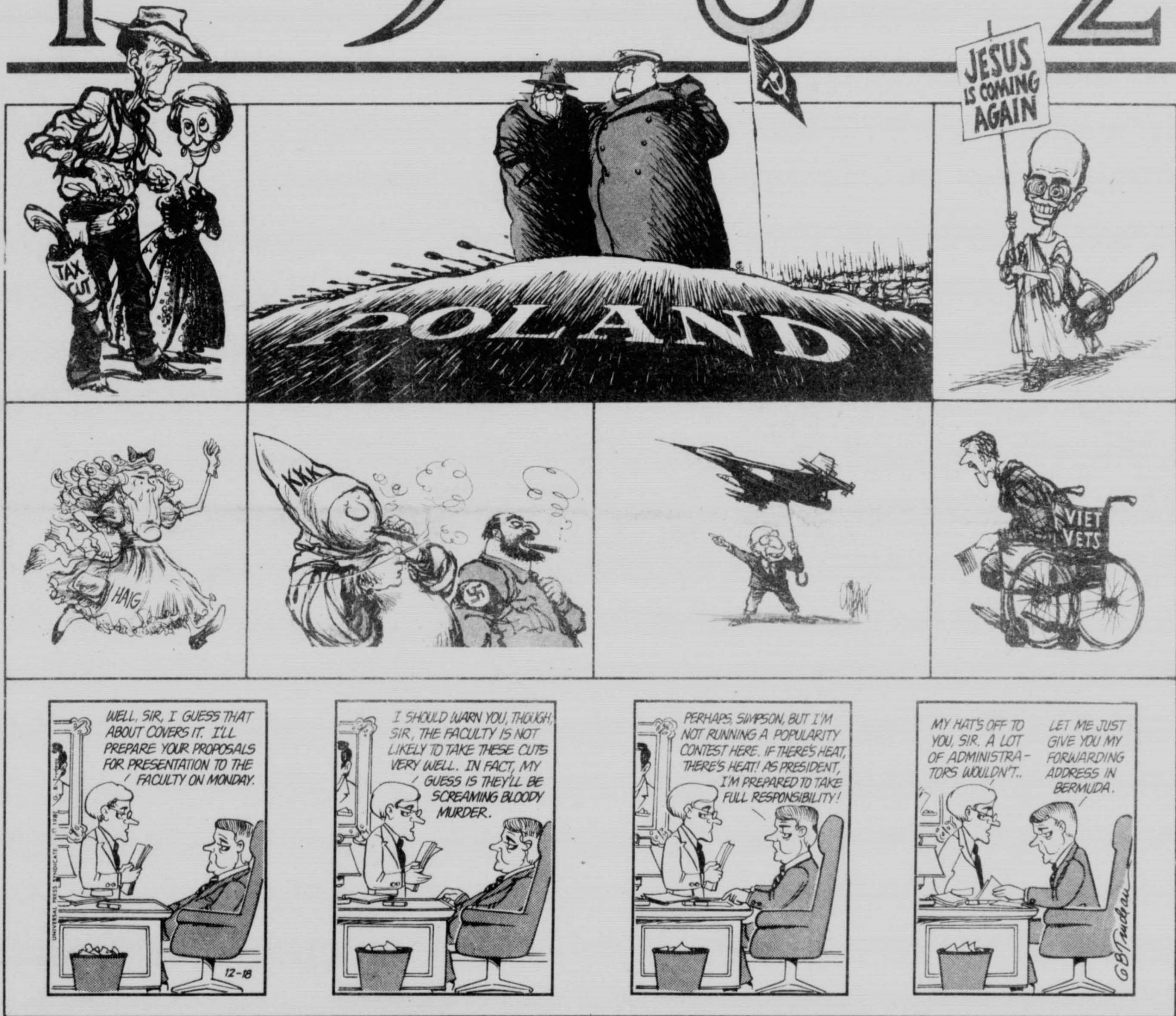


# The UCSD Guardian

University of California, San Diego/Volume 45, Number 1/Monday, January 4, 1982

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◦ A LOT TO THINK ABOUT ◦

Women's volleyball wins national title. Page 19.

Is there a law school in UCSD's future? Page 5.

The future of the stables property. Page 7.



# Opinion

Unsigned editorials represent the opinions of the editorial board of the UCSD Guardian. The editorial board is composed of Peter Mortensen, Randy Hill, Paul Farwell and Lisa Sullivan. All other articles in this section are solely the opinion of the writer, and do not necessarily represent the views of the UCSD Guardian, its editorial board, its advertisers, or the Regents of the University of California.

The UCSD Guardian encourages letters to the editor and articles for The Bottom Line column. If you would like to submit an article or letter, please type your work on a 72-space line (triple-space between lines) and send to the Opinion/Editorial Editor, The UCSD Guardian, B-016. All submissions must be signed by the author, and must include the author's phone number. The Guardian regrets that it cannot return any submissions. Articles for Monday's issue must be received by Friday at noon; the deadline for Thursday's issue is Tuesday at noon.

## Moral and other help for Poland

One consolation might be found concerning the imposition of martial law in Poland: the Soviet tanks did not invade.

Of course, this is a minor consideration. There is no doubt in anyone's mind, especially among the Polish people, that the military crackdown was Soviet-planned, Soviet-ordered, and Soviet-approved.

The military crackdown in Poland is a blow to the cause of political freedom for people everywhere. We should all feel a sense of solidarity with the Polish people. The lit candle in American windows last Christmas Eve is only the first step in showing our concern for the events in Poland. The United States must continue to decry its opposition to the brutal repression in Poland. As a democratic nation, we can do nothing less.

Most unfortunately, however, we can do nothing more. The subsequent sanctions on Poland initiated by President Reagan, though well-intentioned, are misguided. Halting shipments of goods to Poland, particularly food, helps the oppressors and not the oppressed. Quite simply, the Polish people are starving, and they need all the assistance we can offer if they are to maintain their resistance to the military rule. As the Soviet newspaper, *Pravda*, pointed out, if the United States refuses to send food, the Soviet Union will "save" the Poles by sending the food instead.

To best help the Poles through this political and economic crisis, the United States must send both their thoughts and their food to the Polish people.

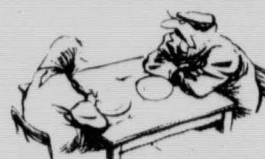
## Solutions to the cheating problem

**Editor:**  
It is depressing to read about the cheating problem that appears to exist at UCSD. For some reason, I felt that at a college of this caliber, it would be almost unheard of. It seems that it is just as bad as in high school. Now, as I think about it, I realize that cheating is probably easier in college. With exams given in a large lecture hall, it is next to impossible to efficiently monitor the entire group for cheating. Also, with different TAs grading different exams, it is difficult to detect similar patterns of wrong answers among groups of students that might indicate cheating. Certainly the pressure to cheat is far greater in college than in high school. What can be done?

In my opinion, very little can be done. Part of the problem stems from the general decrease in morality among young people. They do things

today that people their age would never have done a few decades ago, and do them with little remorse. It has become an "in" thing to cheat, just like taking drugs or engaging in premarital sex; it's an "easy way out." It's simply easier to go out and party and cheat on an exam the next morning than stay home and study. Others cram at the last minute and find they don't understand the material; it's too late then to seek help, so they cheat. In many cases, even those who have studied will get stuck on a problem on an exam, and will look at a neighbor's paper for a "hint" or to check their answer. The urge to cheat has probably risen in all of us; some people just control the urge better than others.

There are some strategies that might help to discourage cheating. Essay questions tend to be difficult to cheat on, especially if they involve a lot



THE PARTY SAYS "EAT."

## Glen and Shearer

### Notes from 'round the world

PARIS — An estimated 90,000 Polish students were able to leave home last summer for study and travel abroad, mainly in Western countries. Until martial law was declared in Poland last month, the number of students studying abroad was expected to rise next summer. Even the pro-Moscow Socialist Union of Polish Students (SZSP) had intended to find and promote job opportunities in the West.

Not surprisingly, Western values and tastes have rubbed off on these foreign students. And they may have played a major role in heightening student interest in the Solidarity-backed Independent Student Union (NZS). For the past year, the NZS has staged sit-ins, shut-downs and strikes in an effort to "democratize university life." While Eastern-bloc authorities have heavily criticized the new student union for "publishing and distributing all sorts of anti-socialist and anti-Soviet trash," as Radio Moscow recently claimed, the student has demonstrated a professionalism and resilience that can't be checked forever.

Ironically, a Czechoslovakian admirer of Western values, Lenka Cvrckova, helped found the Polish

Independent Student Union. For her role in editing a strike bulletin during campus protests last winter, she was deported and last known to be awaiting trial in Prague last August.

\*\*\*

Before the events of last month, the national army daily, *Zolnierz Wolnosci*, characterized the Solidarity leader, Lech Walesa, as a "great swindler." The newspaper accused Walesa of having "cheated the membership of workers" Solidarity and slandered the authorities. That should make Walesa *Time* magazine's Man of the Year.

\*\*\*

Most Americans would gladly support anyone working to bounce Ayatollah Khomeini from power. It would seem logical that such an anti-Khomeini group would welcome US backing. As is often the case with Iran, however, the opposite is true. The 17-year-old "People's Mujahedin," the most formidable opposition to Khomeini's ruling clique, doesn't want our help according to the group's leader Massoud Radjavi.

For starters, the Mujahedin

organized grassroots resistance against the American-backed shah of Iran and has a long-standing grudge against the US government. Moreover, the group is financially secure.

According to Radjavi, the mere appearance of collaboration with the US would only play into the hands of Khomeini's propagandists, who have been characterizing the 34-year-old exile as an American "puppet." And less than a year after the release of the hostages, anti-American rhetoric still plays well in Iran.

Despite its socialist leanings, the "progressive Islamic" Mujahedin isn't saddling up to the Soviet Union either. In fact, Iran's Tudeh Communist Party, which has minimal popular support, is one of the Mujahedin's chief nemeses. Moreover, according to Radjavi, Tudeh members have been able to infiltrate Khomeini's ruling power structure.

"What we want not only from the US, not only from the Soviets, not only from Pakistan ... Iraq ... Turkey, Afghanistan," said Radjavi in an interview with us at his suburban Paris residence. "is please not to interfere with our internal affairs."

please turn to page 4

## Inexpensive sport

**Editor:**  
This is in response to Kim Collier's letter in support of the proposed jogging trail. I too run four times a week. However, unlike Kim, I have never received an injury while running on or nearing terrain.

During my past two and a half years as a graduate student at UCSD, I have heard numerous complaints about the lack of funding for intramural and intercollegiate sports. The sides of Revelle Plaza are becoming increasingly populated with representatives from University athletic teams who are asking for financial contributions. I suggest that rather than building a jogging trail, the necessity of which I am not yet convinced of, we use the money to support our existing athletic program.

I am not trying to underplay the value of running as a sport.

Christopher J. Rhode

of free response rather than just recalling and discussing facts. Giving exams in section would make it easier to isolate test-takers and monitor them. Teachers should stress punishments for cheating in the syllabus. Finally, requiring student involvement in section meetings and encouraging student contact with professors and TAs would increase study time and understanding of the material and therefore reduce cramming and the urge to cheat.

Perhaps cheating can't be stopped, but certainly something needs to be done to curb it. As long as students feel that success via cheating is better (and easier) than failure via honesty, cheating will continue. The Honor System simply won't work anymore; we need a substitute that works.

I am not trying to underplay the value of running as a sport.

Jeffrey Grogger

## Reagan's economics

**Editor:**  
In response to Mr. Colin Flaherty's letter (*Guardian*, Nov. 23, 1981) I wish to point out merely that the fact that no UCSD economics professor wished to besmirch his reputation by arguing the President's side of the Regan economic policy, may well be indicative of the intellectual merits of the current Administration's program.



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Wednesday, January 6:

**BUREAUCRACY AND PERSONALITY IN U.S.—MEXICAN RELATIONS: THE CARTER AND REAGAN ADMINISTRATIONS COMPARED**

**Richard Nuccio**, Department of Political Science, Williams College (Massachusetts)

12:00 - 2:00 pm, Conference Room 111-A

Wednesday, January 13:

**THE TRANSFER OF POWER IN MEXICO: PRESIDENTIAL AND ELECTORAL POLITICS IN 1982**

**Samuel I. del Villar**, Centro de Estudios Internacionales, El Colegio de Mexico (Mexico City) and Director General Razones, Mexico City.

12:00 - 2:00 pm, Conference Room 111-A

Wednesday, January 20:

**MEXICAN WOMEN IN GLOBAL CORPORATIONS**

**Maria Patricia Fernandez Kelly**, Visiting Research Fellow, Program in U.S.—Mexican Studies, and **Guillermina Valdez de Villalba**, Director, Centro de Orientacion de la Mujer Obrera (Ciudad Juarez).

12:00 - 2:00 pm, Conference Room 111-A

Monday, January 25:

**ECONOMIC DEVELOPMENT IN THE U.S.—MEXICO BORDERLANDS**

**Jesus Tamayo Sanchez** and **Berta Helena de Buen Richkarday**, both of the Centro de Investigacion y Docencia Economicas (Mexico City).

12:00 - 1:00 pm, Conference Room, Bldg 402 (Warren Campus)

Wednesday, January 27:

**TRANSNATIONAL CORPORATIONS, EXPORT PROMOTION POLICIES, AND U.S.—MEXICAN AUTOMOTIVE TRADE**

**Douglas Bennett**, Department of Political Science and Director, Institute of Public Policy Studies, Temple University

12:00 - 2:00 pm, Conference Room 111-A

Monday, February 1:

**LAW OF THE SEA POSITIONS: MEXICO AND BRAZIL COMPARED**

**Daniel Suman**, Scripps Institute of Oceanography, UCSD

12:00 - 1:00 pm, Conference Room, Building 402 (Warren Campus)

Wednesday, February 3:

**AMERICANS ALL: THE MEXICAN—AMERICAN POLITICAL GENERATION, 1930 - 1960**

**Mario Garcia**, Department of History, University of California, Santa Barbara

12:00 - 2:00 pm, Conference Room 111-A

Wednesday, February 10:

**THE MEXICAN REVOLUTION: THE WHYS AND WHEREOFS OF THE GREAT REBELLION**

**Ramon E. Ruiz**, Department of History, University of California, San Diego

12:00 - 2:00 pm, Conference Room 111-A

Wednesday, February 17:

**MEXICO'S MANUFACTURED EXPORTS PROMOTION POLICIES IN COMPARATIVE PERSPECTIVE**

**Donald Keesing**, Senior Economist, The World Bank

12:00 - 2:00 pm, Conference Room 111-A

Wednesday, February 24:

**MEXICAN OIL: SOCIAL AND ECONOMIC IMPACTS**

**Deborah Baldwin**, Department of History, University of Arkansas; **James Metzger**, Histecon Associates, Little Rock, Ark.; **David Stea**, School of Architecture and Urban Planning, U.C.L.A.

12:00 - 2:00 pm, Conference Room 111-A

Monday, March 8:

**MEXICO AND THE INTERNATIONAL ENERGY MARKET**

**Miguel Wionczek**, Director, Program in Energy Studies, El Colegio de Mexico (Mexico City)

12:00 - 2:00 pm, Conference Room 111-A



The UCSD Guardian  
Paul Farwell, Assoc. News Editor

# Law school acquisition considered

Cal Western School of Law proposes merger with UCSD, other SD campuses

Will UCSD get a law school? While the UC Board of Regents has yet to approve any proposal, UCSD administrators have openly discussed the possibility of a merger with the California Western School of Law, a nationally accredited law school located in downtown San Diego.

Assistant Chancellor Pat Ledden said recently that UCSD "needs to have a state supported law school" since "San Diego is going to be one of the largest cities of the 21st century."

Officials from California Western feel that a merger with UCSD would be beneficial and very feasible.

"What we're interested in is a well-known and highly regarded university," Cal Western President Robert Castetter told a reporter. "One that has a very favorable national reputation and perhaps one that already has a post graduate or professional school."

International University. However, now that Cal Western is an independent entity, no such legal problems exist, Castetter said, adding that Cal Western's accreditation and its \$15 million in assets will encourage the Regents to agree to a merger.

Presently, no concrete proposal has been submitted to the Board of Regents.

UCSD officials, however, have made one demand: that the law school move its base of operations out of downtown San Diego and onto the UCSD campus.

# Future unclear for '34'

The legal fate of the "UCSD 34", a group of students arrested last June for staging a sit-in of Chancellor Richard Atkinson's office, may be nearing resolution.

At a court hearing November 24, the San Diego City Attorney offered to drop charges if all 34 students pay a small fine and fulfill the terms

of one year's administrative probation. Included in the offer was a requirement that students spend 25 hours working on student organizations.

The 34 students will confer with their attorney, Clifton Blevins, before accepting or rejecting the offer.

If no compromise is reached within the next two weeks, a trial date will be set for Jan. 28.

The "UCSD 34" face charges of "trespassing" and "failure to disperse" which were incurred last June during a protest of the denial of tenure to History Professor Emory Tolbert.

# Parking

Editor:

I am writing this letter in regards to Gregory Barnard's article, "Parking at UCSD: It Can Be An Adventure." Adventure is suitable but it can be more like a nightmare at times. As a Warren student who has purchased a parking permit, I find it very aggravating when I cannot find a single parking space. The lot for Warren students is ridiculously small and besides which, half of it is reserved for "B" permits only.

I have been fortunate enough thus far to have not received a parking ticket, although I have often had no choice but to park in a loading zone.

I know I could park in the lot for the apartments but I happen to find it inconvenient to have to walk across a ravine in order to get to my dorm.

In reading Barnard's article, I found it to be most informative yet not too relieving for present UCSD students. However, I am currently a volunteer at University Hospital and that bit of knowledge was alleviating.

Michelle Gonzalez

# Briefs

continued from page 2

Unfortunately, the Mujahedin's quiet non-alignment hasn't encouraged the United States to publicize the executions (including reported killings of children and pregnant women), torture and other human rights violations in Iran. According to Mansour Farhang, a confidant of former Iranian President Abolhassan Bani-Sadr, "There are an estimated 50,000 political prisoners in Iran... It is also estimated that another 50,000 dissidents are forced to live underground."

According to a report by (London) Financial Times' correspondent David Satter in Moscow, Soviet leaders entertain themselves almost exclusively with Western films. After losing their jobs, two Kremlin projectionists testified in court that the leadership prefers adventure and pornographic films.

With seats going up to \$800 a piece, the Rolling Stones have taken ticket scalping on their recent US tour in stride. One Stone has been quoted as saying, "It's suppside economics, man."

# Big break

Editor:

Having a Thanksgiving break before finals can be nice, but this break makes it difficult for some students to go home and spend this holiday with their families. We go home for a few days, come all the way back for a week of finals, and then return home again for the quarter break. It would have been a lot easier, and cheaper, if they would have started school two weeks early and have a six week break between quarters. This would enable students to spend this holiday with their families, without having to study or worry about their upcoming finals.

Stuart Lolly

# Good Pay For Engineering Students Over \$800 per month

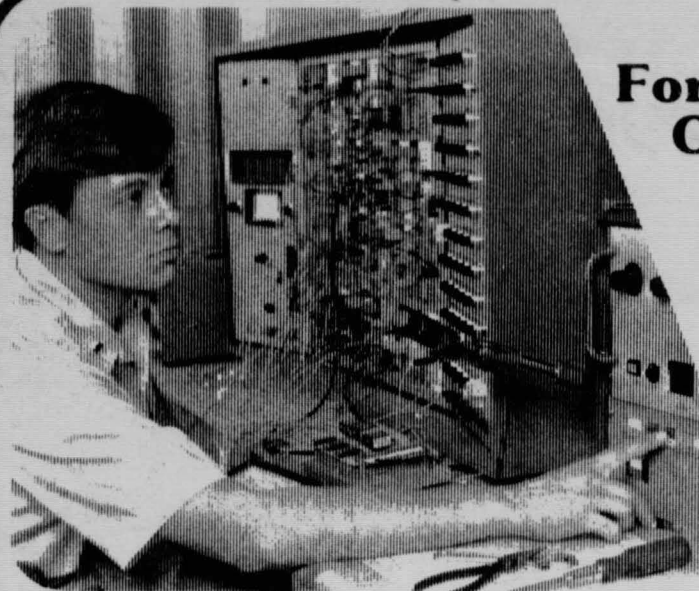
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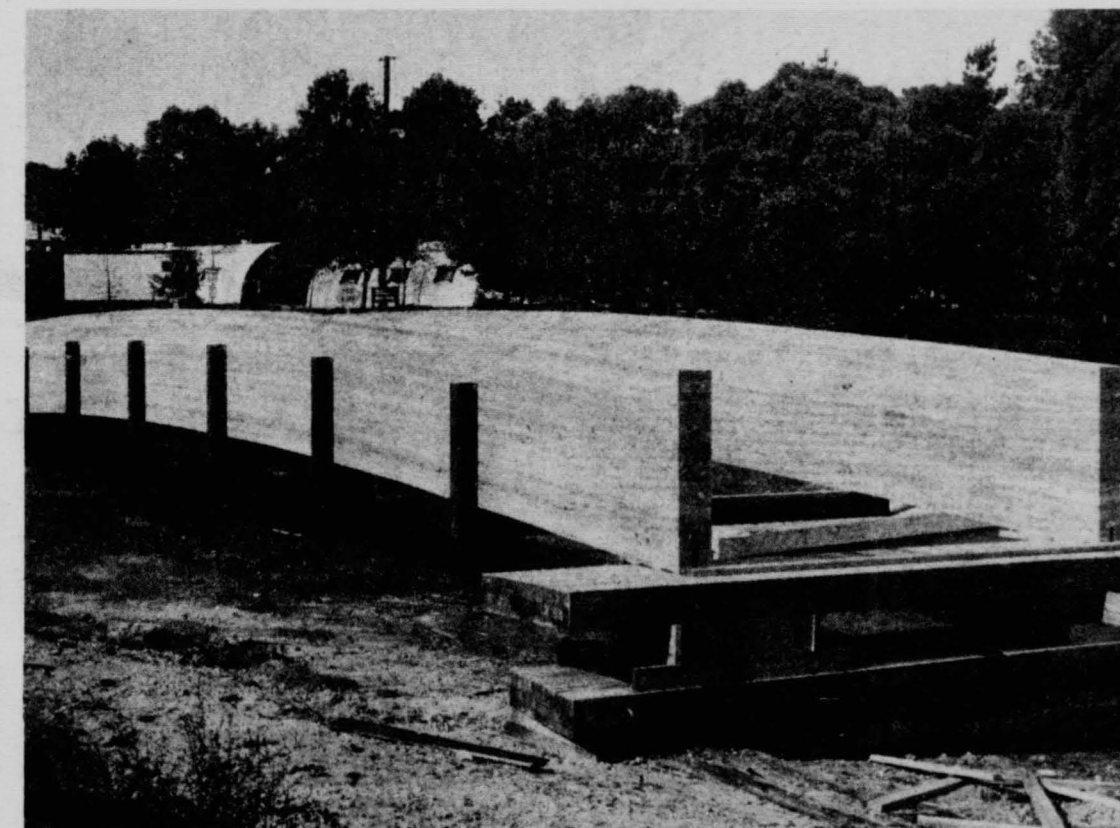
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# Look both ways before crossing the bridge



Guardian photo by Phillip Davies



Guardian photo by Phillip Davies

The sign says the bridge will be open today, but it would be a good idea to ignore it. Construction on the footbridge between Revelle Campus and the Medical School began shortly after the winter break began. The replacement

bridge is still under construction a mile away on Warren Campus. Also during the same construction project, the old asphalt walkway leading up to the bridge from Revelle Plaza was replaced by a concrete sidewalk.

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# How to jog the right way for increased fitness

Running, like religion and politics, has its fanatics and its opponents. Like some drugs, it has its addicts. The benefits and disadvantages of the "to run or not to run" controversy should be considered by every potential runner. With hope, the benefits will seem desirable enough, and the disadvantages easily enough avoided so that he or she will at least try; remembering that getting out the door is the hardest part.

The main benefits of running are weight loss, cardiovascular fitness, muscle tone and euphoria. A runner works off approximately 100 calories a mile. In addition his metabolism increases for some time after the run. He also decreases his appetite by heating up the core body temperature. This shuts off the apostat, that region of the brain which stimulates appetite.

When the heart works at a training level for sustained time periods, it becomes stronger and more efficient at pumping blood. Blood is forced under pressure through the vessels, stretching them, making them more flexible,

and encouraging collateral branching. Reducing the heart rate as little as four strokes per minute means 2,073,600 less strokes a year. This is an effect of a more efficient cardiovascular system.

The runners high is addictive. The euphoria proclaimed by most runners is due to the release of endorphins. Endorphins are the natural opiate-like substances released in the brain. Their presence in the body decreases slowly after exercise, but they can linger as long as two hours. After the workout, catecholamine levels are reduced. The reduction in these neuro-transmitters results in relaxation and stress reduction. The runner becomes more alert. It is an excellent way to clear the mind for studying.

Running tones the muscles in the legs. It does not, however, strengthen the stomach, back or arm muscles. These muscles can be toned by other aerobic exercise.

The possibility of injury is the main disadvantage of running. To avoid this, there are several steps a runner takes to prepare for and end a

run. Stretching is important. It should be done for at least five minutes before and after a run. The muscles in the legs, namely the quadriceps, the hamstrings, the calves and the achilles tendons, as well as the muscles around the hips are stretched.

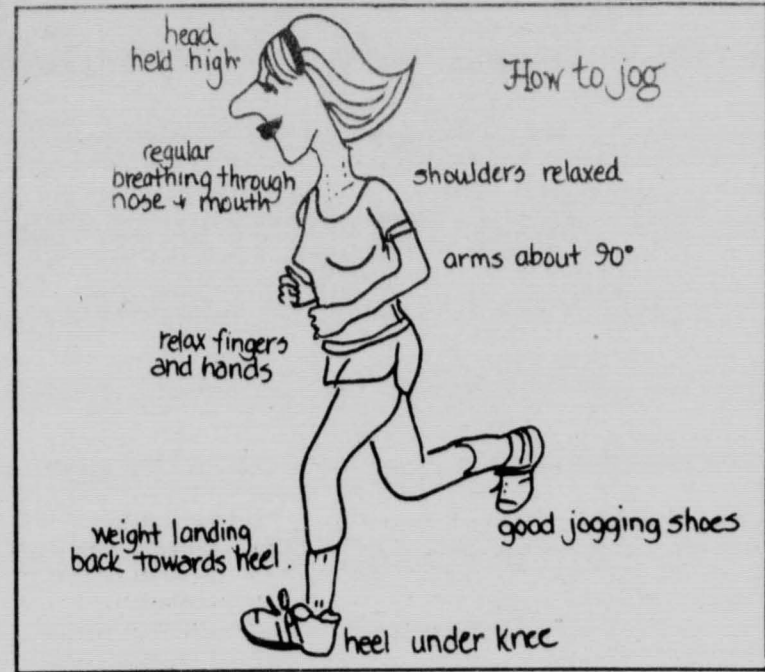
The most important thing to remember when stretching is that the longer the stretch is held, the better it should feel. Bouncing and overstretching will cause rather than prevent injury.

The runner walks or jogs slowly for the first and last part of the run. The warm up helps to start the circulation going, heat up and stretch out the muscles. The cool down avoids placing too much stress on the heart.

Using good running shoes on soft surfaces helps avoid impact on the knees and hips.

There are several rules about how to run, which are summarized by the drawing, but style is very individual. A runner should find one that feels comfortable.

In essence, every aspect of style should contribute to the efficiency of movement. The legs should move straight



forward, not up and down. The arms should swing forward and back, not side to side. Imagining a weight on the elbows helps to bring the shoulders down and back. All muscles, except those used in running, should be relaxed.

Running isn't for everyone. The impact on the knees and hips is too harsh for many people. Other forms of aerobic exercise, which give the same benefits, are cycling, swimming, dancing, jumping rope, cross country skiing, rowing and skating. Running just happens to be one of the cheapest and most convenient ways of exercising.

follows naturally. The run should be as far and as fast as is fun. The best way to build endurance for longer distances is by alternating walking and running.

More important than the physical running style, is the mental one. The run has to be enjoyable; otherwise why do it? An example of a mental exercise for running is picturing oneself, either before or during a workout, running lightly, comfortably and easily. With the image set in the mind, everything else

## Donations to UCSD drop

UCSD received private donations totaling more than \$10,000,000 in the 1980-81 fiscal year, according to statistics released by the UC Board of Regents. UCSD received exactly \$10,124,728, which is a nine percent drop from last year's total of \$11,130,765. Ray Ramseyer, special assistant to the chancellor for development, has said that the administration is "reasonably satisfied" with the amount of this year's donations.

## Stables planning

Plans to develop the university's La Jolla Farms property into a multi-faceted conference center has met with stiff opposition from local residents.

But despite their efforts to have the development abandoned, a university committee advising Chancellor Richard Atkinson on his final recommendation to the Board of Regents issued a statement supporting the construction of a conference center.

While officials of the La Jolla Farms Property Owners Association believe that the committee's report to Atkinson will have little bearing on his final decision, a spokesman for Sickleles

O'Brien, the San Diego development group that has done preliminary planning for the center, indicated that the committee's action was a substantial step toward final approval of construction.

As planned, the center would consist of a 200-room conference complex, research buildings, a small retail-commercial center, 36 townhomes and eight estate-type homes.

A public hearing on the matter will be held on Jan. 20 at 7:30 p.m. in USB 2722. There, Sickleles O'Brien will make a presentation on the center. On Jan. 27, Atkinson will host another hearing, also at 7:30 p.m. in USB 2722.

## Board of Visitors established to encourage Judaic Studies

A Board of Visitors, designed to encourage interaction between the Jewish community and the Program in Judaic Studies at UCSD has been formed by a group of San Diego citizens.

Elected to head the newly formed support group are Jerome Katzin, chairman; Dorothea Garfield, vice chairman, and Renee Taubman, recording secretary. All three have been active in recent successful efforts to raise private funds in support of the Program in Judaic Studies.

The Board of Visitors was formed to encourage interaction between the university and the Jewish community and to advise UCSD on the conduct of the Judaic Studies program. In addition, the board will sponsor a Judaic Studies Council open to all

contributors to the Judaic Studies endowment fund and to other interested members of the community.

The council will provide continuing support to the program and will take part in areas of study and participation in the public portions of the program.

Charter members of the Board of Visitors are Mr. and Mrs. Albert Boesky, Dr. and Mrs. Earle Brodie, Mrs. William Brooks, Mr. and Mrs. Stanley Foster, Mr. and Mrs. David Garfield, Mr. and Mrs. William Gerelick, Mr. and Mrs. Frank Goldberg, Mr. and Mrs. Jerome Katzin, Mr. and Mrs. Marvin Krichman, Mr. and Mrs. M. Larry Lawrence, Mr. and Mrs. Victor Ottenstein, Mr. and Mrs. Robert Price, Mr. and Mrs. Sol Price, Mr. and Mrs. Charles Taubman, Mr. Mandell Weiss,

and Dr. and Mrs. Jules Whitehill.

The endowment will provide for an endowed professorship in the Program of Judaic Studies, establish a library acquisition fund, establish a fund to support a bi-annual international conference on Judaic Studies, establish a publication fund and establish eight endowed scholarship funds.

Some 600 to 800 students, both Jewish and non-Jewish, currently enroll each year in courses offered through Judaic Studies at UCSD. The faculty includes program director Dr. Richard Friedman, a biblical scholar from Harvard University, and members of the anthropology, history, literature, philosophy and political science departments.

## New UCVP-Finance named

Earl F. Cheit has been appointed acting vice-president — financial and business management for the University of California.

The appointment, approved by UC Regents on Nov. 20, fills on an acting basis the vacancy that occurred in October when Baldwin Lamson suffered a heart attack and announced his resignation from the vice presidency.

Cheit, 55, is dean of the

School of Business Administration at UC Berkeley, and will continue to spend one-third of his time in that capacity. He will spend two-thirds of his time as an acting vice president with responsibility for financial management, business affairs, information systems and computing, and management audit activities.

A graduate of the University of Minnesota, where he also earned the Ph.D., Cheit has

been a member of the UC Berkeley faculty since 1957. He is the author of several books and numerous articles in the field of economics and higher education.

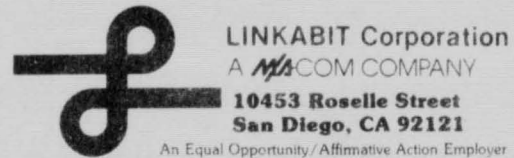
A nationwide search is being conducted for a permanent vice president — financial and business management. This acting appointment will terminate no later than May 31, 1982.

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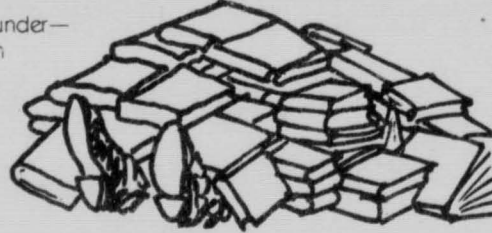
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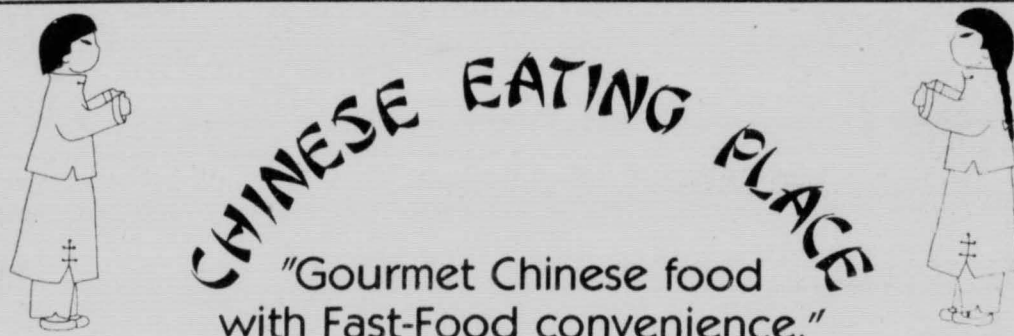
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Section B: Tuesday & Thursday, 10-10:50 am Central University Library (CUL) Room 263, CUL Instructor: Dr. Robert C. Westerman

Contemporary Issues 50 (a two-unit course) is offered Fall, Winter and Spring Quarter each year.



EGG ROLLS (2)	.....98	DRINKS	
Won Ton (5)	.....98	Pepsi	
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w/fried rice	.....2.79	Orange	.45 or .55
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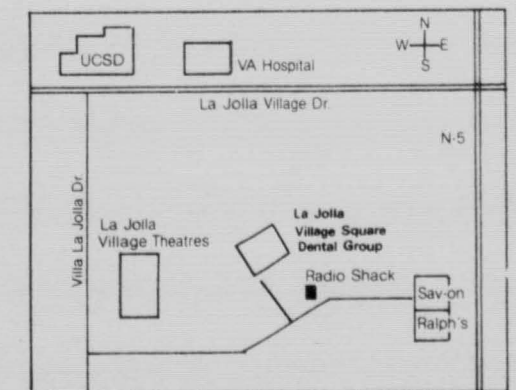
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by G.B. Trudeau

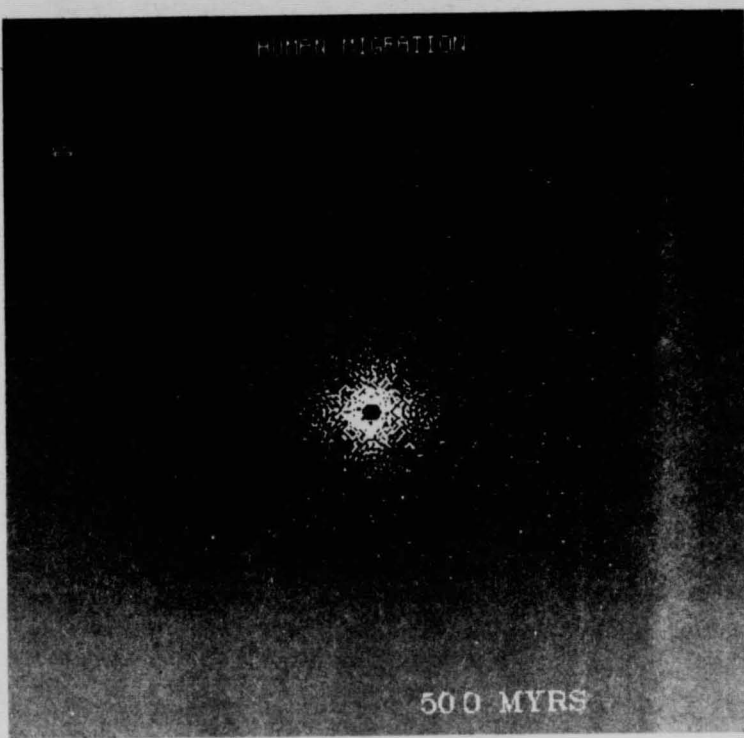


The UCSD Guardian  
Thomas Urbach, Science Editor

# Science

Page 9  
January 4, 1982

## UCSD scientists research a contraceptive hormone



50 million year human migration projection

The contraceptive potential of a powerful, synthetic brain hormone will be announced by UCSD School of Medicine scientists in the Jan. 8 issue of *Science*.

Pilot clinical studies have shown that injections of an LRF-agonist (luteinizing hormone releasing factor), a synthetic "super" version of a natural brain hormone, interrupts the delicate synchronization of the menstrual cycle enough to hamper the implantation of a fertilized egg in the wall of the uterus.

The UCSD scientists, in fact, have chemically induced a condition known as luteal phase defect, a disorder that causes infertility when it occurs spontaneously.

Injections of LRF agonist in five women on the first three days of their menstrual cycle extended the first half of their cycles by seven days, and shortened the second half by seven days. (Since the *Science* report, an additional twelve cycles have been studied, with similar results.)

The latter half of the menstrual cycle is normally 14 days, a time-frame that is essential for implantation of a fertilized egg. It is in this phase

that the egg, which has recently been expelled from the ovary, travels through the Fallopian tube, is fertilized, and implants itself on the wall of the uterus.

It appears that compressing these events results in the ovum reaching the uterus before it has been adequately prepared hormonally to receive and nurture a fertilized egg. Consequently, implantation may be circumvented.

UCSD investigators Samuel S. Yen, M.D., D.Sc., Katharine Sheehan, M.D., and Robert F. Casper, M.D., are encouraged yet cautious about their findings. Encouraged because this work is the first example of the chemical induction of a luteal phase defect in humans.

Further, daily analysis of the participants' hormone levels indicated that they developed a luteal phase defect because the corpus luteum, which supplies hormones to the uterus in preparation for implantation, had ceased functioning by the time the egg arrived. Thus, it was improbable that implantation could occur.

The scientists are cautious because large-scale clinical trials are now needed to confirm that the agonist's effects are reversible and reproducible during extended use. A large number of human studies by Yen's group and others over the past five years indicate that the agonist does not cause side-effects.

The UCSD team is also developing new methods of administration so that the agonist can be absorbed into the bloodstream in a more convenient form than injections.

Further testing will determine whether normal women who develop luteal phase defects through use of the agonist will experience the same rates of infertility as those who spontaneously develop the condition.

According to the *Science* article, if ensuing clinical studies bear out these preliminary findings, "administration of the LRF-agonist at the onset of the menstrual cycle may prove to be a practical and novel approach to fertility control... the convenience of timing administration of the LRF-agonist at the onset of menstruation represents a major advantage for practical application to fertility control

## Scientist predicts space colonization

A Los Alamos scientist says if humans begin to colonize space, mankind's migration throughout the entire galaxy could take as little as 60 million years or less.

Eric Jones, a staff member in the Laboratory's Earth and Space Sciences Division,

Geanalysis Group, says his computer calculations lead him to believe that colonization of our galaxy could be accomplished in as little as 60 million years, rather than the 2,000 million years predicted by other astrophysicists. He

please turn to page 10

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## Human migration

continued from page 9

Jones also believes that we are alone within this galaxy because, if his prediction is right, other technological societies could have reached Earth long before this and "there is no evidence of their engineering projects, although admittedly, we have only begun to explore the solar system and we cannot be sure."

Jones bases his time scale on complex computer calculations, but the human factor enters into his conclusions. Traditionally, he says, life itself is a very diffuse form of matter — viruses and many plants migrate through wind and water flow; *homo erectus* spread across the face of the Old World; *homo sapiens*, developing a wide range of technological skills, spread into the New World and the Pacific; and there are still significant migrations occurring around the globe.

"Mankind typically migrates. If we try to picture our future as a technological species, we can imagine the outcome to range from a total collapse of modern society to an unbounded future in which humanity spreads outward from Earth into the solar system and beyond to the stars. Intertwined with our future is the question of who else is out there.

"Since man first realized that the stars and planets might be more than just bright lights in the sky, the question has been posed. Eminent physicist Enrico Fermi phrased it this way: 'Where is everybody?'"

Jones comments that if his theory is correct, then other technological societies within our galaxy could have reached Earth by now. But, he says, if he is wrong and interstellar travel is impractical, or if the expansion rate of a species capable of sailing the vast interstellar void is a great deal slower than 60 million years, then "the absence of aliens in our midst becomes an inconsequential observation."

Jones points to the foot-loose habits of mankind as indicative that space will some day be colonized by human beings, citing the flood of emigrants to America, and the herculean voyages of Polynesians in double-hulled canoes, who settled the Pacific island chain.

He foresees space colonization beginning with manned space habitats in eosynchronous orbits around our planet, followed by expansion into the solar system, then into the galaxy.

"Initially, those who go into space will return periodically, but then, in a few hundred years, when we have the technology, settlements will be placed within the vicinity of stable, medium-sized stars. Settlers will 'mine' the asteroids and moons orbiting these stars, for their needs. Once you have generations of people living in space, who know no other life and who reach a natural population saturation point, the exodus will begin. People will begin to move on, to establish other habitats. It is a never-ending process, for which we have ample evidence on our own planet, down through the millennia."

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## Man's journey to the stars

continued from page 10

Jones says as such expansion continues over long periods, when biological evolution of the human race may change adaptively, the technology they develop will migrate with the people. In a sense, the physicist says, survival will be assured for the colonists because the stars which they will reach are so far apart that a supernova explosion would not be able to entirely wipe out all remnants of humans in space.

"Ancient settlements may wither or disappear, but the migration should, by its diffuse nature, reach virtually every corner of the galaxy."

In its simplest form, Jones' theory is based on an estimated distance between potential settlement sites, beginning with the solar system, then proceeding to the nearby stars. The speed of the migration wave will then be the average distance between sites, divided by the sum of the travel time and the population growth time. Such growth time will follow a well-established curve, if humans in space adhere to the pattern of humans on Earth.

Traditionally, Jones points out, new colonies experience an explosive growth which

then settles down. Migration soon follows, usually at 700-year intervals.

Habitats will almost certainly orbit stars, Jones believes, and they will be stars that are of a certain luminosity — hot, bright stars will radiate too intensely for safety and the light from old and small stars will be too feeble to be useful. Medium-size single stars will support most colonists, as many as a trillion, ultimately, compared to the estimated 20 billion people that earth might support. Single stars that fit such criteria are spaced about seven light years apart, on an average. (A light year is the distance light travels in a year, when moving at 186,000 miles per second.) Jones believes craft of the future traveling at about seven percent the speed of light could reach from the solar system to a star such as "Barnard's Star," in the Constellation of Ophiucus, in about 80 years.

"Such a journey is currently beyond our means," Jones admits. "Pioneer 10 will take about 70,000 years to travel seven light years. But it is comforting to note that conceptual studies show ships capable of relativistic flight require only sophisticated technology for their operation,

not magic! The British Interplanetary Society's Project Daedalus is a study of such a craft."

Numerous schemes have been described for powering interstellar flight, including a "pellet stream" method that would launch deuterium fuel pellets ahead of a space ship, which it could then take on board as needed. Large lasers, focusing enormous amounts of sunlight in space collectors, may someday be used by space dwellers, as could fusion engines.

"Such methods could be tremendous, in that they preclude the vessel having to carry large amounts of fuel. If a laser could be used to accelerate the interstellar craft to high velocity, then the vessel would have to carry only engines and fuel to slow the craft, as it approaches its target."

Jones says calculations already show that with a deceleration engine operating for a seven-light-year journey at constant thrust, a 10 percent-efficient engine could make that journey in about 100 years.

As to the presence of extraterrestrials in our galaxy, Jones concludes that

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## Contraception

continued from page 9

and offers the possibility for providing a "once a month pill." Yen projects that it will take two to three years to conclude further detailed investigations before the agonist can be considered for large-scale clinical trials.

"The whole world is waiting for a better birth control pill, but it is not going to come easily," he said. "We have learned from the side-effects and dosage problems of past birth control pills that the slower and more careful the evaluation we can give this new method, the better. I expect that when ours is refined it will give us another method of birth control, but will not replace the pills now available."

If clinical trials bear out the agonist's effectiveness as a contraceptive, it will have some advantages over current birth control pills. The agonist is a modified version of a natural brain hormone. It acts on a precise target — the pituitary cells that produce gonadotropic hormones, which, in turn, control the ovarian cycle. For this reason it would be unlikely that the agonist would cause many side-effects.

Birth control pills, however,


inhibit the normal activities of the hypothalamus, pituitary, and ovaries and also act outside of the reproductive system, affecting the liver, gallbladder, and blood clotting system.

Another advantage is that the agonist need only be taken at the beginning of the menstrual cycle, instead of daily, as is the case of birth control pills.

As Yen explained, "Of all the contraceptive studies that I am aware of, this is one of the most exciting because you have a reference point for when to apply it — when menstruation begins — and it is hopeful that one single dose will achieve the goal, without disturbing the overall length of the menstrual cycle."

When the LRF-agonist is administered during the first few days of the menstrual cycle, it overstimulates the gonadotropic cells in the pituitary to secrete hormones. Consequently, the cells become unresponsive to the natural and less powerful LRF messages the hypothalamus sends during the remainder of the cycle. This "down regulation" of the pituitary causes the time shifts within

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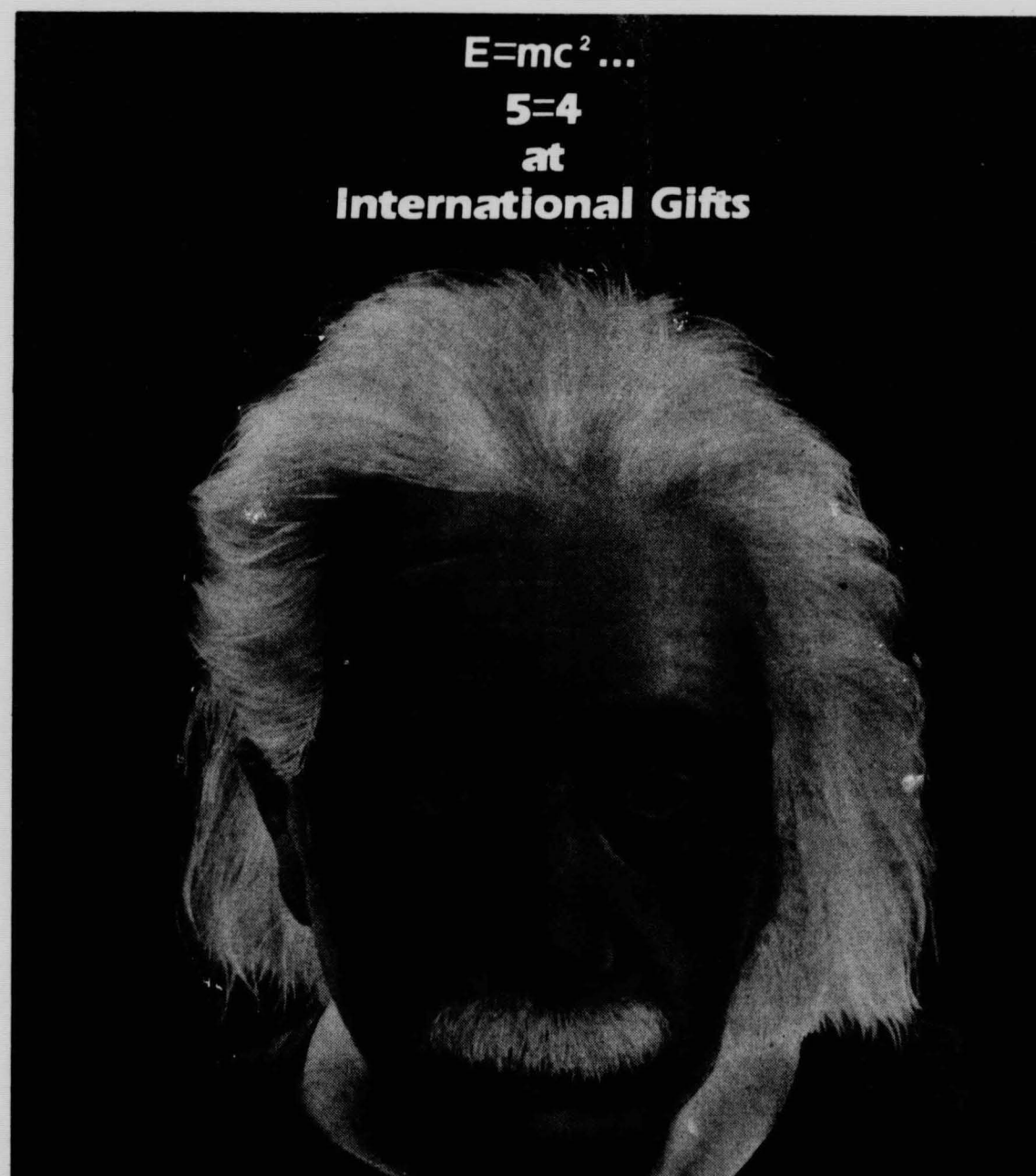
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## Photography

### Photography Darkroom Membership

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### Beginning Photography

Instruction in the basic concepts and skills of photographic tools and techniques, with an emphasis in recognizing and exploiting the camera as a tool. The class will be taken step-by-step from camera operation, to accurate film processing, to efficient printing techniques, through final presentation methods. Class includes use of darkroom facility. 9 weeks. No prerequisites. Carlos Reyes

Wednesdays 7-9 pm  
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Fees: s/s \$32, f/s \$45, n/s \$65

### Photography: Beginning II

An extension of beginning photography designed for the student familiar with camera use and film development.

Emphasis will be on advanced techniques of black and white printing. Creative control and use of camera and film will be encouraged. Class includes use of darkroom facility. 9 weeks. Prerequisite: Beginning Photography. Carlos Reyes

Mondays, 6-8:30 pm  
Crafts Center, 1/18-3/15  
Fees: s/s \$32, f/s \$45, n/s \$65

### Intermediate Photography

This class is designed for those students who have already completed a beginning class, or who have had enough experience in the field who feel they would be better off at this level. Prerequisite: Beginning Photography or equivalent.

Louise King  
Thursdays 6:30-9:30 pm  
Crafts Center, 1/21-3/18  
Fees: s/s \$32, f/s \$45, n/s \$65

### Photography Street Tour

This class is for the intermediate or advanced student who wishes the opportunity to capture and document on film the people and their environment in the exciting city of San Diego. Areas to be explored will be the Mission Beach Boardwalk, Balboa Park and the Zoo, downtown San Diego, the waterfront, and the new Trolley. Students will have the choice of shooting in either color or black and white. Bring your camera loaded with Kodachrome 64, slide film, or your choice of black and white film. Also, bring a bag lunch to the first meeting which will begin at the Crafts Center. Course includes use of the Crafts Center darkroom. 6 meetings.

Louise King  
Saturdays, 9-2 pm  
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Fees: s/s \$32, f/s \$45, n/s \$65

### Sports Photography

Action photography from the field to the darkroom. This three-day workshop will cover through lecture, demonstration and guided laboratory practice everything you need to know about shooting sports action. Film, technique, filters, developing push/pull and more will be covered.

Michael Stevens  
Saturdays, 9 am-1 pm  
Crafts Center, 2/6, 2/13, & 2/20  
Fee: \$20

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### Yoga

Self-exploration through the practice of Hatha Yoga postures, breathing and concentration. Attention will be given to the possibilities of letting go of chronic tensions and discovering new energy sources. 9 weeks. No prerequisites.

Sarada Donnelly  
Tuesdays, 5-6:30 pm  
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## Ceramics

### Beginning Ceramics

This survey course will offer the person without experience or background in ceramics or art the opportunity to gain a basic foundation in form, function, and aesthetics through which students will develop their own creativity through the exploration of clay. The primary objective of the course is to teach the beginning student to successfully make cups and other cylindrical forms and to develop an understanding of the complete ceramic process. Each student will be trained in the proper use of the potter's wheel and in the working properties of clay; both of which are basic to the potter's art. Elementary techniques of glaze application and its utilitarian function will be explained. No prerequisites. 9 weeks.

**Section I**  
Mike Michaelson  
Mondays, 6-8:30 pm,  
Crafts Center, 1/19-3/16  
Fees: s/s \$32, f/s \$45, n/s \$65

**Section II**  
Ron Carlson  
Wednesdays, 6-8:30 pm  
Crafts Center, 1/20-3/17  
Fees: s/s \$32, f/s \$45, n/s \$65

**Section III**  
Gwenn Truax  
Saturdays, 9-11:30 am  
Crafts Center, 1/23-3/20  
Fees: s/s \$32, f/s \$45, n/s \$65

### Intermediate Ceramics

This course will emphasize extending the use of and improving proficiency on the potter's wheel. More advanced forms will be introduced, including the teapot, goblet, and plate. Use of the spray gun and other more sophisticated glaze and surface decoration techniques will be introduced. 9 weeks. Prerequisite: Beginning Ceramics.

Gwenn Truax  
Thursdays 6-8:30 pm, 1/21-3/18  
Fees: s/s \$32, f/s \$45, n/s \$65 plus \$10 materials fee

### Ceramic Studio Membership

Non-instructional use of the ceramic studio and equipment. Includes glazes, firing and studio access at least 70 hours per week for 9 weeks. Prerequisite: Beginning Ceramics. Fees: s/s \$32, f/s \$45, n/s \$65 plus \$10 materials fee.

### Beginning II

An extension of Ceramics I. Designed for the student who feels comfortable with centering and can throw a simple cylinder. Further development of skill on the potter's wheel at the introductory level. Form and function will be more fully explored. Oxides, slips and engobes will be introduced as surface decoration techniques. Students will gain practical kiln loading and firing experience. 9 weeks. Prerequisite: Beginning Ceramics I.

**Section I**  
Kathy Gruzdas  
Tuesdays, 6:30-9 pm  
Crafts Center, 1/19-3/16

**Section II**  
Eric Christian  
Tuesdays, 9-11:30 am, 1/19-3/16  
Fees: s/s \$32, f/s \$45, n/s \$65

### Advanced Ceramics

Crystal glaze: This course will deal exclusively with crystal glazes and porcelain. Instruction will cover varied approaches to wheel thrown porcelain, to glaze formulation, and the complex firing process. The goal

Eric Christian  
Mondays, 1-3:30 pm, 1/18-3/15  
Fees: s/s \$32, f/s \$45, n/s \$65 plus \$10 materials fee.

### Advanced Ceramics

This course is designed for the student desiring to develop his/her personal ceramic style at the advanced level. Emphasis will be on individual attention between student and instructor. 9 weeks. Prerequisite: Intermediate Ceramics.

Ron Carlson  
Thursdays, 9-11:30 am, 1/21-3/18  
Fees: s/s \$32, f/s \$45, n/s \$65 plus \$10 materials fee

# WINTER QUARTER, '82

## Stained Glass Calligraphy Recorder Guitar

### Beginning Stained Glass

The successful completion of a student designed stain glass window approximately one square foot in size is the minimum objective of this class. Through this experience the student will gain an appreciation of different design themes, construction techniques, types of glass, and the patience required to execute a worthwhile window. Students will work at their own speed and are encouraged to work outside of class on their project. Many students will be able to complete more than one window, each of increasing difficulty from the first. Besides window assembly, etching on glass via sandblasting will be taught as a quick and easy way of putting permanent designs on glass objects such as glasses, bottles and mirrors. Individual instruction and almost all tools required are provided in class but glass must be purchased by the student. 9 weeks. No prerequisites. Randy Galijan

Wednesdays, 6-9 pm  
Crafts Center, 1/19-3/16  
Fees: s/s \$32, f/s \$45, n/s \$65

### Calligraphy: Handwriting Made Beautiful

This course will introduce the students to the formal and cursive italic hands of the Renaissance. Through practice, weekly exercises, and projects, the students will be able to recognize the letterforms and execute them freely with artistic flair and discipline. They will become familiar with the skills necessary to write with a broad nib pen and other materials used in the art of calligraphy. The course will also cover the historic background of 4000 years of penmanship and other calligraphic hands through the use of slides and guest calligraphers. The class is open to anyone over 16 years old. A materials list will be discussed the first day but bring any supplies you already have. 8 weeks. Kathy Shank

Thursdays, 6-9 pm  
Crafts Center, 1/20-3/17  
Fees: \$32

### Beginning Recorder

In this course, we will cover the fingerings for 27 notes. This will enable the student to play the vast majority of music written for recorder, and much of the music written for other instruments. The materials we will work on include some basic scales and exercises, as well as several songs, ranging from classical to folk to popular melodies. There will also be some supplementary pieces provided to augment the material covered in the classroom. No previous musical experience is necessary. Students must provide their own instrument. Any type of recorder is fine.

Diane Anshell  
Thursdays, 5-6 pm  
Crafts Center, 1/21-3/18  
Fee: \$30

### Basic Guitar

This course is designed to provide the student with a basic chord vocabulary, so that a large amount of material of any style may be played. It begins with the most commonly used chords in "open" position, and progresses through to "bar" chords, which can be played in any key. The course materials range from old favorites and standards to popular material, and at the end of the course the student will be ready to approach a large range of material in whatever style of music they prefer. In each hour session the students will be given two or more new chords of progressing difficulty, and several songs to take home and practice using the new chords. The material from the previous week will be reviewed in class, and each student will be given pointers as to how to improve their playing capabilities.

**Section I**  
Howard Anshell  
Tuesdays, 5-6 pm  
Crafts Center, 1/19-3/16

**Section II**  
Howard Anshell  
Wednesdays, 5-6 pm  
Crafts Center, 1/20-3/17

Fee: \$30

## Auto

### Auto Tune-up Workshop

This workshop offers an opportunity to perform a basic electrical tune-up on your own car. Learn the procedure for replacing plugs, points, condenser, servicing air and gas filters, and a check of the operation of the fuel system. No prerequisites.

Jim McCoy/John Edwards  
Saturday 9am-2pm  
Crafts Center, 2/6  
Fee: \$15



### Intermediate Stained Glass

Professional techniques of working in glass will be presented, including large window construction, light box pattern cutting, copper foil lamps and sculptural forms. Some class time will be devoted to exploring the use of kilns in forming and sagging glass. Students are requested to bring ideas and previously completed glass projects to the first meeting. Tracy Dupue

Tuesdays, 6-8:30 pm  
Craft Center, 1/19-3/16  
Fees: s/s \$32, f/s \$45, n/s \$65

## Graphics

### Beginning Drawing

So you say you can't even draw stick people! This class is for you. Using several drawing mediums such as pencil, conte crayon and pen & ink, this class will cover the fundamentals of beginning art. Emphasis will be on composition, value and line techniques. This class will be an eye opening experience and give you a new way to look at things. Everyone is welcome! 9 weeks.

Vern Farris  
Thursdays, 6-9 pm  
Crafts Center, 1/21-3/18  
Fees: s/s \$32, f/s \$45, n/s \$65

### Water Colour and Illustration

Using various methods of transparent water colour, this class will delve into the world of the communicating arts. Techniques such as wet on wet, dry brush, masking and wash will be combined with the illustrative medias of pencil, pen & ink and gouache. Visuals will include slide presentations and demonstrations. Every stage of artist from novice to advanced is invited to attend. 9 weeks.

Vern Farris  
Saturdays, 9-11:30 am  
Crafts Center, 1/23-3/20  
Fees: s/s \$32, f/s \$45, n/s \$65

## Baskets

### Basketweaving

Create containers made of beautiful yarns or native California natural materials. Learn coiling, plating, and twining techniques and learn how to prepare materials. We will look at slides of Native American baskets as well as contemporary artists' baskets for ideas. Baskets can be useful containers as well as a personal art statement. We will complete several baskets by the end of the class and students will have the necessary skills to continue to make many more. Students will purchase and gather inexpensive materials. 9 weeks.

Patricia MacGillis  
Wednesdays, 6-8:30 pm  
Crafts Center, 1/20-3/17  
Fees: \$35

### Torrey Pines Needle Baskets Workshop

The Torrey Pine tree grows in only a few places in the world and this area is one of them. Using the needles from this special tree, we will create beautiful and unique baskets. Learn how to prepare materials, various basketry techniques, and how to shape a basket. Each student will complete a basket by the end of the day and will have the knowledge and skills to create many more. All materials are provided. 2 sessions. Patricia MacGillis

Saturdays, 1-5 pm  
Crafts Center, 1/23-3/20  
Fee: \$20

### Quiltmaking

This course offers instruction in both traditional skills as well as short cut techniques of quiltmaking. Each student will be involved in a variety of quiltmaking techniques that will provide quick results for the beginner and add new dimensions for the continuing students. 9 weeks. No prerequisites.

Ruth Briggs  
Mondays 6-9 pm  
No. Conf. Rm., Student Center  
1/18-3/15  
Fees: s/s \$32, f/s \$45, n/s \$65

### General Information

Crafts Center classes and workshops are open to all UCSD students, staff, faculty, and all interested members of the community. It is possible to register by mail by cutting out the form below, filling it out and mailing it with your check made payable to the UC REGENTS for the appropriate amount (see fee schedule below). If you are a student registering by mail, you must include your student I.D. number and have valid identification if requested. Or, you may register in person at the Crafts Center which is located between Bonner Hall and the Student Center on the Revelle campus. Students, staff, faculty and all spouses of the above are required to show valid identification at the time of registration.

**Registration Hours:** Monday, Jan. 4, 10 am-6 pm. Tuesday, Jan. 5 to Friday, Jan. 15, 10 am-4 pm.

**Fees:** All Classes, Ceramic studio membership, & Photography darkroom membership:  
UC students and spouses . . . \$32  
UC faculty/staff and spouses . \$45  
All others . . . . . \$65

## Youth Programs

**Clay Arts**  
John Edwards  
Mondays, 3:30-4:30 pm  
Crafts Center, 1/18-3/15  
Fee: \$28

**Puppetry**  
Georgia Laris  
Wednesdays, 3:30-4:30  
Crafts Center, 1/21-3/17  
Fee: \$28

**Making Musical Instruments**  
John Edwards  
Wednesdays, 3:30-5 pm  
Crafts Center, 1/20-3/17  
Fee: \$28

**Art and Stories**  
Connie Cazort  
Wednesdays, 3:30-4:30 pm  
Crafts Center, 1/20-3/17  
Fee: \$28

**REGISTRATION WEEKS:**  
Jan. 4-8 & Jan. 11-15

For additional information, call:  
THE CRAFTS CENTER, 452-2021.



### Courses of Interdisciplinary Interest Offered by Philosophy Winter 1982

- 1. The Nature of Philosophy**  
**Georgios Anagnostopoulos**  
T Th: 1 - 2:20 pm HL 1205  
Aims at introducing students to basic problems and tools of philosophy. Readings from traditional philosophical texts will illustrate central questions of philosophy.
- 117. Problems in Scientific Method**  
**G.S. Joseph**  
M W F: 10 - 10:50 am HL 1116  
Historical/analytical study of philosophical questions concerning nature of space and time, from Newtonian physics up to 20th century and basic features of special theory of relativity. No prerequisites.
- 122. Bio-Medical Ethics**  
**Barbara Winters**  
T Th: 10 - 11:20 am HL1402  
Examination of ethical issues arising in medical practice/research, methods of resolving them, with aim of enabling students to reason effectively on such problems as concept of health, euthanasia, medical experimentation, etc.
- 141. Phenomenology and Existentialism: Sartre and His Critics**  
**Robert Pippin**  
T Th: 1 - 2:20 pm HL 1116  
Study of *Being and Nothingness*, emphasizing Sartre's theory of consciousness and radical freedom. Also Foucault's *Madness and Civilization*, and Derrida's *Writing and Difference*. No prerequisites (prior acquaintance with philosophy/phenomenology helpful).
- 152. Philosophy and Literature**  
**Nicholas Jolley**  
M W F: 9 - 9:50 am HL 1116  
"Tragedy is the conflict not of right and wrong but of right and right" (Hegel). Study of questions raised by this dictum. Texts include Sophocles, Ibsen, Beckett.

## BRUSH UP

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at the UC San Diego Health Center



# The Arts

## Clarinet program this week

### All-Mozart show set for this Wed.

The UCSD Music Department, which is well-known both locally and internationally for its presentation of new works in premiere performances and its unusual and innovative programs, will be host to another kind of first in Mandeville Auditorium on Wednesday evening, at 8 p.m.

The *All-Mozart Program* will consist entirely of those major compositions written for Mozart's friend and fellow Freemason, clarinetist Anton Stadler. The greatness and variety of forms of these works (a piano trio, a quintet for clarinet and strings, a concerto with orchestra, and one of Mozart's last great set piece arias with clarinet obligato) helped assure the clarinet's lasting importance as a solo, chamber music, and orchestral instrument.

The idea for this program occurred to UCSD Visiting Assistant Professor William Powell as he was preparing a lecture titled "The Symbiosis of Composer and Performer in the Exploration of New Instrumental Techniques" which was to be presented in Valencia, California at the UCSD - CalArts co-sponsored Contemporary Music Festival, 1981.

"At the time I began work on my lecture," says Powell, "I was becoming rather disturbed that a couple of student composers had brought to me completed, and even inked, scores for clarinet which had quite obviously been written with only a textbook knowledge of the instrument. It was apparent that they had never talked to a clarinetist to find out whether or not what



Visiting Assistant Professor and clarinetist William Powell

they had in mind was really feasible.

"At about this time also, I received a copy of a recently discovered work composed by Anto Stadler, the clarinetist for whom Mozart had written some of his greatest masterpieces. Stadler's was a mediocre piece at best, but in playing through it I noticed certain passages which seemed to have been lifted bodily from Mozart's Clarinet Concerto or the Clarinet Quintet. While these passages

were not identical to Mozart's, they had the same feeling technically.

"Further research led me to discover that Stadler was himself something of an explorer of new techniques and during the 1780's and 1790's he was engaged in experimenting with extending the clarinet's lower compass. Mozart happily accommodated Stadler's innovations in much the same way that some contemporary composers use

## Around town and on campus in Jan.

### A big line-up of music, movies and art to entertain you in 1982

#### concerts

At the tender age of 48, Willie Nelson has bridged the country-pop-rock gap to become one of the hottest musical acts in the world. Thanks to his mass appeal, Nelson has also been successful in T.V. and film (*Honeysuckle Rose* and *Electric Horseman*).

But it is his musical prowess that has caused crowds of over 100,000 to flock to see this pigtailed crooner perform. Songs such as "Georgia on My Mind", "Stardust" and "On the Road Again" are mega-hits, and his last two albums, *Somewhere Over the Rainbow* and *Greatest Hits* both went platinum.

Nelson, who is as comfortable on a Las Vegas stage as he is playing in a honky-tonk bar in Houston, will be in town for one show January 13, at 8 p.m. in the Sports Arena. Tickets are \$12.50 and \$10.00 and available at all Arena outlets. For information call 224-4176.

vocalist has been linked to the devil and will try to dispel that rumor tonight. Good seats are still available. Call 224-4176 for details.

San Diego Symphony Orchestra's former Music Director, Peter Eros, will conduct the Orchestra in performances on Friday, Saturday and Sunday. The program includes Kodaly's *Dances of Marosszek*, Debussy's *La Mer* and Franck's *Symphony in d minor*. Tickets are available from the Center Box Office or Select-a-Seat. Call 236-6510.

An interesting line-up is scheduled for this week at the Spirit. Tomorrow night is C.J. Hutton Boat plus guests. On Friday *The Blasters* with Top Jimmy and the Rhythm Pigs plus *The Paladins*. And on Saturday *The Flames* with Jeff Jourd formerly of the Motels and Randall Marsh formerly with Tom Petty plus *The Magnets*. For information call 276-3993.

Master organist, Stephen Hamilton, will present a virtuoso organ recital as the third concert of the Sacred Music Series of the La Jolla Presbyterian Church on Sunday at 4 p.m. The public is welcome and there is no charge. For details call 454-1605.

Some good old fashioned blues will be dished out when B.B. King plays at Mandeville on January 18. Watch for more details next week in *The Guardian*.

The madman of rock and roll, Ozzy Osbourne, will be at the Sports Arena tonight for an evening of loud music. The former *Black Sabbath*

Billed as an "alternative please turn to page 16

<h2 style="text-align: center;">OASIS</h2> <p style="text-align: center;"><b>Individual and Small Class Programs to Help You Develop Essential Learning Skills</b></p>			<p><b>READING AND STUDY SKILLS CENTER</b> 452-2284</p> <p><b>OASIS SECOND STORY</b> USB 4010</p> <p>Mon.-Fri. 8 a.m.-4:30 p.m.</p>	<p><b>THE B.C. (BEFORE CALCULUS) PROGRAM</b> 452-3760</p> <p>Small study groups and individual appointments are available for help with basic arithmetic, algebra, and trigonometry. If you are currently enrolled in a pre-calculus course, or just want to get yourself ready for calculus, this program is for you.</p> <p>Math 4C Clinic Mon.-Thur. 3 p.m.-4:30 p.m. at the STUDENT CENTER BLDG. "B" SOUTH CONFERENCE ROOM</p> <p>Math 4B Clinic Mon.-Thur. 1 p.m.-2 p.m. at the THIRD PLACE</p> <p>Math 1A Clinic Mon.-Thur. 9 a.m.-10 a.m. at the STUDENT CENTER BLDG. "B" SOUTH CONFERENCE ROOM</p>	<p><b>WRITING CENTER</b> 452-2284</p> <p><b>OASIS SECOND STORY</b> USB 4070</p> <p>One-to-one writing conferences available for all students by appointment. Call 452-2284.</p> <p><b>WRITING PROGRAMS</b> Sessions begin the second week of the quarter.</p> <p><b>WRITING ADJUNCT</b> For students enrolled in regular freshman writing programs. One hour group meeting for individual conference.</p> <p><b>UPPER DIVISION ADJUNCT</b> For transfer students, focus on short term papers, research methods, composition, and organization.</p>
<p><b>ACADEMIC SUCCESS PROGRAM (ASP)</b> 452-3760</p> <p><b>STUDENT CENTER BUILDING B</b></p> <p>Individual assistance for Educational Opportunity Program (EOP) and Student Affirmative Action (SAA) freshmen. Professional and peer counselors assist during your first year with academic, personal, financial, and social problems. Referrals are available to other OASIS services, also.</p>	<p><b>TUTORIAL PROGRAM</b> 452-2280</p> <p><b>OASIS UNDERGROUND</b> HL 1254</p> <p><b>OPENS MONDAY JANUARY 11</b> FREE tutoring in mathematics, physics, biology, chemistry, economics, statistics and political science.</p> <p>Drop in for help: Mon.-Thur. 10 a.m.-8 p.m. Friday 10 a.m.-1 p.m. Sunday 5 p.m.-8 p.m.</p> <p>NO APPOINTMENT NECESSARY</p>	<p><b>THIRD PLACE</b> 452-3284</p> <p><b>THIRD COLLEGE DINING COMMONS</b> 102</p> <p>OASIS branches out to Third College. We offer:</p> <p>Professional and Peer Counseling Daily 8:30 a.m.-4:00 p.m.</p> <p>Tutoring in most lower division classes. Mon.-Thur. 2 p.m.-9 p.m.</p> <p>Schedules will be available the second week of classes at Third Place.</p>	<p><b>PAL CONFERENCES</b> You can schedule a one-to-one Personal Assistance for Learning (PAL) conference with a learning specialist. Topics can include anything from goal setting to classroom performance.</p> <p><b>STUDY SKILLS WORKSHOPS</b> Thursdays 1 p.m.-2:30 p.m.</p> <p>Time Management: 1/14 1 p.m.-2:30 p.m. Textbook Reading for Recall: 1/21 1 p.m.-2:30 p.m.</p> <p>Mid-term Prep &amp; Test Strategies: 1/28 1 p.m.-2:30 p.m.</p> <p>Textbook Reading for Recall: 2/4 1 p.m.-2:30 p.m.</p> <p>How to Concentrate at Will: 2/11 1 p.m.-2:30 p.m.</p> <p>Develop Total Memory Control: 2/18 1 p.m.-2:30 p.m.</p> <p>Final Prep &amp; Test Strategies: 3/4 1 p.m.-2:30 p.m.</p>	<p><b>ASSIGNMENT BRAINSTORM</b> For Revelle students enrolled in Humanities 11 &amp; 12. Preparation for writing your particular assignments.</p> <p><b>ESL</b> Writing English as a Second Language. Small group classes arranged as needed.</p>	
<p><b>BE A TUTOR</b> Juniors and seniors with a 3.00 GPA who have completed lower division mathematics requirements are eligible to become tutors. New tutors enroll in TEP 196 for 4 units.</p> <p>Drop by our office, Mon-Fri 8:30 a.m.-4:30 p.m., or call for an appointment.</p>			<p><b>MINI-COURSES</b> Short courses to improve reading skills.</p> <p>Reading &amp; Reasoning Power I: increased comprehension &amp; recall Mon. &amp; Wed. 9 a.m.-9:50 a.m. 1/11-1/27</p> <p>Reading &amp; Reasoning Power II: critical reading for tests &amp; papers. Mon. &amp; Wed. 9 a.m.-9:50 a.m. 2/8-2/24</p>	<p><b>GRAMMAR MOSES HOTLINE</b> 452-2284</p> <p>Phone-in service for help with diction, grammar and punctuation problems. 8:30 a.m.-4 p.m.</p>	
<p><b>ASSISTANCE IS AVAILABLE.</b> <b>OASIS Admin. 452-3760</b></p>					

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Akira Kurosawa is a leading candidate for the greatest living film director. —JACK KROLL, NEWSWEEK MAGAZINE

**Kagemusha**  
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*New Course*

## Women's Theatre Ensemble

Students in this course will look at films, examine advertising messages, read and discuss several plays by women on feminist issues. Students will then write small theatrical pieces based on the material examined. These pieces will culminate into a production in which all students will participate as actors, directors, stage managers, technicians. No theatrical experience necessary! See Drama Dept. for more information.

**Drama 134, Section 2**  
**Tues. & Thurs. 3 - 4:50 pm**  
**HL 3216**  
**Robyn Hunt, Instructor**



# U.C. 82



## The Legendary B.B. King

January 18, Monday, 7:30 & 10 p.m.  
Mandeville Auditorium  
Stu. \$7.50 & \$8.50. G.A. \$8.50 & \$9.50

Tickets at Ticketron & UCSD's Box Office

## Chamber Music Series

Juilliard String Quartet  
January 30, Saturday

Glinka String Quartet  
February 4, Thursday

Bartok Quartet  
March 4, Thursday

Beaux Arts Trio  
March 13, Saturday

Starr Danias in  
**Pavlova Celebration**  
January 21, Thursday, 8:00 p.m.

**Lar Lubovitch**  
Dance Company  
January 27, Wednesday, 8:00 p.m.

**Meredith Monk**  
February 3, Wednesday, 8:00 p.m.

The Intimate  
**P.D.Q. Bach**  
February 25, Thursday, 8:00 p.m.

**Paul Taylor**  
Dance Company  
March 11 & 12, Thurs. & Fri., 8:00 p.m.

An evening with  
**Dr. Jonathan Miller**  
April 25, Sunday, 8:00 p.m.

Classical pianist  
**Misha Dichter**  
May 6, Thursday, 8:00 p.m.

UCSD University Events Box Office  
452-4559  
presented by UCSD's University Events Office



The Plimsouls will perform in concert at Vista High School on January 16 with Incognito and the Neat. Willie Nelson and Family will be at the Sports Arena on January 13 for one show only.

## Happenings around town

continued from page 15  
dance activity" the Dance Jam will be held again this Friday at the Interval Foundation downtown. The festivities start at 8 p.m. and run until midnight. A \$3 donation is asked and there are free refreshments. For further info call 239-1713.

Four major French films open a new "Evening Film Series" at the La Jolla Museum of Contemporary Art on Friday at 11 a.m. This luncheon lecture is offered in conjunction with the Museum's current exhibition "New Work on Paper" which Elderfield directed. For reservations call 454-3541.

The Photography Gallery in La Jolla will present a unique color exhibit starting Saturday. *New Colors - New Visions* explores the innovative work of contemporary artists Joel Sternfeld, Olivia Parker, John Phahl and more. The gallery is located at 7468 Girard Avenue.

### film

The Chinese Studies Program presents nine feature length films from the People's Republic of China on January 9, 10 and 11 in Mandeville. Admission is free for all films. They will be shown at 2, 6:30 and 8:30 p.m. each of the three days.  
The films are listed below in their order of screening. *Fifteen Strings of Cash*, *Early Spring*, *Regret for the Past*, *Hurricane*, *The In-Laws*, *Dr. Norman Bethune*, *Woman Basketball Player*, *The Serfs* and *Dream of the Red Chamber*. For more details call 452-4551.

Franco Zeffirelli's *Brother Sun, Sister Moon* will be shown on Saturday in USB 2722. Admission for the 7 p.m. screening is \$1.50. Sponsored by Intersarsity, the film depicts the life of St. Francis of Assisi from his origins as the son of a cloth seller to his founding of the Order of Franciscans in 13th Century Italy. Intersarsity is one of two major religious student organizations on campus.

### exhibits

The Mandeville Art Gallery will present *A Month of Sundays*, an exhibition of painted wood sculptures by John Buck starting Saturday and running through February 12.

There will be a lecture by the artist about his work on Friday at 2 p.m. in the North Conference Room which will be followed by a reception at 5 p.m. in the gallery. There is no admission charge.

Three exhibits will run through this month at the San Diego Public Library. *Printmaking: Tools and Techniques* prepared by local artist Joanne England Woo, *Color Photographs by Eve Segal* and *San Diego Authors of 1981* a display of books published by area writers.

John Elderfield, director of the Department of Drawings at the Museum of Modern Art in New York, will

## Clarinet concert

continued from page 15  
quarter tones, multiphonics, glissandi and other techniques developed by today's performing artists.

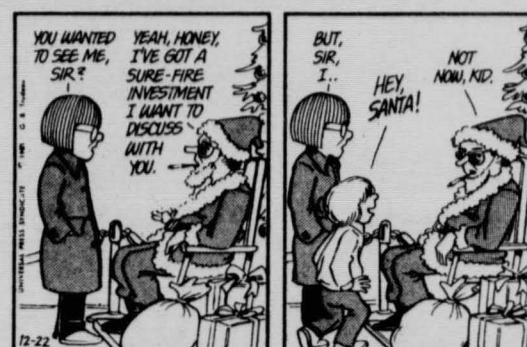
"The more these thoughts circulated in my mind, the clearer it became that the vast majority of those works which have survived to become established in the clarinet repertory all had something unique in common — all had been written with a specific performer in mind. This includes not only the works of Mozart, but those of von Weber, Brahms, Spohr, Debussy, Nielsen, Copland, Hindemith and many others as well."

Clarinetist Powell will be joined by UCSD faculty members Carol Plantamura, soprano; Janos Negyesy, violinist; Cecil Lytle, pianist; Thomas Nee, conductor; members of the La Jolla Civic/University Symphony; and special guest artists, the New York String Quartet in the program.

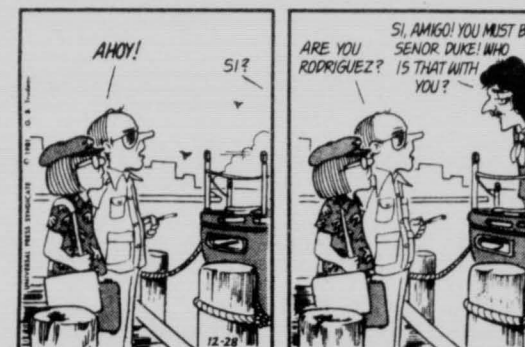
Tickets for this concert are \$1.50 for students and senior citizens and \$4.50 for general admission. For information call 452-3229.

## Writers wanted

If you are interested in writing movie, concert, art, dance or any kind of reviews or features stop by the Guardian office or call Andrew Keeler at 452-3468. No experience required.



# DOONESBURY



by G.B. Trudeau

## Services for Disabled Students

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## RUSSIAN LITERATURE AND DRAMA

Winter Quarter 1981  
Lit/General and Lit/Russian  
141  
TWENTIETH CENTURY  
RUSSIAN LITERATURE:  
CONTEMPORARY SOVIET  
LITERATURE

MWF 2:00-2:50 HSS 1305 —  
Course Code General 5547 Course  
Code Russian 5546

Instructor: Margaret Ziolkowski

In the early 1960's, Soviet literature underwent a renaissance, and formerly forbidden topics became the themes of controversial new works of fiction. With the renewed repression of the 1970's, many writers were driven into the ranks of the dissidents and eventually became exiles. This course will deal primarily with novels and short stories published in the Soviet Union and abroad that reflect the fresh perspectives characteristic of the best Soviet writers of the past two decades. Many of these works are remarkable for their frankness. Among the topics that will be discussed in class are the efforts of the so-called "village writers" to present an unvarnished view of life in the countryside, the social malaises that beset Soviet intellectuals, and the stultifying and sometimes comical effects of the bureaucracy on day-to-day existence. Some of the readings will include stories and novels by Vladimir Volynich, Yuri Trifonov, Viktor Nebrasov, Valentin Rasputin, and Vasili Shukshin. Course requirements: midterm and final exam, paper (8-10 pp.)

Lit/General and Lit/Russian 142  
GENRES IN RUSSIAN LITERATURE: SURVEY OF RUSSIAN DRAMA  
MWF 12:00-12:50 HL 1166 — Course Code General 5460 Course Code Russian 5461

Instructor: Margaret Ziolkowski

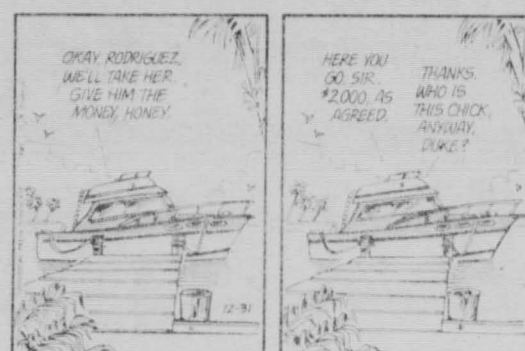
This course will trace some of the major trends in the development of Russian Drama from the late eighteenth century to the present. Throughout the course, close analysis of individual plays will be accompanied by discussion of the cultural milieu to which their authors belonged. Some of the masterpieces of comedy and tragedy that will be read include Boris Godunov (Pushkin), The Inspector General (Gogol), Three Sisters (Chekhov), The Lower Depths (Gorky), and The Bedbug (Mayakovsky). Course requirements: midterm and final exam, paper (8-10 pp.)







DOONESBURY



by G.B. Trudeau



The UCSD Guardian  
Tim Pickwell, Sports Editor

# Sports

Page 19  
January 4, 1982

## UCSD women capture National title

### Volleyball team wins Division III championship in Tennessee

**BY TIM PICKWELL**  
Sports Editor

In what was easily the biggest victory in the history of UCSD athletics, the women's volleyball squad defeated Juniata College of Pennsylvania, Dec. 19, to capture to 1981 NCAA Division III National Championships.

"This championship is what we've been aiming for since the program has been in existence," says Intercollegiate Athletic Director Judith Sweet.

The Tritons, 36-8, earned the title by defeating Smith College in the regional playoffs and traveling to Marysville, Tennessee for the Final Four Tournament.

The women rolled over Occidental College in four games, Dec. 18, to set up the title match with Juniata. The Pennsylvania college, 38-5, turned the final into a cat fight by tying the match with a fourth-game victory 17-15. But, then, recalls Coach Doug Dannevik, "We decided enough was enough." UCSD crushed Juniata 15-1 in the decisive fifth game. All-

American Tammy Smit led the team with 22 kills.

In a ceremony on the gym steps this Friday at 12:30 pm, the team will present their trophy to Chancellor Richard Atkinson.

Although the National Championship was their most visible triumph, the club collected enough laurels this season to crown an army: —they won the California Coast Athletic Conference with an 8-0 record. —finished first in one regular-season tournament, and second and third in two others. —had a 22-0 record against Division III schools. —beat Division I and II colleges 14 times while losing only eight. —were the number one seeded team in the National Tournament. —were the No. 1 ranked team in the nation 12

consecutive weeks, receiving every first-place vote.

—placed two players, Tammy Smit and Lulu Schwartz, on the All-America team.

—had three athletes, Smit, Schwartz and Molly Wheatley selected to the National All-Tournament team.

None of this really surprised Dannevik. "The first day of practice I knew we had enough talent to win the national championship," he remembers.

This young, seniorless squad captured one other prize which is harder to label than a National Championship: They captured the hearts of UCSD students and staff.

With infectious enthusiasm the star-studded squad focused the spirit of the campus. Their exciting play packed the home gym — an unknown phenomenon at UCSD — and the cheering fans caused more rucus than an intramural floor hockey game.

"It is a goal of mine," reveals Dannevik, "to develop the team into the most popular sport on campus."

He would seem to be on the right track. In his three years as coach, Dannevik, with help from intramural director Mike Hipp, has compiled a 73-33 record. In 1979 the team finished third in the regionals and fourth in the nationals. In 1980 the club dropped to 6th in

the regionals, but this year, of course, swept everything.

All 14 women on the squad were recruited by Dannevik, who sold them on the campus, the climate and the program. (Division III schools do not award athletic scholarships as opposed to Division I and II colleges which hand out full and partial scholarships.)

Now that the Tritons have captured the title once, Dannevik hopes to make it a habit.

please turn to page 23

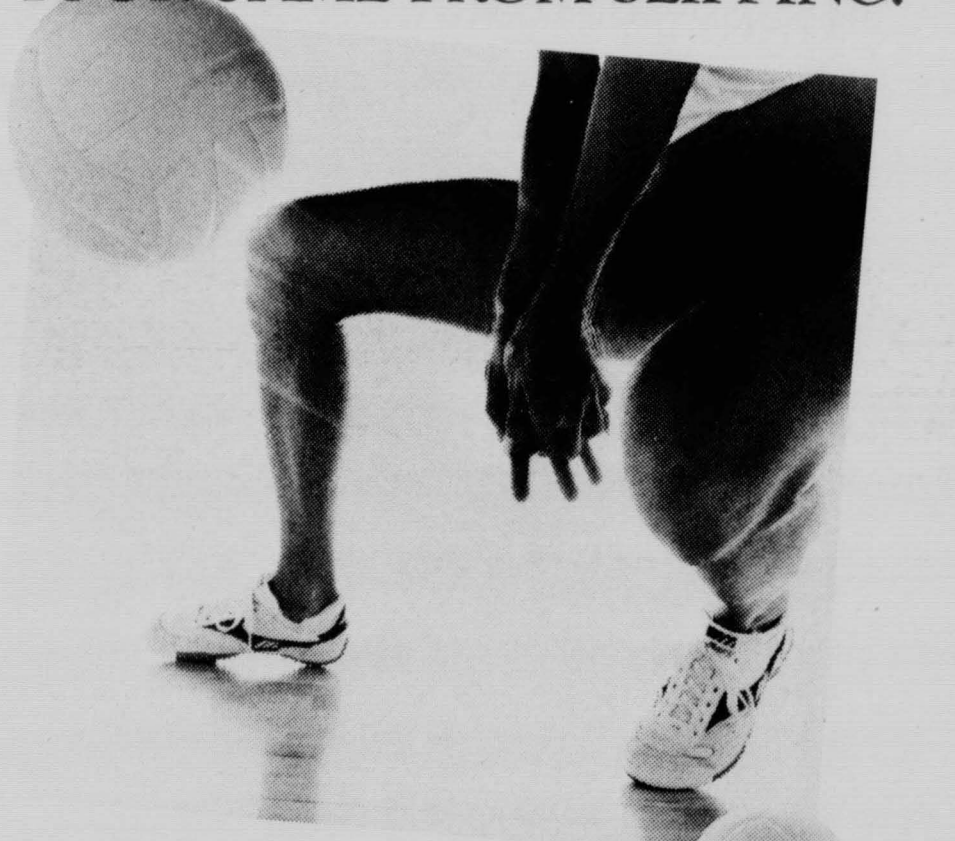
## NCAA seeks host

Marysville, Tennessee, site of the 1981 Division III volleyball tournament is not exactly a volleyball hotbed. Next year the NCAA plans to hold the championships at a more suitable spot — UCSD.

Triton Intercollegiate Athletic Director Judith Sweet and Volleyball Coach Doug Dannevik reveal that the NCAA has approached UCSD about hosting next year's tourney.

Sweet reports that she is definitely attempting to secure San Diego as the 1982 championship site. Dannevik sees the affair as not only a golden opportunity for his team to play in front of a partisan home crowd, but as a great boon for the entire intercollegiate department.

### MIZUNO'S NEW TACTIC TO KEEP YOUR GAME FROM SLIPPING.



**INTRODUCING THE BREAKER™ AND THE STING™**

This is the end of footloose volleyball. Mizuno has completely redesigned new shoes for men and women, especially for the American market. For a much better grip on your game.

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So slip into Mizuno's new Breaker or Sting. They're better shoes at a better price for a better relationship between you and the court. And just two of a long line of fine athletic footwear from Mizuno.

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What's slower than a speeding bullet, or the fall buildings at a second?

Thank God it's only a motion picture!

PARAMOUNT PICTURES PRESENTS A HOWARD W. KUCH PRODUCTION AIRPLANE!  
STARRING ROBERT HAYS & JULIE HAGERTY EXECUTIVE PRODUCERS JIM ABRAHAMSON DAVID ZUCKER JERRY ZUCKER  
PRODUCED BY JON DAVISON WRITTEN BY JIM ABRAHAMSON DAVID ZUCKER JERRY ZUCKER  
DIRECTED BY JIM ABRAHAMSON  
PG PARENTAL STRONG LANGUAGE

January 7th 8:30 & 10:15 pm  
Mandeville Auditorium  
Admission \$2.00  
Tickets available at the Box Office  
Sponsored by the Model UN

## DANCE!

Campus Recreation is pleased to announce a variety of Dance courses to be offered during the Winter Quarter:

- Ballet
- Ballroom Dance
- Bellydance
- International Folkdance
- Israeli Folkdance
- Jazz Dance
- Latin Dance

For Sign-ups and a complete schedule of all Recreation classes, stop by the Rec Gym Office or call x4037.

Campus Recreation  
Department of Physical Education

## UCSD BIKE SHOP

# AFTER CHRISTMAS SALE

All Bikes reduced. Some up to \$75.00 off!

Most parts and tools marked down. Save up to 40%!

See us soon for best selection.

We're located:  
In the Student Center (across from the Pub)

We're open:  
M - F 10 - 5  
Saturday 10 - 3

Call us at:  
452-4279

Attention! We will be closed Saturday, January 9, so that our entire crew can attend the International Cycle Expo '82. We'll return (informed) Monday, January 11.



## PARKING INFORMATION

Unless you feed a meter no matter where you park on campus you must have a parking permit. Student "S" permits are available from 9:00am to 3:00pm at the Central Cashier's Office, 401 Warren Campus. The cost of an "S" permit is \$36.00 and is good through June 30th, 1982.



STUDENT PERMITS ARE ONLY VALID IN YELLOW STRIPED SPACES.

If you have any questions about parking or are interested in joining a carpool or vanpool or getting information on San Diego or North County Transit, stop by the Parking & Transit Systems Office at 400 Warren Campus or give us a call on campus extension 4223 (452-4223).

## ON CAMPUS INTERVIEWS

The following organizations will be on campus Winter Quarter to interview students for employment opportunities. If you are graduating this year, please sign up now (January 11, 9:00am) for an interview

<b>January 18</b> Basic Four New York Life Union Bank	<b>January 26</b> First Jersey Securities Honeywell Corp. Sperry Univac	<b>February 4</b> Bolt, Beranek, Newman Logicon Pacific Telephone	<b>February 22</b> EDS First Interstate Bank U.S. Navy
<b>January 19</b> Airesearch Manuf. Basic Four Comptek Research Fairchild Mass. Inst. of Tech.	<b>January 27</b> Control Data IVAC Corp. Mission Research U.S. Marine Corps U.S. Navy	<b>February 5</b> Hughes Aircraft	<b>February 23</b> U.S. Navy
<b>January 20</b> Beckman Instruments Handyman Lloyds Bank Softech	<b>January 28</b> General Dynamics U.S. Navy	<b>February 8-12</b> Hewlett Packard for career jobs and summer internships	<b>February 23</b> U.S. Navy ESL, Inc. Martin Marietta
<b>January 21</b> McGeorge School of Law Systems Consultants Scientific Atlantic Teradyne Incorp.	<b>January 29</b> Burroughs Corp. NCR-Scripps Ranch	<b>February 16</b> Bechtel Power Linkabit Corp.	<b>February 24</b> Applied Micro Nat'l Semiconductor J.C. Schumacher
<b>January 22</b> Cubic Corp.	<b>February 1</b> The Broadway Verac, Inc.	<b>February 17</b> American Hospital New York Life Security Pacific Bank	<b>February 25</b> McDonnell Douglas Sperry Univac
<b>January 25</b> Data Systems Prudential Life Ins. U.S. Gypsum Co.	<b>February 2</b> Fairchild Semiconductor NCR-San Diego Solar Turbines	<b>February 18</b> American Hospital C.F. Braun & Co. Fair Isaac Co. Texas Instrument	<b>February 26</b> Sperry Univac NBI, Inc. NCR-Torrey Pines Pertec Computer
	<b>February 3</b> Fairchild Semiconductor Peace Corps Pacific Telephone	<b>February 19</b> Bechtel Power Lockheed	<b>March 1</b> Lockheed <b>March 2</b> GTE Sylvania

### On Campus Interviewing Orientation

Mandatory OCI Orientations for graduating students who plan to interview will be held in the Revelle College Formal Lounge on:

Monday	January 11	11am - 12pm
Tuesday	January 12	12 - 1pm
Wednesday	January 13	11am - 12pm
Thursday	January 14	12 - 1pm
Friday	January 15	11am - 12pm
Tuesday	January 19	12 - 1pm
Thursday	January 21	11am - 12pm
Monday	January 25	12 - 1pm
Wednesday	January 27	11am - 12pm
Friday	January 29	12 - 1pm

### Financial Aid Information — January 1982

From: The Director of Student Financial Services,  
Thomas M. Rutter

UCSD financial aid will be more difficult during the 1981-82 and 1982-83 academic years than it has been in previous years. I am issuing this information to inform students and staff of the complex and changing conditions. The following major factors are effecting financial aid:

- Inflation** — Individual student costs are rising at a rapid rate, adding \$600 to \$1000 per year to each student budget which requires \$2.8 million in additional funds each year to keep pace with inflation.
- Overenrollment** — UCSD overenrolled 700+ students for 1981-82 without receiving corresponding increase in financial aid funds for those students who were eligible for support.
- Funding Level** — The campus based Federal, State and University programs are funded at a level equal to prior years which fails to meet the increased costs.
- Pell (BEOG) Grant Cuts** — The Federal government reduced the Pell Grant for each student by approximately \$160 in 1981-82 which equals \$228,000 Pell Grant fund loss to UCSD students.
- Late Recruitment** — Successful efforts to recruit students to UCSD resulted in late applications and heavy demands on financial aid funds.
- Increased Fees** — The University increased its fees by \$75 per quarter, effective Winter 1982.
- New Regulations** — Recent new federal regulations limit eligibility for Guaranteed Student Loans to students from families with an adjusted gross income under \$30,000 or who are determined "needy" by the Student Financial Services Office review.
- Timing** — Program cuts, increased enrollment, rising student costs, and higher fees were all determined well after the 1981-82 award cycle was under way.
- Computer System Failure** — UCSD financial aid is processed at U.C. Berkeley on an outdated system which is extremely slow, inefficient, and unreliable. This system does not allow for timely processing or updating of awards or financial expenditures.
- Negative Fund Balances** — The negative carry forward from 1980-81 in the University student aid program reduced available funds for 1981-82. This negative carry forward was generated by major medical Health Insurance payments for UCSD students and a reduction in student Affirmative Action Grants from the University's systemwide administration.

**1981-82**  
During the 1981-82 year, it was necessary to increase the financial aid for fees by \$150 and reduce the financial aid cash payment by \$200 per student. Though this \$200 reduction equals less than \$25 per month over the 9 month academic year, it will have a definite impact on students who were struggling to get through the year on already limited funding and modest student budgets. In addition, there will be a \$25 one-time fee increase Spring quarter which will not be funded by the Student Financial Services Office; all students will have to pay this fee themselves.

The decision to reduce each student's award by \$200 rather than give zero support to the hundreds of students whose applications were on time, but were complete during the last month of the application period, was a difficult but equitable decision. This technique allowed this last group of students to share equally in the available funds. Because this situation was anticipated, students were informed of the possibility of award reductions when they applied for and received their financial aid for 1981-82.

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**QUALIFICATIONS:** Minimum BA/BS degree (summer graduates may inquire). Applicants must be no more than 29 years old and have vision correctable to 20/20. Relocation required. Applicants must pass aptitude and physical examinations and qualify for security clearance. U.S. citizenship required.

**BENEFITS:** Excellent package includes 30 days' earned annual vacation. Medical/dental/low cost life insurance coverage and other tax-free incentives. Dependents' benefits available. Promotion program included.

**PROCEDURE:** Send resumé to, or call: Naval Management Programs.

P.O. Box 85124, San Diego, CA 92138  
293-6691

## An intramural dynasty?

### Eldos: A team for all seasons

BY PHIL LAUDER

When one thinks of UCSD's most successful teams, one probably thinks of the intercollegiate men's water polo team, and of course the women's volleyball team, national champions at the small school level.

Yet there is another team on campus which is very successful at its game. The team plays water polo, and volleyball too, as well as football, basketball, tennis, and many other sports. Furthermore, with only one exception, this team wins at all of them.

This team will never contend for a national championship, however, because it plays on the intramural level. The team is "Eldo's Orchard Pumpinis," probably the single most dominant team on the intramural scene. Their record of success is as long and as interesting as their name.

Gil Bender, an economics major in his junior year, is perhaps most responsible for the two-year-old team's organization. Along with him, juniors Chris Ambrose, Bill Hauer, and Brian Lariviere, and sophomore Tim Freudenberger make up the core of a team whose unusual name stands out even among the bizarre names of intramural teams.

Here is how the name originated: As freshmen, Bender and his friends were

trying to come up with a name for the team they were forming. One suggestion was the name "Eldo's," the nickname given to one of their suitmates. Another was "Orchid Pumpinis," some strange creatures in a book one guy was reading. Another friend was eating linguini and suggested that as the team's name. To avoid any argument, Bender tactfully combined all three into "Eldo's Orchard Pumpinis."

"Our opponents always ask us what the hell our name means," comments Gil. "The truth is, we really don't."

What they and their opponents do know is that they're a good team. The team's goal was to compete in every intramural sport on campus. In two years they have done just that. Since first playing one-pitch softball, the team has competed in regular softball, tennis, football, water polo, bowling, basketball (both three-on-three and five-on-five), floor hockey, Hawaiian football, water polo, volleyball, and soccer. If any sport has been left out of this list, they've played that, too.

Not only do they play, they also win. "I'd say we make the playoffs 80 percent of the time," Bender estimated. "Our one problem is that we can't win the championships. We come close, though, very close." The team has been in and lost several semifinals. — They've reached the finals a

few times too, only to lose there. An especially bitter loss came in the five-on-five basketball finals in 1980. Bender explains: "One hour before the 2A final match, our center, Bill Hauer, was stricken with appendicitis and was taken to the hospital. There went our rebounding. We would have won it, too, but without the key rebounding we lost by seven."

"Eldo's" finally got their first team championship and broke their playoff jinx this past fall by winning the 2A tennis title. "We've won one title now, so we should start rolling."

"Eldo's" has won in all but one sport. "Our only flop came in our freshman year in water polo. We came in dead last in the single-A division, which means that we had the worst water polo team in the school. That's why we stopped playing that sport. But we were the best divers in the pool."

Even so, "Eldo's" has proved itself a winner in many sports. The team has done well in UCSD's two all-around competitions as well. Two years ago, the team entered the UCSD's Superstars event and set two individual records. Lariviere broke the six-year-old field goal record by kicking for 151 yards on five tries, and Bender broke the seven-year-old bowling record with a 205 mark in one game.

please turn to page 22



## Cagers lose opener

The Tritons spent the month of December on a rocky road trip winning three while losing seven. UCSD began the season with a 105-70 loss to powerful, Div. I school San Diego State. Triton guard Tom Wight led all scorers with 24 points.

In Colorado John Block's Cagers fared better, defeating Ft. Lewis 76-75 and Colorado 64-58 before falling to Colorado Mesa 88-83.

On Dec. 28 and 29 the Tritons lost to Western Washington State and Minnesota Duluth at the Stanislaus Tournament in Northern California.

Guards Wight, 22.7 average, and Bob Goodman, 16.4 average, led the team in scoring through the first seven games.

The Tritons open their home schedule Tuesday, 7:30 p.m., when they face the University of Redlands.

# SHUTTLE

- Departs at 6:30 a.m. Saturdays
- Sign up by noon Friday before trip
- UCSD students, faculty, staff, and families
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- Recreation Gym office, x4037
- \$15.00 per person

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(Second Floor of the Student Center)

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## American Drama on Film

**Drama 159 Comm/Cul 114**  
Lecture: Wednesdays, 3 - 5 pm  
Helene Keyssar, Instructor

Extensive examination of such major plays as: Our Town, A Raisin in the Sun, Who's Afraid of Virginia Woolf, The Petrified Forest, and Long Day's Journey Into Night which have been recorded on film. This course will enable students to trace the development of modern American drama as performed and captured on film. The course will enable them to deal with plays as both literature and performance, within a historical context of a constantly changing art form.

For more information, contact the Drama Department of Communications Program.

## Basketball heads IM sports

BY LARRY GOLDMAN  
Staff Writer

It is not only the first week of winter quarter but it is the week in which all intramural team captains are gathering their teams for this quarter's sports. Many teams spent much of the break practicing and planning strategy for the upcoming season.

This quarter intramurals is offering men's and women's floor hockey, men's, women's and coed basketball, men's, women's and coed soccer, one-pitch softball, Hawaiian football, and team bowling.

Winter quarter floor hockey is known for its late, after midnight games, in what the team captains refer to as the no-do-z league. Basketball is known for being rough, but is still the most popular winter IM sport. Soccer, the most popular outdoor sport is just hoping to make it through the quarter with good weather.

In the smaller sports, one-pitch softball acts as a tune-up for spring IM softball. Hawaiian football is still relatively unknown, and team Bowling (two women, two men) always promises a good time.

The team captain meetings are as follows: Wednesday, Jan. 6, women's floor hockey at 4 p.m. and men's floor hockey at 5 p.m.; Thursday, Jan. 7, women's basketball at 3 p.m., coed basketball at 4 p.m., and men's basketball at 5 p.m.; Monday, Jan. 11, women's soccer at 3 p.m., coed soccer at 4 p.m., and men's soccer at 5 p.m.; Tuesday, Jan. 12, one-pitch softball at 4 p.m., team bowling at 5 p.m., and Hawaiian football at 6 p.m.

Intramurals looks as if it will be very successful again this quarter. Other events coming up this winter are the ACUI competitions and the seventh annual UCSD Superstars All-Sports competition.

## Eldo's are intramural titans

continued from page 21

"Eldo's" finished near the top in that competition, and finished at the top in the 1980 Budweiser Super Sports competition. They represented UCSD in an intracity competition with San Diego's two other universities, finishing second behind perennial power SDSU. Obviously, "Eldo's Orchids Pumpinis" has some talented and versatile athletes.

That fact is the only reason for their success, too. Says Bender, "We never practice; we rely on natural ability alone. We might win more championships if we did practice, though." However, most of the team members are also good students who use sports as an outlet for studying, and time for practice is not abundant.

"Eldo's" opponents know they're tough. "We're not well liked, but we are respected." The IM department likes please turn to page 23



## Classifieds

### announcements

Tai Chi Class: Tai Chi Chuan is a relaxing, meditative exercise that will develop your flexibility and concentration. Monday & Wednesday from 12 to 1 beginning January 11. Call 274-2871 for information and campus location. (1/11)

Seniors & first yr grads who are Calif. res. & will attend a Calif. univ. are eligible to apply for the Calif. State Grad Fellowship. Apps are available in Student Fin. Aids Off. & OGSR. Deadline is 2/10/82. (1/7)

Juniors & seniors in business-related fields such as comp. sci., math, econ or pre-law may apply for State Farm Fellowships. Apps avail. from Rosalee in OGSR, 103 AC, 2nd Floor. Deadline is 2/28/82. (1/7)

### wanted

Editor seeks capable writer/researcher to collaborate on book comprised of thousands of extraordinary newspaper clippings (1890-1950) reflection attitudes, states, images of women. 459-1139. (1/11)

Childcare needed in my home, walking distance from UCSD. Tues. & Thurs. 2:15 - 5:15. 455-11630. (1/11)

### services

UNWANTED HAIR REMOVED PERMANENTLY near campus. La Jolla Village Professional Center, 8950 Villa La Jolla Drive, Suite 1160-C, call for Appt. 453-7040. (6/3)

Typing, fast, accurate, reasonable. Pick up and delivery available. 271-0383. (6/3)

TYPING - IBM - 2 experienced typists - editing/specializing in RUSH JOBS, 453-0656, 452-1588. (6/3)

### housing

Roommate wanted to share 3 bedroom condo near UTC. Male or Female, junior/senior or grad. student. Rent is \$210/month. Please call Alex after 7:00 453-8905. (1/11)

Female roommate wanted to share bedroom in deluxe La Jolla condo, 2 miles from campus. \$175/mo. Pool, jacuzzi, sauna, racketball, laundry area. Call 455-0337. (1/11)

Master bedroom with bathroom in 3 bd. Cardiff home. Ocean view, private entrance. \$200.00/month. Prefer non-smoking male. 753-8300 eves. 434-4561 days. (1/4)

## V'ball

continued from page 19

"We are starting a tradition now," he foresees, "of national championship caliber volleyball."

With so much returning talent - the entire team of eight freshmen, four sophomores and two juniors - the chances of staying on top are excellent.

"Next season is a long way away though," cautions Dannevik, "a lot can happen between now and then."

The coach plans to keep the team on its competitive toes.

## Eldo's is varied IM team

continued from page 22

them, though. Says Mike Hipp, head of UCSD's Intramural Sports program, "Teams like "Eldo's" that are successful, stay together, and keep the same name for a while are fun to have around. Their competitive spirit promotes UCSD's tradition of competing, and they give not only themselves but also our IM program good exposure."

### travel

CIEE Student Travel open M-F 9-4 in the Student Center. CIEE offers: Budget Flights, rail passes, tours, books, insurance, work and study programs, and much more. Call 452-0630. (6/3)

Israel \$499, London \$284, Tokyo \$435, Lima \$599. T.E.E., 511 N. La Cienega #216, L.A., CA 90048. (213) 854-0637 (11/23)

### personals

Er du norsk? Jeg ville helst finne noen som ville snakke norsk med meg... (1/7)

Young couple seek straight or bi female for permanent live-in. Reply ad effective, 990 Kline St., Suite 100, La Jolla, 92037. Include Phone & best time. (1/7)

Lost: Opal ring with diamond on the side. REWARD! Call Vickie at 481-0636. (1/7)

## Contraception research

continued from page 11  
the cycle that result in the uterus being unprepared to support conception.

According to Yen, there may be other therapeutic uses for this agonist. For example, since daily administration of the agonist completely abolishes the menstrual cycle, it is a potential treatment for premenstrual tension, endometriosis, hirsutism, and the excessive menstrual bleeding experienced by women who have blood disorders such as leukemia. Clinical testing of the agonist as a treatment for precocious puberty has also been recently reported by researchers in Boston, The Salk Institute, and the National Institutes of Health.

Paradoxically, low doses of native LRF can also cure infertility in women whose brains produce insufficient quantities of the hormone. The UCSD scientists have treated twelve such patients: all have begun ovulating and four pregnancies have resulted.

The LRF-agonist used in the UCSD study was synthesized and provided by Jean Rivier, Ph.D. and Wylie Vale, Ph.D., of The Salk Institute. The natural hormone was first isolated and its structure identified in pig brain by Andrew Schally, Ph.D. of New Orleans, shortly before Roger Guillemin, M.D., Ph.D., of the Salk Institute identified it in sheep brains.

Previous to the work

reported in *Science*, Yen's group showed that the same LRF-agonist could act as a potential contraceptive by inducing early regression of the corpus luteum when the agonist is given during the last half of the menstrual cycle. However, since many women have difficulty determining when they ovulate, this method was considered impractical for widespread use. Yen's team also found that daily administration of the agonist would shut down the menstrual cycle, except for

spotting. This method was considered less desirable because of the spotting and because the drug must be taken daily.

Yen is the chairman of the department of reproductive medicine at the UCSD School of Medicine. Sheehan and Casper were research fellows at UCSD when the research was conducted. Sheehan is now medical director of Planned Parenthood in San Diego County, and Casper is on the faculty of Dalhousie University in Nova Scotia.

## Space exploration

continued from page 11  
we are either the galaxy's first technological species, that interstellar travel is immensely impractical, if not impossible, or that the technological lifetime and/or the migratory lifetime of a species is always very short.

"Although interstellar travel is certainly far beyond our current technical means, there are enough plausible schemes that the impossibility of space travel seems on a par with earlier generations who might have concluded that flight itself, and especially manpowered flight, was impossible. Similarly, it seems that if a migratory species spreads beyond the kill radius of a supernova explosion, then its migratory life becomes unbounded. It would seem that our migratory life is unbounded, unless our society

is destroyed before the migration begins.

"The conclusions one draws depend on one's philosophical bias - perhaps we are doomed. If we are, then it means there is nobody out there, no one to talk to, no one to teach us how to survive the birth of technology. The success of life in our part of the universe may well depend on our ability to work together to solve our current problems and on our will to begin the great cosmic venture."

A special thanks to Reggie Williams and the New Indicator Collective for providing typesetting machine time. Our machines took a vacation even though we didn't.

## UCSD Women's Resource Center

First General Meetings:  
Friday, Jan. 8 2:30-4:00 pm  
Tuesday, Jan 12 6:00-7:30pm  
We're located in the Student Center next to the Food Coop.  
All students, faculty & staff welcome!

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It's not too late to apply for 1982/83.  
Application deadline: January 22, 1982

Information session: January 14 at 7 pm  
Lounge, International Center

Financial aid applicable. Special grants available for financially disadvantaged students.

Time is running out, so come and see your EAP counselor right away!

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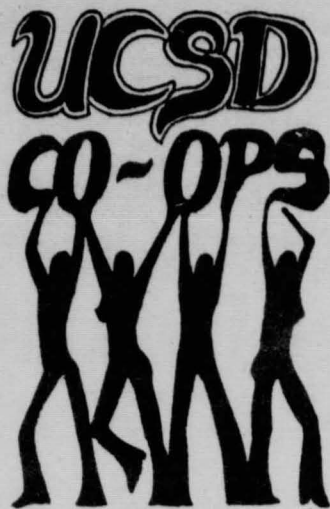
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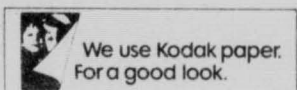
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