

UCI SOCIAL SCIENCE COMPLEX will feature an eight-story tower, a four-story classroom building and a 200-seat lecture hall pavilion.

## Social Science Complex Planned

A school of social sciences with a commitment to breaking the physical sciences monopoly on students with analytical skills is being developed at UCI.

Division dean, Dr. James March, believes that the social sciences must build a new image among students.

"If the social sciences are to be successful in their attempts to deal constructively with the vast social problems of today, they must make a serious effort to recruit the kind of student who in the past has tended to commit himself early in his academic career to the 'hard' sciences of mathematics and physics," March said.

He hopes to do this at Irvine by developing introductory courses "which will demonstrate to the student the sheer artistic delight of analytical problem-solving in the social sciences."

March maintains that the physical sciences have gained an unfair advantage in recruiting students with mathematical and analytical skills. Few examples of modern social sciences are presented to high school students and the typical introductory courses at the college level are misleading, he says.

The social sciences faculty at UCI is developing a curriculum which emphasizes interdisciplinary approaches to abstract models of typical, modern social problems. Teams of sociologists, economists,

psychologists, political scientists, anthropologists and geographers work together in constructing courses — in the same fashion that government and industry call on such teams to help solve their problems.

At the same time, the social sciences faculty at UCI is experimenting with new methods of instruction that emphasize student-directed learning.

These methods include computer assisted learning, variable length courses, and other devices enabling students to advance at their own rate and to take increased responsibility for their own education, thus freeing faculty to concentrate on individual tutorials, small-group seminars, and educational experimentation.

Besides providing the faculty and operating expenses for this experiment, the University of California also is planning construction of a \$4.1 million, three-building complex to house the social sciences at UCI.

The University's board of regents has approved a schematic design by Albert C. Martin and Associates of Los Angeles who serve as executive architects for Social Sciences Unit I at Irvine.

The complex will be located next to UCI's 22-acre central park, completing the ring of academic buildings. It will consist of an eight-story tower for offices and seminar

rooms, a four-story classroom building and 200-seat lecture hall pavilion. It will contain 150,000 square feet of floor space.

In addition to the social sciences (economics, anthropology, geography, psychology, political science and sociology), the building also will accommodate offices for teacher education and the graduate school of administration.

Two lower floors of the tower will be devoted primarily to a "student directed learning center" for computer-assisted learning, programmed instruction, student-organized seminars and individually controlled audio-visual instruction.

Design of the complex is being developed by Martin's educational facilities division, directed by Gene J. Royer. Frank E. Mosher, AIA, is project manager and Alan Gallion is designer for Martin. Norman E. Cates is project architect and Coulson Tough is campus architect for the University.

The structures will be of reinforced concrete with pre-cast concrete sun screens forming the window walls. Exterior walls will have a combination of pebble textures and bushammered surfaces.

The architectural theme will be similar to the existing academic buildings designed by William L. Pereira, FAIA, who is architectural consultant for the UCI campus.

Construction is expected to start next year for completion in 1970.

## Russians Establish Science Communities

A University of California, Irvine chemist reports that Russia appears to be in close competition with Great Britain as the world's number two scientific power.

Dr. F. Sherwood Rowland, chairman of the UCI department of chemistry, made this observation after attending the Eighth Annual International Symposium on Free Radical Chemistry this summer in Siberia.

The conference of about 150 scientists from throughout the world was held in Academgorodok, a suburb of Novosibirsk, the Soviet Union's new center for the industrial, educational and scientific development of Siberia. Academgorodok literally means "little science city" and is a community devoted wholly to science.

"It's a little easier to appreciate the emphasis the Russians are placing on science when you realize Academgorodok didn't exist until about five years ago," Rowland said.

Rowland estimated the city of Novosibirsk has a population of about one million and Academgorodok has about 35,000.

Underscoring the importance of the development, Rowland observed that one of Russia's two major computing centers is located at Novosibirsk. The other is in Moscow.

Most of the scientists residing at Novosibirsk are not Siberians, but are Russians who have moved out from Moscow, Leningrad, and other areas, because of the scientific opportunities in Siberia. "They have a strong national pride in their scientific advances during the past few years."

Although there was obvious national pride of accomplishment by both the Americans and the Russians attending the conference, Rowland said he did not feel there was a nationalistic approach to the presentations.

He particularly noted that two different Russian positions were being argued at the symposium and the Russians seemed to be able to criticize each other openly at the meetings in the fashion that is traditional with American scientists.

Rowland added that younger Soviet scientists appear to enjoy fairly substantial scientific freedom and are not involved in some aspects of the highly competitive academic-scientific atmosphere generally found in America.

"The Russian scientists that I encountered at Novosibirsk has progressed beyond the level of scientists of many western European countries. He has made some startling advances in a relatively short period of time and is proud of his progress," Rowland said.

## Dr. Marder Chosen Eastman Professor

Dr. Arthur Marder, professor of history at UCI will serve as George Eastman visiting professor at Oxford University, England, for the academic year 1969-70.

Marder plans to take the appointment, which is reserved for senior American scholars of the highest distinction, while on sabbatical leave from Irvine.

He is a world authority on naval history.

Professor Marder's appointment was announced in the United States by President Courtney Smith of Swarthmore College, administrative head of the Rhodes scholarships in the US and a member of the board

of electors of the Eastman staff.

At Oxford, Marder will pursue his scholarly work in history and also will participate in the instructional program of the University.

The Eastman professorship is the latest in a string of honors for the UC Irvine historian. He has been awarded three Guggenheim fellowships for scholarly research (1941, 1946, 1958), A Rockefeller Foundation fellowship and grants from the American Philosophical Society.

In 1941 he was winner of the American Historical Association's George Louis Beer Prize and he was elected a fellow of the Royal Historical Society in 1967.

## University Requests Increased State Funds

The University of California, expecting an enrollment of more than 103,000 students in the 1968-69 academic year, has requested increases in State support totaling \$65 million to match the expanded workload and to restore austerity reductions made in the current fiscal year.

The proposed operating budget, a product of months of planning, analysis and intensive review of programs on the nine campuses, "reflects the University's commitment to qualify education, but with deep concern for the efficient and economical use of the resources made available by the people of California."

The document was submitted to the UC Regents at their September meeting. Board members are expected to forward their recommendations to the State administration in October.

The budget report emphasizes the University's continuing efforts

to make the most effective use of its resources and to achieve economies as the University grows. It includes fiscal requirements programmed through 1973, linking academic planning with the sum required.

Harry Wellman, former acting president of the University, pointed out that during the fiscal year beginning July 1, 1968, UC seeks a State appropriation totaling \$308 million, compared with \$243 million appropriated for the current year.

The requested increase includes \$20.8 million to replace the one-time contribution of Regents' funds, \$12.2 million for partial restoration of the amount eliminated by cuts in state contributions in 1967-68, and \$23.3 million to meet the expected 8.4 per cent increase in weighted enrollment (taking into consideration additional costs required to train graduate students).

The document noted that 55 per

cent of the anticipated growth in undergraduate enrollments is expected at the three newest UC campuses, Irvine, Santa Cruz and San Diego.

"The opening of the fourth college at Santa Cruz will enable that campus to expand its program in liberal arts and the basic sciences," noted the budget report. "San Diego continues to improve its curriculum balance with the addition of programs in music and the arts. Irvine will continue its program expansion in engineering biological and physical sciences."

Of the \$3.9 million expenditure increase for the medical schools requested for next year, \$2.9 million will be required for the new schools at Davis and San Diego. The California College of Medicine will require \$679,000 "to add the faculty necessary to develop the school to University standards and to fund the forthcoming move to the Irvine campus."

San Francisco and Los Angeles Medical Schools will require an additional \$302,000 for enrollment increases.

In organized research, the budget proposals provide for an increase of \$4.7 million in State funds, mostly to restore reductions in 1967-68 programs, to cover grants and travel, institutes, bureaus and other research and agricultural research.

The report pointed out that research is essential for advanced study, and that a survey at Berkeley showed that more than 10 per cent of the undergraduates, more than one-third of the graduates and essentially all of the faculty are directly involved in organized research units.

The budget also provides for use of \$7.2 million in non-State, University funds for student aid, educational enrichment, faculty study, and management studies. Of this sum \$3.4 million is proposed to provide 410 graduate fellowships,

1,730 undergraduate scholarships and student loans.

An increase of nearly \$1 million in student aid is requested to provide work-study programs for top graduate students. This would provide two-year fellowships for such students who agree to serve an equal amount of time as teaching and research assistants.

Other increases in University funds are proposed for trying out new instruction techniques, to assist the new Lawrence Hall of Science at Berkeley in upgrading science teaching, and for purchase of special library collections.

Budget increases will allow 687 additional students to enter Irvine in the fall of 1968 and will also result in further library expansion, computer facility development as an instructional facility and provide staffing and support for research on public policy matters of international and domestic importance among other things.

# ENTERTAINMENT

## Ellis Band To Play For Festival Opening

The Don Ellis Big Band, originally scheduled to perform during the Sunday evening concert of the upcoming Second Annual Pacific Jazz Festival, has been rescheduled to perform for the Festival's opening commencing Friday

evening, October 6. The three-day, five-concert Festival will be held October 6, 7, and 8 on the Orange County Fairgrounds, Costa Mesa.

The Bola Sete Trio which had been scheduled to perform Friday evening will not appear because of other commitments.

## Paintings Shown

Watercolors by Dolph Smith will be exhibited October 1 through 29 at the Bowers Museum, 2002 North Main Street, Santa Ana.

Currently one of the most popular watercolor artists of the Midwest, Smith graduated from Memphis Academy of Arts in 1960. He is an instructor at The Memphis Academy and Southwestern College.

His work has been published several times in the national magazine "Ford Times" and has been exhibited in the 1965 "Watercolor USA" and the American Watercolor Society of New York shows in 1966.

The program for the Friday evening concert, which begins at 8:15 p.m. is: The Don Ellis Big Band; the Thad Jones - Mel Lewis Band; The Modern Jazz Quartet; The Vince Guaraldi Trio and The Four Freshmen.

The Thad Jones - Mel Lewis Band, based in Southern California, has achieved a wide critical reputation over the past year and recently performed before an enthusiastic audience at the Monterey Jazz Festival.

Other artists who will be performing in the 8000-seat outdoor arena over the weekend will include; the Gary Burton Quartet, Bobby Hutcherson Quintet, Miles Davis Quintet, Duke Ellington Orchestra, George Shearing, Big Mama Willie Mae Thornton and many, many more.

Tickets are priced at \$6.50, \$5, \$4 and \$3 for the three evening concerts (Fri., Sat., Sun.) and \$4 and \$3 for the two afternoon concerts (Sat. and Sun.). They are available at all Mutual Ticket Agencies, Southern California Music Companies, Wallich's Music City and the Coast Music store, 1839 Newport Boulevard, Costa Mesa, which is headquarters for the Festival.



THE NEW YORK CHAMBER SOLOISTS, an ensemble of tenor voices, two winds, three strings and a keyboard, will open the UCI concert season Saturday, October 14, at 8 p.m. in the Science Lecture Hall. Tickets are now available at the fine arts box office, open 11 a.m. to 2 p.m. daily.

## Gentry's Meteoric Ascent Result of Polished Talent

Reprinted from *The Daily Bruin* by DIGBY DIEHL

Any news about Rock that does not come by radio is old. Hence, the phenomenal ascent of Bobbie Gentry into the million-seller category in four weeks with "Ode to Billie Joe" needs little fanfare. The Top Forty, however, has been a long-time residence for one-shot successes and talentless gimmick-mongers who strut and fret their brief hour upon the Ed Sullivan Show and then are heard no more. The real question, which is never asked on radio for if it were asked the whole hit psychology of that aural miasma would collapse, is: how good will Bobbie Gentry be when the Boss Jocks run out of flower palaver?

First, I suspect, we can discount this "Cajun country" publicity hoke that has been the obligatory person of "folk singers" ever since Leadbelly was sprung from jail by Harvard for this same Brer Rabbit act. Despite her Daisy Mae drawl and childhood tales of Chickasaw County, Mississippi, Miss Gentry is clearly a sophisticated performer. In fact, it is delightful that such a guise of ingenious freshness

should emanate from a girl of her background. Having lived in that rural Bayou area of California known as Palm Springs since her teens, she was a Philosophy major at UCLA and studied Theory, Composition, and Counterpoint at the L.A. Conservatory of Music; then, she apparently pursued aspirations as an actress in little theater groups and eventually reached that traditional compromise of the serious show biz girl: a Las Vegas dancer.

Knowing this, how can one explain her nervous appearance on opening night at the Greek Theatre last week? Well, for starts, this just wasn't her audience. She was a late addition to Roger Miller's show which featured the Young Americans; most of the people, attending had only a vague notion of whom she might be. For the record, the Young Americans are the most nauseating horde of clean-cut cutesy-pie kids since Dick and Jane were superceded by Ken and Barbie. I couldn't believe the whole thing wasn't straight out of a TV toothpaste ad. This chorus of 36 upstanding young citizens presented a super-patriotic freshman frolic that would have embarrassed most high

schools. By contrast, Roger Miller was ripping off his hits with amusing non chalance and sprinkling the show with surprisingly funny repartee, which, I am pleased to report, actually offended some of the complacent boors in the audience.

Anyway, add to Bobbie's problems an unsurpassed job as sabotage-by-incompetence by the Greek Theatre orchestra, and one can see how she might be nervous. Why the musicians' local doesn't yank the cards of every butter-fingered toodler in that aggregation is a mystery to me.

OK, enough carping. The point is that beneath all the quibbles is a talented girl whose voice and songs are much more than transient stuff. Perhaps the Capitol album, "Ode to Billie Joe" is the best way to talk about her, for it has a relaxing hypnotic quality quite unlike the standard folk rock sounds and it is graced with a poetic feeling comparable to Simon and Garfunkel, Dylan, or (heresy) the Beatles. Listen to the husky, sensual way in which she explores "Mississippi Delta" or follow the changes in dynamics and inflection on "Bugs." This is a richly female voice not limited to "folk" expressions (if, indeed this is her present mode), but potentially viable in realms of jazz and traditional pop, i.e., "Midnight Sun," "How High the Moon," etc.

Ideally, the listener should have the option of hearing just Bobbie Gentry and guitar, without the orchestral background by Jimmie Haskell. His arrangements are sometimes helpful, but the voice needs close attention.

Klaus Muller, director of the teacher training program in German at UC Berkeley, will speak at an open lecture Friday at 4 p.m. Speaking in FA 1616, Muller will speak on the "Foreign Language Program at UC Berkeley."

The Berkeley staff member is the author of the first-year German textbook, "Modern Deutsche Sprachlehre," which is used by the department of foreign languages and literatures at UCI.

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# Shapiro Challenges Students

(Ed. Note: The following speech was given by UCI political scientist Martin Shapiro at last Monday's Convocation. The other keynote address, given by ASUCI Vice President Craig Harlan, will appear in Tuesday's issue. All students are invited to comment on either speech in the Anthill through editorials or letters to the editor.)

by MARTIN SHAPIRO

In choosing as my theme the forces opposed to scholarship at work in and around the University, I incur at the outset the duty to remind you that there does exist in the community and in the university substantial support for scholarly goals. Anthony Downes notes in his recent book on bureaucracies that churches and universities are more successful at survival than any other organizations and such survival would not be achieved without support. In confining myself to anti-scholarship, I necessarily paint an overly dark picture and I leave my audience to fill in the brighter side.

Let me begin with the most traditionally pilloried of scholastic enemies, the lay community. The community that surrounds us does provide us our where-with-all, but to most of its members, scholarship is of no concern. The gods, or the invisible hand, or whatever impersonal forces control the economy, have decreed that one must have a college degree in order to succeed, so the community shells out its tax money and ships us its offspring, not to partake of scholarship, but to receive diplomas so that they too may sit on the deck of the boat drinking beer as their fathers did before them. Thus, all institutions of higher learning become interchangeable degree mills and we constantly hear the local youth saying they are going to junior college or state college or university, depending on where the girl friend is going or how the car pool arrangements work out, any holding bin being as good as the next for the four year aging period that precedes graduation. Thus, if faced with real scholarly demands, both the student and parent are likely to become hostile, because that is not what they are after.

## Scholarship Has Lost Significance

This is an old and hackneyed complaint. What has not been so much noted is that these pressures have been increasing, particularly in the suburbs of the sort that surround us. Two generations ago, state universities were filled with immigrants' children, and the immigrant had some respect for the university, precisely because he had never been to one. There was a mystery about learning that gave it a certain romantic appeal to the unlearned. How prescient Sinclair Lewis was when he made Babbitt a college graduate — with a degree from a state university. For the real estate men, insurance brokers and engineers who surround us, there is no mystery and no romance. They have been to the university and, on the basis of their own experience, they know that nothing does or needs to happen there. They have degrees, they have jobs, they have swimming pools — and they know damn well that scholarships had nothing to do with it. And they convey this message to their children with the authority of one who has been there and knows just where on the sweater the sorority pin should be worn. The aero-space, land boom babbitt is a far more formidable foe than those of yesteryear.

The second anti-scholarly force — or rather constellation of forces

— I wish to note is to be found within the university itself. It consists of a rather confusing set of interacting factors. One is the Deweyite approach to education now becoming prominent in the university ten years after it has become obsolete in the public schools. A second is the current fad of student participation in academic affairs and the misconceived guilt feelings of many faculty members that accompanies it. A third is the demand that university curricula be made more "relevant." Let me give you some examples that convey the anti-scholarly mood currently gripping the university.

Some years ago, a few especially selective universities introduced freshman seminar programs because a few of their best students — the cream of the cream — were bored with standard freshman courses, because they already knew what was taught in these courses or could learn it all in a few weeks. Irvine now offers freshman seminars to everyone of its not so selected students because they are bored with standard freshman courses because they do not know what is taught in them and would have to work hard to pass such courses. The freshman seminar ceases to be additional learning and becomes a substitute for the grinning hard work that real learning requires. The student is encouraged to substitute "A Physicist Looks at Music" or "A Literateur Looks at Politics" for the basic courses in physics or music or literature or political science that would require hard work. He discovers that learning is not hard work — not mastering data and techniques — but the warm, cuddly, intellectual, fudgy feeling that you get from subscribing to the Book of the Month Club or watching educational television, or talking about wonderful esoteric ideas without knowing anything.

Another example. Recently my colleagues have begun enunciating that deadly sentence that always precedes assaults on scholarship. "There are other ways of learning," they say, "besides reading books and poking around the laboratory." To be sure there are. Men learn by experience. But it is precisely because we have found that academic work provides another dimension of learning that we have established universities and awarded academic degrees. Otherwise we should simply line up every 40 year old and give him a degree on the basis of his life experience. He has certainly learned a lot by then. Yet the Division of Social Sciences now offers a course called "experience," and I have no doubt that they will soon be giving academic credit for a combination of boy scout trips and carrying bed-pans. They will defend such anti-scholarship with the argument that our cloistered middle class students need face-to-face direct experience with the real world and will learn more sweeping out a mental hospital than in a classroom. They are, in a sense, correct. Most of you need broader experiences and I urge all of you to join the Marine Corps or work in a leper colony or work your passage on a freighter. A Marine sergeant and a ships boatswain both know a great deal more than you or I about many things, but I do not propose to give them academic credit for their experientially gained knowledge. To give academic credit for emptying bed-pans is to engage in academic presumption; it is to seek to absorb all learning and thus all life into the university, instead of acknowledging that the university can do no more than scholarship and must leave many parts of life and learning to the individual and society at large.

A third example is more amorphous although it has already had

some concrete manifestations on this campus. It is the growing tendency to allow students a voice in curricular affairs and to worry about something called good teaching. I couple the two because very frequently good teaching becomes operationally defined as pleasing the students. Both the new student demands and generally favorable faculty responses are part of a broader social pattern involving the fashionability of protest, disrespect for law, guilt feeling on the part of the adults toward teenagers and more generally on the part of high status persons toward lower status persons, in the university is to encourage guilt feelings and permissiveness toward students and endless demands by students even when they don't know what or why to demand. Fashion is king and the fashion is protest.

## Students Desire Less Work

What student demands almost always boil down to — not unnaturally — is less work. Pass fail grading, the abolition of requirements — particularly difficult ones like science and math — are high on the list. Demands for student evaluation of teachers and participation in personnel decisions are now coming into bloom. Given our students and the flories of one-man, one-vote, who wins these popularity contests is easy to predict. The genius who can make basic anatomy fun, but also the entertainer in the gut course, the half-baked editorializer and the dealer in flashy exotica.

This whole movement to elevate the student and "teaching" (as it is defined in the context) is an attack on scholarship because it rests on a fundamental notion of status which is inimical to the scholarly community. It says in effect that each man who has the status of "student" is equal to every other such man, and that because one has the status of student one should have a voice in scholarly affairs. A scholarly community is not, however, a political sub-division, and naive political analogies of equal participation are dangerous, particularly when they equate student, and for that matter teacher, with citizen. Most of our students are not scholars; they are only sojourners awaiting their degrees. And while it is perfectly rational for the sojourner to wish to make his stay as pleasant and restful as possible, he is qualified by neither interest nor accomplishment to meddle in scholarly affairs. My political slogan is scholarship for the scholars. There are some among those here under 21 who are scholars and some over 21. To them the university. How do we distinguish the scholars from the students and teachers? There is no perfect way, but the old way will serve. Senior scholars have traditionally chosen their juniors. As those in black gowns around me will attest, this is one of the most important and burdensome tasks scholars perform. Just as our historians now survey all the professors of history in the nation to decide which have sufficient scholarly merit to be invited to join the Irvine faculty, so they might choose which among their own students were scholars enough to participate with them in decisions affecting the scholarly community at Irvine. If we need a title, a gimmick — and we always seem to these days — each department might name among its students some Junior Fellows to participate in certain departmental affairs. (If I may be permitted the academic habit of a footnote — I owe the idea of Junior Fellows of this sort to my colleague, Professor Cole, and I am not arguing against general student representation in areas where the status "student" does have relevance — for instance in

matters of social and political university regulations.)

Lest I be accused of striking a positive and optimistic note, let me hasten to add that I think the fetish for student rather than scholar participation will grow in the academic arena with the result that we will see even more pandering to bad student taste than we have so far.

I have given you here only three of the long parade of horrors I might mention — from concern that graduate students "be taught how to teach" to concern that every student no matter how lazy and stupid find a home somewhere in the higher educational complex. What accounts for the parade? First the anti-scholarly demands of students, and second, the naivete of faculties. Fifty years ago, students came and said: "Don't bother me with the Renaissance, teach me how to contour plow." Twenty years ago, they came and said: "Don't bother me with the Renaissance, teach me business administration so I can work for Standard Oil." And, today, they come and say: "Don't bother me with the Renaissance, teach me how to run a sit-in so I can save the world." Many of my colleagues who easily grasped the profound anti-intellectual thrust of those first two demands, have difficulty recognizing that the third demand is just as profoundly opposed to scholarship as the first two were.

And because our students view the university as a diploma producer, they constantly, and in the most grasping and miserly way, demand and demand "credit." If the faculty wants students to be politically and socially active, and we do want them to be, then we must give credit. The students will empty the bed-pans and save the world — but only for credit. If we want the students to have the wonderful intellectual extra of hearing a physician speak about music with special understanding and perspective, they will do it — but only for credit. And with a wonderful capacity for extracting that last pound of flesh — not only for credit — but the credit must be usable to displace some basic, difficult and demanding course. Many of the anti-scholarly phenomena in the university occur because professors are so anxious to give students something extra that they are willing to prostitute themselves to the student's endless greed for "credit" and the gut course.

## Classes Become Entertaining

The other obsessive demand of students is to be entertained. And again because faculties are so anxious to engage students, they have increasingly prostituted themselves to this unworthy demand. We see more and more courses designed to "motivate" students, to give them something "special." Too frequently we see courses that are physics or economics or history appreciation instead of physics, economics and history. Too often the kinds of bull sessions that students ought to have on their own are dressed with course titles and the omnipresent credit. If the deluge ever comes, I am going to save myself with the ultimate one of these entitled "Sex, Dope, Jazz, and Black Power." Too often the aim of the students and professors alike becomes the creation of a feeling of warm, esoteric, intellectual, happy togetherness — a kind of pop surrogate for learning that turns everyone on without having the drag of having to learn the fundamentals.

As I warned you at the beginning, I no doubt paint too dark a picture. After all, the very professors who give the courses of which I complain, themselves continue their distinguished scholarly work, viewing their confections as minor hobbies. Indeed many

of the courses, if used as supplements to rather than substitutes for, basic scholarly work, would be adornments to our intellectual life. And there is always some modest number of students who seek learning and keep science alive.

The danger, however, is in the new generation of Babbitts we are likely to create. Given the insatiable appetite of students for manipulating the university to avoid hard work, the next generation of college graduates may learn that the university is not scholarship, is not even beer, but is endless intellectual fudge. What is even more tragic is that many of those students who might have been our best scholars, led astray by these alluring baubles, will become our most accomplished Babbitts.

The student can defend himself. He can choose to study Chaucer instead of the new left under a professor of English and ecology rather than philosophy under a biologist. He can discover that mastering Plato's Republic and the quantum theory will make him a learned man and that mastering the art of the intellectual put on will make him a jackass.

I welcome you, today, to a bigger and gloppier hot fudge sundae than the university has ever offered before. May I earnestly recommend the meat and potatoes.

## L'Anteater français

Mens sana in  
corpore sano

by ANDRE FABRE

Perseverare humanum est. Les nouveaux et les anciens fourmiliers enthousiasmés par les activités sportives de nos nageurs viennent en grand nombre aux rencontres à la piscine. Espérons que cet esprit de participation, cet intérêt nouveau et ce soutien généreux ne cèdera pas la place à des activités strictement intellectuelles.

Nos nageurs, préparés et guidés par les entraîneurs Newland et Irwin pendant des journées longues et efficaces, sont prêts à faire face aux monstres de l'Université de Californie du Sud et de Stanford.

Larry Broering, Steve Farmer (rapide et tactique), Dale Hann, Bill Leach (arrière efficace), Mike Martin, Fredie Massimino (rapide, puissant et tactique), Pat McClellan (qui terrorise les gardiens de but adverses par ses cris avant de marquer ses buts), Bob Nealy, Mason Philpott (le plus léger de l'équipe néanmoins efficace bon arrière), Paul Poznanter, Bruce Reynolds, Robert Sharp et les deux gardiens de but Bob Young et Bill Braly ont tous un bon esprit, un sens de la tactique développé et un élan foudroyant. Nos fourmiliers-nageurs présentent une équipe solide et homogène qui intimide des adversaires comme Fullerton Junior College, et qui battront le record de l'année passée.

Fourmiliers, venez voir les fourmiliers-nageurs battre l'équipe de California State de Long Beach le jeudi 12 octobre et UC Davis le vendredi 13 octobre.

Perseverare humanum est.

# Studies Link Background To Child Behavior Pattern

Reprinted from *The Daily Bruin*

Well-adjusted children tend to assume the movement attributes of the like parent, particularly girls, and behavior patterns inappropriate to their sex usually result from faulty learning early in the child's life, reports Bryant J. Cratty, associate professor of physical education at UCLA.

In a new book, "Social Dimensions of Physical Activity," Cratty presents a summary of findings on the force exerted by social and psychological factors on physical activity and sport.

With data from his own investigations, Cratty has included a section on "gender identification," the first of its kind in the literature on sociopsychological influences on human movement.

Noting that parents exert indirect influences over the movement characteristics of their children, he writes, "Usually gait and gesture and posture characteristics are most influenced by the like parent of the same sex as the child and are more pronounced in girls' imitations of their mothers than in boys' imitations of their fathers."

He explains that the extent of this influence is related to the extent the child identifies with the like parent. "Young children usually identify with their mothers; then the males switch to the father."

He points out that masculine behavior is characterized by gait, posture and gesture patterns attributed to males by the society, and declares that the switch to the father is reinforced by societal demands on boys.

"If the father is absent from home his preschool-age son is likely to be delayed in adopting sex-appropriate behavioral patterns and may have late readjustment problems," he adds.

Among the general assumptions Cratty has found in the research literature on this subject are:

"There is less social stigma attached to masculinity in girls and women than to feminine behavior of boys.

"There is an increasing tendency in the U.S. for girls to select the more vigorous activities formerly characteristics of boys.

"Physique type or hormonal characteristics are not generally predictive of the assumption of an

inappropriate sex role in adulthood."

Other areas of the social psychology of motor behavior discussed by Cratty include the relationship of appearance to performance capacity, aspiration, competition-cooperation, the relationship of physical prowess to status and leadership, the effects of spectators on athletes, the infant and preschooler at play, and the influence of the family on children's activities.

"Social Dimensions of Physical Activity" is published by Prentice-Hall, Inc.

Tamandoa, service and social organization on campus, will hold a membership tea for women students Sunday, October 8 in the Mesa Court Commons.

The gathering, which will take place at 2 p.m., is to inform prospective members about the organizations and its purposes.

Every woman student at UCI is invited to join Tamandoa.

# Social Sciences Begin Jr. Fellows

The division of social sciences has begun a program of Junior Fellows for junior and senior UCI students.

The Fellow was established to take responsibility, jointly with the faculty, for creating and maintaining an outstanding academic environment in the school.

Junior Fellows will be chosen once a year and serve for two years until they leave the School. They are chosen from among upper division majors in the School on the basis of their previous academic achievements, interest and involvement in social science, promise for creative contributions to social science or to the social science program, and on the basis of recommendations by faculty and students.

Each fellow is nominated by a member of the faculty and is chosen by a committee consisting of the Dean of the School, two faculty members, chosen by the faculty, and two Junior Fellows, chosen by the Junior Fellows.

The Junior Fellows will meet regularly with the Dean, Program Directors, other faculty, and other

students. In particular, they will participate in general faculty meetings in the School and in meetings of the several Program.

They advise the faculty on academic activities within the School, on curriculum, on courses, on experimental programs, in personnel, and on other matters of concern to the academic community within the School. They initiate proposals for programs or activities that will contribute to the academic and intellectual life in the school. They form a pool of students eligible for undergraduate research and teaching assistantships within the School.

# Dates Set For Tests

College seniors preparing to teach school may take the National Teacher Examinations on any of three different test dates.

New dates for testing of prospective teachers are February 3, April 6 and July 6, 1968. The tests will be given at 500 locations throughout the United States.

Results of the National Teacher Examinations are used by many large school districts as one of several factors in the selection of new teachers and by several states for certification or licensing of teachers.

Some colleges also require seniors preparing to teach to take the exams.

Leaflets indicating school systems and state departments of education which use the examination results are distributed to colleges by the Educational Testing Service, a nonprofit educational organization which prepares and administers the testing program.

A bulletin of information containing a list of test centers and information about the examinations, as well as a registration form, may be obtained from college placement officers, school personnel departments or directly from the National Teacher Examinations, Box 911, Educational Testing Service, Princeton, New Jersey, 08540.

# Messages Urge Smokers To Quit

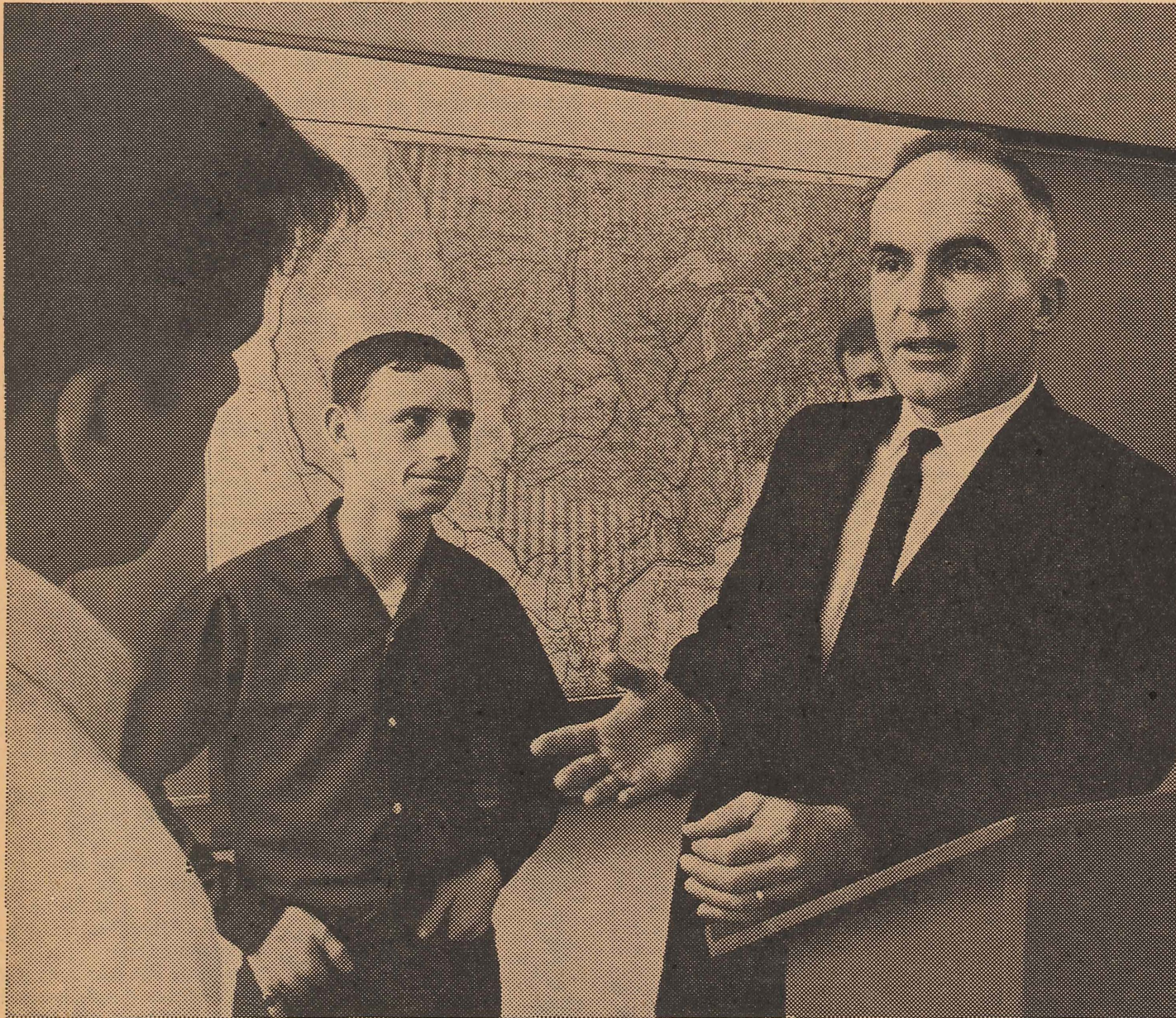
Since the Federal Communications Commission extended the fairness doctrine to cigarette advertising, last June, the airwaves have been racked by coughs and messages urging smokers to quit.

Dozens of anti-smoking spot announcements have been turned on by the cancer, heart and tuberculosis health agencies and are being used by television and radio.

The tobacco industry claims no one has ever proven any causal connection between cigarette smoking and cancer.

The FCC also ruled that reasonable free time should be given in rebuttal to cigarette commercials. This fairness doctrine is related to the same equal time section of the Communications Act which requires that equal time be given to political candidates.

American Field Service (AFS) returnees who are interested in forming a "returnee" club at UCI call Mary Wiley, RA of Otero (6651) or Bill Coon (6875).



## We tell students that the best way to get ahead in this world is to stay put.

Stay in school, complete your education. This is the way to a good job and all the rewards that come with it (and we don't mean just the financial ones). That is the message we put across whenever we go to high schools and counsel students on their careers.

Why do we do this?

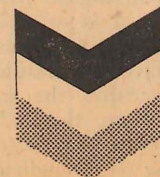
We realize that the greatest natural resource any country can have is its young people.

From their ranks will emerge our future leaders.

So by helping them now, everybody (including us) will benefit later.

We believe that our career-counseling sessions, and the scholarships, fellowships and college grants we provide, are encouraging more young people to complete their education.

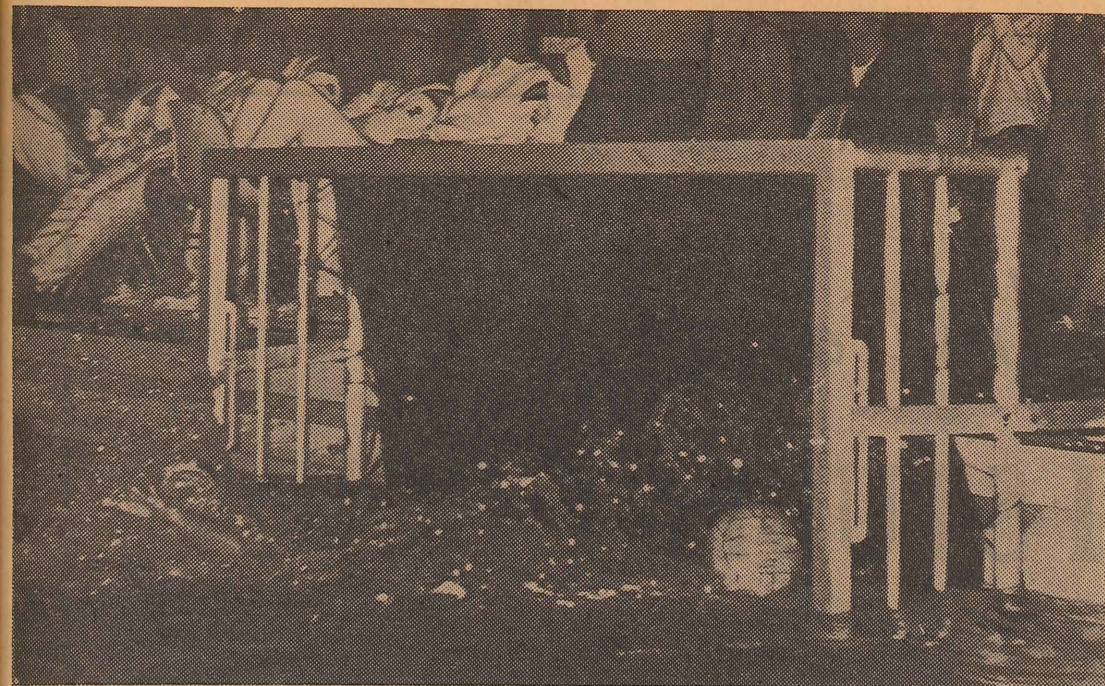
Standard Oil is trying to help young people discover more about themselves . . . and the world they live in.



The Chevron — Sign of excellence

# Standard Oil Company of California

and its worldwide family of Chevron Companies



ON DEFENSE was the UCI goalie as Irvine poloists wiped out three competitors in the UCI tourney last weekend.

# Irvine Poloists Capture Six-Team UCI Tourney

by RON TAKEMOTO

Led by All-American Bob Nealy, last year's most valuable player Bill Leach, and "big" Pat McClellan, a freshman from Corona del Mar, the UCI water polo Anteaters crushed Cal State Los Angeles 17-2, upset USC 8-5, and dunked Long Beach State 10-6, to capture the UCI water polo tournament last Saturday at Irvine.

In the opening match of the six-team tournament, Coach Newland's Anteaters demolished the small and inexperienced Cal State L.A. Erratic passing by LA State enabled the Anteaters to gain a quick 4-0 lead at the end of the first quarter.

High scorers in the match for Irvine were Bob Sharp (5 for 7), Bruce Reynolds (3 for 5) and Mason Philpott (3 for 3).

After the easy win over LA, Irvine entered the pool against the nation's second-best water polo team last year, the Trojans from the University of Southern California. Superb defense by both squads highlighted the first quarter of play with USC leading 2-1, and Ferdie Massamino scoring the lone Anteater goal in that quarter.

In the second quarter Pat McClellan and Bob Nealy scored for Irvine, but Johnson from USC collected his second and third goals of the game to give USC a 4-3 half-time lead.

The big story of the match was Bill Braly; Irvine's goalie, who played one of his best games as he blocked over six shots to keep Irvine in the game.

Good conditioning and stamina were the key factors in the second half, as the Irvine water poloists re-entered the pool to literally out-swim, out-play and out-hustle a tired and ragged Trojan seven. As the Trojans slowed down, Coach Newland's Anteaters got their second wind and blew down USC.

A goal by Ferdie Massamino tied the score at four early in the third quarter. Bob Nealy and Pat

McClellan then scored two more goals to give Irvine a 6-4 lead. McClellan and Leach each added another goal in the final quarter to upset USC 8-5.

Against a strong Long Beach State water polo squad, Irvine's "magnificent seven" proved again that Irvine will be a serious challenger for one of the nation's top spots in water polo.

As in the USC game, Irvine scored only once in the first quarter as Bobby Sorry from Long Beach led the '49ers to a 2-1 quarter lead.

Pat McClellan, named the best high school water poloist in the country in 1966 and one of the main reasons for the bright water polo outlook at Irvine, exploded with six goals in two quarters to personally crush Long Beach State and capture the UCI tournament championship. McClellan, who led Corona Del Mar High to the 1966 CIF championships, teamed up with Steve Farmer to give Irvine a 5-3 half-time and a 9-6 third quarter lead.

Massamino scored the last goal in the final minutes of the game, as Irvine put on a passing exhibition that riddled the Long Beach defense in the final quarter.

In the tournament, Irvine scored 35 points for a 11.66 game average while opponents scored only 14, or a 4.66 game scoring average. Of the 18 goals that were scored in the USC and LB State games, Pat McClellan had nine, Ferdie Massamino had four, Steve Farmer and Bob Nealy each made two, and Bill Leach made one.

In their season opener, Irvine dunked the Fullerton Junior College Hornets in a relatively easy 9-5 victory. A good defense, an alert offensive and a lot of hustle, enabled Irvine to move into a 5-2 lead at half-time. The Anteaters extended their lead to seven in the third quarter and added two

more goals in the final quarter to clinch the initial meet of the season.

Final varsity scoring statistics for the Fullerton game revealed that Ferdie Massamino and Pat McClellan both scored three, while Farmer, Martin and Nealy each added one.

## Football and Volleyball Highlight Intramurals

With the opening of school at Irvine, flag football, volleyball and badminton became the focal points of Irvine's intramural sports programs.

Football and volleyball start on October 16, while badminton competition begins on October 25. All entries, however, must be filed before October 10.

The intramural program starting October 16 is organized on a league basis: Residence Hall League and Independent League. All students living in any of the campus residence halls, as well as students who are not living on campus, are eligible to compete.

To compete in the fall quarter intramurals, students should contact their intramural sports manager (one in each dorm). Students interested in forming a team for competition in the intramural program should obtain an application blank from the recreation sports office.

Students not connected with any group, but who wish to join a team, should submit their names, addresses, telephone numbers and names of the sports in which they wish to compete to the recreation sports office.

Students may secure lockers and equipment by presenting registration cards to the equipment room attendants in the men's and women's locker rooms on campus.

Students interested in sports and money are desperately needed to serve as football officials (\$1.97 an hour). Interested students should contact the sports recreation office soon and should have some knowledge of football rules.

Jobs with the same wages are also open for students as student recreation supervisors.

Additionally, students who are interested in the recreation sports clubs, including fencing, handball, karate, riflery, rugby, sailing, skiing, squash and surfing, may contact the sports office or call 833-6931. These clubs have scheduled inter-club competition and special events for the '67-'68 school year.

An adequate number of interest-

# UCI Sports Scene

## Varsity Cagers Prepare For Upcoming Season

With a tough 26-game schedule coming up in December, Head Coach Dick Davis will have his "round-ballers" begin preparing for the season opener against Cal State Long Beach Friday, December 1.

With the addition of six "big" teams to the schedule, including Cascade College of Portland, Oxidental College, Rhode Island University, Cal State Los Angeles, Fresno State and UC Santa Barbara, Coach Davis feels this year's basketball team will be the best in three years, even though the team will face the hardest season in their three years of inter-collegiate competition.

According to Davis, who took over for Coach Rodgers after two years of coaching the Frosh and JV teams, this year's team will rely on speed and good shooting.

"The team is not extremely big," says Coach Davis, "but we have the quickness to overcome any handicaps in size and should have a fine season."

Among the twenty or more players who will vie for positions on the 12-man varsity squad five will be returning lettermen. They are junior Mike Heckman, a 6'6" for-

ward-center; junior Nick Sanden, a 6'6" forward; senior Darrell Miller, a 5'11" guard; senior Doug Christie, a 6'2" guard; and junior Charley Brand, a 5'11" guard.

There will also be some members of last year's Frosh and JV teams moving up to try and win positions on this year's varsity squad. These include Dave Fontius 6'4", Jeff Cunningham 6'3", Jim Farley 6'2", Mickey Novar 6'4", Bill Rowley 6'4", and Rick Schulze 5'11".

To add more experience and depth to the team, Irvine received five good junior college transfers including Jim Clark from Mount SAC; Steve Parker from Pierce; Alan Gladstone from Cypress; Charley Howenstine from Southern California College; and Jeff Mill from the University of California at San Diego.

Davis was rated one of California's most successful high school coaches before he came to Irvine. Coming from Glendale High School, his teams compiled an impressive 147-34 record in seven years.

In his two years as assistant and frosh coach at Irvine, he compiled a fine 42-win 8-loss record.

Coach Jim Tift from Dominguez High School takes over as varsity assistant and head freshman coach this year and plans to "build fundamentals putting equal emphasis on both offensive and defensive techniques."

Coach Tift feels very optimistic about this year's season and hopes to equal, if not better, the superb 22-3 record of the UCI frosh last year.

Among the many talented frosh coming out for practice starting October 15 are Dillon Simmons, the "comedian" from Dominguez High School where he was coached by Mr. Tift for three years prior to entering Irvine; Bob McCormick, All-CIF and All-League sportsman from Covina High School; Dennis de Autrement, All-League player from Crescenta Valley High School; Ed Burlingham, an All League player from Monroe High School in the West Valley League; Harry Keto from San Pedro High School; Mike McCarten from Estancia High School; Brad Baker from Bolsa Grande High School; and Steve Schlesinger, an All-Valley selection from Chatsworth High School.

To kick-off the new season, Coaches Davis and Tift are planning a Frosh-Varsity game tentatively scheduled for Tuesday night, November 21.

## Water Polo Schedule for October

| OCTOBER      |                          |                   |
|--------------|--------------------------|-------------------|
| 6, Friday    | UCI vs LBCC              | away — 3:00 p.m.  |
| 12, Thursday | UCI vs Cal State, LB     | here — 8:00 p.m.  |
| 13, Friday   | UCI vs Davis             | here — 3:30 p.m.  |
| 14, Saturday | All-UC Tournament        | UCLA — 9:00 a.m.  |
| 17, Tuesday  | UCI vs San Diego State   | home — 3:30 p.m.  |
| 20, Friday   | UCI vs Stanford          | away — 3:30 p.m.  |
| 21, Saturday | UCI vs Foothill JC       | away — 10:00 a.m. |
|              | UCI vs De Anza JC        | away — 3:30 p.m.  |
| 24, Tuesday  | UCI vs USC               | away — 4:00 p.m.  |
| 28, Saturday | UCI vs Cal State, Pomona | home — 10:30 a.m. |
| 31, Tuesday  | UCI vs UCLA              | away — 3:00 p.m.  |

### Unclassified Ads

1966 YAMAHA 80 Extras! \$260. Phone 644-0224.

WANTED — RIDE! Meats & Tustin Blvd., Orange. Mon., Wed., and Fri. Call Barbara McKinney 687-5973.

FOR RENT with option to buy. 5 minutes to campus and beach, 3 bedroom home, freshly painted inside and out, fenced yard, no traffic, elementary school 2 blocks West of Jamboree Road, South of Palisades, 20212 Spruce \$140 a month

FOR SALE: '66 Karman Ghia. Black with black interior; Porsche chrome wheels. Excellent condition — original owner. \$1800. 673-4373, evenings.

1966 VW for sale — Excellent condition, must sell. Call 673-8674 after 5 p.m.

RIDE WANTED: Corona del Mar to UCI. MW 11-1; T-TH 10-5. Will adjust schedule. 673-7859 — Chuck.

For answers to any questions concerning intramural sports, recreation sports clubs or sports activities in general, contact the sports recreation office in Campus Hall.

Phone 833-6931 for information concerning new or old sports clubs. There are also copies of the UCI Recreation Sports Handbook for 1967-68 in the sports recreation office.

Anyone interested in writing sports for the paper please contact Ron Takemoto at 201-C Loma, Mesa Court (833-6655) or contact Anthill office at 833-5546.

# *An Invitation*

## TO THE UCI STUDENT BODY

The School of Social Sciences wants UCI to be an exciting place for EVERYONE. We are committed to the creation of a new educational environment which gives each student and faculty member the fullest opportunity to develop himself and his area of life work. We think our policies, old and new, reflect this concern.

### **WE BELIEVE EACH STUDENT SHOULD RUN HIS OWN LIFE**

So . . . The School of Social Sciences requires only 27 courses for a major, *including* breadth requirements *and* the hotly debated math requirement.

- . . . Individual study can begin in the freshman year — all you need is an idea and one faculty member to give you the course number to develop it under.
- . . . Choice of advisors — and the choice not to be advised.
- . . . The right to pass *any* course by examination.
- . . . The opportunity to create your own courses.

### **WE BELIEVE THAT EXCELLENCE OF SCHOLARSHIP IS THE FOUNDATION OF THE UNIVERSITY. SEEKING EXCELLENCE, AS WELL AS RELEVANCE, THE SCHOOL HAS REORGANIZED.**

We have three interdisciplinary programs, centered on contemporary problems and techniques in the Social Sciences, which we expect to replace disciplinary departments over the course of the next several years.

This will mean new courses; an example is Soc. Sci. 5 — an experimental alternative to Soc. Sci. 1, and a reorganization of undergraduate education in the Social Sciences.

### **WE BELIEVE THAT EACH STUDENT SHOULD BE ABLE TO PARTICIPATE TO THE FULL EXTENT OF HIS INTERESTS AND CAPABILITIES IN THE CONDUCT OF THE UNIVERSITY.**

Last year we had general seminars and a Dean's cabinet. They met with only limited success. This year we would like to form a Society of Junior

Fellows. The ground rules are still being formed, but the idea is to have able students join with the faculty in all levels of University affairs.

### **WE INVITE THE UCI STUDENT BODY TO WORK WITH US DURING THE COMING YEAR TO GIVE SUBSTANCE TO THESE PLANS, TO OFFER PLANS OF YOUR OWN, AND TO HELP US IN DESIGNING A HEALTHY, CREATIVE EDUCATIONAL ENVIRONMENT FROM WHICH WE WILL ALL BENEFIT.**

**EVERY FRIDAY** afternoon at 1:00 there will be coffee and discussion in the Social Science Lounge, Room 300 HSS. Everyone is welcome.

**LET US HAVE YOUR IDEAS AND COMMENTS.**

*The Faculty, School of Social Sciences*