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Pacific Review

Volume 71, Number 4

THE UNIVERSITY OF THE PACIFIC

JAN/FEB 1984



Inside:

scientists explore life,
a program that saves lives,
new life for an old building,
and more.

UOP Today

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On The Cover: Science faculty and students inspect the new Varian XL-200 FTNMR Spectrometer that is being used by chemistry and pharmacy students and faculty. The instrument, valued at \$180,000, is used to determine the structure and dynamic properties of molecules. More information on the spectrometer is in a story on page 2. Scientific research, and some well known faculty scientists, are discussed on page 8.

Parents:

If this issue is addressed to a son or daughter who no longer maintains an address at your home, please send the correct address to:

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Pacific Review

Volume 71, Number 4, Jan/Feb
1984

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Jarvis Named Vice President

Dr. Oscar T. Jarvis has been named academic vice president at the University. The appointment was unanimously approved by the Board of Regents at a meeting on the San Francisco campus of the University.

Jarvis had been serving as acting academic vice president since the death of Dr. Clifford J. Hand last September. Jarvis previously served as dean of the UOP School of Education for 10 years.

Dr. Stanley E. McCaffrey, UOP president, said: "I have the fullest confidence in Dr. Jarvis. He has served with distinction as dean of the School of Education and has a very broad knowledge of University academic matters through service on many University academic committees. As acting academic vice president since September, he has performed his responsibilities most capably and has provided the leadership for a number of important decisions."

Jarvis, 53, has more than 25 years of experience in teaching and administrative positions. He came to UOP in 1974 from the University of Texas at El Paso, where his four years of service included duties as professor of educational administration, chairman of the Department of Curriculum and Instruction and acting dean of the School of Education. He also taught for eight years at the University of Georgia and was involved in elementary school teaching and administration in Texas.

Alumni Activities Planned

Following are alumni club activities planned for the coming weeks. Detailed information can be obtained by contacting the individual listed with each event:

EAST BAY CLUB - Feb. 7, A Cappella Choir performance, 7:30 p.m. Lafayette Orinda Presbyterian Church. Contact Mr. and Mrs. John Fruth '66, '74 (415) 837-6917.

FRESNO - Feb. 9, A Cappella Choir performance, 7:30 p.m., Clovis Methodist Church. Contact Mr. and Mrs. Kirk Sakamoto (805) 832-7429.

SAN FRANCISCO PENINSULA - March 11, Anno Nuevo State Park tour with a preliminary talk on elephant seals by UOP Biology Professor Dr. Richard Tenaza at 10:45 a.m. at Pigeon Point Hostel. Contact Mr. and Mrs. Bob Black '73 (415) 573-7165.

LOS ANGELES - March 25, wine and cheese tasting with a talk on "The Art and Science of Wine" by UOP Professor Dr. Roger Barnett, 3 to 5 p.m. Location to be announced. Contact Mr. and Mrs. Frank Jimenez (213) 790-7291. Several other spring events are being planned by the Los Angeles Club, but the details have not been finalized.

SOUTH BAY - April 8, wine and cheese tasting from 3 to 5 p.m. at the Syntex Gallery with Dr. Roger Barnett speaking on "The Art and Science of Wine." Contact Jan Lassagne '53 (405) 446-0597 or (408) 739-3285.

BAKERSFIELD - April 27, desert and coffee with Dr. Donald Duns, UOP communication professor, who will discuss "Conflict Resolution." The location has not been finalized. Contact Mr. and Mrs. Bob McConnell '50 (805) 758-6751.

New Equipment Aids Science Program

A new sophisticated piece of scientific equipment is now being used at the University to aid School of Pharmacy and Chemistry Department faculty and students in molecular structure studies.

A Varian XL-200 FTNMR Spectrometer, valued at approximately \$180,000, was obtained largely through the efforts of chemistry and pharmacy faculty. Dr. Larry O. Spreer, the past Chemistry Department chairman, was instrumental in securing the equipment through grants from the Stauffer Charitable Trust and two Stockton firms, Blue Magic Products and California Cedar Products. The Chemistry Department and School of Pharmacy assisted with the project.

The spectrometer is located in a special laboratory room in the South Campus science facility. It consists of a computer console and super conducting magnet that is very energy efficient, explained Spreer, who said the device is used in physical biochemistry and organic and medicinal chemistry.

"It allows us to determine the structure and dynamic properties of molecules," said Dr. Michael J. Minch, a chemistry professor. He said the computer driven instrument is used by both students and faculty members in "measuring the absorption of radio frequency energy by molecules held in an intense magnetic field."

Spreer said UOP is the only West Coast university with such an instrument that is primarily an undergraduate teaching institution.

McCaffrey Responds To Faculty Vote

A program to improve communications within the campus community was launched in January with a meeting of the faculty's Academic Council Executive Board and the Academic Affairs Committee of the Board of Regents.

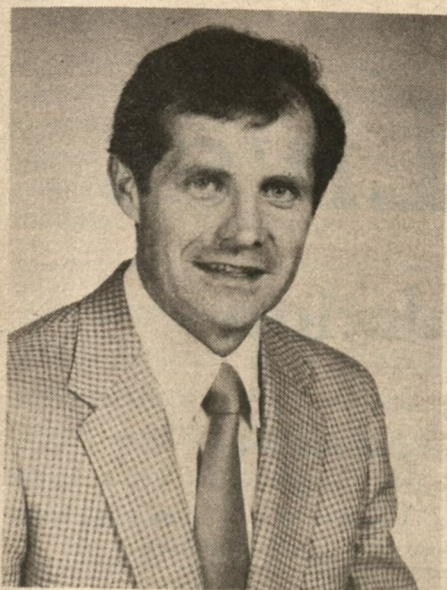
The meeting was the result of a program announced at an All-University meeting in December by President Stanley E. McCaffrey in response to a vote of "no confidence" in the governance procedures of his administration by the faculty of the University.

At the December meeting, McCaffrey outlined a nine-point program that included the session he arranged between the faculty and Regents. The president termed the meeting between the Regents and faculty "very constructive. It represents the beginning of a period of cooperation which will be beneficial in meeting the problems of the University and strengthening the overall academic program, all for the benefit of the students at the University."

The vote of no confidence in governance procedures came after McCaffrey announced that he planned to recommend the selection of Dr. Oscar T. Jarvis as academic vice president. The faculty were upset by a lack of involvement in the selection process and decision by McCaffrey and the Regents to make the appointment from within the University without a nationwide search. The Academic Council leadership emphasized their position was not in opposition to Jarvis, the former dean of the UOP School of Education, as an individual. Jarvis had been named acting academic vice president after the death of Dr. Clifford J. Hand.

Results of the faculty vote were 170 no confidence, 98 confidence, 39 abstain, and 30 not choosing to take part. The remaining 71 of the 408 eligible voters did not return the ballot.

At its January meeting, the Regents approved the selection of Jarvis as Academic Vice President and passed a resolution "affirming its confidence in the president of the University," and calling for "cooperative efforts among all segments of the campus community."



Terry Liskevych

Volleyball Honors

UOP women's volleyball coach Terry Liskevych has been named NCAA Coach of the Year after leading the Tigers to fourth place in the nation.

The team, which compiled a 37-4 record, won their league championship. Three UOP players, Jan Saunders, Eileen Dempster and Julie Maginot, were named All-Americans. Saunders and Dempster made the 12-member team, with Maginot receiving an Honorable Mention award. Maginot also was named an Academic All-American by the NCAA. Saunders made the first team last year, with Dempster an Honorable Mention.

The Tigers advanced to the Final Four for the fourth time in five years when they won the Regional Tournament at UOP with victories over UC Berkeley and Cal Poly-San Luis Obispo. At Lexington, Kentucky they were upset by UCLA in the semi-finals and then lost to Stanford in the match for third place. Hawaii won the NCAA title for the second straight year by defeating UCLA.

Law Journal Views Bankruptcy

Bankruptcy is one of the items covered in the current issue of the *Pacific Law Journal* that is published quarterly by UOP's McGeorge School of Law in Sacramento.

Three articles written by lawyers in the current issue deal with bankruptcy proceedings, unlicensed midwife practices in California, and the state's statute of limitations.

A comments section by McGeorge students deals with the closure rule in child custody cases, state corporation tax laws, emotional distress legislation, stricter controls for gun manufacturers, and reporting child abuse.

Satellite Program For Business Classes

Business students at the University recently learned about foreign trade and investment in a unique teleconference.

"Operation Opportunity" involved a two-hour program transmitted via satellite from Washington, D.C. It was viewed on campus and by a nationwide audience of some 5,000 business executives in 50 major American cities.

The program, arranged by eight federal agencies, focused on a series of actual case studies highlighting how U.S. government programs have assisted American businesses in pursuing overseas opportunities.

Dr. Donald G. Halper, a professor at the School of Business and Public Administration, arranged for the program to be viewed on campus with the assistance of Sak's TV of Lodi. The program was seen by approximately 60 students in classes on international management.



Researchers View Nuclear War Movie

The controversial television movie "The Day After" apparently had little effect on changing people's attitudes regarding nuclear war, according to research findings that involved University educators.

Dr. Judith L. Van Hoorn and Dr. Dennis C. Brennan of the School of Education and Dr. Perrin L. French of the Stanford Medical School directed the study. It involved a survey of some 1,300 people in Stockton, Turlock and Palo Alto before and after the ABC movie was aired on Nov. 20.

"An analysis of our findings shows that the movie didn't alter people's position regarding nuclear war," explained Van Hoorn. "This refutes those who claimed the movie would radically alter opinions. It also showed that a large majority - nearly 90 percent - feel there are no causes that justify fighting a nuclear war."

The survey focused on adolescents and young adults because, explained Van Hoorn, these were the age groups thought to be most affected by the movie. "As researchers we were particularly interested in subjects relating to education and mental health," said Van Hoorn.

Other findings included:

- 85 percent felt a U.S.-Russian nuclear war could not be limited in size and location.

- 88 percent felt nuclear war can be prevented.

- 54 percent felt individuals can "do something that might aid in the prevention of nuclear war."

- 69 percent felt there will be a nuclear war between the U.S. and Russia.

- 65 percent thought it likely that they would die in a nuclear war.

- 36 percent, before the movie was shown, think about nuclear war daily or weekly, and this rose to 45 percent after they viewed the movie.

- A series of questions dealing with nuclear weapons indicated a low level of knowledge in this area.

Scholar/Athlete Award Established

A retired University faculty member is establishing an annual award of \$1,000 for the graduating senior woman athlete with the highest academic grade point average.

Elizabeth "Libby" Matson, who retired in 1981, is creating the award. "I believe the faculty and the community should recognize the academic achievement of all athletes," she explained in establishing the honor. "Few understand the rigors of training and the difficulty to maintain excellent grades," she added.

Matson taught in the Physical Education and Recreation Department at UOP from 1945 until her retirement, when she received The Order of Pacific for lengthy and devoted service. The award by Matson will be presented as long as she lives, and the honor will be bestowed at commencement.

Dr. Stanley E. McCaffrey, UOP president, praised the retired faculty member for establishing the "Libby Matson Award." He said, "This constitutes a splendid action and one which all of us at the University deeply appreciate. This recognition of the outstanding senior athlete-scholar is most appropriate and significant."



Alumni Phonathon

The Alumni Board of Directors Development Committee has decided to sponsor several phonathons this academic year to inform the UOP alumni of the continuation of the Irvine matching challenge program.

The first was held in early December, when some 200 alumni were contacted from Burns Tower and pledged \$4,500 toward the Annual Pacific Fund. The next session is planned for late February in Sacramento.

Last year the UOP alumni response to the challenge program led to more than \$200,000 for the University from the Irvine Foundation.

Athletic Director Isaac Retires

Elkin "Ike" Isaac retired in December as athletic director and chairman of the Department of Physical Education and Recreation.

Dr. Thomas Stubbs, assistant athletic director and long-time member of the department, has been named both acting athletic director and acting chairman of the department while a search is conducted for a permanent appointment.

Isaac, 61, held the position for more than four years. He came to the University in 1975 as a professor of sports medicine and kinesiology. Prior to that time he served as athletic director and chairman of the physical education department at Albion College in Michigan.

Isaac had been suffering from health problems in recent months and had been on leave for several weeks preceding his retirement.

Lifelong Learning

Computer courses for children, a class on drug chemistry for attorneys, and professional development offerings for secretaries are among the items listed in the spring schedule of courses available through the University's Office of Lifelong Learning.

"Lifelong learning is designed for all ages," explained program director Durlynn Anema, "and there are no admission requirements and no prerequisites for most of the courses."

Bracelets That Save Lives

Alumna Originates Medic Alert Foundation

CHRISSIE Woolcock Collins '28 could hardly have imagined the impact of a backyard accident in 1953 when her youngest daughter, Linda, suffered a minor cut while in the garden at their Turlock home.

Linda had an allergy to the horse serum base of tetanus antitoxin. She was so sensitive to the serum that she went into anaphylactic shock when tested for reactions to the antitoxin. For four days after the seemingly minor test, Chrissie and her husband, Dr. Marion C. Collins, were not certain their daughter would live.

Linda did survive, and her parents' fears that such an incident could reoccur has led to the development of a world-wide organization that has saved countless lives. Today more than two million persons in some 17 countries wear a distinctive Medic Alert bracelet or medallion that notifies attending medical personnel to conditions that could affect treatment.

Dr. Collins fashioned the first Medic Alert bracelet in 1956 when Linda left their Turlock home to enroll at Stanford University. The development of that small bracelet forever changed the life of Chrissie Collins.

As a youngster growing up in Turlock, Chrissie had an interest in music and became a member of the first class to attend Pacific on the Stockton campus. She was attracted by the reputation of the Conservatory of Music and came to Pacific to study voice.

She well remembers that first year and "wearing rubber boots because of the mud paths between the Administration Building and Weber Hall."

Chrissie recently returned to campus with her granddaughter as a prospective student. It was her first visit since her son, Tom, graduated in 1966. Another daughter, Margaret, also attended Pacific for two years.

She remains a close friend of DeMarcus and Lucy Brown. Lucy lived across the hall from Chrissie, and DeMarcus was already building the theatre and art programs of the college. She also has fond memories of Charles Dennis, who organized the first a cappella choir at Pacific.

Following graduation, Chrissie returned to her home town as music director for the Turlock schools. She soon married Marion Collins, then in his final year of medical school at Northwestern. The young couple later returned to Turlock, where he went into general practice with his father.

The practice grew, and Dr. Collins acquired a major interest in a Turlock hospital. They had four children and were leading what might be termed a typical small-town doctor's family life. Chrissie was active in the Girl Scouts and just last year was recognized for her contributions to that organization as a volunteer for 40 years.

The events of 1953 affected not only the Collins family but have touched thousands of individuals around the world.

After Linda's ordeal, Chrissie went to great lengths to make sure it would not happen again. It became a common practice to notify chaperones at parties concerning Linda's allergy. Chrissie even recalls pinning paper notes on Linda's wrists if she went on a field trip.

"The American Medical Association had talked about methods of identifying persons with similar problems, but they had not settled

on a standard," Chrissie says. "They even considered tatoos, but Linda and I both objected to that."

When Linda decided to attend Stanford and go into nursing, Dr. Collins fashioned the now familiar bracelet. He had a San Francisco jeweler make up 20 of the bracelets; soon the idea began to catch on. Today's Medic Alert emblem is little changed except that it carries the endorsement of the American Medical Association. Numerous other health care agencies also recognize the symbol as a life-saving warning that a patient has a medical condition requiring special attention.

The events of 1953 affected not only the Collins family but have touched thousands of individuals around the world.

"People would see Linda's bracelet, ask about it, and then requests began to come in," Chrissie says. "It became a family project. I would type answers to inquiries, and the children would package the bracelets in the family room."

In the early days all of the bracelets were sterling silver. But soon complaints began to arrive that these would turn black because some people were allergic to the silver. A surgical stainless steel bracelet then became the standard, according to Chrissie. The scope of the problem was obvious from the beginning: More than 200 conditions had been identified as requiring special medical handling.

The first bracelet was developed in 1956. In 1957 a professional education program was launched nationwide. The aim was to bring the idea to the attention of every hospital in the United States and Canada, every county sheriff and police chief in population areas of 10,000 or more, and for all divisions of the Royal Canadian Mounted Police.



Chrissie Collins, a 1928 Pacific graduate, started Medic Alert with her late husband, Dr. Marion C. Collins.

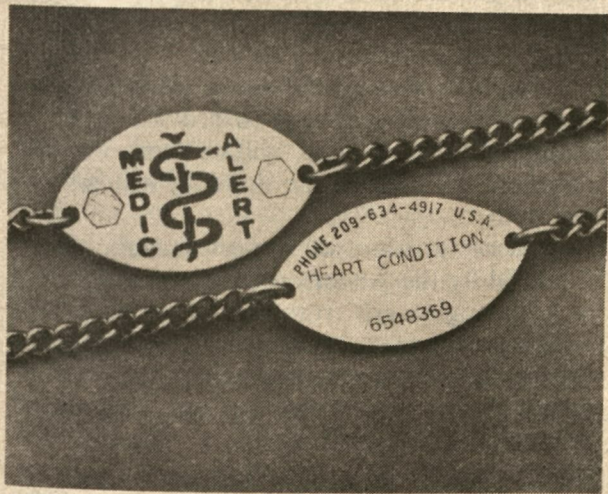
By 1958 some 8,000 persons were wearing the Medic Alert emblem, and operations were moved from the Collins' home to Turlock Community Hospital. An emergency answering service was created, and a system was established for maintaining permanent membership information.

The first bracelet was developed in 1956. In 1957 a professional education program was launched nationwide, and by 1958 some 8,000 persons were wearing the Medic Alert emblem.

A turning point came in 1960 when a freelance writer sold an article on the Medic Alert program to "This Week," a Sunday newspaper supplement. The story was carried by 48 of the largest Sunday papers in the country.

"The following Tuesday we received some 10,000 letters," Chrissie says. At the end of six months more than 100,000 inquiries had been received as a result of the story.

The staggering result of the article led to what has become a backbone of the Medic Alert program -- volunteers.



The Medic Alert emblem has been credited with saving thousands of lives throughout the world.

"All we had was one typewriter and practically no help," Chrissie says. With the huge response, a call for volunteers went out in Turlock and surrounding areas to various organizations, including nursing and medical groups. The response made it possible to meet the requests for information.

Today, there are more than 10,000 volunteers world-wide in the Medic Alert program, including such well known figures as past volunteer chairmen Carol Burnett, Edward Asner, and Lorne Green. In 1980 President Jimmy Carter even proclaimed a National Medic Alert Week.

To reach an even greater number of the 40 million Americans who have life-threatening hidden medical conditions, Medic Alert Foundation is mounting the largest Medic Alert Week campaign in its 27-year history.

Focus of the campaign will be National Medic Alert Week April 1 to 7, 1984.

During that time thousands of individual volunteers and organizations throughout the United States will be conducting local community programs to educate people with hidden medical conditions on the life-saving value of emergency medical identification.

Chrissie's role in the development of Medic Alert became even more significant in the 1970s when Dr. Collins became ill. He retired in 1975 and died in 1977. She has continued as secretary of the organization and still maintains an office at the Medic Alert headquarters.

Chrissie is especially proud of the new Medic Alert building in Turlock. It was completed in 1981... "ahead of schedule, under budget, and totally paid for." The \$2.2 million

facility was financed entirely through donations from individual members, foundations and corporations.

Medic Alert employs over 100 persons in the Turlock headquarters. The new building houses manufacturing, record keeping, printing and mailing facilities, and serves as the location for international meetings of Medic Alert affiliates every three years. Its large cafeteria also is made available for meetings of non-profit groups from Turlock as an expression of appreciation for the contributions the community has made to the organization.

Chrissie still travels a great deal for Medic Alert and makes at least one trip a year "just for myself." Last spring she participated in a month-long tour of China.

She is proud of the accomplishments of the past 30 years, and she is especially appreciative of the volunteers who have helped make a simple idea a life-saving force around the world.

—D.M.

Charitable Lead Trust

How To Help UOP And Reduce Taxes

A generous alumnae from the San Francisco area has established a Charitable Lead Trust with the University of the Pacific as the beneficiary. This lady, a member of one of the late 1930s classes, has just informed the Development Office of her gift to assist the annual scholarship fund of the University.

The trust provides an annuity income of \$14,000 each year for the next 15 years, which will total \$210,000 for scholarship aid. The Charitable Lead Trust's formation was confirmed by a letter from the alumnae's attorney.

A Charitable Lead Trust differs from a Charitable Remainder Unitrust or Annuity Trust. The income for a specified period of years goes to a charitable organization and then the principal sum of the trust can go to members of the donor's family or back to the donor. In a Charitable Remainder Unitrust or Annuity Trust the income is paid to the donor and, after either a specified period of years or the life of the donor, the principal sum is given to the charitable body.

For an individual in high gift and estate tax brackets the lead trust can provide the

vehicle to carry out charitable intentions and pass on great wealth without the consequences of gift and estate taxes. The aim of such a trust can be to provide growth of the trust resources so that the ultimate beneficiary can receive a greatly enhanced sum. The Charitable Lead Trust is authorized by federal tax laws to encourage charitable gifts to qualified organizations, such as the University of the Pacific. UOP is a 50 percent charitable body and has received formal IRS approval.

While the charitable Lead Trust helps avoid federal gift and estate taxes and provides funds for worthy charitable bodies, such a trust can also be constructed to have income tax charitable deductions. In doing so the principal sum must return to the creator of the trust -- the donor -- and this does not help in avoiding federal estate and gift taxes.

Thomas W. Mooney II, director of planned gifts for the University, is willing to help any individual who might be interested in creating a Charitable Lead Trust. He can be reached at (209) 946-2501, or by writing to him at the Development Office, Burns Tower, University of the Pacific, Stockton, CA 95211.

—T.M.

Anderson Hall Abandons Dining And Dancing For Desks



GRADUATES prior to 1959 probably remember it as "the dining hall."

Others may recall it as the men's dining hall after Grace Covell Hall opened in 1959.

Alumni from the late 1960s knew it as one of several dining halls.

More recent graduates know it as the dance studio.

Future alumni will know it as part of the School of Engineering.

Anderson Hall was for many years the center of social activity on the Stockton campus. It was headquarters for Anderson Y, a focal point of student life activities in the early development of the University. Anderson Dining Hall was the first, and for many years the only, central dining facility at Pacific.

This building opened in 1924 as one of the first built on the Stockton campus. Upon its completion, the W.C. Anderson family of San Jose (one of the founders of the FMC Corporation) donated funds to cover the cost of construction. In addition to the dining hall, it included a social room on the east end and headquarters for the Student Christian Association (forerunner of Anderson Y) on the second floor.

Alumni from the early years recall dress dinners, segregated men and women sections, family style meals with a faculty member serving as a table host, and the location for planning numerous nefarious plots that plagued campus administrators.

For example, one morning all the chairs from Anderson Dining Hall had been carefully removed and aligned with precision on the roof of a nearby building. There also were food fights that, in memory at least, rival scenes from the recent "Animal House" movie.

This site of nostalgia is about to undergo a major transformation, due primarily to the unprecedented expansion of the School of Engineering.

Completion of Khoury Hall was to meet immediate needs of the school. But no sooner was the building occupied than it became obvious that a planned expansion into Anderson Hall must take place immediately if the needs of the school were to be met.

The College of the Pacific was given notice last fall that new quarters had to be found for its dance program, due to expansion of engineering facilities.

Anderson Dining Hall had become the dance studio in the 1970s when the opening of the University Center made it obsolete as an efficient dining facility.

Paul Fairbrook, director of auxiliary services, says that nearly \$50,000 per year was saved when the dining hall was closed. Students were given the option of using their meal tickets in the University Center.

Remodeling of Anderson Dining Hall is scheduled to begin this spring, with completion by June. Included in the remodeling will be the second-floor classroom that originally was the headquarters for Anderson Y. This classroom already is being used by the School of Engineering, but the large area is to be divided into two separate rooms for about 45 students each.

The first floor of this section of the building houses the Gold Room, a formal reception lounge that was refurbished during the past year. It will remain as an area for general University use.

Older alumni will remember this area as the Music Room, the location for periodic gatherings of students and faculty to enjoy an extensive collection of classical records that had been given to Pacific.

Anderson Dining Hall itself will be converted to two stories. The open-beamed ceiling will remain on the second floor, which will become primarily a study lounge with a large central open area and individual work spaces on either side. The lower level will become two

relatively large classrooms seating up to 90 students each.

The area along the west side of the building that some former students will remember as food service offices (and earlier graduates knew as a small formal dining area and an apartment) is being converted to six faculty offices. ASUOP's loan store will continue to occupy a portion of this section of the building. Food service offices will be moved to Banister Hall.

A porch area on the south side that was enclosed several years ago to provide more dining hall seating space will be removed. The original brick face of the building will be restored.

Newer portions of Anderson Hall, also financed by the Anderson family and specifically through a gift from Mrs. Anderson, will remain unchanged. Included are the Regents Dining Room (once referred to as the President's Dining Room) and a north wing added originally to house Anderson Y. The University Career Planning and Placement Center is located on the ground floor of this wing, with the Community Involvement Program housed on the second floor.

The remodeling project will give the School of Engineering four principal locations: Baun Hall, which includes the administrative office and most of the civil engineering facilities; Khoury Hall, opened last year and primarily designed for mechanical engineering; the Fluids Lab, and the Anderson Hall facilities designed for electrical and computer engineering.

Total enrollment of the school has now surpassed 600 students. Just 15 years ago less than 50 students were enrolled in engineering programs at Pacific.

The remodeling means a new life for Anderson Hall and the development of new memories for future generations.

—D.M.

Pacific Profiles

Jim Hodge

JIM Hodge was glad to see Homecoming go. Appointed parade coordinator last spring, he spent the better part of the summer and most of the fall organizing the event (which, incidentally, came off without a hitch). What did the sophomore business/marketing major gain from the experience? "Diplomacy," he says, "and how to change my title to get things done." He found director of homecoming carried more clout than parade coordinator when he peddled his sponsorships.

With Homecoming over, Jim pedals harder than ever. He discovered an interest in bicycling last year and indulges in a daily tour of Stockton to relieve sophomore stress. He plans to enter his first competition, a 200-mile double century race in Davis, in May and trains 30 miles each day.

At home in Los Angeles, Jim's mother would rather have him reaching for piano pedals. He slipped a few hours of practice in among his final exams the week before Christmas break to prepare for her inevitable requests. Until he was 16, Jim wanted to be a concert pianist, but he couldn't see himself putting in the practice it would take for the rest of his life. Today, he plays a trombone in the marching and varsity bands, and plans (really, Mom), to take piano lessons as soon as he can work them into his schedule.

Despite a full load of classes, Jim stays active in Delta Sigma Pi, a professional business fraternity, and the American Marketing Association Club on campus. He hopes a part-time job as campus representative for Bekins Moving and Storage will provide good experience toward his career goal of being a marketing executive.

Will he tackle Homecoming '84 this year? No thanks, says Hodge. He'd like to celebrate it from the sidelines next year -- with everyone else.



Jim Hodge bicycles 30 miles a day.

Craig Healy

CRAIG Healy hopes to take a break from his studies at the UOP dental school next summer to compete in the Olympic Games in Los Angeles.

Healy, 26, is an expert in sailing and currently is rated first in the U.S. in the Finn Dinky competition. "There are seven different sailing classes in the Olympics," he explains, "and the Finn is one of these. It's a one-man boat that has been part of Olympic competition since 1952." He says the craft is 15 feet long, five feet wide, weighs about 320 pounds and has a large sail area of some 112 square feet.

Healy, now in his first year at the dental school, was raised in the Bay Area and graduated from UC Berkeley last year. He has been sailing for 12 years and raced in the Finn Dinky class for the past four years at regattas throughout the country. Along the way he has won the National and North American championships.

Only one American will be selected in the Finn competition, he explains in saying his rating as the top U.S. sailor in this event for the last two years should help him make the team, which will be chosen at races next May. The race at the Olympics will be at Long Beach and involve a 10-mile triangular course in the ocean.

Healy is training some 20 hours a week, which includes extensive sailing on San Francisco Bay, plus treadmill workouts, weight training and an extensive stretching program. He acknowledges that balancing his training with dental studies makes for long days, but that the chance to compete in the Olympics makes the effort worthwhile.



Craig Healy hopes to sail in the Olympics.

Steve Kovisto

STUDENTS select UOP for their college education for a variety of reasons, but one factor missing from the Pacific experience almost kept Steve Kovisto away.

Kovisto, a computer science major, likes running. UOP has no track to run on, no track team and no cross country squad.

"I almost selected UC Santa Barbara because they did have a running program," explains Kovisto, "but in the end I liked the people here, the small size of the campus and the academics."

Kovisto, a junior from San Ramon, has become one of the fastest runners in Stockton during his years at Pacific. He has won several local road races and recently placed fourth in the UOP Homecoming Race with a time for five kilometers (3.1 miles) of 15:34. This converts to a per mile pace of 5:02, and during this race he recorded personal bests at one mile (4:44) and two miles (9:52). His previous best marks (4:49 and 10:19) were at track races in high school.

The 20-year-old student also has recorded personal bests of 25:29 for five miles and 53:45 for 10 miles.

One of the advantages of attending Pacific, close student-faculty relationships, has been exemplified through Kovisto's running. His faculty adviser, mathematics professor Roy Bergstrom, enjoys the same sport. They frequently go on training runs together with other members of the UOP campus community. "A friend from high school, who now attends UC Davis, attended a race here" recalls Kovisto, "and he couldn't believe it when he found out Roy was my adviser because we were visiting at the race and even went out for pizza afterwards."

Kovisto, who logs about 50 miles per week, usually races twice a month. He recently joined the Capital City Flyers, a running club in Sacramento.



Steve Kovisto is one of the fastest runners in Stockton.

ONE would never guess that scientific research is considered secondary to the teaching mission after checking the credits of several University faculty members.

Pacific may be the place where close student-faculty relationships are stressed, and the emphasis is clearly on teaching. But this is not achieved at the exclusion of scientific inquiry.

Several members of the faculty have international reputations in their field and have been invited to prestigious gatherings pertaining to their disciplines. Many with national reputations receive grants in the six figure range on a regular basis. Several of these individuals are noted in the adjacent story. The fields these scholars represent - pharmacy, dentistry, physics, engineering, biology and chemistry - are indicative of the breadth of the University. Other fields could easily have been added, but the scope of this inquiry into research is limited to these disciplines.

Several University officials have responsibilities in the area of scientific research, and they all were adamant in supporting this activity.

"Pacific has encouraged scientific research in the past, and I feel it is important to do this in the future," says Dr. Oscar T. Jarvis, academic vice president. He notes that research, along with teaching and service, constitute the three main goals of the University.

The 1983 annual report from the Academic Vice President's Office, which was prepared by the late Dr. Clifford J. Hand, lists numerous scholarly activity grants awarded to faculty in scientific fields. Eighteen of the

grant applications noted in the report involved this area.

The section listing publications by UOP faculty members included 28 individuals with 58 entries pertaining to scientific pursuits. In addition, 46 scientific presentations were made at professional gatherings and workshops by 19 different faculty members.

Much of this activity is channeled through the Faculty Research Committee that is chaired by Dr. David S. Fries of the School of Pharmacy. This committee allocates some \$11,000 each year in University funds for research work, recommends policy dealing with research to the Academic Council, and maintains a research policy handbook.

"In science, research keeps the faculty at the forefront of knowledge in their field. This separates a trade school from a university."

"When you are trained to do research, and those of us with doctorates are, you are letting yourself down personally if you don't pursue it," explains Fries, who has received some \$100,000 in research funding in recent years for his work in the development of new pain killing drugs. "Research keeps your mind

Research Keeps Science F

active, and it keeps you up to date in the sciences," he adds.

Dr. Warren J. Schneider, dean of the School of Pharmacy, elaborates on this point: "In science we feel research keeps the faculty at the forefront of knowledge in their field. This is what separates a trade school from a university. Without research, some say you have a sterile atmosphere."

Dr. Roy A. Whiteker is familiar with scientific research from two perspectives. He is dean of College of the Pacific, where extensive research is carried out by chemistry, biology and physics faculty members. He also spent 16 years in the science field as a chemistry professor.

"Our most important role is the teaching," he explains, "but research is important because it makes you much more alive as a teacher. It forces you to stay up with the trends in your field and generally contributes to your feeling as a scientist."

Adds Fries, "Research prevents faculty from becoming mediocre. You can get stale real fast, and I've seen it happen." So, ap-

Who's Who In Sc

SCIENTIFIC research is a high priority for the following University faculty members. These individuals are known, in most cases throughout the world, for their specialized expertise in diverse research fields. The list is not complete for all disciplines, but it does provide a measure of continuing scientific inquiry by University faculty members.



Dr. Marvin H. Malone, School of Pharmacy, is an expert on natural drug products. He is a consultant to the World Health Organization and served five years as editor of the *American Journal of Pharmaceutical Education*. He has published more than 200 articles and abstracts in professional journals.

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Dr. Carl E. Wulfman, Physics Department, is known throughout the world for his work dealing with the theory of groups and differential equations. He has developed a new mathematical system for his research and has been supported by U.S. and foreign governments during lecture tours and research work in Japan, Mexico, Israel, Great Britain, Canada and New Zealand.

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Dr. Robert C. Johanson, School of Engineering, uses mathematical models to study the behavior of pesticides in soil, rivers and lakes. He was one of 12 U.S. scientists invited to Russia two years ago for a symposium on this topic.



Dr. Paul A. Richmond, Biological Sciences Department, is a specialist in plant cell wall research. He was one of 10 Americans selected to address a conference in Europe on this subject, and he serves as a Visiting Scientist on a \$300,000 University of California research project.

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eps Faculty At Frontier

parently, has Whiteker. "There is nothing more deadly than teaching the same course over and over for 20 years. The faculty need to interject new material and remain intellectually alive," he says. "A scientist must stay up to date with what is going on, and the best way to achieve this is research, which can permeate your teaching."

"There is nothing more deadly than teaching the same course over and over for 20 years. The faculty need to interject new material and remain intellectually alive."

At the School of Engineering, Dr. Robert L. Heyborne, the dean, says students are continually exposed to a form of research by their participation in the school's cooperative education program. "This gives our students exposure to the field through direct experience with engineering firms, and it also benefits the faculty," he says.

"Faculty members who engage in scientific research can speak from direct experience to their classes," says Jarvis. "They become more than consumers of research. They are contributing to the knowledge base in their fields of expertise."

Whiteker says there is no publish or perish atmosphere regarding scientific research at Pacific. But he, and several others, acknowledged that faculty evaluations include provisions for professional growth and development, which means research.

Jarvis and Fries both feel any pressures on faculty in this area are more internal than external. They indicate most faculty members with scientific interests are self-motivated to pursue their activity, with little outside pressures.

The structure of the University recognizes the role of scientific research. Dr. Reuben W. Smith holds the title of director of sponsored programs and research, in addition to his duties as dean of the Graduate School. The School of Dentistry and School of Pharmacy also have personnel in similar slots. Dr. Gunnar Ryge is the assistant dean for research at the dental school in San Francisco. Dr. Ravindra C. Vasavada in pharmacy is director of graduate studies and research, in addition to his teaching responsibilities.

Smith views his position as assisting faculty members in obtaining research grants and other related activities. Schneider says the position for Vasavada is compatible with his graduate responsibilities because of the research thrust of students at this level.

Dr. Arthur A. Dugoni, dean of the dental school, explains that when the current facility was built the sixth floor was dedicated to research. Ryge, who has an international reputation in dental materials research and quality evaluation, was named to direct these operations. In addition to bringing in \$100,000 grants for scientific research, Ryge's reputation, according to Dugoni, has helped attract many young faculty to the school for research activities.

"The quality of our research effort is well known," says Dugoni in mentioning faculty members like Dr. Giuseppe Inesi and Dr. W. Eugene Roberts. Inesi is internationally respected for his work in muscle cell research. Roberts has an annual contract of about \$180,000 from NASA, where he is a scientific consultant on bone research in space flights.

The value of scientific research was outlined in the 1981 report of the President's Commission on the Future of the University. A stated objective for Pacific is "to encourage each of the schools and colleges to support research, publication and similar scholarly and creative activities by faculty members."

The report says research is desirable because:

-- It strengthens both the undergraduate and graduate programs. Education designed to

Science At Pacific



Dr. Michael J. Minch, Chemistry Department, is concerned with the interaction of proteins with DNA and the design of detergents that serve as catalysts for reactions. He has made seven presentations before American Chemical

Society meetings, reviews articles for chemistry journals and reviews proposals for the National Science Foundation.



Dr. W. Eugene Roberts, School of Dentistry, is known internationally for his work in bone research. He is a scientific consultant to NASA, with an annual budget from the space agency of \$180,000, and he serves on the NASA

space station planning committee for life science experiments.



Dr. James W. Blankenship, School of Pharmacy, specializes in cell division and growth that relates to cancer research. He has received \$600,000 in research funding during the past eight years.



Dr. Donald Y. Shirachi, School of Pharmacy, is known for cancer research pertaining to studies of arsenic in drinking water. He has received grants from the federal Environmental Protection Agency, and he has been awarded more than \$400,000 for research work during the last four years.

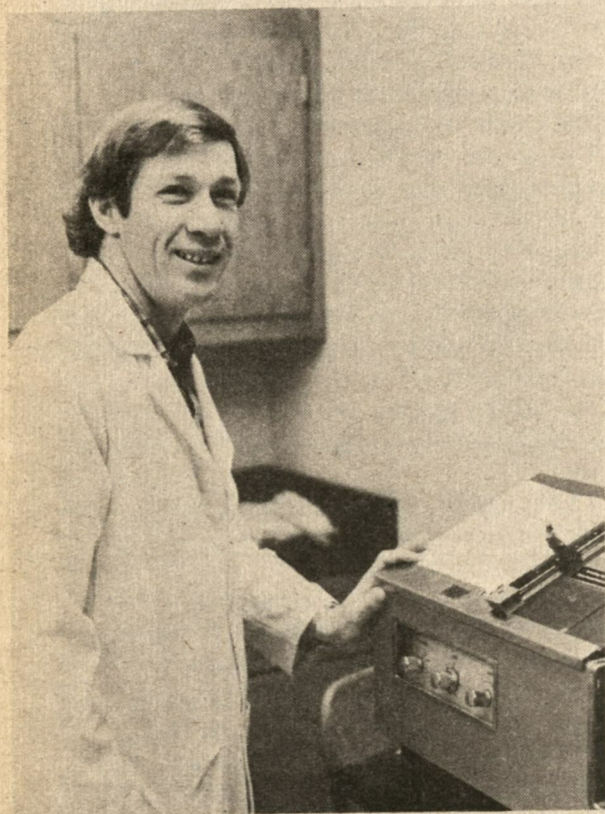


Dr. Giuseppe Inesi, School of Dentistry, is a worldwide expert on muscle cells. He has received \$1.1 million during the last five years from the National Institutes of Health, and he is an Established Investigator of the American Heart Association.



Dr. Dale W. McNeal, Biological Sciences Department, is a botanist whose expertise involves the classification of plants and their evolutionary relationships. He has twice been invited to Russia to collect plant specimens (less than 20

Americans have received this honor), and he is a contributor to a book on the flowering plants of California.



Dr. David S. Fries of the School of Pharmacy is chairman of the Faculty Research Committee.

develop a student's research skills could not flourish in a setting devoid of faculty research.

-- The presence of productive research, creative work and professional activity promotes favorable mention of the University in the press, at professional meetings...and thereby aids in attracting highly qualified undergraduate and graduate students to the University.

-- Research grants often bring added capital to the University in the form of overhead costs, faculty release-time funds and fringe benefit recoveries.

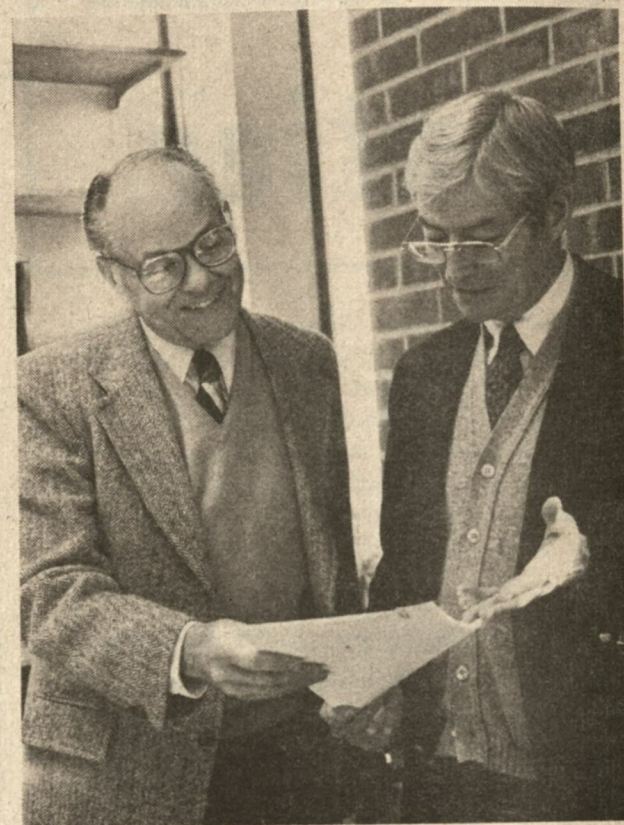
The commission report also discusses the value of research for undergraduate students, which is a topic that interests Fries.

"One of the best ways to reach an undergraduate student is through research," he says. "The students tend to have more respect for professors doing research. This is a way to really turn a student on to science because some of them perform better in a laboratory than at an examination."

The report encourages undergraduate participation in research work. "This important experiential opportunity should be made more widely available to UOP students," says the report. "It demonstrates how their classroom learning can be put into practice, allows them to participate in professional activities within their field, and enables them to experience the excitement and frustration of the creative process."

Several faculty members feel interest in scientific research is increasing at Pacific. Jarvis attributes this to the type of faculty member attracted to the University during the last several years. "Many scientists like our type of institution," explains Jarvis, "because it is not a large, sprawling campus." Adds Whiteker, "Someone wanting a balance between teaching and research would be attracted to Pacific."

The teaching perspective of Pacific, however, can be seen as a liability in terms of scientific research. Many funding sources are



COP Dean Dr. Roy A. Whiteker, left, talks with Graduate School Dean Reuben W. Smith. Whiteker spent 16 years as a chemistry professor, and Smith's duties at UOP include director of sponsored programs and research.

hesitant to award large grants to an institution without extensive doctoral programs.

"Faculty who want to do research here have to overcome the problem of an image of Pacific as primarily an undergraduate teaching institution," says Fries. He feels this image is changing, "but it's a slow process. I see a need for research support on campus, and one of the reasons I'm on this committee is to try and change attitudes and policy in this area."

Dugoni feels the teaching thrust of the Stockton campus doesn't present a liability for his faculty when they solicit research funding. "However," he adds, "our position certainly would be enhanced if the intensity of research was greater on the Stockton campus."

To help the visibility of research at the University, Fries notes that the Faculty Research Committee has developed some goals. These include instituting the annual faculty research lecture (the first one is planned in February), trying to establish a local chapter of Sigma Xi, the national scientific research society, and trying to develop a research fund to attract money to UOP for the sole purpose of supporting scientific research.

Smith feels much can be accomplished in terms of research at Pacific. He cites Harvey Mudd College in Southern California as an example of a solid undergraduate college that still produces significant research. He feels the problem at UOP is insufficient time available for faculty members to pursue scientific inquiry because of numerous other responsibilities.

And what is certainly their greatest responsibility is teaching. But scientific research for many faculty at this University is clearly not a low priority item.

—R.D.



Dr. Alex T. Granik, Physics Department, is concerned with the physics of liquids and gases that are conducting electricity. He contributes to various journals on physics and participated in the Eighth International Congress

on Mathematical Physics. Last summer he served as liaison between two groups of research scientists at UC Berkeley on matters pertaining to astronomy and theoretical physics.



Dr. Kathryn A. Taubert, School of Pharmacy, is an expert in heart research and drug interactions. She has addressed the Federation of American Societies for Experimental Biology, received grants from the American Heart Association

and National Institutes of Health and participated in \$400,000 in research work over the last several years.



Dr. Paul H. Gross, Chemistry Department, specializes in carbohydrate or sugar chemistry. He has published more than 40 articles for international journals in his field and reviewed chemistry curriculums for colleges in Europe.



Dr. Richard Tenaza, Biological Sciences Department, specializes in animal behavior and communication. His work is widely cited in animal behavior textbooks, and he is a fellow of both the Royal Geographic Society of London and

Explorers Club of New York. He also is U.S. regional representative for the East African Wildlife Society.

Foot-Stomping Mentor Leads

Lady Tigers

NEXT to her desk hangs a bronze spike-shoe heel mounted on a plaque. It was given to her by the women's basketball team at the University of Nevada-Reno in memory of all the heels she broke on the sidelines during their games.

Now that Julie Hickey has returned to the University of the Pacific to take over as women's basketball coach, she can still be seen on the sidelines stomping her feet in moments of emotion while her Lady Tigers, currently 9-2, stomp opponents.

Hickey returns to Pacific after a two-year interim at UNR, where she compiled a 22-33 record. At UOP from 1976 to 1981 she was assistant to former head coach Mark French. During this period the Lady Tigers posted a 36-18 mark and had their best season ever in 1980-81, when they went 20-7.

"I'm so happy about being back here," says Hickey. "I enjoy the staff and administration within our department. They're genuinely concerned about the teams here. They are very professional and organized and great to work with."

"It also makes me proud," she continues, "to coach at a university where students are students first - not just athletes. Not all student-athletes are in an environment such as Pacific, which is conducive to getting a degree

"It makes me proud to coach at a university where students are students first - not just athletes."

in their hands and having a future." Hickey wants her players to be good students as well as good athletes. She recently was pleased to receive a note from a biology professor commenting on the fine classwork of one of her players.

Hickey also brings with her an attitude of enthusiasm and confidence that has definitely rubbed off on her team. The Lady Tigers had their biggest win of the season with a 101-62 trouncing of Seattle Pacific on Dec. 19.

"The attitude (of the team) is due to a combination of things," says Hickey. "It's because of what Martha (assistant coach Martha Hutchinson) and I believe in. It takes all of us to win. Everyone is important, and everyone has a job. The players are to a point of knowing that they're good basketball players and having self-confidence. It's important for them to have self-confidence, but not to be 'cocky.' For the players, the most important thing is to play a game, that's why you work so hard toward the game," she adds.

Hickey feels that the biggest strengths her team has are attitude and hard work. What Hickey has them emphasizing is aggressive defense and running the ball with control.

"We work a lot on tough defense," she says, "and blocking out the rebound. We like to play aggressive defense because we don't believe in giving anybody anything. We want

to make our opponents work. Pressure defense causes several things to happen," she explains. "For one thing, it causes the other team to make mistakes. When you get the rebound, it's much easier to run the ball, and we like to run the ball. Control, though, is the key between 'run and gun' and running the ball with discipline."

In her own college days, Hickey specialized in defense and ballhandling as a 5' 4" point guard and four-year letter winner at Stephen F. Austin University in Texas. It was one of the premiere women's basketball programs in the country. She helped the Ladyjacks to a 30-5 record in 1978 and victories over three of the top four finishers in the AIAW Tournament.

Hickey graduated from Stephen F. Austin with a B.S. degree in physical education and a teaching certificate in 1979. She received her master's degree in physical education, with an emphasis in coaching psychology, from UOP in 1981.

Hutchinson is in her third year as an assistant coach for the Lady Tigers. "Martha does a really good job and helps the program a lot," praises Hickey.

After a four-year varsity career at the University of Illinois, Hutchinson came to Pacific to assist French. She was the Illini team captain her senior year, and she is still among the career top ten leaders in points scored, rebounds and assists.

As well as coaching, Hutchinson's responsibilities include monitoring the players' academics and recruiting. The 24-year-old native of Golden, Colorado received a degree in recreation from Illinois in 1982. She is currently pursuing a master's degree in psychology of coaching at UOP.

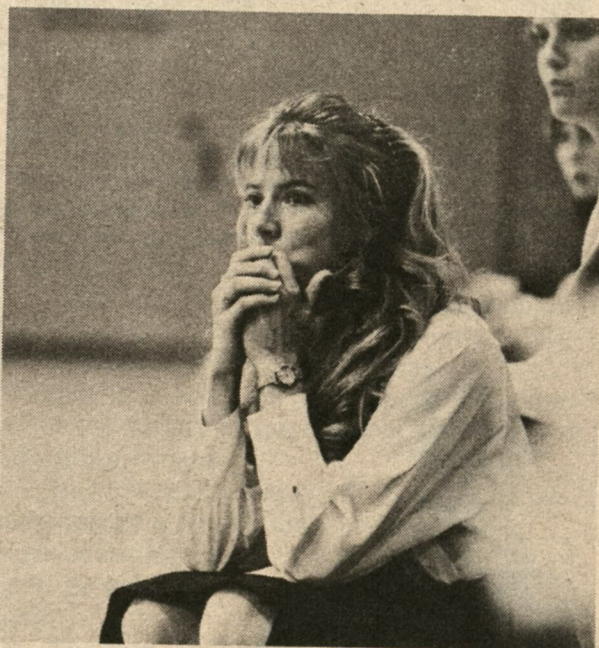
Some leading players for the Lady Tigers thus far this season have been sophomore Janet Whitney, senior Joy Dana and juniors Jane Romberg and Mary Lary.

Whitney, a 6' 1" forward out of Fresno, currently leads the team with an average of 15.4 points per game. Dana, a 6' 3" center and native of Colusa, has been averaging 15 points per game and took NorPac Player-of-the-Week honors for the week of Dec. 5. Romberg has been averaging 12.6, and the 6' 2" forward from McKinleyville leads the team in rebounds with 10.6 per game.

The Tiger defense has been sparked by Lary, a 5' 5" guard and junior college transfer from Downey. She leads the team in assists (33) and steals (21), and, along with teammates Sandy Kline and Shellie Linden, has been intimidating opponents in the Tiger backcourt.

As Hickey says, "Hard work has to pay off eventually." She hopes it will result in improvement in the NorPac standings for the Lady Tigers, who finished sixth last year with a 6-6 conference mark and 14-13 overall record.

-- K.K.



Women's basketball coach Julie Hickey is emotional, and her moods change with the flow of the action on the court.

The Nonconventional Non-Conservatory Band



JEREMY Jones unfolds his music stand in the middle of the living room, leans across it to nab a strip of Armenian string cheese from a plate on the coffee table, then raps the metal with a pencil to call the group's attention. December's practice of the award-winning University of the Pacific Non-Conservatory Band commences.

"Which book are we in?"

"S.B."

"Oh. The Simple Book."

"Anybody seen Herr Duns today?"

"Reuben coming?"

"When is our big performance. Friday?"

"No. Thursday."

"Oh no."

A conflict. Drummer Ralph Saroyan has plans Thursday. "I guess we'll have to drop 'The Little Drummer Boy' from the program," says Jones.

The rest of the eight-member band arrive, and the otherwise unlikely collection of academicians settle into their places in the familiar practice hall, Saroyan's living room. Assorted brass strain for a common note. Dissonance. Good enough. The last thing they want is to be accused of getting too much practice.

"Now, where's that Peter Cottontail rendition of 'Here Comes Santa'?"

The band has been invited, for the fourth year in a row, to entertain the College of the Pacific secretaries at their annual Christmas luncheon. And, following tradition, they'll play backup for the Easter Bunny as he hops in to deliver gifts, filling in for Santa at this busy time of year.

Though one of its longest running return engagements, the COP lunch is not necessarily the group's most unusual gig. In its six-year history the band has performed in the Homecoming Parade four times. They frequently receive requests to play at interesting and important events such as tree plantings, various mixers and receptions. In 1982, the musicians' services brought \$115 at a fundraising auction, but the winner never collected his prize. On another memorable occasion, they played German marches in a program where they were billed as a Dixieland band. "Memorable" is not an adjective frequently used in conjunction with our group," admits conductor Jones.

Accounts of the band's genesis differ depending on the source. None of the members remember, or at least not in great detail, how things got started. Jerry Briscoe, a professor of political science, insists it began with his ad, "amateur clarinetist looking for a band," in



Clockwise from top: Duns, Dochterman, Smith, Briscoe, Saroyan, Jones and Hankins gather for a monthly rehearsal. Fletcher (far left), who missed practice, joins the others for the COP Secretaries' Christmas luncheon. Conductor Jones models a former uniform. The tennies are orange.



the University Bulletin in the spring of 1977. Jones, the director of development and a "semi-professional" clarinet and saxophone player, answered the ad. Next, Jones recruited fellow development officer and saxophonist Mitchell Perry, Vice President/Executive Assistant Clifford Dochterman and his baritone, professor of communication arts (now Associate Dean of COP) Donald Duns and his trombone, and Jones' daughter Tracey, a UOP student and clarinetist.

The band assembled just in time to enter the first Student/Faculty Talent Show, and



there acquired its award-winning status. Dressed in shorts with suspenders, knee socks and German caps, the musicians entertained the audience with a few German marches and won first prize for the funniest act. It didn't seem to matter that they weren't entered in that category.

Since that fateful day, awards elude them. Wearing their lederhosen and riding on the Coors beer truck, they received a certificate recognizing their spirited participation in their first Homecoming Parade. In subsequent years, however, they have escaped notice despite their entering different categories and trying different uniforms.

"I think there's been a conspiracy to keep us from winning in the parade," says Duns. "We have maneuvered and manipulated in every way, but never can win an award."

"In the 1981 parade," affirms Jones, "we didn't win, and I was able to get a copy of the judges' rating sheets. (His office is next to the Alumni Office, where such confidential materials are kept.) We got two high marks, and one very low one -- almost zero. The low score came from a faculty member, and we want him to know that we know who he is."

Uniforms are not the only things the band has changed through the years. Their repertoire has expanded to include some jazz and classical pieces, as well as traditional favorites, and, of course, Christmas carols. "When we were a German band we knew just three pieces," recalls Dochterman. "Then someone bought a new songbook and changed the whole thing."

Membership, too, has expanded to include George Hankins, an associate professor of electrical engineering on clarinet, David Fletcher, an associate professor of civil engineering on trumpet, Saroyan, director of student services at the School of Pharmacy and the only one who played in the UOP Marching Band as a student, on the drums, and Reuben Smith, dean of the Graduate School, who started as a trumpet player but consented to take up the tuba when Fletcher joined. (Smith prefers French horn, but the band doesn't have a part for it.) Tracey Jones graduated, and Mitch Perry opened a professional counseling office off campus, so the number stands at eight. Occasionally, a substitute of reknown, such as Conservatory of Music Dean Carl Nosse, fills in for an absentee.

At present, the band seeks no more musicians -- the antique beer truck they ride in parades only holds eight. Uniforms, though, are another story. Currently outfitted in the UOP Marching Band's old orange jackets (that have led them to be confused with food service caterers), they remain open to suggestions, and contributions. Something to cinch a prize in next year's parade would be particularly welcome.

—P.Y.M.

Reflections

Missing: One 7.5 Ton Rock

MAGICIAN David Copperfield couldn't have done it better.

The traditional "engineering rock" located outside Baun Hall had disappeared, and no one seemed to understand where it had gone. At least no one was saying.

That same 7.5 ton rock which has been painted a myriad of colors and designs over the last two decades had disappeared without a trace.

In a tradition dating back to 1961, engineering students have been painting the rock green on St. Patrick's Day in observance of the patron saint of engineers.

The tradition began when the engineering Class of 1961 decided the school needed a blarney stone to kiss each St. Patrick's Day. Tom Duecker and others borrowed a dump truck, drove up into the Mother Lode, and returned with the rock. From then on freshmen engineering students have been required to paint the rock green and then kiss it, along with other harmless activities in celebration with their fellow students and professors.

Since that time the rock has been painted not only by engineering students, but also by other campus groups on the average of 20 to 30 times each year, estimates Larry Hill, director of the School of Engineering's Cooperative Education Program.

In 1974 engineering students decided the rock needed a facelift and sandblasted the green schist limestone until layer upon layer of paint peeled away. All so that they could begin again.

The night before the U.S. Skylab satellite was about to crash to earth, engineering students painted the concrete slab in front of Baun Hall a bright red, white and blue bulls-eye and wrapped the rock in tin foil.

One year the Society of Women Engineers painted the rock pink with red hearts and wrapped a red ribbon around it.

Part of the lore surrounding the rock is that no one has ever been seen doing the painting. This is always done at night, or at least when no one is around to see it, notes Hill.

In the mid-70s, however, a series of unfortunate events led to the eventual disappearance of the rock. Students, in their enthusiasm, began painting not only the rock, but also the concrete slab and benches. The paint often was tracked into Baun Hall and along the nearby sidewalks.

Defacement of property reached a critical point one evening in 1979. When Dean Robert Heyborne was leaving Baun Hall around midnight, he saw not only the rock, concrete slab and benches all slathered with paint, but the front of Baun Hall was splattered as well.

"It had gotten to the point where it wasn't fun anymore," recalls Heyborne. "It became totally out of control."

Faced with the dean's warning to halt this practice, leaders in the School of Engineering appealed to the campus community to stop the vandalism. Letters to the *Pacifican* were written urging fellow students to abstain from abusing the privilege of painting the rock. The vandalism continued.

The problem eventually took care of itself. Heyborne suggested that the architect's office devise a designated sandbox area formed by a concrete perimeter. The sandbox, he said, could be placed in the quadrangle formed by Baun Hall, Khoury Hall and Anderson Hall and thus be far enough away from the buildings to discourage further vandalism. Also, the sand would absorb the splattered paint and eliminate footprints on sidewalks and in buildings.

During the construction of Khoury Hall, the mechanical engineering facility located between Baun Hall and Southwest Hall, the rock had to be removed. Financial Vice President Robert Winterberg suggested to Heyborne that the rock should be put in storage during the construction. It would be returned upon completion of the project.

Eighteen months after the opening of Khoury Hall the rock remains in storage. However, a group of engineering students is attempting to get it back.

Former president of the Associated Engineering Society, Ken Garber, determined from Winterberg that it would cost \$5,000 to relocate the rock and construct the sandbox area. Engineering students, Garber was told, would have to raise the money or arrange to do the work themselves.

"The only thing stopping it (return of the rock) is the money," says Garber.

Beginning in 1984, engineering alumni will be contacted in a joint effort to raise funds, material and labor to return the rock to its rightful place.

On the other hand, maybe it would be simpler to just call in David Copperfield.

—R.C.

TIGER TRACKS

'20s

Zolita Bates, COP '21, has been a teacher at Prestwood Elementary School for 41 years. She lives in Sonoma.

'30s

Marjorie Ryland Smith, COP '32, and her husband, **Marion L. Smith, COP '29**, are retired and live in Visalia.

'40s

Thomas H. Liddicoet, COP '49, is an educator and is also involved in real estate. He resides in El Sobrante with his wife Caren.

Bob McGuire, COP '49, was named Northern California Athletic Conference "Coach of the Year" in both women's track and field and cross country. He lives in Pleasant Hill.

'50s

Will S. Cluff Jr., Education '51, a retired educator, is running for reelection to the local school board. He resides in South Lake Tahoe.

Edmond C. Powell, COP '51, is the executive director of the Board of Realtors of Phoenix, Arizona, where he lives.

Gerard V. Smith, COP '53, an internationally known research chemist and expert on catalysis, has been re-appointed director of Southern Illinois University at Carbondale's Molecular Science Program. He resides in Carbondale.

Thomas A. Huff, COP '54, is the director of admissions at Oakwood School. He lives in Poughkeepsie, New York.

Robert H. Gibson, COP '57, has been named executive vice president of the Stockton Board of Realtors. He lives in Stockton with his wife Jean.

Joseph H. Calderon, COP '59, is an attorney. His wife Evelyn is a bookkeeper for his firm. They reside in Turlock.

'60s

Erik "Buck" Townsend, Conservatory '60, is a performer, teacher and director of the Townsend Opera Players. He has recently returned to Modesto to produce full-scale opera productions. He lives in Modesto with his wife Erika, a ballet teacher, and their two daughters.

Patricia Mendoza Bianchini, COP '63, is currently an accountant. She lives in Point Reyes Station with her husband William, a dairyman, and their two daughters.

Carolyn Bell Falabella, COP '63, is a resource specialist for Jefferson Elementary School District in Daly City, where she resides with her husband John, a recreation therapist who works with handicapped children.

Dr. Joel C. Hancock, COP '63, professor of languages at the University of Utah, recently represented UOP in the academic procession at the Inaugural Convocation of the 11th president of the University of Utah. He resides in Salt Lake City.

Ivar Kent, COP '63, is a high school principal. He is also president of the Southern Athletic League and the Merced/Mariposa Chapter for the Association of California School Administrators. He lives in Mariposa with his wife JoAnn, a teacher's aid.

Roger D. Randall, COP '63, an attorney, has been appointed to the West Kern Municipal Court bench. He lives in Bakersfield with his wife Ginny and their seven children.

Constance Shrawder Davis, Education '64, is a speech pathologist who has published an article in a professional journal in Israel. She resides in Menlo Park with her husband William, executive director for the Ninth Circuit Court.

Richard E. Gentry, COP '66, is executive vice president of Wesco Fabrics Inc. and has published many articles on decorative textiles. His wife, **Marla Weiss Gentry, COP '68**, is president of an interior design firm. They live in Aurora, Colorado with their two daughters.

Barry D. Harper, COP '66, is president/owner of Continental Candle Company and is active in the local YMCA. He lives in Palos Verdes Estates with his wife, **Joyce Pesante Harper, Conservatory '67**, and their four children.

Patricia Bilbrey Kennedy, COP '66, is the divisional merchandise manager for Emporium Capwell. Her husband, **Raoul, COP '64**, is a lawyer. The couple resides in San Francisco.

Sara Reiter Davenport, COP '67, is a high school history teacher. Her husband Stanley is also a teacher. The couple lives in Stockton with their two children.

Diana Shovlin Roark, COP '67, is a travel agent. She lives in San Jose with her husband Timothy, a software engineer/program manager.

Paula Xanthopoulou, COP '67, is the director of development for Marvelwood School. Previously she worked at the American Farm School in Greece. She currently resides in Cornwall, Connecticut.

Carl G. Britto, Pharmacy '68, is the pharmacy manager at Longs Drugs in Sunnyvale. He recently returned from three years in Reno, where he helped pioneer new stores for Longs. He currently lives in Pleasanton with his wife Margie, a teacher.

Alpha Phi Alpha Holds Reunion

Members of the Alpha Pi Alpha fraternity gathered recently in Stockton for a reunion. The fraternity, which existed as a social group for only a few years on the Stockton campus, attracted several members and their wives for a dinner held during Homecoming weekend.

Those in attendance were: **Elliott J. Taylor, COP '28**, of Stockton; **Art Farey, COP '29**, of Berkeley; **Francis M. Sanford, COP '27**, of Ripon; **Orville Jack, COP '27**, of San Jose; **W. Fowler Furze, COP '30**, of Piedmont; **Kenneth G. Watkins, COP '31**, of Linden; **Rev. Roy E. Wilson, COP '28**, of Berkeley; **Evan R. Gillum, COP '29**, of Richmond; **Gilbert A. Collyer, COP '30**, of Redding; **Bob Curran, COP '31**, of Coarsegold; and **David Miller, COP '30**, of Linden.

Dale A. Bystrom, Pharmacy '68, is a pharmacist/store manager for Longs Drug. He and his wife, **Dorothy Raines Bystrom, COP '68**, live in Modesto with their four children.

Roberto P. De Valencia, Covell '68, is the manager of the Bogota office of Marc Rich and Co. He lives in Bogota, Colombia.

Michael W. Halligan, Education '68, is a high school principal. He resides in Altaville with his wife Susan.

Lori Musolino McCauliff, COP '68, is an educator. Her husband James is a public school administrator. They reside in Bayside.

William J. Moon, COP '68, is a partner in Stone and Youngberg. He lives in Orinda with his wife, **Ann Warren Moon, COP '69**, and their two children.

J. Robert Moorefield, Conservatory '68, is the band director at Foothill High School. In addition, he is the band conductor for California Music Ambassadors, a concert group which travels to Europe each summer. He lives in Pleasanton with his wife Anne.

Francine Crane Selim, COP '68, is a dean of students. Her husband, **Ronald, COP '68**, is a teacher and social studies department chairman. The couple resides in Ukiah with their two children.

Pamela Frantz, COP '69, is working in San Francisco as an associate for an executive search firm and is pursuing an MBA degree at Cal. She resides in Berkeley.

'70s

Chauncey L. Veatch III, COP '70, is the California director of the Department of Alcohol and Drugs. He resides in Sacramento.

Richard "Rico" Costa, Conservatory '71, is a dancer with the Metropolitan Opera Ballet in New York City, where he lives.

Christopher Szecey, Callison '71, is an international development consultant. He lives in Nepal, Asia with his wife Mary Schmidt, an English teacher.

Catherine L. Borges, Callison '72, is vice president of Pittsburg National Bank in Los Angeles, where she lives.

Daniel H. Estin, Engineering '72, owns "Sports Anyone?" and was recently elected to the local school board and the Resource Conservation Board. He lives in Penn Valley with his wife Joan, a teacher.

Dr. R. Douglas Alsberge, COP '73, is the associate director of Occupational Health Associates in Fresno. He specializes in emergency and industrial medicine. He and his wife Debra live in Fresno.

Robert T. Beattie Jr., COP '73, is an attorney in Bremerton, Washington, where he lives with his wife Cristine.

Patricio E. Duk, Covell '73, is a teacher's assistant in Spanish in Columbus, Ohio.

Kimberly A. Edwards, Covell '73, is publisher of *Writer's Update*, a monthly summary of issues, events, and resources for professional and aspiring authors, writing teachers, and corporate communicators. She resides in Sacramento.

Gary L. Frush, Raymond '73, is a self-employed manufacturer's representative. He resides in Stockton with his wife Wendy, a speech and language therapist.

Eugene Ghiglia, Pharmacy '73, is a pharmacist in Santa Maria, where he lives with his wife Betty and their two children.

Kay Cross Harper, COP '73, is a homemaker. After working seven years in the public school system, she is currently tutoring a Saudi Arabian princess. She resides in Laguna Niguel with her husband Drew and their son.

Mary Lukens, Callison '73, is the principal/teacher at Lime Village, a bush community in rural Alaska that has a population of 36 people.

Katherine E. Polk, Covell '73, is a speech pathologist in Stockton, where she lives.

Rebecca Hedberg Coleman, Pharmacy '75, is a staff pharmacist at Santa Clara Valley Medical Center. She lives in San Bruno with her husband Robert, clinical coordinator of Pharmacy Services for the Veteran's Administration in Palo Alto.

Robert A. Reich, Raymond-Callison '75, is on the faculty of California State University, Fullerton, teaching theatre management and directing public relations and fund raising in this area. He resides in Fullerton.

Dona Hanaïke Zen, Callison '76, is the deputy attorney general for Hawaii. She lives in Kaneohe, Hawaii.

Robert H. Hyerle, Raymond '77, is an assistant professor in mathematics at UOP. He resides in Stockton.

Don H. Compier, COP '78, is a minister assigned to the language staff in Spanish in Independence, Missouri, where he lives with his wife Yolanda.

Christopher "Kit" Follmer, COP '78, is a post-doctoral Fellow at Northwestern University, Department of Pharmacy. His wife, **Cathleen Hoffman Follmer, COP '79**, is a flight attendant and travel agent. The couple resides in Chicago, Illinois.

Janice L. Haydon, Education '79, teaches a special education training program at Gavilan College in Gilroy, where she lives.

Bryan Hyzdu, COP '79, is an assistant manager of Lloyds Bank. He lives in Visalia with his wife Deborah and their two sons.

Joy D. Patterson, COP '79, is a planner for the City of Sacramento and is completing her master's degree in public administration at California State University, Sacramento. Her husband, **John McAleer**, is a historian for the State Department of Parks and Recreation. The couple lives in Sacramento.

Mu Zeta Rho Plans Spring Luncheon

Alumnae of the old Mu Zeta Rho sorority will hold a reunion in Stockton on Saturday, March 24.

The sorority was discontinued in the 1960s, but the members still gather annually at various California locations for informal reunions.

Mu Zeta Rho was founded on Pacific's San Jose campus in 1913 as the "Philomusia Conservatory Society," and it evolved to attract women primarily engaged in music and art. Before its demise in the 1960s the group became affiliated with Gamma Phi Beta sorority.

Alumnae interested in the luncheon who have not been notified of the event should contact Mrs. Louis C. Thanas, 6534 Alexandria Place, Stockton, CA 95207.

'80s

Bruce W. Filarsky, COP '80, is a fourth year medical student at the University of California-San Francisco, where he resides with his wife Cheryl, who is a business student at San Francisco State.

Edmund Gelacio, COP '80, is currently stationed in Aviano, Italy with the U.S. Air Force.

Kathy Scott Huhn, COP '80, teaches severely handicapped children and is also a licensed speech pathologist. Her husband, **Scott, Pharmacy '81**, is a pharmacist in Norwalk. The couple lives in Westminster.

George T. King, COP '80, is a dentist. He lives in Fresno with his wife, **Virginia Collett King, Conservatory '80**.

Ilene Shiromizu Kuwahara, SBPA '80, is an accountant. She and her husband Ron, a counselor, live in Lodi.

Garry E. Lim, COP '80, works for Eureka Federal Savings in San Carlos and is currently pursuing an MBA degree at the University of Santa Clara. He resides in Menlo Park.

Susan J. Tornlof, Education '80, is an elementary school teacher. In addition, she is in graduate school pursuing a degree in counseling. She resides in Oakland.

Tammy Brecht, COP '81, is the community involvement coordinator at Frey Distributing Company, the Anheuser-Busch distributor for San Joaquin County. She resides in Stockton.

Nancy Fiske Craig, Conservatory '81, is a high school English and music teacher in Stockton, where she lives with her husband Jeff, a mechanic.

Robert W. Hudelson, Engineering '81, is a development engineer for Hewlett Packard. His wife, **Valerie Gilliam Hudelson, COP '81**, is an order coordinator for ASK Micro, Inc. The couple lives in Loomis.

Karen Klaparda, Raymond-Callison '81, is vice president of "Something Sterling", a contemporary sportswear shop. She resides in Van Nuys.

Nora Beardsley Monroe, COP '81, is a revenue agent for the Internal Revenue Service. Her husband, **James, Engineering '83**, is a junior civil engineer for Caltrans. They live in Stockton.

Deborah McCann Thompson, Pharmacy '81, is a pharmacist on the staff at Sharp Memorial Hospital in San Diego. She resides in Escondido with her husband Larry, a recreation leader for the Parks and Recreation Department.

Kim E. Caramelli, COP '82, is a research assistant and is pursuing a master's degree in geriatric exercise physiology at the University of Florida.

Kelley G. Coulter, Covell '82, is presently a graduate student at the American Graduate School of International Management in Glendale, Arizona.

Eric D. Herbert, Engineering '82, is a construction engineer for Owens-Corning Fiberglas. His wife Frances is a student at UOP's McGeorge School of Law, currently attending Ohio State University as a visiting student. The couple resides in Columbus, Ohio.

Alisa M. Jimenez, Conservatory '82, is the band director for Pine Hollow Intermediate School in Concord. She lives in Pleasant Hill.

Don Stebbins, COP '82, received the "Best of Show" award for a campaign created by Spectrum Productions, his advertising and radio syndication firm in Santa Fe, New Mexico, where he currently resides.

Alan J. Barnett, COP '83, is a systems engineer for Rockwell International. He lives in Southern California.

Robert P. Berryman Jr., COP '83, is a photographer for UOP's Office of Public Relations. He resides in Stockton.

Dr. John A. Farris, Education '83, is an administrator/developer for Valley Christian High School in Tempe, Arizona. He lives in Mesa, Arizona with his wife Kerry and their daughter.

Elizabeth L. Hammond, COP '83, is a student in the master's degree program in journalism at Ohio State University. She resides in Columbus, Ohio.

David L. Holder, COP '83, is a science teacher at Tranquillity High School. He lives in Fresno.

Antioune M. Lang, COP '83, has recently completed basic training at Fort Dix, New Jersey.

Timothy S. Rose, SBPA '83, is a financial/procedures analyst for Citicorp Savings. He resides in Sacramento with his wife Kathy, a savings counselor for the same firm.

Rene Tsang, Pharmacy '83, is pursuing a master's degree in the area of nuclear pharmacy at Purdue University in Indiana.

Sue Huff Ulmer, COP '83, is currently working toward a master's degree in communicative disorders at UOP. She resides in Stockton with her husband Tim, a merchandising assistant for J.C. Penney.

In Memoriam

Hilda Brawn Bader, '21
Hazel Glaister Robertson, '24
Virginia Sack Beardsley, '39
Charlotte Verdi Cox, '48
Everett S. Hillard, '49
Diane Davinroy Frick, '54
Leonard L. O'Bryon
*emeritus professor
of Modern Language*

Births

To **Lilla Starr Daniel, COP '72**, and her husband William, a daughter, Starr.

To **Robyn Cracknell Drever, COP '79**, and her husband, **Mark, COP '79**, a son, Kevin Mark.

Marriages

James Scott Young, Callison '73, and **Frances Ann Hovey**.

Claudia K. Genung, Raymond-Callison '80, and **Toshimasa Yamamoto**.
Kathy Scott, COP '80, and **Scott Huhn, Pharmacy '81**.

Stephen L. Green, COP '82, and **Susan R. Chesher**.

Timothy S. Rose, SBPA '83, and **Kathy M. Spencer**.

Law School Garner's National Recognition

WELFARE has become a dirty word to many Americans.

The state and federal governments spend billions of dollars each year in this area. The press seems to uncover abuses on a regular basis. The public shows an increasing lack of support for a system created truly to help people in need.

How to implement changes in the welfare operations to reduce the abuses without penalizing innocent victims has become a political football that cuts across party lines. From Governors Brown and Deukmejian at the state level to Presidents Carter and Reagan on the national scene, the cry for reform is heard on a regular basis.

One area of improvement that is being implemented relates to programs at the Institute For Administrative Justice at UOP's McGeorge School of Law in Sacramento.

This program, directed by law professor and associate dean for administration Glenn Fait, is the only one of its kind on any American law school campus. "We are the only organization in the United States that specializes in administrative hearing procedures and training administrative hearing officers," said Fait, who has been in charge of the program virtually since its inception in 1972.

"This is our first large federal training program, and it has the potential to become the largest administrative hearing system in the world."

"Other groups train lawyers and members of the legal profession as hearing officers, and we also do this, but our uniqueness is training non-legal personnel to be hearing officers," he said.

The Institute has been deeply involved in welfare programs through the training of hearing officers for the California Department of Social Services. The Institute also recently completed an 18-month program in 42 California counties to train county appeals workers who represent various county governments in welfare hearings.

A major project now underway involves the training of Social Security Administration hearing officers to deal with people appealing the termination of disability benefits.

With recent legislative changes in determining benefits under various social service programs like welfare and social security, thousands of individuals are being dropped because they no longer qualify. Many of these individuals appeal the action. McGeorge enters the picture by providing the training needed by the state and federal officials who hear these complaints before a final decision is rendered.

"As the laws are strengthened to prevent abuses of these systems there will be an increasing need to have professionally trained hearing officers capable of providing prompt reviews," explained Fait.

The social security project is one of the biggest undertaken by McGeorge and the Institute. It involves a grant that will exceed \$350,000 to train as many as 500 hearing officers from throughout the United States. The first group of 28 recently completed the two-week program at McGeorge, and those attending came from 16 states and Puerto Rico.

"This is our first large federal training program," said Fait, "and it has the potential to become the largest administrative hearing system in the world."

According to Fait, the social security project developed because of the lengthy delays involved in appeals of disability payment terminations. "This was taking up to two years, and the federal officials wanted to find a better way," said Fait.



Glenn Fait directs a specialized program that trains administrative hearing officers at McGeorge School of Law.

"Our approach in this project was that you are better off to take an expert in the field, who is the disability specialist, and train him or her to be a hearing officer than to just use an attorney," explained Fait.

Extensive mock hearings are videotaped and critiqued for those being trained. "Much of the learning is through repetitive mock hearings of actual cases," he said.

The Institute staff includes Fait and several McGeorge faculty who are experts in the various fields, plus selected outside lecturers. Many are lawyers, and most of the

trainers have worked together for more than 10 years in providing special services in administrative law fields.

"Over 2,000 hearing officers and administrative law judges have received instruction from the project trainers," said Fait. He has worked as a consultant to the Social Security Administration in the disability hearing area and been responsible for delivering training to more than 1,600 hearing officers. Fait also is described as having more experience in the design and presentation of specialized training for non-attorney hearing officers than anyone else in the nation.

The Social Security project, however, is only the latest in a string of Institute activities. Other projects have included the previously mentioned training of welfare hearing officers, plus working with correctional officers, parole boards, consumer affairs investigators, staff scientists for the California Energy Commission, the California Fair Political Practices Commission, and the Agricultural Labor Relations Board.

A project of special interest to Fait had the Institute serving as a legal consultant to the Department of Motor Vehicles in the development of a pilot program for handling traffic offenses through the administrative hearing process. Three counties in California now are experimenting with this system of adjudication.

Fait said the Institute was created because of a need for this type of service in the U.S. "The importance of administrative adjudication has continued to increase in our legal system," he explained. "At the same time, public agencies and private organizations have been struggling to meet changes and new needs in dealing with governmental decision-making processes."

He said the Institute is a specialized program that includes an academic component through which improvements can be developed and services offered to meet specific needs.

Fait said the Institute helps McGeorge students relate the substantive knowledge gained from the classroom to practical experience in legal services. He said it has given the Institute an impact on the procedures and regulations in administrative law fields while providing contacts for McGeorge with legal personnel in every state in the country.

"We are seen as authorities in the field," said Fait. It appears to be a reputation richly deserved.

—R.D.