

You

THE CALIFORNIA TECH

Volume LXXVIII

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Pasadena, California

Friday, January 14, 1977

Eight Pages

Do Better

Comic Books Going?

Braun Family Donates Building

By Alan Silverstein

A new Caltech research lab, which is dedicated to the study of cell biology and chemistry, has recently entered the planning stages. A pledge of six million dollars [Heavens to Steve Austin!] from the Carl Braun family has taken the Braun Laboratories a step nearer to reality.

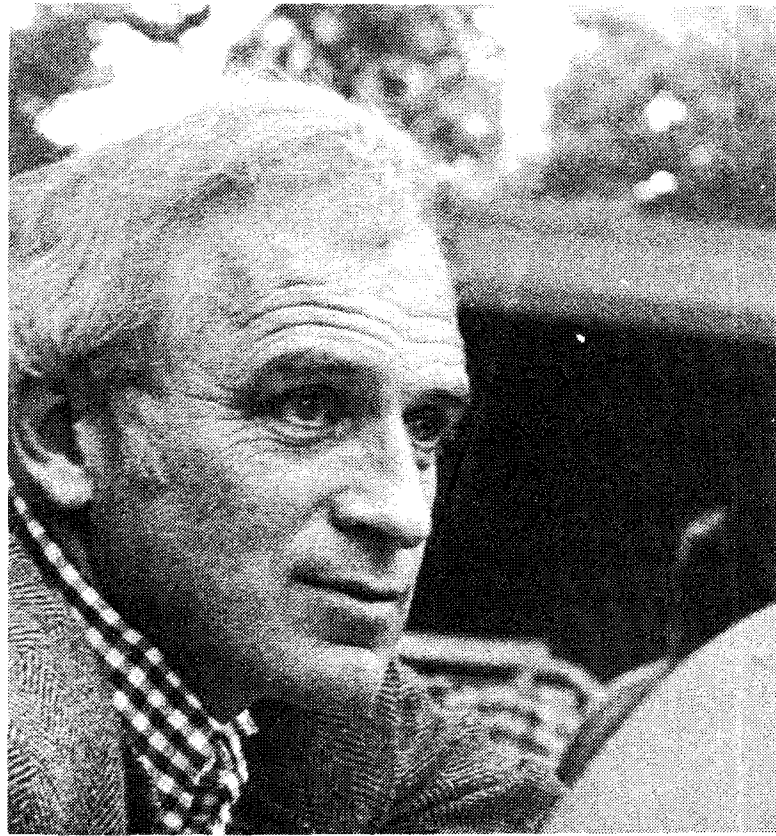
While major architectural and design decisions are yet to be made, it's now certain that the new building will go on the north side of San Pasqual, just east of Wilson—replacing the Coffee House and Public Relations. The required 18 months of construction won't begin until 1979, though. Hence, there'll be plenty of time for the existing facilities to relocate.

The Braun Labs will house about eight research groups in as many labs, and will probably have three floors above ground and two below. Around 100 scientists and support personnel will engage in cell surface work that can lead to better understanding of the causes of cancer, auto-immune disease and allergy, hormonal problems, and related cell disorders.

The total cost of constructing the new faculty and establishing its program of research will be about \$17.4 million. The balance not covered by the Braun family's gift will be sought from national agencies and other sources.

It is hoped that the new building will not only aid Caltech's ongoing research concerning genes, viruses, enzymes, cellular activity, and our immune systems, but also enable CIT to become a leader in research related to the detection and control of cancer.

The Carl Braun Trust Estate was established in 1955 and since then has assisted Caltech financially a number of times, in various ways.



New Associate Dean Jim Morgan

Photo-Al Kellner

Y Sponsors Lecture By Congressman Morris Udall

Congressman Morris Udall will be at Caltech on Monday, January 17, as part of the Caltech Y's "Leaders in America" program, which is designed to bring prominent national personalities to the campus.

Better known as the Democratic challenger to President-elect Jimmy Carter, Mo Udall was noted for having the strong support of the nation's college students. Until recently, he was the chairman of the House Committee on Technology Assessment, and should have tremendous insights into the future and role of science from a Washington perspective. He is also expected to have great input into the upcoming Carter administration.

The Caltech community will have the opportunity to meet Udall informally at an afternoon discussion from 2 to 4 p.m. in Winnett Lounge. At Beckman that evening, Congressman Udall will participate in an interview-format presentation to be conducted by Jess Marlow, the veteran NBC anchorman of the KNBC Newscenter 4. The program starts at 8 p.m., and a Caltech or JPL ID will give you access to the ground floor.

On a different note, for only \$25, you may ski at Mammoth Mountain from January 28th to 30th. This fee covers room, board, and transportation there and back (can't find a better deal). Sign-up begins on January 14 at the Y office and will be on a first-come-first-served basis, and is limited to 20. So HURRY!

Also on the 14th, you will be able to sign up for the January 21st LA Philharmonic Concert,

which features guest conductor James Levine and violinist Gidon Kremer. The program includes Quadrivium by Maderna, Violin Concerto No. 2 by Prokofieff, and Symphony No. 9 by Schubert.

These \$8 tickets will cost you only \$1.50 each, but there are only eight tickets. Free transportation will be provided.

Morgan Replaces Wales As New Associate Dean

A familiar face has returned to the Dean's office, the face of James Morgan, Professor of Environmental Engineering.

Morgan, who was Dean of Students from 1972 to 1975, is temporarily replacing David Wales as Associate Dean. "We are glad to have him back with us," said Ray Owen, current Dean of Students. "He was nice enough to come in when David left."

David Wales, Professor of Mathematics who was appointed Associate Dean of Students in April of last year, left on January 1 of this year for a six month sabbatical during which

he will be engaged in mathematical research in England at such institutions as Oxford.

James Morgan, who received his Ph.D. from Harvard in 1964, became an Academic Officer of the Environmental Engineering option upon its formation in 1971. He later became the Executive Officer in 1974, the position he currently holds. With the wholesale changes in top positions at Tech (Wales follows President Harold Brown in leaving us), some people have voiced the concern that Tech might

Continued on Page Three

Elections Deadline Near

The Tech is going to print the campaign statements of all those running for ASCIT offices. In order to make certain that your statement is printed, you must hand it in to the Tech office by 8:00 p.m. on Tuesday, January 18.

Candidates must print or type their statements [This is not necessary if you will permit the Tech typist to break your arm instead] on 8½x11 paper and limit them to 250 words (one page). The statement will run precisely as printed; no corrections in spelling, grammar, or style will be made.

The Tech will print the

statements in a special election section in the issue of January 21.

ASCIT Nominations are now open. The positions that are available are:

- President
- Vice-President
- Secretary
- Treasurer
- IHC Chairman
- Director of Academic Affairs
- Director of Social Affairs
- Directors-at-Large
- Activities Chairman
- BOC Secretary
- Tech Editor(s)

Also, nominations are open for the appointment of a Big T Editor who can meet deadlines.

The Week In Review

The Week in Review is a new column summarizing national and international news events of the past week. It will appear as a regular weekly feature.

Iran, the world's second largest oil producer, announced that they would decrease foreign aid drastically and switch to a barter system in import-export transactions. The move was taken because of massive losses in oil revenue due to Iran's 10.4% hike in oil prices.

The Supreme Court ruled that predominantly white, suburban neighborhoods may not be forced to change zoning laws to permit low-income housing unless intentional racial discrimination can be proven. The decision had been anticipated for several weeks.

Governor Jerry Brown proposed a 15.2 billion dollar state budget, the largest in the state's history. Brown's budget would add heavy new spending (about 900 million dollars) but would have a 500 million dollar surplus due to the state's tax system which automatically takes bigger

and bigger shares of Californian's incomes.

The U.S. coffee boycott started successfully, lowering the world price of coffee 10% in the first week.

Treasury Secretary designate W. Michael Blumenthal said in an interview Sunday that he regarded 4% or 5% unemployment as too high. He said that the best goal is zero unemployment. His statement is expected to draw heavy criticism from economic experts.

The Oakland Raiders won Super Bowl XI, beating the Minnesota Viking 32-14. This was the sixth time in seven tries this decade that an AFC team has won the title. The loss prompted Viking quarterback Fran Tarkenton to wonder "if an NFC team could win the Super Bowl even if it was playing Tampa Bay."

President-elect Jimmy Carter announced a two-year program of tax cuts totaling 23 to 32

billion dollars. Although the AFL-CIO expressed disapproval with the package, top Democratic leaders all proclaimed themselves happy. It was generally conceded that the program contains something for nearly everyone.

A team of geophysicists successfully predicted a 3.2 magnitude earthquake in Central California this week.

Governor Jerry Brown, in a bombshell statement, announced that he would veto any bill reinstating the death sentence in California. Friends and foes alike expressed initial amazement and then praised his "courage." The statement came in his State of the State address.

President-elect Jimmy Carter received suggestions for ways of keeping in touch with the public. Among those submitted, were suggestions that he make three minute phone calls to random people every Sunday, that he take telephoned questions from citizens on television, and that he eat at McDonalds.

A Friend in Need...

Thank You, Peter Lippman

The Tech wishes to extend their most grateful thanks to Mr. Peter Lippman, Caltech alumnus, of Compu-Set Typography and Publication Services, Pasadena, for the use of his company's typesetting equipment. Our composer broke down, and Mr. Lippman graciously offered us the use of his equipment.

Parry! Riposte!

The Letters to the Editors'

TQFR Changes

Too often, good work goes unnoticed amid the flood of complaining on college campuses. However, the job done on this year's TQFR (Teaching Quality Feedback Report) deserves notice. Last week, TQFR forms were mailed to every undergraduate at Tech for each of his classes. These forms will be mailed out every term, rather than once a year as was done before.

Educational Policies Committee director Bert Well put a tremendous amount of work into this project, and deserves recognition for his efforts. Even more than before, because of the work put into the TQFR this time, these forms deserve every student's attention. It only takes a few minutes to fill them out and it is well worth the time. Last year, there were at least two courses with nearly a hundred students that received hardly any evaluations and fewer than five comments. The comments section at the bottom of the form is an important part of the form, since some courses are hard to evaluate by numbers alone.

The TQFR renders a valuable service to the entire Caltech community. We commend Bert Wells for the job he has done, and hope that student response will be high enough to justify his work — and to justify doing it again.

—The Editorial Staff

"The Forgotten Prisoners"

"Open your newspapers any day of the week and you will find a report from somewhere in the world of someone being imprisoned, tortured or executed because his opinions or religion are unacceptable to his government.... The newspaper reader feels a sickening sense of impotence. Yet if these feelings of disgust all over the world could be united into common action, something effective could be done."

—Peter Benenson

Early in 1961, a British lawyer named Peter Benenson read in his morning paper of two students in Portugal who had been arrested in a restaurant and sentenced to seven years imprisonment for raising their glasses in a toast to freedom.

Indignant, Mr. Benenson's first reaction was to go to the Portugese Embassy in London and protest personally, but he realized that such an individual gesture would accomplish little for the students themselves.

Government repression of dissent was a problem that had long troubled Mr. Benenson. During the 1950s he had attended political trials in Hungary, Cyprus, South Africa, and Spain, either as a legal observer or defense counsel. He also had written and broadcast widely about the problem.

Now he began to wonder how oppressive regimes might react to concerted worldwide protests to acts of political injustice, rather than to the individual protest he had contemplated in the case of

Continued on Page Three

Letters to the Editor

After two years of student life in the Institute we are still stricken by the quality of the student life, which is reflected in many things: the absence of a strong and serious student government, the low quality of our newspaper, the misery of most of the rooms of the student houses, especially of the old ones, and the rare occurrence of challenging and interesting social events.

One does not need to go over and examine all these in detail the living conditions provide a good and characteristic example. They are perhaps the worst in the entire United States; in fact Caltech has become notorious for them. The old houses are old, but their age is not the reason for their misery. Other campuses have old dormitories too, but they are much more well preserved and taken care of, so that life in them is very comfortable. Any Caltech visitor, who ventures a visit in the houses, is astonished by their dirt, the odd old things hanging around and the appearance of the rooms. The sole fact that the rooms are cleaned once every two weeks in contrast with the rest of the Institute offices, is indicative to any stranger of the quality of our life. The alleys are very rarely painted, the rooms are never painted unless the students paint them themselves, there is no carpeting. One does not dare make a comparison with other nearby campuses such as UCLA where the rooms are cleaned daily and the houses have swimming pools and other superb facilities.

All these things are strikingly out of the ordinary. Searching for the causes one could easily blame the Institute's administration for the importance it places on its undergraduates. "The Institute does not care." We do not think this absolutely true. In fact about seven years ago, the Institute provided money for seven students to travel all over the United States and visit other campuses and write a report comparing their living conditions with ours. However their suggestions about the re-decoration and re-organization of the houses were never adopted. In our frequent discussions with the Master of Student Houses, who shows a true interest for the students, the problem of insufficient funds always arises. His budget is just not enough for what needs to be done. This is absolutely true, But how could this budget be increased if there is no sign from the students that they need and deserve such an increase? There is no such sign.

We tend to believe that this is due to the lack of an effective organization of the student body the apathetic attitude of ASCIT on such matters and to a general lack of interest, which can only partly be blamed on the academic pressure. Other esteemed universities such as Princeton have comparable problems, but the students there show much more interest for their life, their environment and their own personal growth. Unfortunately

here some of the students have developed a conformality [sic] and have simply learned to live the way they do.

Changes can not be brought by individual efforts. We think that the students should realize their situation and the importance their environment has in their intellectual and psychological development. ASCIT should organize and distribute a questionnaire to find out the attitudes of the students in this matter. If a need for a drastic change and amelioration is demonstrated there can be many ways out. If however the main cause of this situation is indifference then they will remain apathetic and silent. If one of the most intelligent student groups of the country chooses to live like rats in miserable holes, then they deserve what they get.

Dimitris Papantoniou
Costas Synolakis

The recent TQFR survey by the Educational Policies Committee professes to be an anonymous survey intended only for purposes of compiling data and soliciting the "honest" opinions of Caltech students about their classes. Each student was sent a letter containing a stack of computer printed survey forms. Each stack of forms was assigned to a student and a reference number with each form clearly labeled with the number. I feel that, if the EPC wants to conduct a fair and totally anonymous survey, they should not mark the forms so that they can (I'm not saying will) be traced back to the student. I can see no reason for them to label the forms in this way and it makes it a pain for those students who want to remain anonymous to tear off the corners of every form.

David Ritchie
(TQFR No. 753)

The Peanut Gallery

JIMMY CARTER
PLAINS, GEORGIA
DECEMBER 8, 1976

THE STUDENTS OF THE CALIFORNIA INSTITUTE OF TECHNOLOGY WISH TO CONGRATULATE YOU ON YOUR CHOICE FOR SECRETARY OF DEFENSE.

THE CALIFORNIA TECH

Dear Friends,

Thank you for your recent letter. Governor Carter deeply appreciates your expression of support and good wishes.

The success of the Carter Administration will depend in large part on the willingness of concerned people such as you to share their thoughts and feelings with us during the next four years.

We shall all do our best to deserve your confidence and support in the challenging years ahead.

Jack H. Watson, Jr.
Transition Coordinator

Private Camps Seek Employees

Several hundred private camps throughout the nation will once again be seeking college student summer employees in varied capacities at counselors, swimming instructors, music directors, and general activities such as maintenance, cooking, etc. Students with special talents in the area of entertainment or horse handling abilities should investigate these opportunities.

Once again it is emphasized that students desiring summer employment in the various recreational areas throughout the nation should apply early. Students interested in obtaining additional detailed information may request a free brochure by sending a self-addressed stamped envelope to Opportunity Research, Dept. SJO, Lock Box 4000, Kalispell, MT 59901.

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THE ASCIT FRIDAY NIGHT MOVIE

Waterhole No. 3

7:30 p.m. & 9:30 p.m.
in 153 Noyes

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

NEXT WEEK
Butch Cassidy and
the Sundance Kid



Photo-H. Marr

The other film series is entitled "International Women Film Makers," and will continue each Friday and Saturday evening at 8:00 p.m. through February 26. tonight's films: *Hustling* and *Wanda*, were performed and written by women, and they deal poignantly with such contemporary problems as prostitution and divorce. These films will also be shown in the museum's Leo S. Bing Theatre, which is located at 5905 Wilshire Boulevard. Student tickets are \$2.00. Call the Museum at 937-4520 for more information.

The Caltech gamers will present a scenario of alien space at 7:30 Saturday evening in Dabney Hall Lounge. Newcomers welcome.

ATTENTION ATTENTION ATTENTION ATTENTION ATTENTION

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Where Techers Start Early

The Child Development Center is not a conspicuous part of Caltech life, especially for undergrads. But for many grad students and faculty members, it is crucial. Grad women, faculty members, and working wives of the Caltech community find the Center to be an excellent alternative to other day-care centers because of its proximity and the assurance of first-rate child care.

The Center is located at the southwest corner of Chester and Del Mar inside a remodeled house. It provides services for children aged two through six for either half-day (morning) or full-day sessions.

"Our object is to stimulate and challenge the kids," remarks director Nancy Hunt. The Center carefully plans each activity and attempts to assist in some part of the child's development. For instance, many of the plants in the Center are labeled so that the children will learn their names. The kids can also learn about animals and their habitats, or engage in other education activities. Of course, the kids have plenty of time to just scamper around, or to play games. The staff is always looking for new ideas for activities, and they are open to suggestion.

For the staff, the day begins at 7:45 AM with the morning session. The children devote this part of the day to their special projects. They bring their own lunches, but the staff serves two snacks during the day, some of which the children help to fix for themselves. Rest time runs from 1:00 to 3:00, and afterwards the kids can go out to play in the yard, or perhaps go for a walk as a group. The day ends around 5:00 PM, when the children leave the Center to go home.

Continued on Next Page



The Development Center emphasizes quality child care. Each of the employees has been trained in child care, and they try to work in cooperation with the parents. The mothers and fathers meet with the staff at least once a month, and several parents volunteer to help with improvements. The Center is also a member of the Pasadena Consortium, which serves as a pool of ideas for programs for special children.

The Center maintains an affiliation with the Caltech Women's Club, but is financially independent. It receives no money other than tuition and special funds. The Women's Club will present three chamber music concerts which will begin January 28, and the proceeds will be donated to the Child Center. The staff currently entertains plans for the growth of the Center and the addition of a kindergarten next year.

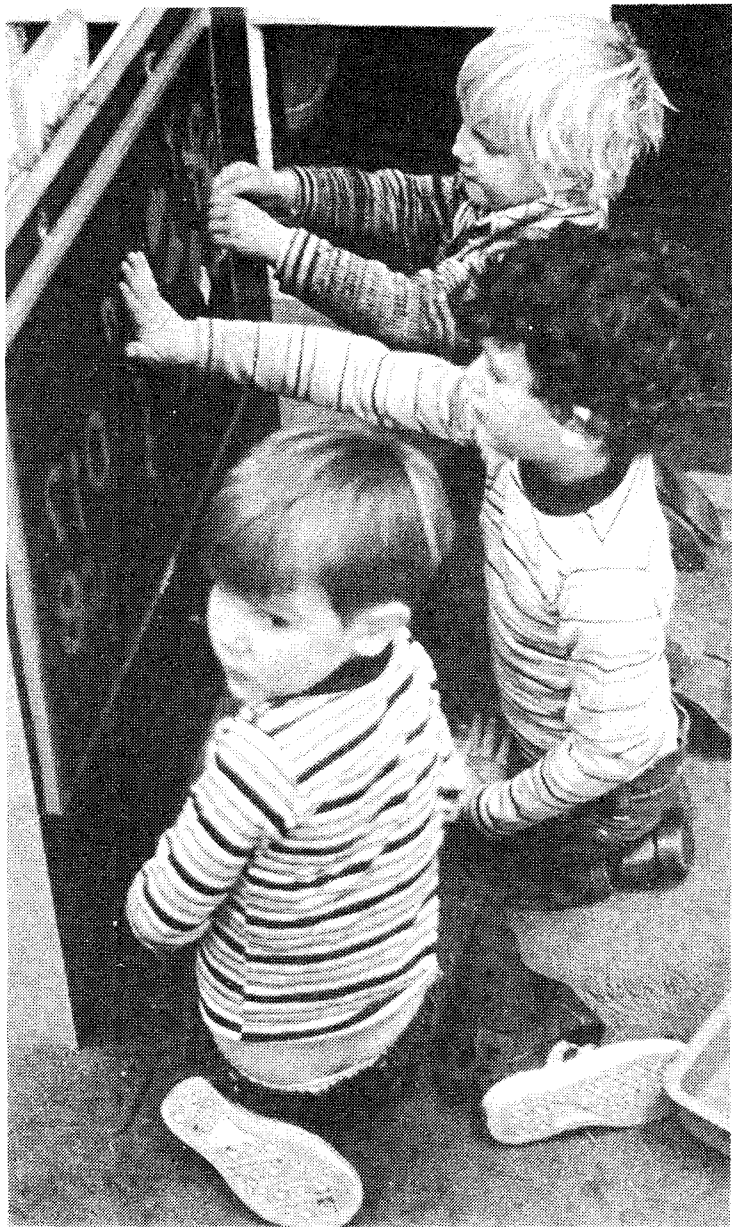
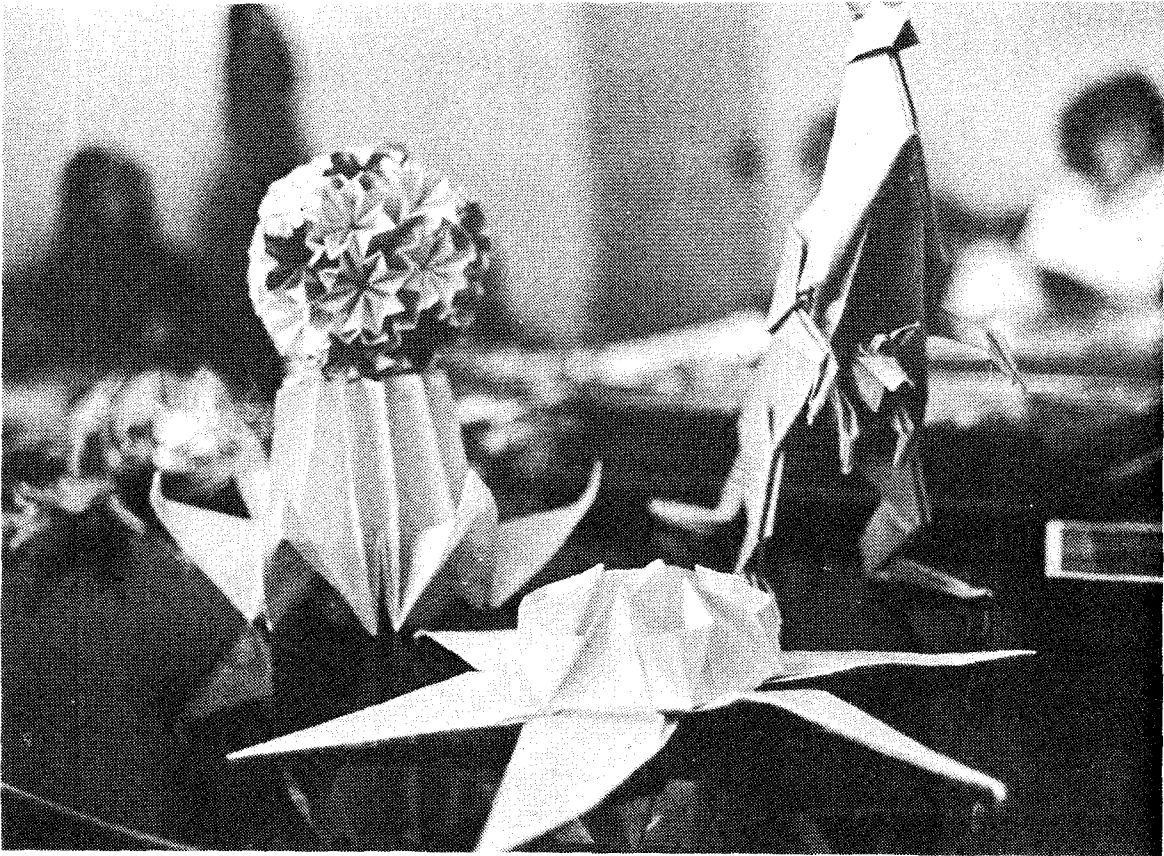


Photo-
Rich Feldman

the caltech y



Dr. John Nordquist (l) demonstrates blue book folding at a Y noon discussion: creations are shown above.

Photos-Dave Wheeler

Come to
Harold Brown's
Farewell Pizza Party
In the Quad,
Sunday Afternoon



Rudds use their head against Fleming but still lose 30-0. Photo-Dave Wheeler

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Area Colleges Present Plays, Music

Two contemporary one-act plays are currently being presented by the Claremont Colleges Four-Colleges Players through Sunday, January 16. Sam Shepard's "Red Cross" and David Trainer's "The Pig" are open free to the public each evening at 8:00 in Strut and Fret Theatre, Scripps College, Claremont.

Both plays deal with the suffering and vulnerability of

Americans. The playwrights have focused on a paralysis of personality and replacing innocence as a result of limitations imposed by the American way of life.

Call 1-714-626-8511 ext. 3045 for further details.

The New Hungarian Quartet, artists-in-residence at Oberlin Conservatory, will make their first appearance on the Coleman Chamber Concerts on Tuesday

evening, January 18, at 8:00 p.m., in Beckman Auditorium.

Formed only four years ago by Denes Koromzay, violist of the old Hungarian Quartet, the New Hungarian Quartet has quickly gained international attention through its successful concert tours and recordings.

Violist Koromzay is well known to Coleman audiences from his appearances with the Hungarian Quartet—as is first violinist Andor Toth, a veteran of the Amati Quartet and the Alma Trio. Bringing youthful virtuosity to the ensemble are second violinist Richard Young and cellist Andor Toth, Jr.

For their Coleman concert on January 18, the New Hungarian Quartet will perform Beethoven's Quartet in F major, Opus 18, No. 1; Bartok's Quartet No. 3 (1927); and the Brahms Quartet in C minor, Opus 51, No. 1.

Tickets are available at the Caltech Ticket Office, 332 South Michigan Avenue in Pasadena, and from all Ticketron, Mutual and Liberty agencies. For additional information, call 793-7043.

Alfons and Aloys Kontarsky, duo pianists, will perform at Ambassador Auditorium on Sunday, January 16, at 2:30 p.m. Their program will include Mozart's *Fugue in C Minor* and *Larghetto and Allegro in E flat Major* Brahms' *Sonata in f Minor*, and Reger's *Variations and Fugue on a theme by Beethoven*. For more information, call 577-5511.

Entertainment News Briefs

Motown/Universal Pictures is looking for extras for its production of the new movie *High School*. A member of their casting staff, Ms Pamela Cohen, will be on campus Friday, January 21, from 10:30 a.m. until 1:30 p.m. to interview "attractive high school types," both male and female. They will pay the minimum wage for the first eight hours and time and a half thereafter and provide lunch, but you must be willing to devote 10 to 12 hours for each scene in which you participate.

Choice scenes include a "food fight" (February 17), an assembly (February 25), and the prom (February 28 and March 1). The company will furnish prom tuxedos for the guys, but girls must bring their own formal.

The filming will take place at Pasadena High School and the Biltmore Hotel. For more information, please call (213) 985-4321, ext. 3176.

Summer Jobs

Summer job analyses indicate that the prospects for college student employment for the summer of 1977 look promising. National parks throughout the nation will once again staff their facilities with college student summertime help. Opportunities appear to be expanding into many support accommodations and facilities surrounding the park areas. State parks also indicate a high demand for temporary

summer employment by college students. Some national parks will hire as many as 3,000 college students for the summer period.

Errol Flynn and the Japanese Swordsman

Cinematech is showing two great swordplay films at 7:30 p.m. in Baxter Lecture Hall tomorrow night. The films are Kurosawa's *Sanjuro*, starring Toshiro Mifune (Japanese style swords), and *Captain Blood*, starring Errol Flynn (European style swords). ASCIT/GSC members, \$1.00; \$1.50 for everyone else. Series tickets, which give seven admissions for the price of six, are also available.

LA Master Chorale

The Los Angeles Master Chorale will perform a special *capella* concert on Saturday, January 29, at the Dorothy Chandler Pavilion.

The program will include the American premiere of Henri Lazarot's "Canti," the "Mass in G Minor," Vaughan Williams, "Lamentations," Ginastera, "Friede auf Erden," Schoenberg, and antiphonal Renaissance masterworks.

Special admission rates have been arranged for college vocal groups. Interested groups are urged to contact the Music Center or call 972-7282 for ticket information as early as possible.

The Galloping Gourmand

The Red Onion

The Red Onion—E. Foothill, Pasadena.

Elegant theme-oriented restaurants are becoming increasingly popular in Southern California, and the *Red Onion* is one of the more recent products of this trend. It used to be that Mexican restaurants were nice little family operations that produced authentic food at good prices with minimum frills. There were few "high class" establishments around, so the *Red Onion* rushed in where others feared to go...

Outside, the *Red Onion* promises to be a really nice place, and a step inside is no disappointment. The tasteful decor on a restrained Mexican theme is both elegant and comfortable, and a bustling but friendly lounge can make waiting for a table quite a pleasure. The drinks are weaker than the fruit punch at the downtown rescue mission, but the bartender must be talented, because they taste

just fine. Strolling musicians (if that's the word for beginning guitar students) add some liveliness to the place, but probably wouldn't be missed if they weren't there.

The dining rooms themselves are attractive, and one settles in for a good culinary experience. The menu offers some interesting "authentic specialties" that I've never seen before, but I'm not an expert on Mexican cuisine. The food itself is uninspired, but it's attractively served and the prices are lower than one might expect for such a place.

In all, the *Red Onion* is a pleasant restaurant with nice atmosphere and reasonable prices but mediocre food. If you're not picky about authentic cuisine and want a "fancy environment," check the place out. But if atmosphere doesn't snow you (although it should at times), try a place like *Ernie's Jr.* over on Colorado. *¡Buena suerte!*

Paulsen, Ruskin Featured At Ice House Show

Have you ever asked yourself "What can I do tonight besides study like a nerd? If you have, I have a couple of suggestions; if you haven't, you're probably beyond help!

I recently visited the Ice House on assignment for the *Tech*, and found the evening a very welcome respite from the constant trolling of Caltech. The dual act currently offered at the Ice House features comedian Pat Paulsen with lead-in by singer-guitarist Rick Ruskin.

The atmosphere is thoroughly enjoyable and not unlike that of the nightclubs of the sixties. The admission price is quite reasonable, only \$2.50 for weekdays and \$2.75 for weekends. I

suggest, however, that you eat before you go there, because the prices for food at the Ice House are exorbitant.

This week's show, which runs through Sunday the 20th, is a very good example of top-draw comedy: Paulsen keeps the audience laughing endlessly with an up-to-date ace, and Rick Ruskin's humour, combined with his guitar playing, offers an excellent warmup to the feature act.

Reservations are a must (call 681-9942), and you should be prepared to show your ID if you want to buy alcoholic beverages. Otherwise, the Ice House is a fine place to go after studying, and is well within walking distance of Caltech.

News Brief News Brief New

For Those Who Eat Food...

The Caltech Food Co-op seeks new members. We buy fruits, vegetables, cheese, grains, etc., each week. Save 30%-50%. Call Mitch at x2407 or Maurice at x2066.

Expanded Workshops

Workshops in Art, Ceramics, and Stained Glass are being offered each Saturday from 1 to 4 p.m. in the Blacker/Dabney basement. Classes are open to undergraduate and graduate students and faculty. Lab fee of \$5.00.

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Cagers Lose to L.A. Baptist 93-58

by Rock

The Caltech basketball teams continued to gather lumps as both LA Baptist and Claremont-Harvey Mudd romped to easy victories over the Beavers. Hot floor shooting by the LA Baptist Mustangs was the key to their 93-58 victory, while a strictly man-to-man defense sparked the C-HM Stags to an 81-45 win.

Statistically, Tech played LA Baptist evenly, except in the field goal average department. While the Mustangs were hitting their 15-20 footers, Tech couldn't seem to buy a basket. In the first half, only Bart Croes connected more than once from the floor. The shooting improved in the second half for Tech, but the Mustangs turned on their fast break against the winded Tech squad. Doug Dearden led LA Baptist with 18 points. John Pender and Joe Zasadzinski tallied 12 and 10 points respectively for the Beavers.

The Claremont game started encouragingly for Tech, as they jumped to a 6-0 lead early in the

game. At this point, the Stags ball handling defense began to fluster. Quickly, the Beavers and the Stags were up to 16-8. The game never was close after that. Marle Sunderland led Claremont with 18 points, mostly on breaking baskets. John Pender again led Tech with 14 points. Bart Croes, Greg Blaisdell, and Ernie Lewis each chipped in eight points for Tech. In addition, Ernie grabbed ten bounds and Greg blocked a few shots spectacularly for the Beavers.

The JV also played against LA Baptist and Claremont. They lost the games by the scores of 115-41 and 107-25, respectively. In the LA Baptist game, Ron Yamamoto scored 8 points, Greg Hattrak and John Loo each hit 7 points, while Doug Bosatt threw in 6 for the JV's balanced "attack." Schuker and Collins scored 25 and 23, respectively, for the Mustangs. Against Claremont, Yamamoto again paced the Beavers with eight points. Rich Garwicki was the game's leading scorer with 18 points.

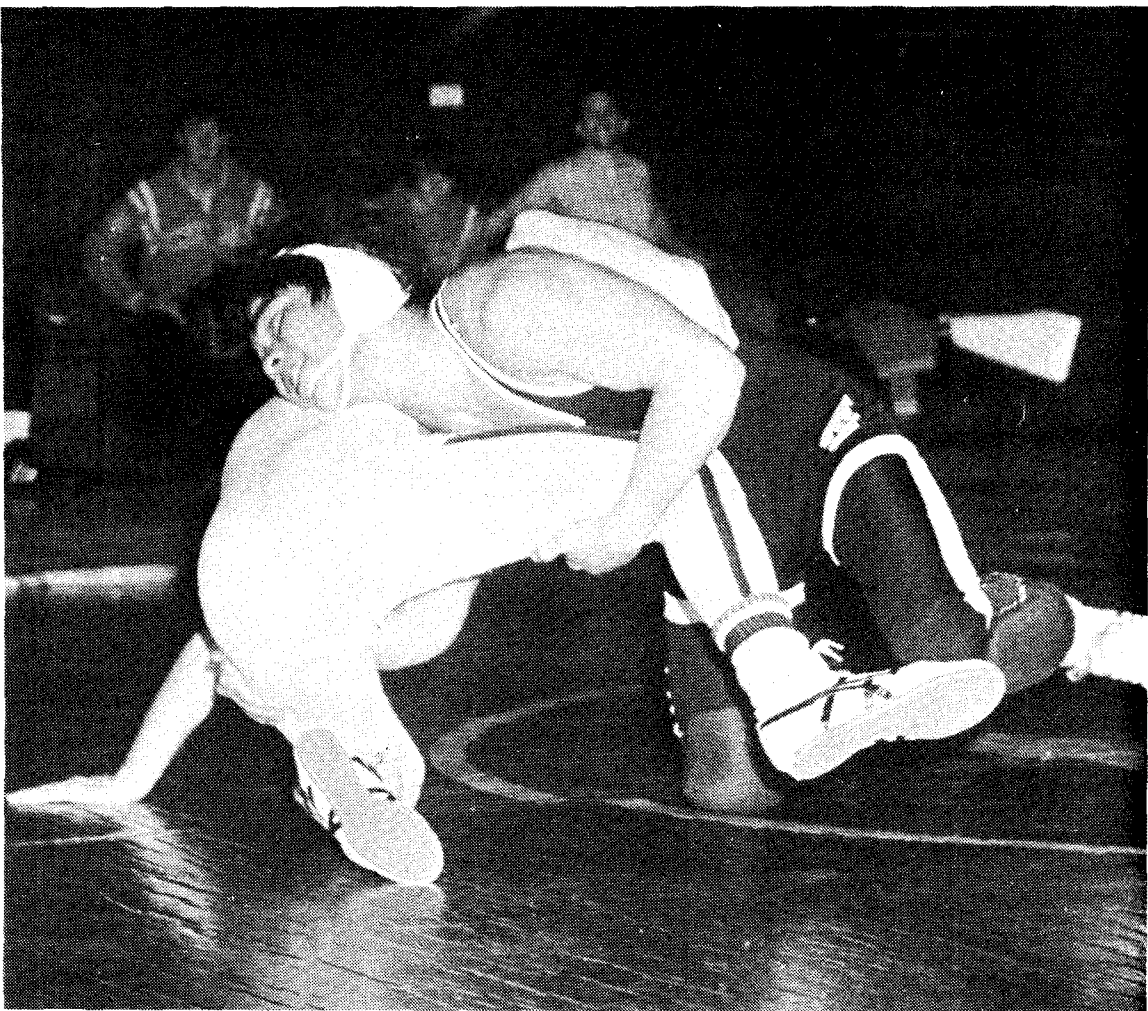


Photo-John Loo

Caltech wrestler in match against Cal Lutheran

Wrestlers Scheduled in Eighth Caltech Invitational

Sixteen local teams will compete in the Eighth Annual Caltech Invitational Wrestling Tournament tomorrow, Saturday, in the Scott Brown Gymnasium. The preliminary rounds will begin at 10:30 a.m., consolation finals at 6:30 p.m., and finals at 7:30 p.m.

The competing teams are: Biola, Cal Lutheran, Claremont-Harvey Mudd, CSU Northridge, LA City College, LaVerne, PCC, Pomona, Redlands, Riverside, LA Trade Tech, Victor Valley JC, Whittier, and Caltech.

Caltech's team will include junior Tom Snyder, senior Bob Loveman, freshman Bill Powers, and junior Louis Testa.

Why not try Tech Offices?

JPL Searching for Alien Life

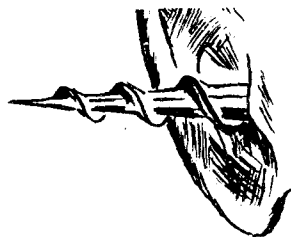
JPL has announced a search for extraterrestrial intelligence will get under way in October of 1978. At that time, scientists will begin to scan the heavens using a new signal-processing technique that analyzes millions of frequency channels, simultaneously, in search of extraterrestrial civilizations.

Designed and developed in cooperation with NASA's Ames Research Center in Northern California, the JPL Search for Extraterrestrial Intelligence (SETI) program is a modest but serious beginning. The initial step of using existing earth-based radio telescopes may lead, in time, to a future SETI program involving the construction of large antennas in space or, perhaps, on the moon—away from radio interference from Earth.

The Forum for the

Advancement of Students in Science and Technology (FASST), and the student programs division of the American Institute of Aeronautics and Astronautics (AIAA), are now finalizing plans for a symposium to be held for an in depth discussion of the SETI program and its implications. The program will be held February 24-25, 1977 at the Ames Research Center with leading scientists, philosophers, anthropologists and sociologists meeting with interested college and university students and faculty to discuss "The Search for Extraterrestrial Intelligence."

For those wishing additional information or registration material, contact: FASST/SETI, 1785 Massachusetts Avenue, N.W., Washington, D.C. 20036 (202) 483-2900 or Ames Research Center (425) 965-5543.



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Photo-John Loo

Bart Croes moving in for a basket

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