late President Robert Burns, is being reactivated because of a desire by McCaffrey that there be "broad participation of all members of the University community in the process of development of University policies. This committee will function to assure that we are organized properly to provide for full participation in an orderly, effective process of policy consideration and development," he said.

The "traditionally important role" of intercollegiate athletics will be studied by a Presidential Task Force as an "objective analysis of intercollegiate athletics at our institution." McCaffrey acknowledged that strong feelings exist toward athletics on the campus, particularly toward football, but he stressed that the study is neither to "kill football" or "save football."

"As interested as I am in sports, I want to see the subject studied thoroughly and objectively," he explained. "I expect this to be a thorough analysis of our own situation, and of ours in relation to that of other institutions. It should explore any and all possibilities, including the economic effect of various alternatives, and I hope and expect the recommendations to be directed toward the objective of what is best for University of the Pacific."

The Presidential Task Force on Student Affairs was created, McCaffrey said, "to explore all aspects of student life and to present recommendations which hopefully will be helpful in making the experience of students at Pacific even more satisfying and meaningful." He noted that "a number of concerns have been expressed regarding different features of University life as they affect students." These items, such as housing, food service, student government and

health service, were related to forming this task force.

McCaffrey also indicated a desire to have other aspects of the University studied in the future in a similar manner to these four groups.

Those serving on the study groups are:

Commission on University

Educational Goals

Dr. Alistair W. McCrone, Academic VP, Chairman

Administrators

Dr. Gaylon Caldwell, Provost, Elbert Covell College; Dr. Clifford Hand, Associate Dean, COP; Dr. Ivan Rowland, Dean, School of Pharmacy; Mr. Gordon Schaber, Dean, McGeorge School of Law; Dr. Otis Shao, Dean, Graduate School; Dr. Robert Winterberg, Financial Vice President.

Faculty

Dr. Wolfgang Fetsch, Professor of Music; Mr. Robert Hamernik, Assoc. Prof. of Civil Engineering; Dr. Herman Kaplan, Assoc. Prof. of Oral Surgery; Dr. Donald MacIntyre, Assoc. Prof. of History, COP; Dr. Tapan Mukerjee, Asst. Prof. of Economics, Callison College; Dr. Walter Payne, Prof. of History, COP; Dr. Milton Tyler, Assoc. Prof. and Coordinator of Special Education, School of Education; Dr. Mike Wagner, Prof. of Social Science, Raymond College; Dr. Carl Wulfman, Prof. of Physics and Academic Council Chairman.

Students

Mr. Jack Coward, Senior, COP; Miss Lois Killewich, Sr., Raymond College; Mr. Daniel Nutley, Jr., COP; Miss Debbie Robinett, Jr., Education; Mr. Glen Smoke, Fr., Music; Mr. Tom White, ASUOP President.

Alumni

Dr. Carolyn Fowle, '56-'61 Dir. of Pupil Personnel Services, Lodi Unified School Dist.; Mr. Chris Greene, '58 Neumiller, Beardslee, Diehl, Siegert, Glahn & Shepard Attorneys, Stockton; Dr. Ronald O. Loveridge, '60 Professor of Pol. Science, Univ. of California, Riverside; Mr. Dusty Miller, '42 Dir. of Management Develop., Cal-Western States Life Ins. Sacramento; Mr. Ed Simonsen, '37 Supt., Kern Community Col. District, Bakersfield; Mr. Everett Craig Ellis, '32 Retired Vice Pres., Ginn and Co., Aptos.

Presidential Task Force

on Intercollegiate Athletics

Dr. Donald Duns, Associate Professor, Communication Arts, COP, Chairman

Administrators

Dr. Edward Betz, Dean of Students; Dr. Cedric Dempsey, Director of Athletics; Mr. E. Leslie Medford, Jr., Assoc. Dean of Admissions; Dr. Robert Winterberg, Financial Vice President.

Faculty

Dr. George Blum, Assoc. Professor, History, Raymond College; Dr. Morton Goldstein, Asst. Professor, History, Callison College; Mrs. Fay Goleman, Pro-

(Continued on next page)

New Regent

Robert D. Haas, an associate in the San Francisco management consulting firm of McKinsey & Company, has been named to the University of the Pacific Board of Regents.

The new regent graduated Phi Beta Kappa in English from the University of California at Berkeley in 1964 and was valedictorian of his class. After spending two years teaching English for the Peace Corps in Africa, he entered the Harvard University Graduate School of Business. He was a Baker Scholar, received a master's degree in business administration in 1968 and was selected by President Lyndon Johnson as a White House Fellow.

Haas, 30, served as special assistant to the Secretary of the Department of Housing and Urban Development under Robert Weaver, Robert Wood and George Romney.

In addition to his current duties with McKinsey & Company, which he joined in 1969, the San Francisco resident serves on the Board of Directors of the Mission Model Neighborhood Corporation in the Model Cities Program, Model Housing Development Corporation and Western Opera Theater.

Haas served as chairman of the Harvard Business School Northern California Chapter Committee on Minority Business Assistance and has been active in various University of California groups, such as the Chancellor Selection Committee and Commission on Goals and Objectives of the Alumni Association.

He is the son of Mr. and Mrs. Walter A. Haas, Jr. of San Francisco, and his father is chairman of the board of Levi Strauss and Company.

UOP President Stanley McCaffrey termed the appointment of Haas a valuable contribution to the Board of Regents. "Bob Haas has had a rich background of experience for a young man," McCaffrey said, "and we are delighted to have him as a member of the Board of Regents. His own educational background, service in the Peace Corps, as a White House Fellow, and in the community are qualifications which will enable him to serve the University of the Pacific with distinction."

More About . . .

Self-Study Task Forces Named

(Continued from page 1)

fessor, Education, Sociology, COP; Dr. Jack Mason, Professor, Sociology, COP; Mr. Richard Reynolds, Professor, Art, COP; Dr. Warren Van Bronkhorst, Professor, Conservatory of Music.

Students

Miss Karen Goodman, Soph., COP; Miss Candy Kendall, Sr., COP; Mr. Warren Legarie, Fr., Callison College; Mr. Dick Middleton, Sr., Pharmacy; Miss Ann Towne, Soph., Raymond College; Mr. Tony Vaughn, Soph., COP.

Alumni

Dr. Jim Corson, '27, Exec. Secretary, Calif. Assn. of School Administrators, Burlingame; Mr. Jerry Kirsten, '47, Lyman & Keister CPA's, Lodi; Mr. Chauncey Veatch, '70, Legislative Assistant to Assemblyman Robert T. Monagan, Sacramento; Mr. Roy Williams, '64, Roy O. Williams Associates, Stockton; Mrs. Martha Wisdom, '45, Housewife, Stockton.

President's Committee on Governance

Dr. Robert Heyborne, Dean, School of Engineering, Chairman

Administrators

Dr. William Binkley, Dean, COP; Mrs. Judith M. Chambers, Asst. to the President; Dr. J. Marc Jantzen, Dean, School of Education; Mr. Robert McMaster, Director of Finance; Dr. Preston Stedman, Dean, Conservatory of Music.

Faculty

Dr. Morton Goldstein, Asst. Professor, History, Callison College; Miss Doris Meyer, Assoc. Professor, P.E., COP; Dr. James Morgali, Professor, Civil Engineering; Dr. Walter Payne, Professor, History, COP; Mr. Claude Rohwer, Professor, McGeorge School of Law; Dr. Charles Schilling, Professor, Organist, Carillonneur, Conservatory of Music; Dr. John Seaman, Professor, English, COP; Dr. Don Strub, Assoc. Professor, Oral Diagnosis, School of Dentistry; Dr. Catherine Tisinger, Asst. Professor, Social Economics, Callison College; Dr. Carl Wulfman, Academic Council Chairman.

Students

Miss Mary Arnold, Soph., COP; Mr. David Bennett, Sr., Raymond College; Mr. Tom Bellato, Jr., COP; Mr. Fernando Duk, Sr., Covell College; Mr. Jerry Eagans, Fr., COP; Mr. Pat Klein, Sr., Pharmacy.

Alumni

Mr. John Finger, '33, Attorney, San Francisco; Miss Lola Johnson, '56-'59, Dept. of English, Assoc. Professor, Stanislaus State College; Mrs. Ursula Meese, '54, Housewife, Carmichael.

Presidential Task Force on Student Affairs

Mr. Gerald Hewitt, Preceptor, Callison College, Chairman

Administrators

Dr. Edward Betz, Dean of Students; Mrs. Judith M. Chambers, Asst. to the Pres.; Mr. Berndt Kolker, Provost, Raymond College; Mr. Robert McMaster, Director of Finance; Mr. Ralph Saroyan, Director, Pharmacy Student Guidance; Mr. Dan Bava, Director, Anderson Y.

Faculty

Mrs. Jean England, Asst. Professor, Covell College; Mr. David Goedecke, Asst. Professor, Music; Dr. Richard Harris, Asst. Professor, Electrical Engineering; Mr. Leonard Humphreys, Asst. Professor, History, Callison College; Dr. Kenneth Perin, Assoc. Professor, Communicative Disorders, COP; Mr. Larry Walker, Assoc. Professor, Art, COP.

Students

Miss Mary Arnold, Soph., COP; Mr. David Bennett, Sr., Raymond College; Mr. Anthony Brown, Sr., COP; Miss Teresa Galvez, Jr., Engineering; Mr. Mike Lander, Jr., Raymond College; Mr. Barry Nash, Sr., COP; Mr. Tom White, ASUOP President.

Alumni

Mr. Jack Dunn, '69, Job Consortium Director Chamber of Commerce, Stockton; Brother Ronald Isetti, '59, Dean of Students, St. Mary's College, Morago; Mr. Don Pruitt, '51, Principal, Compton Jr. High School, Bakersfield.



Rare first edition copies of Jack London books were presented to the University during the 25th annual California History Institute. The 75-volume gift was made by Mr. and Mrs. Robin Lampson, left and Mrs. Becky London Fleming, a daughter of the famous author. The group is shown being introduced by President Stanley McCaffrey, right. Keynote speaker for the history institute was Horace Albright, 82, one of the creators of the National Park System.



Raymond College Courses Offered in Summer Sessions

For the first time several liberal arts courses at Raymond College will be available as part of the summer session program this year at Pacific.

Dr. J. Marc Jantzen, dean of the 47th annual summer session, explained that several popular courses at Raymond—Pacific's first cluster college—are being made available this year and most are interdisciplinary in scope. The courses will include "Life and Man's Physical Environment" from the area of natural sciences, "Man and Environment" and "Ecology and Cultural Evolution" from biological sciences, and "Dostoevski: Existential Hope and Despair" and "Freud & The Interdisciplinary Uses of Psychoanalysis" from literature.

The courses at Raymond will be available as part of the six week period of June 12-July 21. The total summer session program also will involve a five week session of June 19-July 21; four week session of July 24-August 18, and second five week session of July 24-August 25.

Another new aspect of the 1972 summer session will be the opportunity to advance register by mail. Information is available

from the Dean of Summer Sessions.

Courses will be offered by various departments to fulfill partial requirements for the bachelor's and master's degrees; docymc,s degrees in education, chemistry and English, and toward several teaching, administrative, supervisory and pupil personnel service credentials.

The number of units allowed will depend upon the sessions enrolled, but the normal course load for the entire summer is 12 units. Incoming freshmen can reduce the time spent in college by one semester if they attend two summer sessions.

Courses will be available, in addition to Raymond College, at College of the Pacific, Elbert Covell College, School of Education, Conservatory of Music, and School of Engineering.

Special programs will include the 25th annual Folk Dance Camp, Pacific Summer Theatre at Columbia State Park, new institute on social change, colloquium in communication disorders, workshop in vocal chamber music, ethnic institute, and a seminar on goals and objectives in music framework.

Conservatory is Looking For Old Program Books

The Conservatory of Music is attempting to complete its collection of program books to stock the University Archives. Dean Preston Stedman requests that any alumnus who has a program book for a year previous to 1966 consider donating it to the Conservatory.

Also wanted are any other official publications relating to the Conservatory of Music dated prior to 1940.

Dean Stedman would also appreciate any correspondence from members of the class of 1925 and before regarding their memories of the Conservatory in San Jose. He hopes to assemble a file on this period so that a precise history of the Conservatory can be compiled.

Fulbright Scholars Meet at Pacific

Approximately 35 Fulbright scholars who are doing research this year at American colleges in nine Western states met at UOP in March for a four-day conference.

"Change: The Common Denominator For Space Ship Earth?" was the theme for the event as the visiting scholars from Europe, Asia, Africa and the Orient looked at recent changes in United States culture and discussed their implication. Fourteen countries were represented, including Japan, France, Romania, Australia, Iran, India and Ghana.

Dr. Alistair McCrone, academic vice president at Pacific, noted that UOP is one of only four universities in the United States holding regional conferences. "We are proud to join such distinguished company," he declared, "by providing the hospitality and intellectual forum for an event of such importance to international scholarly exchange and mutual understanding."

The program included addresses by Dr. Lawrence Meredith, Dr. George Lewis, and Dr. Arlen Hansen of the UOP faculty. Dr. Meredith discussed "The Counter-Cultures: A Revolutionary Galaxy," Dr. Lewis discussed, with musical accompaniment, "Pop Culture and the Contemporary Music Ethic," and Dr. Hansen discussed "Popular Culture: A General Theory."

UOP Sophomore Receives Science Research Grant

A UOP sophomore has received a \$13,060 grant from the National Science Foundation (NSF) to conduct environmental research this summer at a Northern California lake that is faced with a pollution problem.

Mary Anne Van Buskirk of Santa Rosa will be in charge of nine other students for a 10-week study on the causes and effects of cultural eutrophication of Blue Lake, which is located near Clear Lake in Lake County.

Dr. W. Michael Kaill, UOP biology professor who is faculty advisor to the project, explained that eutrophication is the natural, and very slow, aging process of a lake. Miss Van Buskirk's project will involve how our society, or culture, has affected and accelerated this aging process.

Both undergraduate and graduate students in chemistry, biology, geology and engineering will use an interdisciplinary approach to collect data on the lake during the summer. Kaill was in charge of 13 students, including Miss Van Buskirk, who spent the month of January doing this type of research at Blue Lake as a Winter Term project.

"Blue Lake is a very small lake under intensive recreational pressure," explained Kaill, "and the local residents were very concerned about its future when they asked us to assist them." Kaill noted that "at one time Blue Lake was in reasonably clear condition. But in the last few years," he continued, "the basic condition has deteriorated and will continue to do so at an increasing rate—unless something is done—because of the cultural eutrophication that we hope to document."

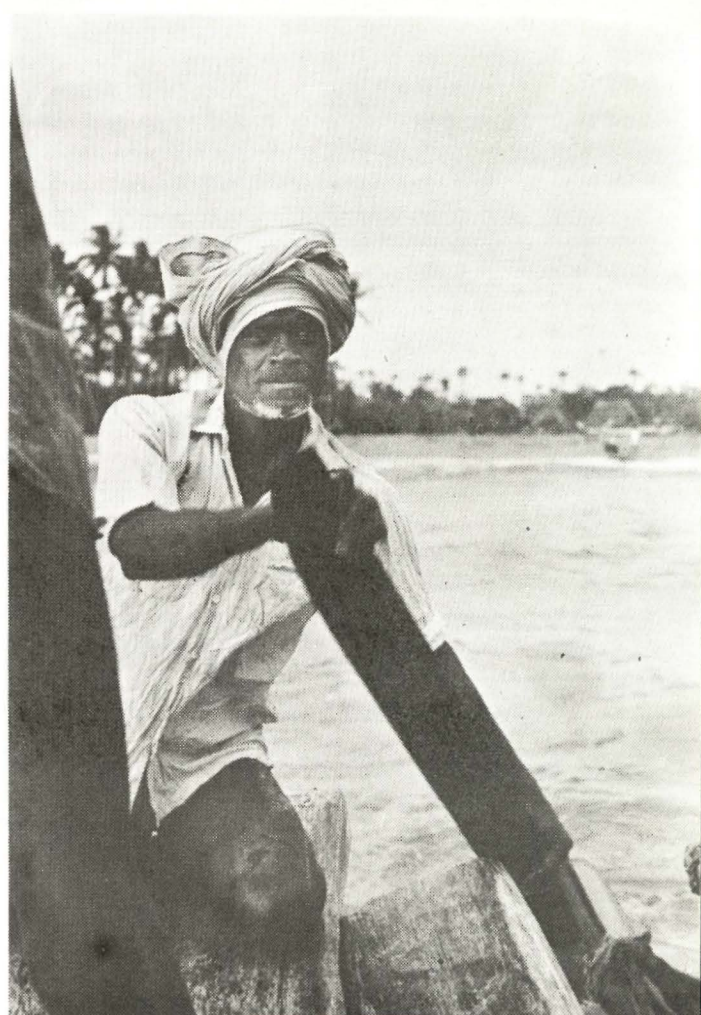
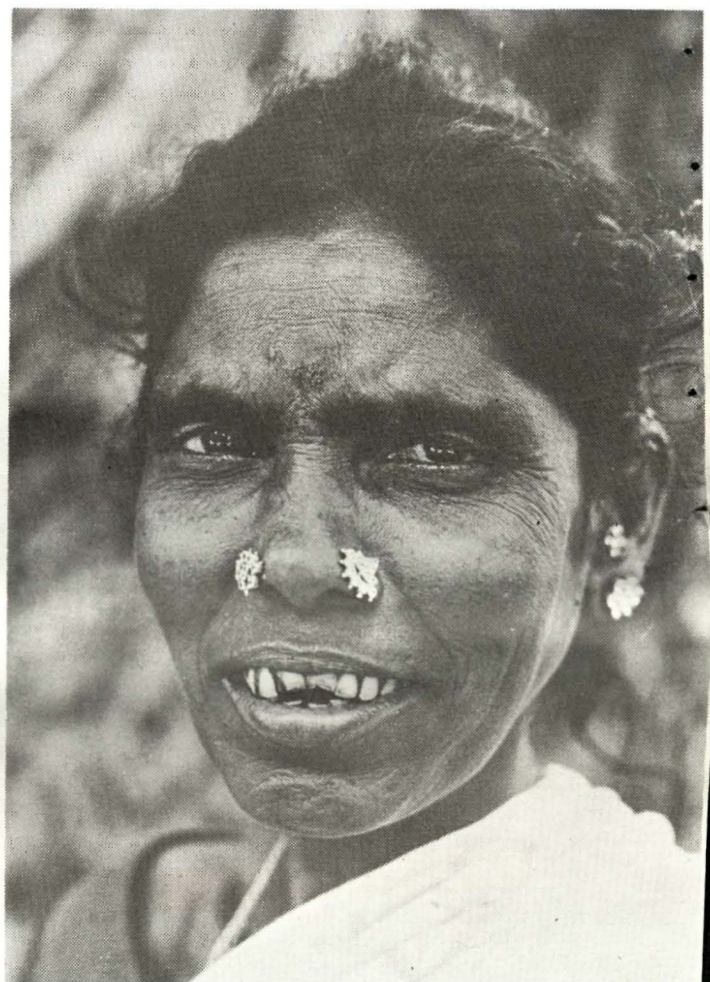


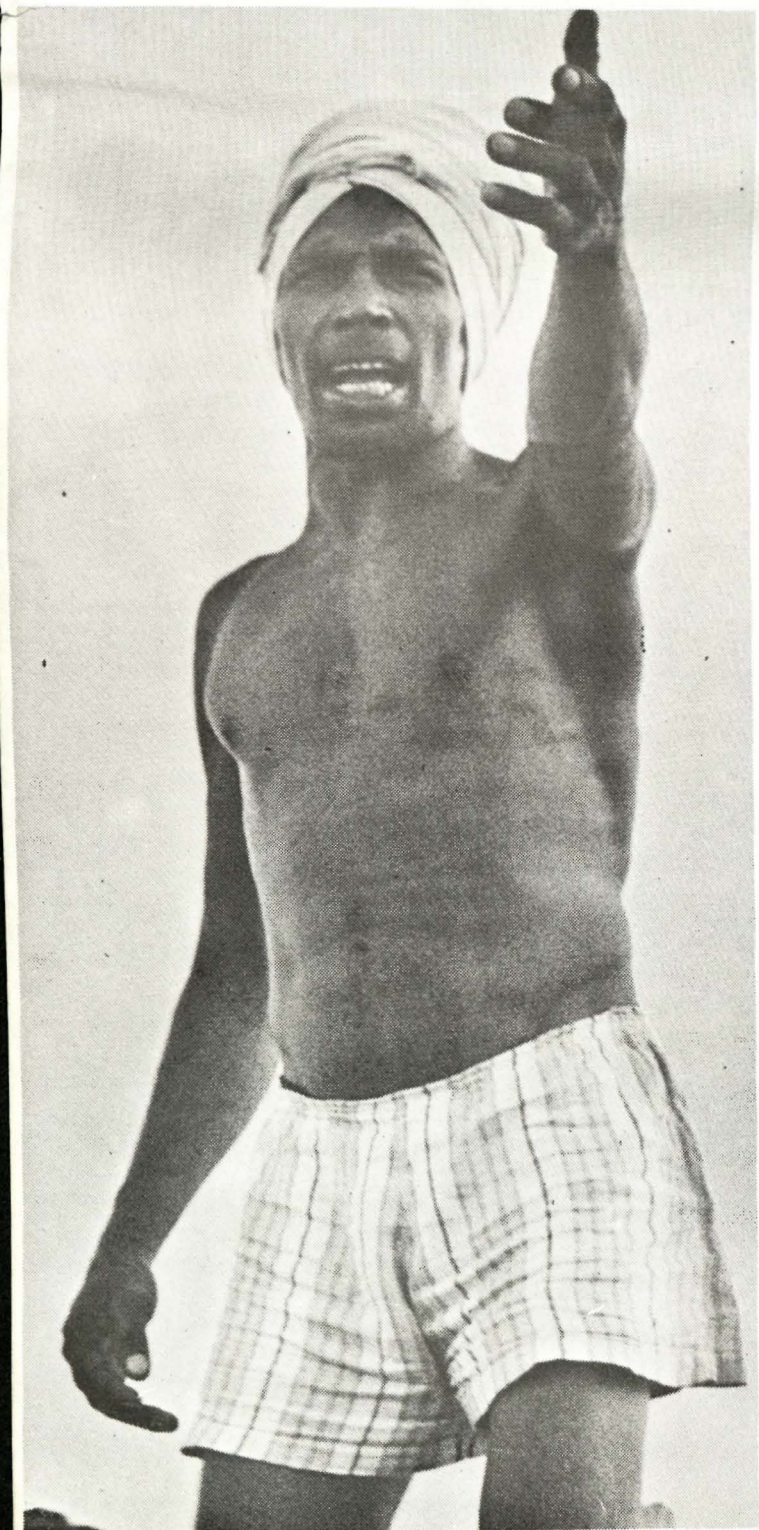
INDIAN FISHING VILLAGE



A Photo Story by Dan Collins '72

The People who snatch a precarious existence from the sea are a fascinating subject for Callison College senior Dan Collins. During his time at Pacific Dan spent a full semester in a Mexican fishing village and two months in the village of Covelong near the city of Madras in the southeast of India. Here are a few of his photographs of these people and their frail boats, made of tree trunks lashed together, in which they venture up to 15 miles from land in search of their elusive prey. These are people totally dependent upon the vagaries of nature and the fluctuations of the marketplace. They have no subsidies and no social security or welfare; it's the most elemental form of free enterprise and an excellent study subject for a young student interested in anthropology and photography.





On the Bay of Bengal . . .

Christmas in India

Editor's note: Approximately 60 Callison students are spending this year in Bangalore, India—the fourth such sophomore class to do so. The following article, by Michele Iriart of Tracy, California, is an evocative expression of the Indian experience.

By Michele Iriart '74

Christmas break had long been planned and re-planned by the Callison College class in India. It was the time to travel in the northern part of India, which most of us had not yet had time to reach. We huddled over our maps, guide-book in hand, concentrating on our touring strategy.

Meanwhile another strategy was being decided, however, and what had been almost a joke became quite real. We woke up one Saturday morning to hear we were in a country at war.

The planes overhead were no longer a noisy nuisance but a reminder. Bangalore was quite far away from any danger but as a precaution black-outs were started.

All the streetlights were turned off. Windows were thickly curtained and headlights were dimmed. Even the street-side stalls, which sell anything from cigarettes to soap to bananas, darkened their neon tubes.

The busy streets were ominous and quiet. We needed no warnings not to go out during black-outs.

The war only lasted two weeks and the black-out was over in one. Neon lights never looked so good to me.

Still it was thought advisable to limit travel to the south of Bangalore and to make Christmas break only two weeks long.

So we went back to the old map and guidebook for a new route southward.

I was traveling in my usual inexpensive way to Cochin, lying with my sleeping bag on the luggage rack of a third class train compartment.

Luggage racks are highly sought after by experienced Indian travelers because one can sleep there undisturbed on night trains. By now, though, I can crowd in with the best of them as the train reaches the platform and stake my claim with my sleeping bag.

I woke up early as the train made its breakfast stop—long enough for the passengers to wash their face and hands, buy food wrapped in fresh banana leaves and glasses of coffee.

I sat down to watch the view. It is always my favorite part of a train ride, watching the bright tropical greenness of the rice paddies and palm-tree groves, the half-hidden thatch and mud huts, the quick "caught unawares" shots of village life—men plowing their fields with bullocks, women slapping their laundry clean on river-rocks, saris drying on the grass.

Cochin is a group of islands off a mainland town. It is known as the place where Vasco de Gama landed and the site of one of the oldest Portuguese colonies in the Orient. It is also one of the largest cities in Kerala state which is well-known in India for its progressiveness and traditional culture.

Kerala is the home of Kathakali dance, an ancient dance-drama performed during temple festivals. While in Cochin I had a chance to see a Kathakali performance at a cultural center.

The stage was lit by a coconut-oil lamp, and I heard the beating drums and chanting from the shadows. The dance re-enacted the legend of a noble prince and a demoness who tempts him in disguise.

The dancers, always men, wore fantastic costumes with huge skirts and tall head-dresses. Their faces were completely painted in bright red, green, black, white, and rose. Tiny seeds had been inserted in their eyes to make them red and more noticeable.

The hunting prince, the love-struck demoness, the tempting, the revelation of the demoness' true guise, the fight scene, all were shown with the most precise hand motions, the most exact, involved facial expressions, the most dynamic movements.

Its style was the worthy result of centuries of subtle perfecting of the greatest simplicity.

The train to Trivandrum was crowded and I was surrounded by Indian students who wanted to know about the United States. I did my best to answer all their questions, but when the inevitable one came up—did I know someone's cousin in New York—I had to give up and just smile.

I ended up singing American songs they had heard in the films. By three a.m. half the car was singing, "Do, a Deer" with me.

I spent a quiet day in Trivandrum, touring the Public Gardens, the art gallery, and the museum. I have really grown to appreciate Indian sculptures where strength and beauty have been refined to portray serenity.

I came to Cape Comorin, the southernmost tip of India, late Christmas Eve. The sea and the sky were black but I had never seen so many stars.

I was directed to a Christian church where there was a midnight service. The road to the church was gay with colored lights and bright with people hurrying along.

The church was built in imitation of some European cathedral but, as in an Indian temple, shoes were left at the door. The women, in their saris, and men in dhotis, sat on the floor as the slow, solemn service went on. Songs, very different from the carols I'd been humming, were sung to the accompaniment of wooden pipes and drums.

But as we all came out, it was Christmas indeed in smiles of peace and goodwill.

I watched the sun rise that morning, silver to gold, over the three seas, and took the ferry to visit a new temple, barely completed, to the Hindu scholar, Vivekananda, who had meditated here before going to teach Hinduism in America.

I had to change compartments in the middle of my train journey back to Bangalore. Sleepily I climbed into a second class carriage. The conductor found me out the next day. I pointed out that I slept on the floor. He pointed out that it was the floor of a second class compartment and I only had a third class ticket. I pleaded that I was a poor dumb foreigner. He sighed sympathetically and repeated that great Indian phrase, "What to do?"

What, indeed. It was a case of "pay the man the 20 rupees" for a second class ticket.

Travel has its inconveniences and I was glad to be back in Bangalore, where the auto-rickshaws are metered and I can tuck myself up safe in my mosquito net.

Drug Screening by Electronics

By RICHARD DOTY,
News Bureau Director

The use of electronic equipment to screen and evaluate new drugs is part of a unique program underway at the School of Pharmacy.

Dr. Howell Runion of the pharmacy school staff directs what is believed to be the only program in the United States that involves undergraduate instruction in electropharmacology.

"Today's pharmacy student," Runion explains, "is an increasingly useful individual—sophisticated in chemistry, physiology and biology and trained in pharmacology, which is the study of the actions of drugs on the body. We are adding to these skills the ability to use electronic instruments that can measure the effects of medicinal drugs in great detail, such as recording subtle changes in nerve and muscle systems."

Electronics, termed the heart of the technology, is taught to students in an area designed for research and development of biomedical instrumentation. There is a new and experimental tissue culture laboratory where attempts are underway to develop new drug screening methods. This utilizes single cells and electronic monitoring of their membrane characteristics as a key to drug activity.

"The rapid expansion of contemporary medical practice, with its ever increasing demands for new and better drugs, plus the accentuated new federal requirements for such drugs, have created the need for a corresponding advance in the level of drug screening and evaluation," explains the UOP researcher. "Today's scientific community moves into new areas of discovery almost exclusively with the aid of electronics and computer-based programs," adds Runion, who has been studying the relationship of electronics to pharmacology-physiology for the past 15 years. He has been a UOP faculty member since 1969.

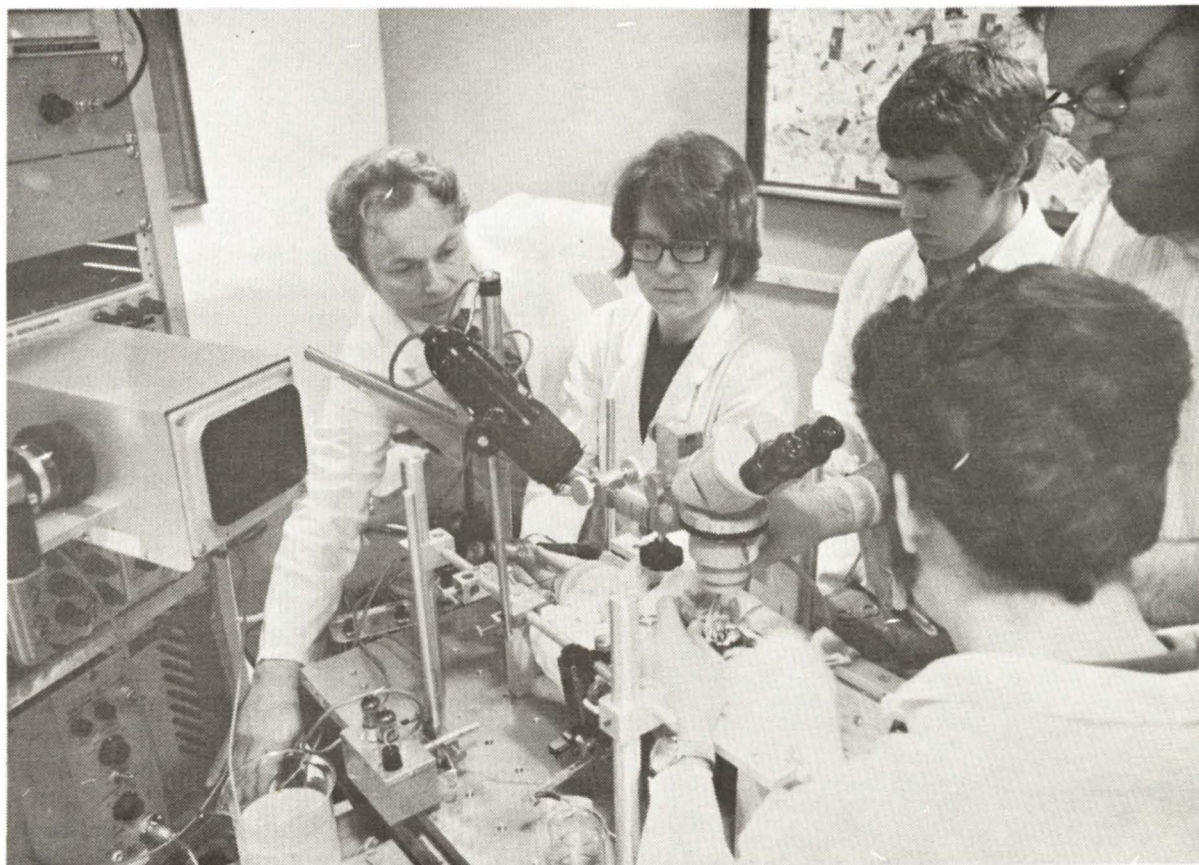
Students in the electropharmacology program at Pacific are using their training in a variety of areas, including:

—Clinical evaluation of the current drug therapy used in the detoxification of acute alcoholics at San Joaquin General Hospital. "In our laboratory," Runion added, "similar studies are being conducted on rabbits and mice. In some cases this involves using electronic equipment on a single muscle cell."

—A study on the physiology of aging by examining normal hand tremors, or shakes, and attempting to correlate the degree of tremor with age.

—A study on the use of cardiac drugs and their action on single cells.

Because of physical limitations only a limited number of students may be enrolled in the UOP program. This involves in excess of \$10,000 in equipment at each of the four teaching stations, which are nestled away in a basement corner of the new \$4.4 million School of Pharmacy. Included in the biomedical laboratory complex is a precision machine shop where the students build much of their own equipment by learning how to operate instruments like a precision mill or metal lathe.



Dr. Howell Runion, Assistant Professor of Physiology and Pharmacology in the School of Pharmacy, left, supervises a group of students who are measuring the nerve

action potential in the spinal cord of an unconscious rabbit. In the lower photo, Runion checks some of the complex electronic equipment used in his work.

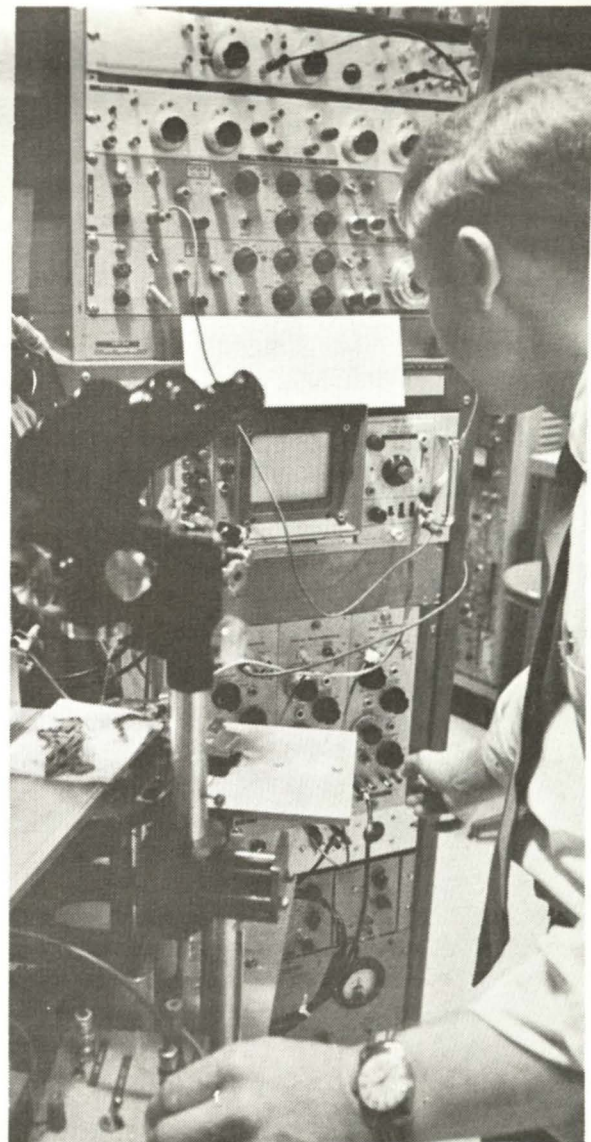
"Our program already is very expensive to operate," admits Runion, "and each laboratory station won't be complete until it represents \$20,000 worth of equipment."

But even with these cost figures, Runion feels the use of electronic instrumentation in drug screening research is less costly in the long run, and provides more precise information, than the subjective measurements of the past.

"Many electrophysiologists currently employed by pharmaceutical firms have a limited or non-existent knowledge of pharmacology and pharmaceutical practices, which is a drawback in this field," Runion explains. "We ask what better individual is there to conduct drug screening studies than a broadly-trained pharmacist with specialization and emphasis in biochemistry-pharmacology and electronic instrument technology?"

Runion is optimistic about the future of this new program, which offers Pacific students a Doctor of Pharmacy degree with an emphasis in electrophysiological technologies. He sees an immediate future for electropharmacologists in three main areas: academic research, the pharmaceutical industry, and clinical evaluations of current or proposed drug therapy.

"We feel the future is as wide and bright as the ability of the student to dream and project himself as an electropharmacologist into a new roll for an old distinguished profession," Runion concluded.



Tiger Tracks

1900—1939

Millen Winsor Johns '10 is still singing in a choir and choral group and is now living in the Rossmoor Retirement Center. She tells us it is a great place to retire and there is no chance to rest there.

Nadean Tupper Gonzales '27 is now married to Vincent P. Desmond. Their wedding took place at the Carmel Mission and they are now residing in Crockett.

Alma Andrews '33 received an elegant Gold Medallion honoring her 15,000 hours of volunteer music therapy activity at Palo Alto Veterans Hospital. She also received a Distinguished Award with a twenty-year bar. With the several thousand additional hours Alma has accumulated at Oak Knoll Hospital in Oakland, her amazing total of volunteer hours is well over 17,000.

1940—1949

Dolores Longbotham '45 displayed 20 watercolor paintings done on location in France, Switzerland, Germany, England, and Scotland at an art exhibit in Modesto.

John C. Toomay '47, commander of the Rome Air Development Center, has been nominated for promotion to the rank of Brigadier General.

William Gilman '48 passed away of a heart ailment in January.

Rev. Sam Kleinsasser '48 will be featured in a program of ten days of special services presented by the Rio Linda First Baptist Church.

Dan Yale Rosenberg '49 has been re-elected Sacramento area President of the CSEA Health, Inc. for the 1972-73 term.

Gerald L. Hains '49 received his Ph.D. from USC in June, 1971, and is currently serving as Principal at Pioneer High School in Whittier. Wife, Helen, '49 is busy with their 3 children and volunteer activities in League of Women Voters, Political Campaigns, etc.

1950—1959

Ed J. Zuchelli '51 will not seek re-election to the Santa Maria City Council after two terms in office. He wishes to devote more time to his family.

Frederick R. Dickson '51 is the new Regional Manager for Regions 9 and 10 of the United States Bureau of Prisons.

Earl Goodell '52 was given a retirement banquet in honor of his many years as Superintendent of the Fremont Union High School District.

Phil Wogaman '54 has been selected Dean of Wesley Theological Seminary at American University in Washington, D.C.

Philip C. Garlington '56 founding president of Skyline College in San Bruno, has asked for reassignment to a San Mateo Junior College District teaching position to begin in the fall.

Dr. Robert E. Maxwell '58 has been elected Superintendent of Schools in Somerset.

Robert William Mayer '59 received his MA at Chapman College in Orange, Ca. last February.

Horace Leake, BA '59, MA '67, a Teacher Corps program development specialist at UOP, has been named an associate in the national Technical Assistance Projects (TAP). He was one of only 14 nationwide educators selected for the program, which involves national consultant work.

The associates program offers specialized and individualized learning experience for the participants—all members of minority groups—who will work to develop special skills in various aspects of elementary teaching.

TAP, arranged in cooperation with the U.S. Office of Education, selected the 14 associates on the basis of leadership in competency-based teacher education and a demonstrated commitment to improving education for low-income children.

Horace has been affiliated with the Teacher Corps program at Pacific since 1968 and was director of the program for two years. He was named UOP School of Education Alumnus of the Decade for 1960-70.

1960—1969

Mary Grothe Sanchez '60 has been doing volunteer work at WFCR-FM, a public radio station in Massachusetts. She is also involved in the production of a program about women in the field of musical composition.

Del Alberti '63 has written an educational resource book, *The Ecological Theme As A Basis for Individualized Science Experiences*, now in its second printing for Activity Resources Co., Hayward. Del is a science specialist at the Nueva Learning Center, Hillsborough, and is currently teaching a science education course in the evening division of College of Notre Dame, Belmont. Del and his wife, Sharon, announce the recent arrival of their third child, Matthew David.

Ronald G. Ranson, Jr. '63 is a professor at Rio Hondo College, Whittier, Ca.

Dr. Gordon Scott Harrison '65 is the Chairman of the 23d Alaska Science Conference scheduled at the University of Alaska, Fairbanks, in August. The conference theme is "Science and Policy in the North," and will deal with the relationship of scientific research to certain public policy issues including petroleum development and transportation. Dr. Harrison, who is also president of the Alaska Section of the American Association for the Advancement of Science, is the editor of a recent book "Alaska Public Policy."

Gayle Hightower Woolley '65, '68 has been teaching English and Spanish for the last two years at the Dept. of Defense American High School in Yokohama, Japan. Last August she was married to William O. Woolley. They now reside in Evanston, Illinois where Bill is a Law Student.

Howard P. Cox '65 R.Ph. has been named Manager of the Walgreen Drug Store in Palo Alto.

Jinx McCombs '65, an adult probation officer in Contra Costa County, received her MA in psychology in December 1971.

Perry Graves '66 is a case worker supervisor at the newly opened \$5.8 million DeWitt Nelson School of the Northern California Youth Center.

Norman Rosen '67 former speech major and drama enthusiast has taken to the air. Norm, an avid flyer, is forming a UOP flying club which will offer very reasonable flying lessons to Alumni and other members of the Pacific family in Stockton. Interested people should contact the Alumni House.

Fred Sanders '67 is now assistant manager at the California on the Rogue Fishing Resort in Trail, Oregon.

Diana S. Roark '67 had a baby boy last June, Adam Jude, who weighed in at 6 lbs., 14 oz.

Sara Lee Mills '68 is engaged to Glenn E. Martin of Fullerton. Glenn is a senior systems analyst for Lockheed Electronics Data Products Division in Downey. It will be an April wedding.

Thomas R. Waters '68 has enrolled at the Thunderbird Graduate School in Glendale, Arizona.

Pamela Windsor Brewer '68 is now teaching in Stockton. She and her husband have been enjoying skiing and traveling, and she states she would like to hear from her former classmates.

David H. Oberg '69 has been promoted to sergeant in the U.S.A.F. as an intelligence specialist.

1970—1971

Dennis R. Nugent '70 recently married Linda Ham '70. Dennis is currently teaching and is swimming coach at Davis High School in Modesto.

Stephen L. Franceschi '70 recently completed a ten-week medical corpsman course at the U.S. Army Medical Training Center, Ft. Sam Houston, Texas.

Robert M. Cavallaro '71 recently completed an eight-week administrative and personnel management course at Ft. Polk, La.

Warren G. Willis '71, Second Lieutenant, has been awarded his silver wings at Moody AFB, Ga., upon graduation from U.S.A.F. pilot training.

Cindy Britz '71 is teaching 7th Grade English in St. Charles, Ill. She is engaged to Rich Davito (Stanford '71) and plans to be married June 17th.

Edward E. Weisbrod '71 has been commissioned a Second Lieutenant in the U.S.A.F. upon graduation from Officer Training School at Lackland AFB, Texas.

Leroy "Chip" Coffroth, Jr. '71 and **Lt. Paul Tromerhauser '70** were killed in an automobile accident in Stockton on December 21st, 1971. Paul was on Christmas leave from Castle Air Force Base and Chip was visiting his fiancée, **Suzanne Rood '71** during his Christmas vacation from the University of Guadalajara Medical School. They were planning a July wedding.

Thomas B. Surbridge '71 recently was promoted to Army Specialist Four while serving with the Third Armored Division in Germany.

Rosalinda J. Rea '71 has been asked to remain a second year as the Teaching Fellow to the Centro Cultural Costarricense-Norteamericano in San Jose, Costa Rica. She is gaining practical work experience through on-the-job training. In September, 1973, she plans to return to the States to begin her Masters in Education and TEFOL credential.

UNIVERSITY DAY SCHEDULE OF EVENTS

SATURDAY, May 6

8:00-12:00 noon Information and Registration — Anderson Lawn
8:00-10:00 a.m. Strawberry Breakfast — Anderson Lawn — \$1.50
10:00-10:30 a.m. "The University Today and Tomorrow," President Stanley E. McCaffrey—Anderson Lawn
11:30- 1:00 p.m. Bar-B-Que Lunch (Entertainment) — Anderson Lawn — \$1.50
1:00- 2:00 p.m. Senior Awards "The Multiplicity of Programs," Vice President Alistair W. McCrone — Anderson Lawn
2:00- 4:00 p.m. Open House, Conversations, Art Shows
3:00- 4:00 p.m. Dedication of Chris Kjeldsen Memorial Pool — Pool site — Knoles Field
8:00 p.m. Clark Terry Concert — Conservatory Auditorium — \$1.00

SUNDAY, May 7

3:00- 5:00 p.m.

A Cappella Choir Reunion — Conservatory Auditorium

PARTICIPANTS - DISPLAYS, DEMONSTRATIONS, AND TOURS

COP
School of Pharmacy
Callison
School of Education
Raymond
Covell
Conservatory
Computer Center
School of Engineering
Anderson Y
ASUOP
Health Center

Calendar

THUR., APRIL 27—"Henry IV, Part I", DeMarcus Brown Theater, 8:00 p.m. Junior Recital-Reg Houston, voice; Maria Elder, voice-8:15 p.m. Math Department Visiting Lecturer in Mathematics-Albright Auditorium-4:00 p.m.

FRI., APRIL 28—"Henry IV, Part I", DeMarcus Brown Theater, 8:15 p.m. A Cappella Choir Concert-8:15 p.m.-Conservatory. Y Film-Bonnie and Clyde-6:30 and 9:00 p.m.-ALH. ASUOP Concert—"Ten Years After"—Stadium—12:00-5:00 p.m.

SUN., APRIL 30—Y Film—Bonnie and Clyde—6:30 and 9:00 p.m. ALH. School of Pharmacy Graduation-DeMarcus Brown Theatre.

MAY 1—Pharmacy Classes Begin semester ends 5-72.

MAY 2—Veselos Folk Dancers-7 p.m., Anderson Lecture Hall.

MAY 3—Senior Recital-Marg Bowman, piano, Mary Potter voice-8:15 p.m., Conservatory, Raymond College Faculty Research Lecture-George Blum, Lecturer, "Clio and the Iron Cuirton"—7:30, Raymond Great Hall.

MAY 4—Academic Council-Regents Rm. 3:00 p.m. Senior Recital-Jerry Schwartz, trumpet-8:15 p.m., Conservatory. Callison College Art Festival-Callison Lodge & Dining Hall-through May 6. Callison College-Allan Wilcox Art Display-Wendell Phillips Center Interior Court, 8:00 a.m.-10:00 p.m.

MAY 5—Senior Recital-Rick Paderes, viola and Rudy Marcelo, clarinet-8:15 p.m., Conservatory. Y Film-The Heart is a Lonely Hunter-6:30 and 9:00 p.m., ALH (May 5, 6, 7).

MAY 6—University Day-(See schedule of events inside). Alpha Chi Sigma Chemistry Seminar and Luncheon-Weber Hall Lawn, 10:00 a.m.

MAY 7—Alumni Choir Concert-3:00 p.m., Conservatory. Phi Mu Alpha Sinfonia Recital for underprivileged children-2:00 p.m., Gold Room. Jack Anderson, Conservatory, 8:00 p.m.

MAY 9—Senior Recital-Eddie Minghelli, saxophone, 8:15 p.m., Conservatory. Film—"Mein Kampf"—6:30 & 9:00 p.m., ALH.

MAY 10—Junior Recital-Thomas Bell, piano-8:15 p.m., Conservatory.

MAY 11—Student Recital-Doug Bish, Clarinet-8:15 p.m., Conservatory. Graduate Recital-Vincent Marelio-piano-7:00 p.m., Conservatory. Beginning of Dead Week.

MAY 12—Phi Mu Alpha-8:15 p.m., Conservatory. Y Film—"Bullitt"-6:30 and 9:00 p.m., ALH.

MAY 13—University Dames Brunch-11:00 a.m., Elbert Covell Dining Hall, Alumni Band Concert-10:00 a.m.-9:00 p.m., Conservatory. Y Film—"Bullitt"—6:30 and 9:00 p.m., ALH (also May 14).

MAY 16—All Campus Spring Steak B-B-Q. Composers Club-8:15 p.m., Conservatory. Veselos Folk Dancers-7-9 p.m., ALH. Board of Regents Meeting-Gold Room.

MAY 17—Classes End. ASUOP Forum on National Priorities-Shirley Chisholm, US Representative. 7:30 p.m., Raymond Great Hall. Brass Ensemble & Collegium Musicum-8:15 p.m., Conservatory.

MAY 18—Final Exams (thru 24th). Academic Affairs-3:00 p.m., Regents Room.

MAY 23—Veselos Folk Dancers-7-9 p.m.-ALH.

MAY 26-28—Commencement weekend.

MAY 26—Presidential Inauguration and awarding of advanced degrees—2:00 p.m.

MAY 27—Elbert Covell College Commencement-10:30 a.m. School of Education Commencement-2:00 p.m. Conservatory of Music Commencement and Concert-7:30 p.m. Raymond College Commencement-5:00 p.m.

MAY 29—College of the Pacific Commencement-10:00 a.m. School of Engineering Commencement and Luncheon-12:00 noon. Callison College Commencement-4:00 p.m.

UOP Professors Receive Physics, Chemistry Grants

Three University of the Pacific professors have received grants for physics and chemistry research that total nearly \$50,000.

Research Corporation of New York, a foundation for the advancement of science, awarded a \$42,600 grant for physics research to Dr. Carl Wulfman, chairman of the physics department, and Dr. Robert Anderson, associate professor of physics. A \$5,950 grant for chemistry research went to Dr. Larry Spreer, assistant professor of chemistry. Both grants are for two years.

According to Wulfman, the grant for studies in atomic and molecular physics will allow him and Anderson to use some new mathematics they and UOP graduate student Sukeyuki Kumei have invented to learn how things that start out highly symmetrical can become unsymmetrical. "We hope that this work ultimately will help provide the physical foundation for understanding the mysteries of biological cell differentiation," Wulfman explained. He said the main problem in this area for the biologist is to learn how it is possible for cells that are identical in developing plants and animals to later differentiate into cells that are not identical.

The chemistry project involving Spreer is a study of the properties of organometallic species, which consist of a carbon-containing group attached to a metal, to determine how they participate in chemical reactions. "In many cases it is not known how or why organometallic compounds participate in chemical reactions since they decompose very rapidly and can not be isolated," explained Dr. Spreer. "My research," he continued, "involves compounds which react slowly enough so that their properties can be studied. In this way we hope that a better understanding can be gained of some of the more reactive organometallic species."

Tax Leverage Reduces Cost of Gifts to UOP

By WESLEY J. A. JONES,
Director of Planned Gifts

Tax leverage may be the key to increasing a donor's gifts to University of Pacific. Such leverage is achieved by taking allowable tax deductions—thus producing tax savings—so that the gift "cost" is negligible or actually produces an increase in net income.

A limited partnership investment in an oil and gas drilling program provides an excellent example. First, the taxpayer deducts from his ordinary income the allowable write-off of intangible drilling expenses incurred by the partnership. Usually this deduction amounts to 100 percent of the invested dollars, leaving the investor with a zero tax basis (cost) in his investment.

Successful drilling by the partnership establishes value in the investment by proving oil and gas reserves in the ground. Generally, such values will average 80 percent of invested dollars. When the partnership provides the investor with this dollar value (fair market value or liquidating value) he may gift his partnership interest to the University and take another deduction from ordinary income in the amount of the liquidating value.

Here is an illustration of the "before and after" tax results to a typical investor-donor with a taxable income of \$60,000 (joint return), based on a \$10,000 investment:

Tax BEFORE Investment	\$22,300
Investor then-	
(1) Deducts as ordinary loss the \$10,000 investment	
(2) Thereby reducing Taxable Income to \$50,000	\$17,060
Tax Savings from Investment	\$ 5,240
Actual Cost of \$10,000 Investment	\$ 4,760
Investor Gifts His Investment in a new Tax Year and-	
(1) Takes Tax Deduction for f.m.v. of \$8,000-	
(2) Reduces Taxable Income to \$52,000-	
Tax on Reduced Income	\$18,060
Tax Savings From Gift	\$ 4,240
SUMMARY	
Tax Savings:—from Investment	\$ 5,240
—from Gift	\$ 4,240
Total Savings	\$ 9,480
NET COST OF GIFT	\$ 520
The NET COST OF GIFT of \$10,000 cash by the above taxpayer would be \$5,000.	

This illustration considers only the Federal Income Tax savings. State Income Tax savings would further improve the result.

Taxpayers with greater taxable incomes could produce an even lower NET COST OF GIFT, and may actually increase their net income.

**PACIFIC
REVIEW**
UNIVERSITY
OF THE PACIFIC
APRIL, 1972

PACIFIC REVIEW—Volume 6, No. 7, April, 1972
Published by the University of the Pacific, 3601
Pacific Ave., Stockton, CA 95204 nine times a
year; October through June. Editor: Jack White. Entered as
second class mail at the Post Office, Stockton, California.