

Photos by Dave Peisner

**Now That  
Thanksgiving  
Is Over**

# The CALIFORNIA Tech

**All The Turkeys Are  
Back On Campus**

Volume LXXIV

Pasadena, California, Thursday, November 30, 1972

Number 10

## Dabney Lounge Chamber Music Opens Again

by Marc Donner

The problem of what to do this Sunday night has been solved. The Dabney Lounge Chamber Music Concerts will be opening its twenty-third session at 8:00 p.m. with a bang. This concert features music written for percussion instruments and piano. One piece requires preparation of the piano with belts and dimes! There are several other numbers that defy description and the performances promises to be outstanding.

In the past the Dabney Lounge Concerts were handled through an agent; but since this wasn't too satisfactory professor Paco Lagerstrom is now arranging them in person. He proposes to rejuvenate these concerts, which date from before the construction of Beckman and Ramo Auditoriums, and make them more interesting to Techers. To accomplish this, he is engaging good artists at low prices and keeping expenses at a minimum (no admission is charged, by the



A DARB ON THE MOON?

way). Thus, all the artists this year are associated with one or another of the many fine music schools in the area.

This concert draws three individuals from Cal Arts: David Johnson, percussion; Louie Goldstein, piano; and Stephen Mosko, tape. The "tape" surprised me the first time I heard about it, but I have been assured that it is not what it seems at first.

This concert marks the beginning of a new era in the series, but it will definitely be a novel and enjoyable experience.

## EQL & Sierra Club

### Energy Conference In Ramo

An all-day conference on campus Saturday, December 9, will bring together some of the nation's most influential and divergent viewpoints on the issue of energy demand and conservation. Entitled "Energy As A Scarce Resource," the conference is jointly sponsored by Caltech's Environmental Quality Laboratory, the Sierra Club, and the

### More Than 40 Participate In Art Fair

More than forty local artists participated in the Art and Crafts Fair sponsored by the Caltech Y November 18, selling wares ranging from oil paintings to clocks and macrame jewelry along the Olive Walk.

According to the Y, the purpose of the fair was "to stimulate public interest in the artistic works of Caltech and local artists and craftsmen." One Caltech student set up a booth, but was unsuccessful in selling anything. Total sales of all of the art objects was \$1079.

Barbara McCandless, a spokesman for the Y, noted that there was very little student-artist participation, probably due to the fact that the fair coincided with Interhouse and Parents' Day. The majority of buyers also were off-campus; many were visiting parents.

In addition to the individual exhibits, music, folk dancing and a magic show were provided by the Y.

## Some Frosh Mumble, But Interhouse Strikes

by Dennis Mallonee

Interhouse struck again in 1972, shocking all frosh and other new Techers with the rapidity with which preparations were made and the slowness with which the actual building took place. On numerous occasions frosh were even overheard mumbling to themselves.

The big day finally came. The

sky drew ominously dark as the hour approached. Last minute preparations went on past the last minute. Scores of Techers feared the evil atmosphere pervading the House of Darbs (though the sign said "Closed for Interhouse," we all knew what would happen later that night). And then... the rousing sound of cannon fire blasted over Lloyd House and into San Pasqual beyond, terrifying the Pasadena Street Crews who practice their trade by night. It was 8:00 p.m., and the festivities leading to the Interhouse dance began!

### Crazy Techers

Random Page Dudes grabbed various passers-by, and instructed them to begin at the northwest House and proceed clockwise, in the hopes that passers-by would miss the annual Fleming House play. (A dirty trick, but apparently not successful. Though less than a SRO crowd appeared at the first performance, *The Toad Monster That Devoured Page House* was jammed to overflowing during its second appearance.) That is the way we will proceed.

Page House featured "The Sewers of Paris." A real, live,

Continued on Page Two

Continued on Page Four

## News Briefs

### Sign Up For Totem

*Totem* sign-up sheets will be appearing in the student houses as soon as the editor—who has been feeling extremely laxy—gets around to it. If you would like to receive a copy of Caltech's literary-art magazine, please sign the lists. They are free for all ASCIT members, but you have to sign the little lists. It's still not too late to contribute, and submissions of poetry, drawings, short stories, photos, or what evers should still be directed to Phil Massey (Ruddock), Gesine Lohr (Dabney), or brought by Winnett and left in the California Tech office.

### Switchboard Jobs Open

The switchboard has a couple of job openings for students during the vacation between terms. This will involve working between 5:00 p.m. and 8:00 p.m. at night.

If interested please apply this week in 238 Page.

### Unconventional Ay Students Wanted

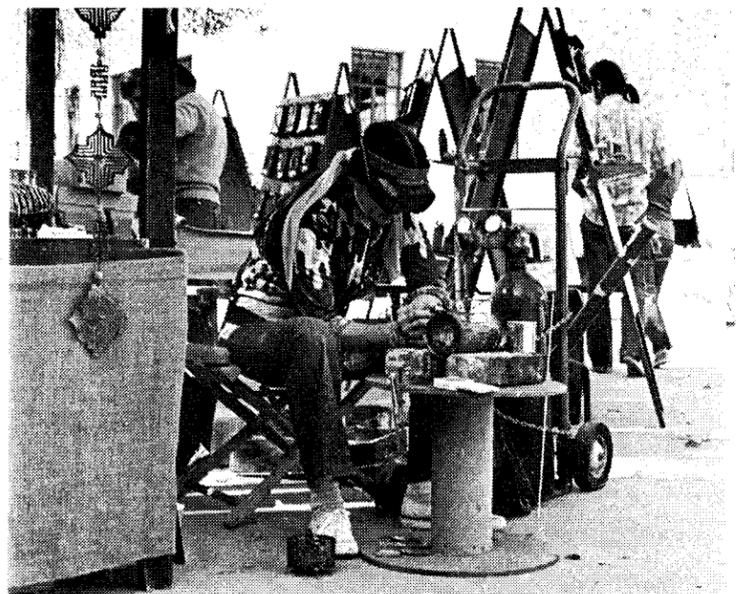
If enough students enroll there will be a section of Physics 93b on the subject of Unconventional Astronomy. The main subject of the course will be infrared astronomy, with some discussion of gamma- and X-ray astronomy. The course will be oriented toward the observational aspects with an emphasis on experimental techniques and current developments in the field. If you are interested, please sign up with G. Neugebauer (312 Downs) or his secretary, before the Christmas recess.

### Get a Job With Uncle Sam

Applications for summer employment with the federal government are now available in the Placement Office, Room 8 Dabney.

Continued on Page Four

## Art Show Doings



MASKED PERSON does weird, unmentionable thing to strange looking cylinder that reclines unsuspectingly. Photo by Dave Peisner

*Down The Tubes*

# Courses, Throop, Elevators

by Etaoin Schroedlu

Once again, after an *n*-week absence, your enervated *Tech* staff columnist presents you with the random happenings of Caltech.

It appears that biophysics at Tech is conserved. Ph 93b, under the direction of renegade physicist Dr. Zweig, will consider itself to be a course in biophysics next term, while Bi 129, the standard biophysics course, will be an 'Introduction to Biology for Physical Scientists,' taught by Edward Lipson and Nobel Laureate Max Delbruck. Dr. Delbruck has varied the material in Bi 129 before: in 1970 he offered, under that course number, a course studying topics in the history of science. Ph 93b will also offer a section on Unconventional Astronomy, covering infra-

red astronomy, as well as gamma- and X-ray astronomy, oriented toward observational aspects; interested persons should sign up with Dr. Neugebauer before the end of this term.

**Energetic Conferees**

Our own EQL will be hosting a conference on "Energy as a Scarce Resource" in Ramo Auditorium on December 9. Featured speakers will include Caltech professor Lester Lees and representatives of the U.S. Department of the Interior, the Sierra Club, and Southern California Edison. With standard concern for the schedules of undergraduate Techers, the powers-that-be have set this conference for the Saturday before finals; nevertheless, the topic is relevant and the conference should be a worthwhile experience. Contact EQL

for registration information.

**So They Tell Me Dept.**

Members of the Caltech community have a new pastime: watching the workmen demolish the west side of Throop Hall. I've heard of archaeologists taking less care than the workmen in removing the famous Throop arches; apparently the rumor that some unknown parties are in negotiation to buy them is true. It's good to see such an old landmark preserved...

The elevators in Millikan are getting to me: lately they have both been coming when I called. The other day both came when I was on the first floor, both went by me to the basement to pick up a person there, and then both came back. Surely somebody can devise an algorithm that works better than that.

## H. Thompson Announces In Winnett

by Peter W. Beckman

It was, admittedly, an unlikely place, but Hunter Thompson found it convenient to announce his candidacy for the United States Senate during a discussion in Winnett Lounge November 20.

The famed parajournalist had been invited by the Y to speak on 'How I Spent My Summer Vacation', but he contented himself with answering questions from an audience that had obviously read and enjoyed many of his works.

Topics ranged from his days with the Hells Angels ('There were one or two gang rapes at the party - nothing of any consequence.'). through his campaign for sheriff of Aspen County, Colorado ('After two weeks of steady pressure from citizens groups I agreed not to eat mescaline while on duty.'). to his coverage of the Presidential campaign ('I was standing in the cockpit with a joint in my hand.').

As political reporter for *Rolling Stone* Thompson covered the 1972 presidential race - mostly with McGovern since his coverage of Nixon in 1968 had not endeared him to the President. He said that the race was not really a true test of the 'New Politics' since McGovern's mistakes played an important part in the campaign.

Nixon's overwhelming election win also meant victory in his war with the press. He is now in a position where he no longer needs them and can conveniently ignore their criticism.

As for the future, Hunter Thompson was unsure. He predicted that the counterculture will disappear underground and the next four years will either be very dull or will lead to 'torches in the streets.'

not want to attend the luncheon will be admitted free to all other sessions of the conference as seats are available. Registered conference participants will have first priority, however.

## Conference

Continued from Page One

of the conference on "Keeping Demand Under Control." Other morning speakers will be David Fogarty, Vice President, Southern California Edison Company; and Lester Lees, Director, EQL.

The afternoon session will consist of five simultaneous workshops on electric power, fossil fuels, transportation, public policy, and economic aspects of energy crises. Among workshop panelists who will make presentations are Robert V. Phillips, manager of the Los Angeles Department of Water and Power; State Senator Alfred Alquist; Assemblyman Charles Warren; Dr. John R. Thomas, President, Chevron Research Company; Vernon Sturgeon, President of the California Public Utilities Commission; Dr. Eric Hirst, Oak Ridge National Laboratory; and three of the authors of the recent Rand Corporation reports on the energy crisis in California.

The registration fee for the conference is \$5 including lunch. Students and members of the Caltech staff and faculty who do

## GENTLEMEN!

### Adjust Your Bicycles

by Dan Reichel

Begin your adjusting with the seat. When your pedal is at its lowest point, the distance from the center of the pedal's axle to the top of the seat (measurement made with ruler parallel to seat tube) should be approximately 109% of your inside leg length. Measure your inside leg length by removing your shoes and measuring the distance from your crotch to the floor. Raise or lower your seat, accordingly.

Next adjust the saddle. Slide it forward or backward so that its foremost part is 2" to 2½" behind the crank axle. To measure this, hang a weighted string from the saddle's nose and measure the horizontal spacing between the crank center and the string, which should be as previously mentioned.

Next you should adjust your handlebars. They should be as high or higher than the seat top. An inch higher is common for touring; even with the top of the saddle is common for racing. Check the length of your handlebar extension. With your elbow

against the nose of the saddle, your second finger (the long one) should just reach to the outside diameter of the handlebars. If there is a minor discrepancy, adjust the horizontal position of the saddle; if there is a major discrepancy, consider buying a new handlebar stem (about \$6).

After riding for a few months, you may find these positions uncomfortable. This is because the formulas are mainly guides to help people adjust their bike when they don't know how it should feel (after riding for nine years, I find myself still relying largely on these guides).

**Riding Your Bicycle**

As far as rules are concerned, bicyclists are required by law to obey all traffic laws. In addition, one must have a light for night riding (it can easily save your life; of probably greater concern to you is that the PPD is issuing tickets for not having them). So, ride on the right, obey stop signs and traffic lights, keep a close watch on the cars coming from behind, and wear a light at night.

Continued on Page Seven

## THE ASCIT FRIDAY NIGHT MOVIE A FINE MADNESS

Starring: Sean Connery, Joanne Woodward, Jean Seberg, Patrick O'Neal, Colleen Dewhurst, Clive Revill

### PLUS FRACTURED FLICKERS

This Friday in Baxter Lecture Hall at 7:30 and 10:00 p.m.

Admission: 50¢—ASCIT members and their guests; \$1.00—anyone else

COMING NEXT:

## GENE WILDER COMEDY

## FRANKLY SPEAKING

by Phil Frank



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# FORUM

## Is Smith Ramp Relocatable?

Dear Sir:

About a month ago I pointed out some criticisms about the plans for improvements in the campus around the Winnett Center and San Pasqual Street. In particular, I objected to the plan to disallow students to drive up to the Student Houses on the Olive Walk. I am happy to report the plans have been modified to maintain access to the Olive Walk. The David R. Smith Memorial Ramp will be relocated on "old-dorm drive" and students will be able to drive onto the Olive Walk. (Complete correspondence concerning and a description of the modifications are available in Page House).

The Office of the Campus Architect, and especially Mr. Dave Browne (an ex-Techer from Ricketts) has handled this matter in an expeditious manner. They ask, only, that the students no longer drive across the Atheneum lawn, and instead make use of the access to the Olive Walk that is provided and which will continue to be provided. In light of the way they have resolved the problem of access to the Olive Walk, they deserve consideration in the latter matter.

—Dana Powers

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[Ed. Note—Move the ramp?! Surely you jest, sir.]

## The CALIFORNIA Tech

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**Caltech Y**

# Last Chance Before Finals Week!

by Etaoin Schroedlu

The Caltech Y will be offering several activities next week, in order to beat the Finals Week rush. On Monday, Paul Kittlaus, a crusader against corporations producing war materials for use in Viet Nam, will present the "Normic Slides", which present information on some of America's more horrifying arsenal of weapons, and show some of their effects. These are the slides mentioned by William Sloane Coffin in his Winnett Lounge talk of a few weeks ago. The presentation will be at 7:30 in

Winnett Lounge.

**Info and Art**

Painter and sculptor Robert Irwin will discuss "The Structure of Modern Art" in Winnett Lounge next Wednesday at 4:00 p.m. Irwin, whose works are in several of the more prestigious art musea in the country, will discuss the possibility that modern art has exceeded the informational bounds of our verbal culture, and that art may be replaced by some new activity fulfilling art's old goals of the pursuit and codification of creative activity.

Last but not least of next week's activities will be the Finals Decompression Chambers from 8:30 p.m. to 1:30 a.m. Friday, Saturday, and Sunday, the 8th thru 10th of December at the Health Center. Techers in need of help recovering from fits of snaking may come to the Health Center, where a faculty troll will be in attendance at all times.

There will also be an Olive Walk Concert tomorrow, featuring Kenny Croes.

COMING SOON



**Ramo Auditorium**

# Dr. Chen Speaks

by Etaoin Schroedlu

Dr. Pi-Chao Chen will speak tonight (Thursday) in Ramo Auditorium on "The People's Republic of China: Public Health and Population Planning at the Grass Roots." The talk—presented by EQL, Tech's Population Program, and the Faculty Committee on Programs—is free to all Techers and will start at 8:00 p.m.

Dr. Chen is an associate professor of political science at Wayne State University in Detroit and has studied at Princeton, the University of Michigan,

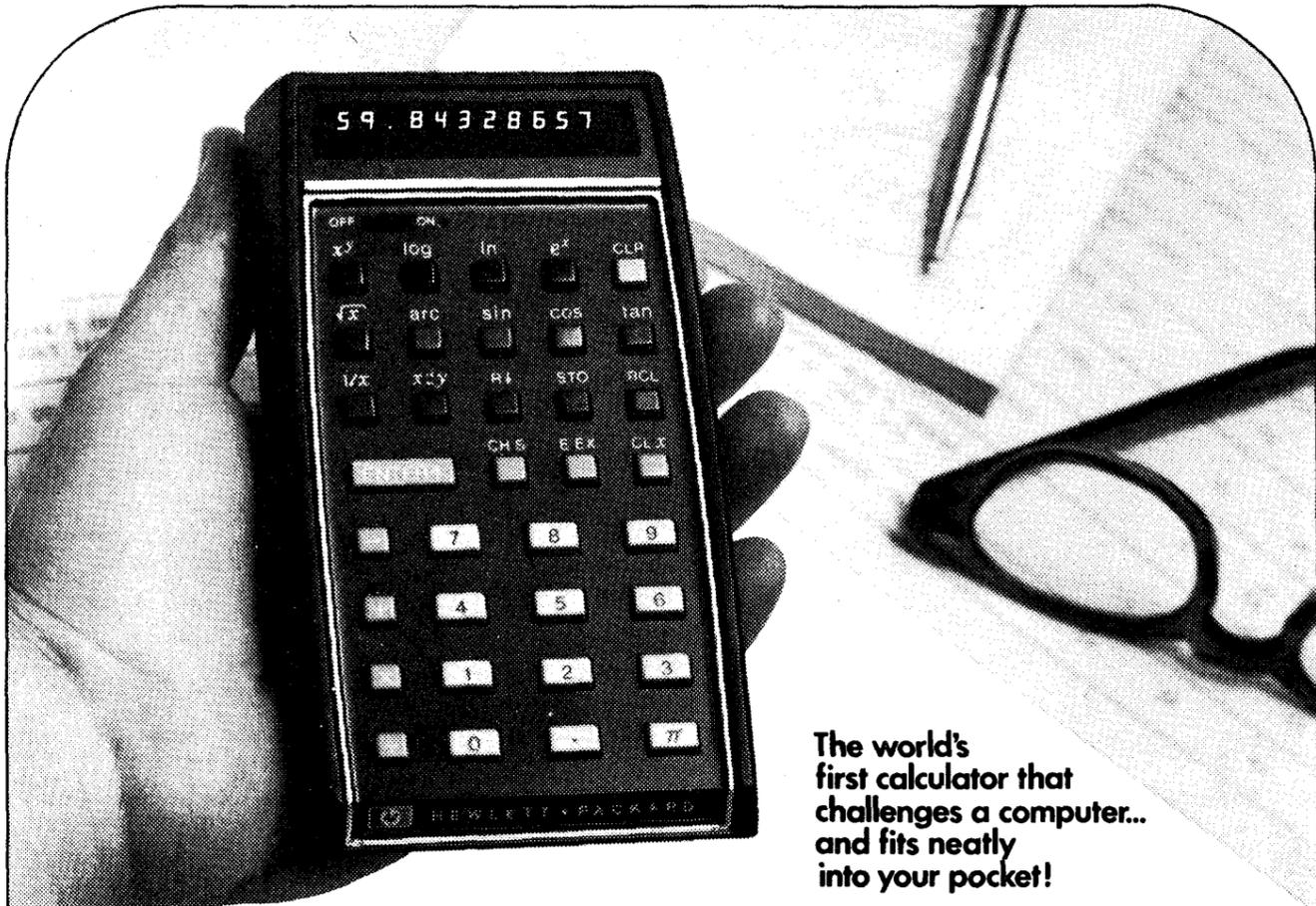
and Tunghai University in Taiwan.

**Trouble Parking?**

Dr. Chen recently spent five weeks touring Communist China. He visited Canton, Peking, and Shanghai, among other places, and studied communes, factories, hospitals, and schools in China. Dr. Chen's wife also accompanied him on the trip.

**Consult Dr. Rubin**

Mainland China, with its huge population and area, has had to adopt various social delivery systems very different from those in use in the West. China's "barefoot doctors," for instance, represent an effort to provide a low level of medical services to the entire population rather than high level service to a few only. Dr. Chen also studied this delivery system, which had attracted some notice in the West.



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### MED SCHOOL ADMISSION PROBLEMS?

**EuroMed  
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overseas training**

For the session starting Fall, 1973, the European Medical Students Placement Service, Inc. will assist qualified American students in gaining admission to recognized overseas medical schools.

And that's just the beginning.

Since the language barrier constitutes the preponderate difficulty in succeeding at a foreign school, the EuroMed program also includes an intensive 8-12 week medical and conversational language course, mandatory for all students. Five hours daily, the course is given in the country where the student will attend medical school.

In addition, the European Medical Students Placement Service provides students with an 8-12 week intensive cultural orientation course, with American students now studying medicine in that particular country serving as counselors.

Senior or graduate students currently enrolled in an American university are eligible to participate in the EuroMed program.

#### Group interviews & seminars

For application and further information, phone toll free, (800) 645-1234

**SAN FRANCISCO**—Wed., Dec. 6  
Sheraton Palace  
Market and New Montgomery  
Rose Room — 7 P.M.  
See Mr. Levine  
**LOS ANGELES**—Thurs., Dec. 7  
Holiday Inn, Downtown — 7 P.M.  
750 Garland Ave. at 8th St.  
See Mr. Levine

or write,  
**EUROPEAN MEDICAL**  
Students Placement Service, Inc.,  
3 McKinley Avenue,  
Albertson, N.Y. 11507.

## Interhouse

Continued from Page One

fake sewer led those unfortunate souls who entered from the Olive Walk to a real, live, fake Parisian bordello, where a happy pimp waited to ply his trade. Unfortunately, he lacked employees. Outside the bordello, there stood a French cafe, and "Le Marshmallow," with real, live, toasted marshmallows. Inside the cafe a real, live band played non-Parisian music designed to blast your eardrums.

Lloyd House surrendered its lounge and dining areas only, but provided what many seemed to think was the best show of the evening. Lloyd House was the place to go to enjoy the Interhouse *Dance*. The music and light show was an interesting contrast to the turkeys in the alleys who were afraid to go in.

*Alice in Wonderland*, that captivating children's tale, written by a deranged dope fiend, provided the theme for Ruddock's Interhouse display. As one entered a baffling maze that presided over the area Ruddock House used to occupy, one got the feeling that strange things were about to happen. There was Humpty Dumpty to amuse you, a chess game to look at, blind alleys to fall into, and a Cheshire cat to grin gayly at you, plus lots, lots more. All in all, a typical night with the Rudds.

Ricketts House had great hopes for its "Torture Chamber." They did a great job of it until a projector went on the blink, then it all seemed to tumble down an infinitely steep incline. While the displays lasted, there were many interesting tortures demonstrated, one of which was having to look at a scurvy *Tech* editor off and on during the entire tour.

Blacker House lived up to Hell with "Dante's Inferno," a very impressive display of intricate planning, display, and diversification. The only question remaining after a trip around the patio, through a tube reminiscent of the steam tunnels was: "Gee, that was swell. But what does it

## More News Briefs

Continued from Page One

Linda Ronstadt  
In Concert

Linda Ronstadt will be in concert in Beckman January 7th, 1973 at 8pm. Tickets will be \$2.50 for Techers, \$3.50 general public, and will, hopefully, go on sale during finals week.

On February 18th, Michael Nesmith and the Dillards will be at Beckman. Tickets for this will also be \$2.50 for Techers, and \$3.00 general.

These concerts are sponsored by ASCIT.

Your Swimming Team  
Wants To Join You

The 1973 swimming team held its first light workout on Monday afternoon. The season will be short this year, with ten meets scheduled before the con-

mean?"

Dabney House was "Closed for Interhouse," but the Darbs were in.

Lastly, the Flems gave one of their better performances of this or any year with its *Toad Monster* play and General H. S. T. Ierley's monologue, not to mention a couple of strange musical groups. The plot centered around Myron, a toad monster from M.I.T. who attempted to convert the entire C.I.T. campus to toadism. Fortunately, Myron (new president of Page House) was overcome in the end by the sounding of the Fleming House bell (of all the ridiculous endings I've ever seen . . .). Taking second spot to the play was the reconverted Fleming patio, flooded again and set with two dining tables. The Flems lack originality.

## Frosh Tasting

Frosh this year tasted Interhouse during what was supposed to be an off-year in the two-year cycle of good and bad. Is it possible for them to extrapolate to a good year?

It has often been said that memories will linger until they're forgotten. So it is with this year's Interhouse.

ference finals on March 2. Light workouts will be held daily through next Friday, with intensive practices starting January 2.

Coach Lawlor Reck predicts that the team can finish high in the league standings if most of Tech's swimmers come out for the team. The squad also lacks depth at the moment, so anyone interested in swimming, whether experienced or not, is urged to see coach Reck at the pool. The team is coed this year, giving any interested girls, experienced or not, a chance to show up their male chauvinist persecutors.

Coro Internships  
An Alternative

Coro Foundation is now accepting applications for 1973-74 Internships in Public Affairs. Each internship consists of major involvements in the areas of government, business, labor, politics, media and community organizations along with group and individual research. The program's emphasis is on direct experience to involve the Intern on all levels of his learning "self" and on variety to involve areas that Interns would otherwise never explore. An increasing number of scientists and engineers who desire a period of wide but intensive exposure and experience-based education are finding the program relevant. Coro believes that individuals with scientific and technical training have something special to offer the program and invites inquiries from Caltech students and staff. Information is available from the Placement Office or from Coro at 623-1234.

Hanukkah Party  
Sunday Night

Caltech Hillel is having a party to celebrate Hanukkah this Sunday evening at 6:30 in the penthouse patio of Keith Spaulding (Parkinson to you pre-Spaulding people). Featured will be a

semi-infinite quantity of *latkes* (potato pancakes) and other refreshments, candle lighting, *dreidel* contests, and a variety of additional fun. Afterwards, at its usual time of 7:30 in the same place, there will be Israeli folk dancing—an hour of instruction followed by two hours of free dancing.

Rensselaer Tech Offers  
Technical Writing Grants

Graduate assistantships, fellowships, and scholarships to qualified students are offered in Communication, Rhetoric, and Technical Writing at Rensselaer Polytechnic Institute in Troy, New York. Each assistantship provides a tuition grant of 12 credit hours per semester and a stipend ranging between \$2400 and \$3000. Graduate assistants in the programs are assigned to teaching or to special projects.

The Communication and Technical Writing program leads to a Master of Science degree. Each student receives individual programming in preparation for a career in industry, government, and the technical press as a professional writer, or for continuing graduate student in communication.

Inquiries about the assistantships, scholarships, and programs should be made to the Chairman, Department of Language and Literature, Rensselaer Polytechnic Institute, Troy, NY 12181.

Bio Tutorials  
For Techers

The list of Biology Tutorials (Bi 23) to be offered next term is now available in the Biology Office, 156 Church. The tutorials are staffed by Biology faculty, postdocs and grad students. They provide an opportunity for learning through personal contact in a small group situation and cover a broad range of subjects. Bi 23 may be taken for up to 6 units; grading is pass/fail.

Community Service  
Photo Contest

The activities and concerns of Pasadena's volunteer and community services will be the subject of a photography contest called *PIC 73*. Entries may be either black and white or color, and must be submitted by February 2, 1973. Winners will be announced March 2, with pictures exhibited at 541 E. Colorado from March 2-11. Top winners will be displayed later in Baxter.

Announcements with the official entry form, contest rules, and other information are posted in Winnett Lounge. Circulars are available from the Caltech Y and *PIC 73* headquarters, 54 N. Oakland Ave., Pasadena, 793-2191.

Festival of Light  
At Baxter

The Caltech Men's Glee Club, the Women's Glee Club, the Freshman Chorale, the Madrigal Singers, and the Chamber Singers will present a *Festival of Light* this Saturday. The program starts at 8 p.m. in Baxter Auditorium.

Turkeys  
Stupid?

As much as we enjoy Turkey on Thanksgiving, there is one fact we have to face: turkeys are dumb. A poultry expert at the University of California, Riverside, tells *Science Digest*, "I don't know of a domesticated animal with a lower I.Q. In fact, baby turkeys have to be taught to eat and drink." If left on its own, the turkey will eat and drink until it drowns, and whole flocks of gobblers may commit suicide through eagerness to follow one another blindly. One turkey rancher sums up the situation: "The turkey is beautiful to look at, fragile as an orchid, and stupid beyond belief." We may be doing them a favor by putting them on the table at Thanksgiving.

When in Pasadena, eat at Dabney's.

Unless you want some good food.

In which case you eat at

## ROMA GARDENS

BEER & WINE  
ITALIAN CUISINE

PIZZA SPAGHETTI RAVIOLI

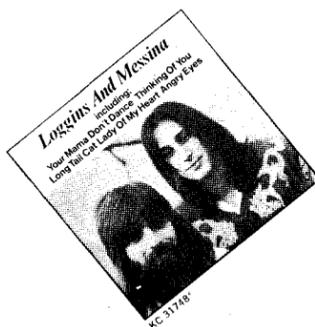
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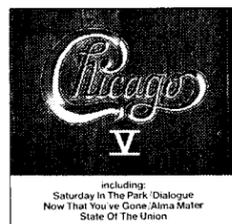
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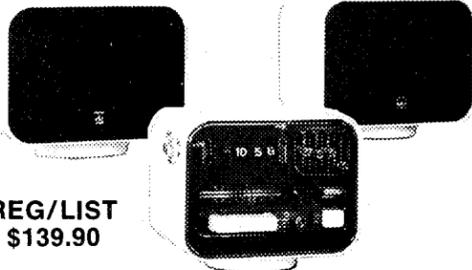
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# UNIVERSITY STEREO

## SILVER SCREENING

Man of La Mancha. United Artists. Starring Peter O'Toole, Sophia Loren, and James Coco. Running time: 130 minutes. Rated PG. ★★★½

The Man of La Mancha is Don Quixote, knight-errant, who practices chivalry in an age when chivalry is all but dead. His life is interwoven in this film with that of his creator, Miguel de Cervantes, a Spanish poet, playwright, and tax collector, who has angered the Inquisition and is in prison awaiting trial. When his fellow prisoners stage a mock trial, Cervantes offers the story of Don Quixote as his defense.

Peter O'Toole plays the triple role of Cervantes, Quixote, and Alonso Quijana (Quixote's real identity). His portrayal of Cervantes is magnificent. He transmits to the audience the strength of the man and his dream. However, his portrayal of Quixote leaves a lot to be desired. Quixote is a knight who attacks windmills, but who basically wishes "to add some measure of grace to the world." Here, the former is played up to the detriment of the latter. While director/producer Arthur Hiller may be responsible for that, the end result is a wooden Quixote. A sample: the singing of the production's powerful theme, "The Impossible Dream," is done with O'Toole in a puppet stance, his head slightly inclined, and his arms motionless at his side. Hardly an inspiring sight.

### Loren Too Delicate

As Aldonza, Quixote's Dolcinea, Sophia Loren turns in a fine acting performance. Her singing film debut fares not as well, however; her voice seems too delicate for the role. The result is adequate, but unspectacular. James Coco as Sancho Panza gives the best all-around performance, both as Cervantes' friend and Quixote's squire.

John Castle is powerful in his roles as the Duke, Cervantes' antagonist in prison, and of

Doctor Sanson Carrasco, Quijana's potential heir. He admirably portrays a man who considers Quixote an abomination. Gino Conforti recreates his Broadway role of the Barber, showing a genius of comedy not equaled elsewhere in the film.

### Camerawork Flawed

Technically the film was well done, with a prison designed to crush even the loftiest spirit. The camerawork reaches its extremes in the opening scenes. There is one beautiful shot as the camera leans out a second-story window; it is so starkly realistic that your heart may jump into your throat. To offset this piece of masterful work however, the camera jumps around so shoddily in the next few scenes that it is slightly nauseating. But once the film is under way the camera settles down.

Those who have seen the stage version of *Man of La Mancha* may be disappointed. In order to accommodate the cast, the musical aspect was weakened in favor of the story line, but doing so weakened the film. The play never insulted Quixote's dignity; in the film Quixote is sometimes played as a buffoon for the sake of a few laughs. The comedy exists in several situations, but it is milked far heavier that it should be—unfortunately.

Despite its faults, *Man of La Mancha* is well worth seeing. If you have not seen a stage performance, seeing the film is a must. The audience watching a Broadway performance has been described as "not just watching a play, . . . [but] having a religious experience." The film *Man of La Mancha* cannot reach these heights, but it does convey effectively the character and spirit that was—*is*—Cervantes.

—Gavin Claypool, Chris Harcourt

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# Bicycles

Continued from Page Two

This section is also concerned with proper riding position and technique. If you have a bicycle with "racing" handlebars (which have been shown to yield greater muscular efficiency and an arched back which helps the vertebrae to absorb road shock), you have a choice on where to play your hands on the bars. Under normal riding conditions, the hands should be on the upper part of the bars; for uphill riding or racing, they are usually placed at the front or on the bottom of the bars, so that the legs and back can exert greater force on the pedals.

Your pedaling rate will determine how tired you will get from riding. A good, slow pedaling rate to begin with is 60 RPM (you will probably find that you have been pedaling much slower than this, in which case now is not too late to learn how to pedal efficiently and correctly). Good touring cyclists will pedal at 70-80 RPM while a racer pedals at 90 RPM or greater (and can pedal as fast as 180-200 RPM for short sprints). If you find yourself pedaling too slow, switch to a lower gear — your gears are there in order to help you maintain a constant pedaling rate over all sorts of terrain and wind conditions.

### Protecting Your Bike

The best protection is to keep the bike locked and in your sight at all times while not riding it. Purchase a good lock with pin and tumbler and hardened shackle (\$5-\$10), and a good

case hardened steel (\$8) or case hardened alloy steel (\$11) chain, preferably in a six-foot length, although a four-foot length will usually suffice. DO NOT buy any chain shorter than four feet, or one of low price and therefore, low quality. Remember, twenty dollars for lock and chain is far less than the cost of a new bicycle. Good locks and chains are available at the above mentioned bike shops.

When locking your bike, make sure the chain goes through both wheels as well as the frame, and secures these to a structure such as a telephone pole, steel eyelet in the ground or in a building, a metal railing, etc. Also, put your bike in a place which is either behind locked doors and out of sight of thieves, or in a frequently traveled area where any thief would be seen busy at his handiwork. One poor place on campus (physicists, beware) is beneath the north stairway to Lauritsen. This area, although moderately open to view, is concealed enough to enable a thief to cut through inexpensive chains with a file or hacksaw, with people walking by infrequently enough to notice his actions.

Various alarm devices have been marketed but they are rather expensive and made quite poorly. A thief would very likely be happy in damaging your alarm device, so you at least would not get out of the attempt unscathed (a well placed heel can do quite a bit of damage to a \$25 plastic cased alarm).

Thus, the best thing to do is buy a good lock and chain (\$15-\$20), and keep the bike

## Election Coming

# Bylaws Changes

There will be a special ASCIT election Friday, December 8, to vote on proposed changes in the Bylaws. The changes will involve making the Director of Student Life chairman of the Executive Social Committee (Social Chairman is now chairman), and changing Social Chairman and Activities Chairman from elective to appointive offices. Accompanying Resolution changes will be passed by the BOD to complete these.

either in your sight, in well traveled areas, or behind locked doors and out of sight of others.

### Caltech Cycling Club

Two years ago an attempt was made to start a cycling club at Caltech. The main interest of the club would be to take short trips, to organize some "fun" races (coasting races, handicap races, and serious races if there is interest), to provide a book and magazine library, and to provide tools for bike maintenance, as well as instructions to those who wished to learn how to repair their bicycles. At that time, there seemed to be little interest in any organized bicycling activity. If any *Tech* readers are interested in reviving the Caltech Cycling Club, please leave a note for me in the R box in Lloyd. Also, if there is an interest in technical articles on bicycle repair and maintenance, please let me know. (Second in a series of articles on the care and feeding of bicycles.)

## UNITED FOUNDATIONS OF RADIO FRIENDSHIP

Meeting:

5:00 p.m.  
Clubroom #1 Winnett  
Friday, Dec. 1, 1972

To discuss plans, purposes, and particulars

see:

- Dave Drake - Ri
  - Bruce Reznick - Bl
  - Jim Price - Fl
  - Steve Kelem - Pa
  - Dale Collins - Ly
- for further details

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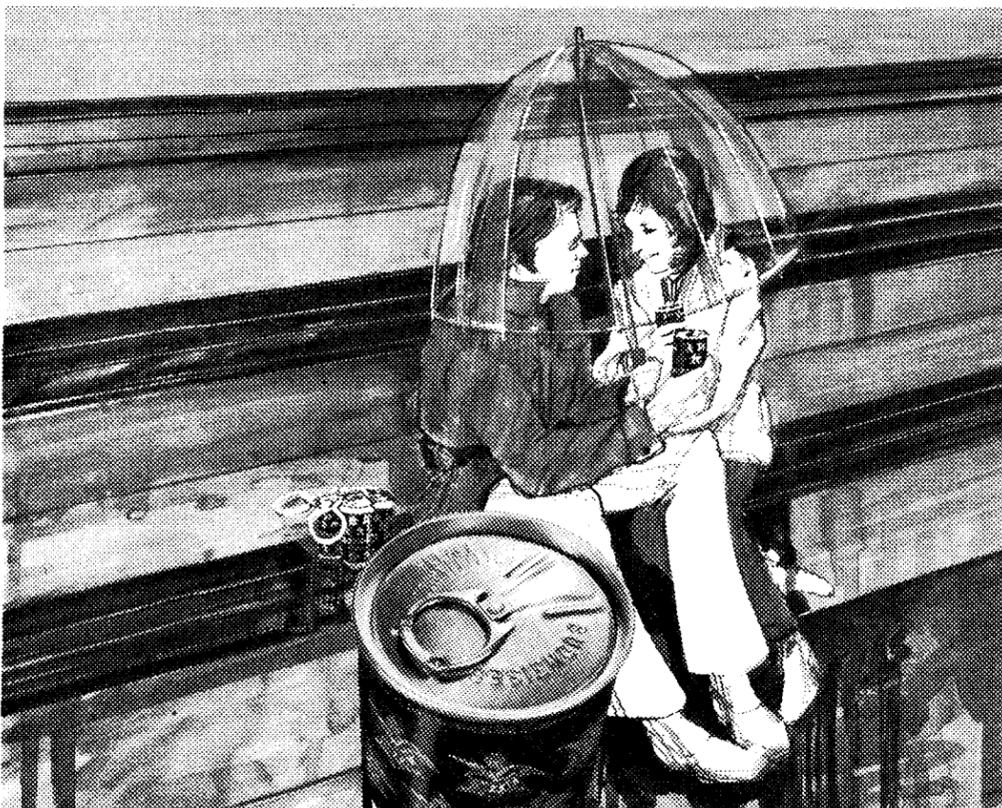
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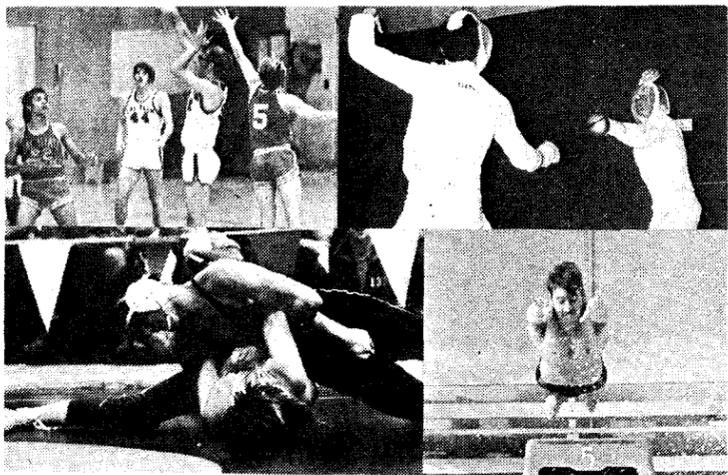
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**Sports**

**Water Polo Score Symbolic**

by I. M. Wett

The Caltech water polo team finished its 1972 season on November 18 with a 16-3 loss at Occidental. Combined with the previous Wednesday's 7-2 loss to Redlands, this gave the tankmen a 3-16 record for the year. SCIAC opponents voted Russ Desiderio to the All-Conference second team in recognition of his outstanding performances for the Tech tankmen.

The game against Redlands was closer than the score indicates, as Redlands was able to score only when a Techer's mental lapse gave them a momentary advantage. Unfortunately there were four such lapses in the first half, while Tech was able to get only one score, on a shot by Dave Clark.

The second half was similar to the first, as Redlands scored three more goals. Tech's final goal came in the last minute of the game, as Bob Kieckhefer scored after taking a perfect

cross-court pass from Jim Rowson.

**Dolphins Swim Faster**

The Oxy game was a rout from the start, with Oxy's faster swimmers rapidly tiring out the Techers. Oxy's fresh substitutes spent the second half of the game shooting every 30 seconds, giving Virgil Shields a busy workout in the goal. Russ Desiderio, Steve Bitondo, and Jim Jakway scored for Tech in the losing effort.

Although 1972 was a building year, the tankmen managed to win more contests than all other Caltech fall teams combined. Next year's team can look forward to a better season, when seven returning lettermen will give the tankmen more experience than they have had in many years. Jim Jakway will be the only graduating swimmer, and this year's frosh team included many men who will be capable substitutes for next year's starters.

**Snow In Kansas City**

**Griffin Goes To Nationals**

Running in the bitter cold of Kansas last Saturday, Greg Griffin experienced his first National Championship Cross Country race. Griffin, in a field of over 320 athletes, finished 295th at the NAIA Championships.

The Caltech sophomore, who placed high in the Conference and District races, gained valuable experience for his junior and senior years. The five-mile race was over a Kansas City golf course left wet and muddy by a week of rain and snow. The race was run under the threat of snow.

**Oxy Second**

Oxy finished second in the team championships with their runners all finishing in the top sixty. Conference and District Champion Joel Jameson from Oxy finished 14th.

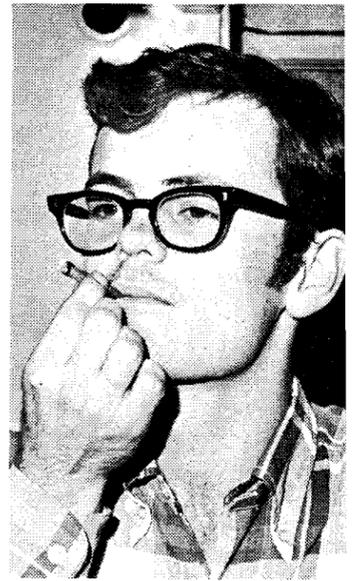
For Griffin it was his first experience in a field of runners this large. The course was not well selected for the number, as the turns and paths were not wide enough to handle the crowd. The pace was much faster than expected.

**California Freezes**

Coach Bert LaBrucherie praised Griffin's first experience in this type of competition and said that the opportunity will be important to Griffin next year. LaBrucherie added that "due to Greg's hard work for a long time, he ran far beyond preseason expectations and finished higher than one could have expected in the cold weather."

The National Meet concluded a very successful year for the Caltech team. Overall this was the best year for the harriers in over a decade. Griffin will now devote his efforts to the three-mile race during track season.

[The California Tech wishes to thank the anonymous author of the weekly cross country articles for his faithful and diligent reporting of the team's activities this year. Congratulatory telegrams may be sent care of 106-40 or 1-71. —R.M.K.]



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**Colde Olde Sports Menu**

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6:00 p.m.	Wrestling	Azusa Pacific & Biola	at Biola
6:30 p.m.	JV Basketball	LIFE College	Home
8:15 p.m.	Varsity Basketball	LIFE College	Home
<i>Tuesday, December 5</i>			
4:00 p.m.	Wrestling	LA Community College	Home
5:00 p.m.	Wrestling	La Verne	Home
6:30 p.m.	JV Basketball	LA Baptist	Away
8:15 p.m.	Varsity Basketball	LA Baptist	Away
<i>Wednesday, December 6</i>			
3:15 p.m.	Wrestling	Trade Tech	Home
4:15 p.m.	Wrestling	Cal State Northridge	Home
6:30 p.m.	JV Basketball	Cal Baptist	Home
8:15 p.m.	Varsity Basketball	Cal Baptist	Home

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