

Why Not
Rotate Frosh

The CALIFORNIA Tech

Into Another
Dimension?

Volume LXXIV

Pasadena, California, Thursday, September 28, 1972

Number 2

50 Free Tickets Available For Coleman Opening

by Marc Donner

Here is more news of the Beckman Auditorium Schedule. Beginning Tuesday, October 3, 1972, the Caltech Ticket Office (in an effort to spark interest in classical music among the student body) will offer fifty (50!) free (yes, free!) tickets to the Coleman Chamber Music Concert's opening presentation. These tickets will be available on a first come, first served basis to all Caltech students. The first concert will be held Sunday afternoon, October 8 at 3:30 p.m. The Concert will feature the Guarneri String Quartet: the quartet chosen to give the inaugural performance at the Alice Tully Hall in Lincoln Center, New York City. The Guarneri, composed of Arnold Steinhardt and John Dally, Violinists, Michael Tree, Violist, and David Soyer, cellist, will perform an all-Beethoven program. The pieces will be the quartets: in A major (Op. 18 No. 5), in E minor (Op. 59 No. 2) and in F major (Op. 135). By the way, if you miss out on the free tickets, there are fifty more at \$1 apiece.

The Coleman series continues on November 19 with the Israeli Yuval Trio and, on January 14,

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SURPRISE FROSH! And upperclassmen! Caltech now has eight fine song girls transplanted from Colorado & Hill School. They'll be appearing at football games, mudeos, and other random events. Photo by Ray Feeney

Minimal Interruption Anticipated In Phone Switchboard Exchange

by Dave Peisner

After many months of constructions and wiring the new telephone switchboard was completed recently and will be activated this weekend. Due to the destruction of Throop, the telephone equipment had to be moved and the decision was made to upgrade the equipment to provide better service to the Caltech community.

So what does this mean to you? Perhaps the most obvious difference on the new board will

be the automatic ringing feature. Presently, when someone in the outside world calls the Institute, the operator must ring the extension by hand while the caller hears nothing. After next Monday when the new board is put into service, both telephones will automatically ring as soon as the caller is connected to the extension. As an extra added attraction, whenever a Caltech person dials the operator, he will now hear a ringing sound until the operator answers.

Once is Enough

Another new service will facilitate the transferring of calls. If you wish to transfer an outside call to another extension, press the receiver button *once*. This will activate a special signal at the switchboard to summon the operator. **DO NOT PRESS THE BUTTON MORE THAN ONCE!** You will be cut off.

Finally, a few numbers have changed. If you wish to make a long distance call while the switchboard is open (7:30 a.m. to 5:00 p.m. weekdays and 10:00 a.m. to 3:00 p.m. Saturdays), dial 55. **Note: This coming weekend, no long distance calls through the Caltech operators will be possible.** Dial 53 at all other times. Secondly, the Institute number has been changed from 795-6841 to 795-6811, although the former will still work.

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Camp Fox Hosts Renegade Freshmen

by Peter W. Beckman

"At Frosh Camp you get away from it all before you get any of it." This is how one Upperclass Counselor described the New Student Orientation Camp that was held at Camp Fox on Catalina Island last week. Jointly sponsored by the Insti-

tute and the Caltech Alumni Association. The three day event was designed to allow freshmen, upperclassmen, and faculty to get together in a relaxed informal atmosphere.

The festivities began Wednesday night with a picnic dinner at Dr. and Mrs. Harold Brown's house. This gave the members of each discussion group a chance to become acquainted with each other. Conversation was even possible during those periods when the Dabney House Band wasn't playing.

The following morning almost everyone showed up on time to board the buses for the trip to Catalina although one slowly frosh was forced to flag down the last bus as it hurtled down San Pasqual. The ride down to Long Beach and the subsequent ferry trip to Catalina were rather uneventful, and pocket chess sets, decks of cards, and harmonicas magically appeared as ennui set in. A few desperate freshmen even resorted to reading the *California Techs* and *Totems* that had been distributed as they boarded the buses.

Water, Water, Everywhere...

Camp Fox was a delight. The accommodations were rather primitive (only one bathroom had hot water) and the meals compared unfavorably to food service, but the water was infinitely clear, the

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News Briefs

Voter Registration Block Party

The A. Phillip Randolph Institute is sponsoring a non-partisan voter registration block party, Saturday, October 7, from 2:00 p.m. until 8:00 p.m. (Claremont and Fair Oak, Pasadena). Celebrities will be on hand, and entertainment will be provided. There will be free refreshments. For further information call 299-6006 or 794-6214.

Ham Meeting At Winnett

The Caltech Amateur Radio Club W6UE will hold its first meeting on Tuesday, October 3 in Clubroom One, Winnett Student Center, at 7:30 p.m. All students sincerely interested in ham radio, whether or not they

are licensed, are invited to drop in.

Rallye Club Rolls Again

The Elysian Fields Rallye Club is presenting a skill-gimmick car rallye, stOPP, on Saturday, October 7, starting at the southeast corner of Montgomery Ward's parking lot off Rosemead Boulevard in Rosemead. Entry is \$3.50 per car, regardless of the number of people in it. For each seven cars entered, there will be one trophy awarded.

For those not familiar with skill-gimmick rallyes, there will be a special class for first-timers, who will compete only among

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Second Class Postage paid at Pasadena, California. The *California Tech* is published weekly except during exams and vacation periods by the Associated Students of the California Institute of Technology, Inc., Winnett Center 105-51, California Institute of Technology, 1201 E. California Blvd., Pasadena, CA 91109. Subscriptions: \$4.00 per year.

Throop Beat

No Throop, San Pasqual

by millikan j. troll

Permit me to add one more to the seemingly transfinite greetings already bestowed on the Class of '76 (preliminary studies show that they have more spirit than usual). For the rest of you, gentle readers, welcome back for another year of fun and frolic at these edifying halls.

For those who have never met with this column before (and for the rest who have undoubtedly forgotten over the summer), I should hasten to inform you that this column provides the news ahead of the news, the news behind the news, and any other interesting morsel of data we can wrest from an unsuspecting populace. Remember, you read it first in Throop Beat.

Throop to Go

Our sources tell us that Throop Hall will be abandoned by the end of the week. Publications and Public Relations have been busy moving into their new quarters next to the coffeehouse (formerly the AFROTC office, which is now opposite the Athenaeum tennis courts). With

the switch-over of switchboards planned for this weekend (and reportedly on schedule), the last of Throop's inhabitants, save for the mice, will be out.

Demolition of the venerable structure supposedly will commence on or about October 30, according to the schedule. (Our spies tell us that the schedule will likely be delayed.) Consequently, any who want souvenirs of Tech's oldest building had best move fast.

Streetways . . .

The Institute hopes to have San Pasqual Street closed off by early spring. An application to have the street closed is already on file with the city fathers; public hearings on the matter have been slated for December or January.

New Parking Regulations have been formulated (see your friendly meter maid) . . . Ty Scoggins resigned over the summer from his position as head of Public Relations. Alumni Director Jim Black has taken over as acting head of P.R.

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Walt Meador New Y Associate Director

by Etaoin Schroedlu

There is a new face in the Caltech Y this year. Walt Meador has replaced the departed Jerry Glashagel as the Y's Associate Director. Jerry escaped to Ohio over the summer to direct the development of a new Y program built along the free-style lines of the Tech Y.

Walt Meador comes to Caltech from the First Congregational Church of Pasadena, where he was pastor for nineteen months. After taking his seminary degree with a major in pastoral counseling, and a minor in campus ministry, Walt embarked upon a varied career. After serving as a jailer for the L.A. County Sheriff's office for almost two years, he worked as a group counselor for juvenile offenders (age 8-18) and as a probation officer for the County. There was also a stretch as a hospital chaplain for Memorial Hospital in Long Beach.

Now He's Here . . .

Walt felt that these diverse sorts of experiences were very useful in his education and in learning how to apply his training to real-world situations. These credentials helped him to be chosen for his new job at Tech.

As the Associate Director of the Y, Walt will particularly emphasize assistance to individual persons in the formation of personal value systems and in efforts to gain satisfactory meaning out of personal experiences. "In the past the Y has been very strong on programs and exposure to educational experiences. I would like to see more intimate and personal activities. I don't suppose that there will be as much professional organization of activities; the people who want the programs will be wrestling with the work themselves."

Assistance!

The Y is geared to provide

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Drop Day Change Killed by Faculty; New Attempt by Students Begins

by Phil Neches

At the regular meeting of the faculty before school ended last term, the faculty voted NOT to approve of a plan to push back drop day. Consequently, the policy on dropping courses remains the same as last year according to a letter sent out to undergraduates by Tom Howell, a student representative on the Undergraduate Academic Standards and Honors Committee, which proposed the change.

As of this printing, the dates for drop day will be: November 10, 1972 (first term); February 9, 1973 (second term); and May 4, 1973 (third term). The other dates printed in the catalog and the *little t* do not apply.

Agitation

The Faculty vote on June 7 came as a frustrating climax to months of effort by student and faculty supporters of the drive to move drop day back. After persuading the Standards and Honors Committee to support the measure back in February, supporters obtained a favorable recommendation for the measure from the Faculty Board in March.

At that time, rumors spread that the Faculty Board's action made moving drop day official; however, the matter required approval of the full faculty.

According to Howell's letter, the drop day proposition's failure may be partly attributed to absence of some of the supporters of the measure from the faculty meeting in June. Also, student representatives did not make as strong a showing as might have been hoped for, since the meeting fell in the middle of finals week.

Try Again

The Standards and Honors Committee plans to abide by the faculty's decision for now. However, a renewed effort to move drop day back has been planned for this term, hopefully culminating in another faculty vote in November.

Several reasons have been cited for moving drop day. The major ones are (i) that a student forgot that he was signed up for a course until too late, (ii) that a student thought he could do the work in a course, only to find out otherwise after drop day, and (iii) the student did not have the results of a midterm back by drop day, so that he could not know how badly he was doing.

The Old Ways Are . . .

If previous policy is continued, the Standards and Honors will probably continue to grant retroactive drops (i.e.: drops requested after drop day) for the first and last of the reasons above, but not for the second according to Howell.

In proposing to have drop day moved to the last day of classes for the term, the Standards and Honors committee hoped to end its dilemma concerning requests for retroactive drops and how to apply existing regulations equitably. Approximately fifteen petitions for retroactive drops come before the committee each term.

Better Ways?

Also, the committee felt that "a mature student should be free to decide whether he is prepared to satisfy the final examination or term paper requirements of each course. The last day of the term is the optimum day for this decision."

When the proposition reached the Faculty Board, however, that group decided that the "optimum day" really lay one week earlier. The Faculty Board voted to recommend drop days one week before the end of classes; however, the faculty bought none of it.

"Frankly Speaking"

by Phil Frank



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Thursday, September 28, 1972
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Published weekly except during
vacation and examination periods by
the Associated Students of the
California Institute of Technology,
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baum.
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The California Tech Publication
Offices: 115 Winnett Center 105-51,
California Institute of Technology,
1201 East California Boulevard, Pa-
sadena, California 91109. Telephone:
(213) 795-6841, extension 2154.
Printed by News-Type Service, 125
South Maryland Avenue, Glendale,
California. Represented for national
advertising purposes by National
Educational Advertising Services,
Inc. Second class postage paid at
Pasadena, California.

Subscriptions \$1.50 per term.
\$4.00 per year.

Life Subscriptions \$100

EQL Study Shows Underground Plants Feasible

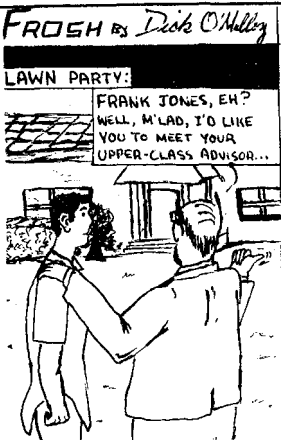
Underground construction of nuclear power plants may remove some of the environmental objections to them, and is technically and economically feasible according to a study released today by the Caltech Environmental Quality Laboratory. The studies, done by Aerospace Corporation, found that the additional cost for putting a plant underground would be less than 10 percent of the total cost of the same plant built on a surface site.

Underground construction would not require substantial changes in existing equipment design, but would depend on the availability of suitable rock formations. (Additional work is underway to locate such geological conditions in California.) The Aerospace research team, led by Dr. M. B. Watson, applied technology developed for military underground protective construction.

Advantages

Dr. Martin Goldsmith, who directed the study for EQL, explained the potential advantages of placing electric generating plants in cavities excavated from rock. Containment vessels for radioactive materials can be backed up by hundreds of feet of rock on all sides, giving "even greater assurance of containing radioactive materials in case of accident."

"Conceivably," Dr. Goldsmith said, "underground plants could be constructed closer to the population centers which not only use the power but which might be able to avail themselves of the waste heat, presently rejected by all power plants, for space heating, air conditioning or



other industrial uses."

Dr. Goldsmith also suggested that the greater safety and inconspicuousness of such plants might mean that some surface sites not presently acceptable for nuclear power plants would be available for underground plants.

Little Work

Although underground nuclear power plants have been suggested before — and used in a limited way in Europe — little work has been done to verify the actual safety advantages, and economic and technical feasibility, according to Dr. Goldsmith. On-going studies will be jointly supported by EQL and the Aerospace Corporation with partial support from the NSF and will consider the degree of safety afforded by undergrounding in case of accidental break in a plant's nuclear fuel systems.

The EQL/Aerospace report forms part of a larger study of presently undeveloped alternatives for power plant siting. The study compares more novel concepts such as underground and offshore floating installations to present methods of construction.

No Judgement

"Because we study these things in no way indicates we are advocating these novel methods," said Dr. Goldsmith, "but we recognize some of the imperfections and some of the dissatisfactions people have with the

Coffeehouse Serves As Campus Nightspot

by David Champa

The large antique door with the plexiglass window greets one as he enters the coffeehouse. The next indication that you are in indeed the right place is the jabbering of the waiters barking the evening's epicurean delights. I stepped up to the counter. A gentleman asked me —

"Can I help you?"

"What do you have in the way of refreshments?"

"Coke, Sprite, Cold Cider ..."

"I'll have the Cider."

"... Orange, Coffee, Tea ... uh, uh, you'll have the cider?"

"Yeah."

Armed with my drink in hand I proceeded to cruise the vicinity, to discover how the coffeehouse earned its reputation

way sites are now chosen. Some of the dissatisfaction results from a feeling that less environmentally objectionable alternatives have not been adequately considered. We have not yet made any judgement as to relative worth of various alternatives, but we are trying to develop some useful engineering and economic data that will be needed for such evaluation."

as the flicking place to be during punting season. There is an abundance of enigmatic posters and the management assures me that the interior decor has been improved and is "Better than ever!" One coffeehouse troll even went on to clarify the above ambiguous statement with a counter statement (ejaculated from behind the counter), "It's the best in the universe."

If you are looking for a cheap place to eat with some of the best food in Pasadena, especially after hours, then this must be the place. Boigers, Dogs, and Chili are prepared with real Techish fervor in a combination of combinations. Just as an aside, the "Committee to Cleanse Tech of GC&S" has scored a minor victory in having the Coffeehouse stove cleaned. Ice Cream also may be purchased and even eaten if one so desires. While you are stuffing your face you may entertain yourself by playing chess (they have just gotten in an assortment of new chess sets), thumbing through the 1892 edition of "The Encyclopedia Britannica", reading comics, or just listening to the music.

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To Flick Or Not to Flick-- There's No Question!

by Dennis Mallonee

In the little t, punting is defined as "not putting off until tomorrow what can be put off until the day after tomorrow." Over the past few years, the term has gradually been replaced by "flick," which means the same thing.

10 Forms of Flicking (Punting)

1) **BRIDGE:** Not to be confused with Bridge, bridge is a common, enjoyable way to flick. One of the ways to tell whether a Techer flicks with bridge is to go up to him and yell (frosk take note:), "FOURTH!"

2) **CHESS:** This is the second-most anti-social way to punt. For the players. If you see a large crowd gathered in a small area, you can be sure that either a battle of titans or a Throop demolition will be taking place.

3) **AMNESIA:** This is perhaps the only form of flicking which can be accidental. It happens when an undergraduate (a) forgets he has a class, (b) forgets he has homework, (c) wears corduroys [(c) happens only rarely, and leads to flicking only incidentally — when the corduroy-wearer is lower than a senior, he could soon begin a flicking procedure known as "drying off".] Graduates, T.A.'s, faculty, and such do not get amnesia. B&G has a terminal case.

4) THE DABNEY METHOD

5) **DRUNKEN STUPOR:** This is often placed under category 3), but should not be, as it is never completely accidental.

6) **FUN AND GAMES:** Pool, snooker, billiards, table tennis, pin-ball, athletic fields for team sports, Purity Tests, and miscellaneous crud can be found in game rooms, gymnasium areas, Student House lounges, patios, various lounges, and just about everywhere else on campus.

7) **STEAM TUNNEL WANDERING:** Usually there is a purpose to it, thus it is the rarest form of flicking.

8) **COFFEEHOUSE:** Comic books, food, and social intercourse sum up the advantages of punting over here. This is oftentimes considered the "in" place to be.

9) **WINNETT CENTER:** The easiest place to punt. Includes (a) the student lounge, (b) the gameroom, (c) the Caltech Bookstore, (d) the Caltech Y, (e) the California Tech office, (f)

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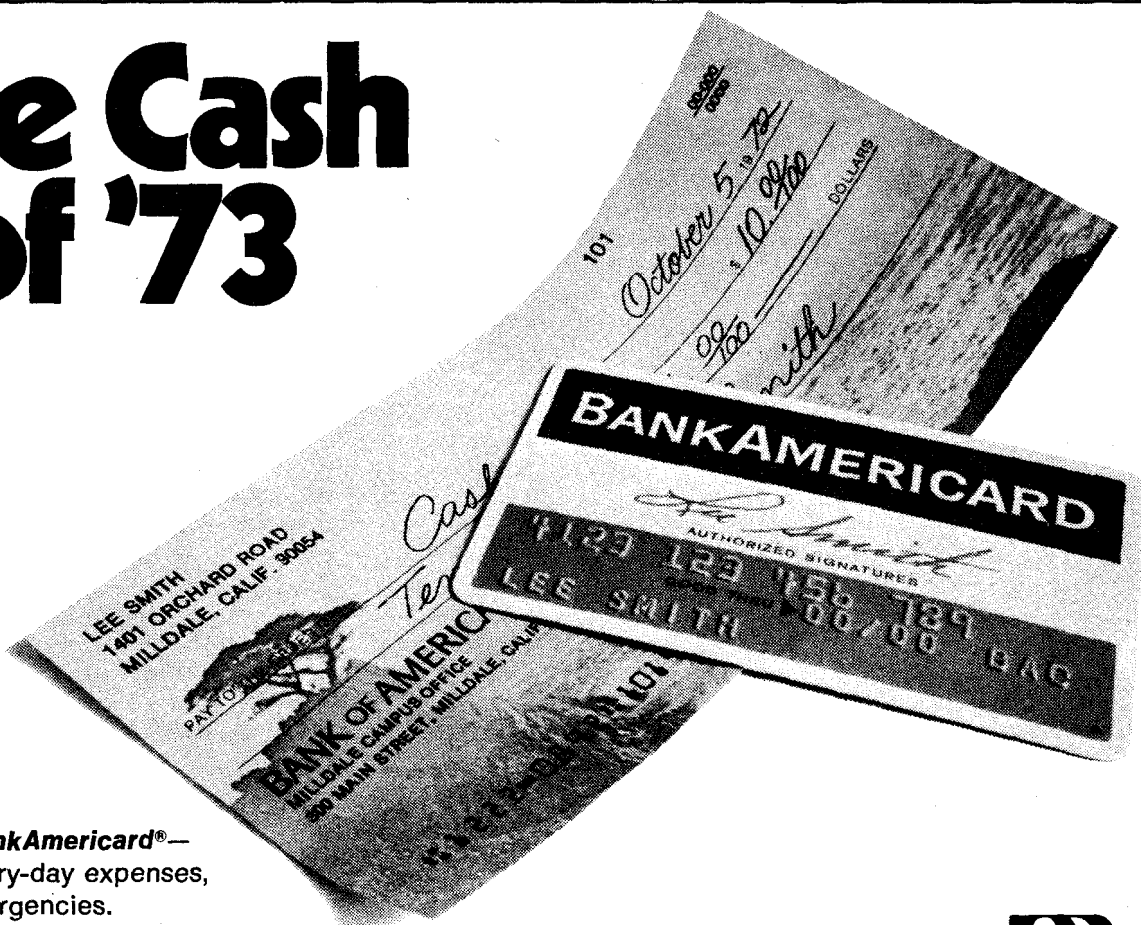
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The Best Things In Life

by Peter Beckman, L.U.S.H.

The recent upsurge in public interest in wine has led to the appearance of two new consumer-oriented publications, *Wine World* and *Vintage*. They are filling a much needed gap in a field that was previously dominated by *Wines and Vines*, a growers and vintners trade journal and *Bottles and Bins* which was oriented towards the more experienced wine drinker.

A typical issue of either magazine contains one or more articles about California wineries, a few general articles on the wines of various foreign countries, an historical article or two, some news briefs, and a number of wine tasting reviews.

Beyond this, each of the magazines has a number of spe-

cial features. Each issue of *Vintage* has an installment of the "Vintage Glossary" containing definitions of common wine terms, "Where It's At" which comments on the availability of various wines across the United States, and "The Home Vintner" which gives hints to those who like to make their own. *Wine World*, on the other hand, has "What's New", a listing of wine oriented products, projects, and events, "How to Read A Wine Label" which uses actual examples, and a column reviewing new wine books.

If anything is wrong with these publications it is lack of adequate copy. Many of the articles are indifferently written, and the editors often seem forced to fill space rather grossly. Hopefully, these problems will be overcome when *Vintage* and *Wine World* are better established and can find a greater number of copy sources. Until then readers will have to remain content with two publications that are strong in concept, but fail slightly in action.

an article about the cast and the play.

New Name For Lectures

The traditional Monday evening lecture series has been renamed and this year it will be called The Earnest C. Watson Caltech Lecture Series. The first lecture, on October 16, will be *Canyons of the Colorado: The Consequences of Catastrophe*. This will be followed by *The Mystery of Maize* on October 30 and *Shock Waves: The Microsecond World of High Pressure* (well known to Caltech students) on November 13. We'll have the rest of them in the *Tech* as their time draws nigh. If you just have to know NOW, go see Pearl Fles or anyone at the ticket office.

The 'specials' for the Fall-Winter series include: Guy Lom-

News Briefs

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themselves. Since skill-gimmick rallyes are based on observation and deductive skills, Techers should be able to do quite well, as has indeed been proven in the past. Rotation will be well over by the night of the rallye (thank God), so a good opportunity for freshmen to meet their new housemates presents itself. Registration is from 6:30 to 8:30. For more information, call 449-8322 or look for David Smallberg in Blacker.

An IKON News Brief

Contributions are still being accepted for the October issue of IKON, Caltech's only independent poetry magazine. Leave material at the YMCA office.

Another Chance to Dive into Beaches

There will be a scuba class this term on beach diving. We will have an organizational meeting on Friday at 4:30 in the gym. The first dive will be Sunday at 9:00 at Horse Pastures (sometimes referred to as Irvine Equestrian Center). Driving time is 1 hr 10 min. Instructions on

bardo on October 26; Paulene Myers' "World of My America" on November 1, 3 and 4 (in Ramo); soprano Elizabeth Schwartzkopf on November 18; and Big Band Cavalcade on December 12.

The Leakey foundation will offer a three lecture series in Beckman: Dr. Leakey on October 17, Robert Ardrey on November 14, and Dr. Jane Goodall on December 8. The Armchair Adventure series with Dwight Long opens up with Magnificent Austria on October 27. We'll have announcements of the rest of the series in later issues.

The Winter-Spring 1973 series includes the Vienna Choir Boys, Carlos Montoya, Vladimir Ashkenazy and other performers and groups. The National Shakespeare Company will be back with "A Midsummer Night's Dream" on March 31. In future issues of the *Tech* we'll have more information on Beckman. Remember - take your date to the Fox concert.

how to get there are posted on bulletin boards in Winnett & in the gym.

Thrills and Chills DuQuesne to Strike Again?

Yes, it's true. Caltech's literary-art magazine is still and again accepting contributions for a fall issue. Short stories, poetry, drawings, photographs—anything of a creative nature—may be submitted to Phil Massey (Ru), Gessine Lohr (Da), Art Editor Bob Coleman (Ru), Gavin Claypool (Ri), or left in the *California Tech* office in Winnett. Anyone vaguely connected with the Institute is invited to contribute.

There Is No Hortaculture on Catalina

For *Star Trek* addicts: Rest assured that this author was unable to find a sign of a Horta Culture on the island of Catalina.

This, of course, does not mean that Hortas do not inhabit the island, it merely means that this reporter was unable to find any.

Israeli Folk Dancing Continues at Caltech

For the third year, Caltech

Hillel is sponsoring Israeli folk dancing classes Sunday evenings at 7:30 in the Penthouse Patio of Keith Spaulding (Business Services). Come and learn how to dance, meet some people, and/or have fun. Admission is 25 cents, free to Hillel members.

Jewish Holiday To Be Celebrated

Singing and dancing will mark Caltech Hillel's third annual celebration of *Simchat Torah*, the anniversary of the receiving of the Law. It will be held Saturday evening, September 30, in the Penthouse Patio of Keith Spaulding (Business Services), starting at 8:00 p.m. There is no admission charge. Refreshments will be served.

Caltech Hillel Holds Israeli-Wine Tasting

Caltech Hillel will offer a variety of Israeli wines and other refreshments to members of the Caltech Jewish Community today, September 28, at 5:15 p.m. in Dabney (Hall) Gardens, in celebration of the Jewish holiday *Succos* and as part of a membership drive. Membership is \$3 for one year; admission for non-members is 50 cents.

Caltech Hillel Active Again This Year

If you wander into Dabney (Hall) Gardens, you will see along the east wall what looks like a bunch of two-by-fours covered with chicken wire and dehydrated vegetation. Actually, this is a *succah*, an "insubstantial structure," built in observance of the Jewish holiday *Succos*, declared in Leviticus chapter 23, by the Caltech Hillel.

Caltech Hillel is the campus organization to manifest the interests of Jewish students at Caltech. Besides observing the various holidays throughout the year, Hillel regularly holds services Saturday mornings in Clubroom 2 of Winnett, sponsors Israeli folk dancing classes Sunday evenings at 7:30 in the Penthouse Patio of Keith Spaulding (Business Services), and has weekly luncheon meetings at noon on Mondays in Chandler.

Membership in Hillel, \$3 for one year, will usually get you reduced admission to Caltech and other LA-area Hillel events, which are usually mentioned at the weekly meetings. As part of a membership drive, as well as in celebration of *Succos* Hillel will have an Israeli-wine tasting this Thursday, September 28, in the *succah*, at about 5:15. Admission is free to members (new or old), 50 cents for non-members. See you there!

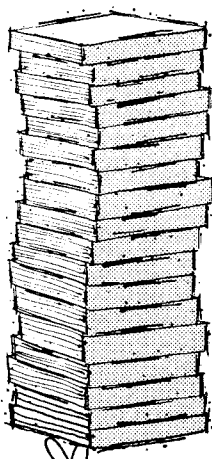
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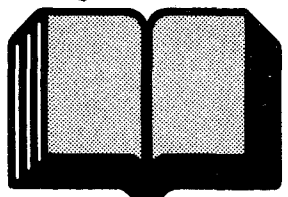
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Switchboard Coffeehouse

Continued from Page One

The coffeehouse boasts the largest comic collection on campus, covering the full spectrum illuminated by Marvel and D.C. Undergrounds were once stocked but as is indigenous to the species, they were eventually ripped off.

The music is piped in and out and down and around, but the master control is located upstairs and is accessible only to the staff. They have been known to play requests, however. The general content is what the management considers the best in Rock and in Rock and Roll today. There is a strong line of Leon Russell with a sprinkling of Beach Boys. Also, by order of the Management, "No BS&T will be played," unquote.

The clientele is mostly Techers but there are rumors that tall and tan and young and lovely girls from Pasadena come walking in. It seems like a good rumor to check out.

Walter Meader

Continued from Page Two

individual help to those whose problems don't warrant using Institute psychiatrist or Health Center facilities. The Y still offers short-term financial loans to students, and can provide contacts with and knowledge of various parts of Tech, when needed.

One of the directions Walt and the Y hope to follow this year is for more graduate student participation and activities. Already two Biology research groups have arranged weekend discussion meetings at the Frank Capra Ranch.

Perhaps the biggest plans for the coming year are for one or two large conferences (Techers of last year will remember the Genetic Engineering conference). One will be on aspects of Programming of Behavior, and may feature Dr. B. F. Skinner, contingent upon Dr. Skinner's accepting his invitation and an NSF grant being obtained to defray the costs.

Throop Beat

Continued from Page Two

The future of Gates has apparently taken yet another turn. When classes ended in June, Gates appeared to be headed for the wrecker's ball as surely as Throop. However, a Save Gates movement started among the trustees, with the results that "Plan B" will be put into force.

Current plans call for clearing the interior out, shoring up exterior bearing walls to meet earthquake safety standards, and then re-finishing Gates as a permanent headquarters for the administration. Nothing will be done, however, until more money is found. Until then, Gates

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More Random

Continued from Page Three

The new equipment should prove to be a welcome relief from the old, worn out equipment the Institute is presently using. However, a word of warning: the process of switching from the old system to the new system this weekend is likely to cause a number of service interruptions for a short period of time. It is also possible there may be a few bugs in the system when it is activated. Consequently, if you are convinced that your phone is not working properly; the best thing to do is dial 0 on another phone and report it. The telephone men will probably be present most of the weekend so the problem should not take long to correct.

At this point I would like to mention that the switchboard has been run by students at night and on Saturdays since third term last year. This was never announced in the paper because at the time there were plenty of people to fill the few job openings. Presently, there are no openings for operators but if you would like to be put on the waiting list, see Dave Peisner in Page.

Frosh Camp

Continued from Page One

sun was warm, and the boats at anchor in the cove were well laden with various liquid consumables.


Orientation itself consisted primarily of group discussions, assemblies, and fun & games — but not necessarily in that order. At the assemblies, held after each meal, those who had something to say got a chance to address the newcomers. Each one also featured a seminar in which a member of the faculty described some of the types of research being conducted at Caltech. Afterwards each group went off by itself to discuss topics of interest to the incoming student. The length of these talks was generally inversely proportional to the desire of the freshmen to join in the fun & games.

will remain as is: a sort of architectural ghost.

Interesting

The Health Center's psychological counseling staff now boasts two interns. Judy Halama from UCLA and Cleo Harvey from Cal State L.A. will be working under Drs. Ian Hunter and Nancy Beakel.

Speaking of your health, we are informed that men who turn 19 this year will be called for pre-induction physicals before



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News Briefs

Caltech to Join the Aristocracy of Roses?

Representatives of the Rose Bowl's Queen & Court Committee will be at Caltech Monday at 10:00 a.m. in Winnett Clubroom Two to provide info to any interested Caltech coed. The Dabney Deanery has announced its support and will be circulating a memo to the eligible candidates.

ASCIT'S Friday Night at the Fifty-Cent Movies

Sept. 29, CATCH-22; Oct. 6, ANDROMEDA STRAIN; Oct. 13, SHAFT; Oct. 20, LOVE STORY; Oct. 27, LITTLE MURDERS; Nov. 3, BIRD OF CRYSTAL PLUMAGE; Nov. 10, THX 1138; Nov. 17, SECRET OF SANTA VICTORIA; Dec. 1, MAROONED; Dec. 8, QWACKS-ER FORTUNE HAS A COUSIN IN THE BRONX.

Student Shop Election Announcement

Anyone who was a member of the student shop last year and who is interested in continuing the activity this year should attend the organizational meeting Satur-

After dinner Thursday and Friday ASCIT screened a couple of "oldies-but-goodies". Afterwards the freshmen managed to entertain themselves — generally with a pack of cards. Friday, a group of Upperclass Counselors put on two skits. They were so bad that Michael Mariani, who was in charge of them, was ceremoniously Pacific Oceded afterwards. (As Mariani was dumped into the sea one rather confused frosh yelled, "Scatter before they can get us." He didn't seem to realize that the freshmen outnumbered the upperclassmen seven-to-one.)

But None of it Hot

All good things must end, and the return from Catalina reflected that fact. Students napped or talked quietly about the uncertain college life that lay before them. The New Student Orientation of 1972 was over, but it would remain an unforgettable experience for those who participated in it.

the end of the calendar year. If you birthday was in 1953 (and this affects many, many sophomores) and your lottery number (RSN) is 75 or below, you will be called. Reviewing your medical records (and your consciences) seems in order. If you have questions about the draft, or your case, see Dr. Bonner in Dabney Hall. If he cannot answer your questions, he will refer you to a professional draft counselor who can.

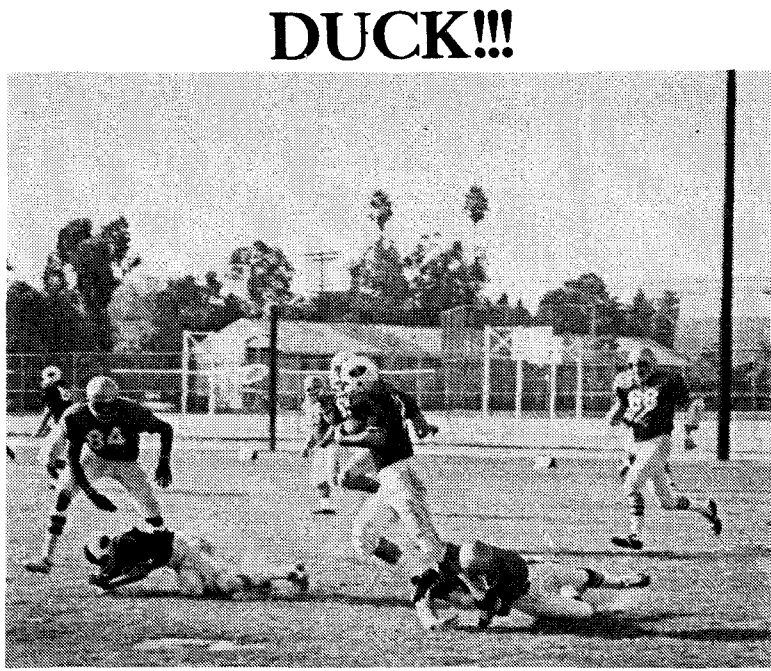


Photo by Ray Feeney.

day, September 30 at 1:00 p.m. in the basement of Winnett Center. Many important decisions will be made, so all members are urged to attend. It is planned that the shop will close for a week to allow for repairs and a lock change.

NSF Money For Needy Grads (73)

Students applying for National Science Foundation Graduate Fellowships are required to take the Graduate Record Examinations on December 9. Applicants must be U.S. citizens and beginning grad students by fall 1973, or have completed not more than one calendar year of fulltime or parttime study by fall

Flicking

Continued from Page Three

Krueger's and Smoody's office, (g) Louise Hood's office, and (h) a rarely-used barbershop.

10) SLEEP: This is the most anti-social way to flick (punt). It cannot be done in any student house. It is done properly during Physics 1a, or Chem lectures. Though common among frosh, sleep by upperclassmen is done upon rooftops between 0200 and 0315 hours.

Summary

This is by no means a complete list of flicking activities. Each year, inventive minds uncover new methods. For the latest facts, contact millikan troll.

DUCK!!!

1973. Awards are for master's or doctoral work in the mathematical, physical, medical, biological, engineering, and social sciences. The deadline for applications is November 27. Winners of the annual stipend of \$3,600 will be announced on March 15, 1973.

Tapestries on Display At Baxter

A collection of modern tapestries from the J.L. Hurschler collection will go on display in Caltech's Baxter Art Gallery tomorrow. Although the outstanding collection has been widely displayed throughout the country, the Caltech exhibit will feature new acquisitions never before shown.

The Baxter Hall display will run through October 21.

Tech-Scripps Beach Party

Continued from Page One

Balboa Beach, which has a bike trail along the beach.

Sign-up sheets are posted in each house and in Louise Hood's office. Drivers will receive maps of the beach area. People with cars, especially upperclassmen, are encouraged to drive, since there will be a lot of Scrippies (as well as Techers) to be transported.

If you have any questions about the trip, leave a note for Jim Price in the ASCIT office.

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Go Play Softball

IH Schedule Changed

by Bob Kieckhefer

As most of you are probably aware, Interhouse sports started yesterday with the first softball practices. The house teams will keep practicing until next Thursday, with games scheduled from October 6 to 20.

At the urging of the IHC, coach Jim Nerrie has revised the interhouse schedule for 1972-73. The major change has been to reschedule swimming from cold, dark December to sunny, warm April. This allows tennis to be planned for November, with the matches to be played at times agreed upon by the individuals involved.

This leaves track and field scheduled for January. Volleyball will be played in the last weeks of second term, as it has been in

previous years.

Time for Flicking

Third term will be chock-full of sports to draw students away from their books. Basketball will occupy the first three weeks of the term, followed rapidly by the interhouse swimming meet. Interhouse competition will end with football games the last two weeks of May.

Interhouse sports offer a great excuse to flick in studying to get some exercise. Everybody who participates has a lot of fun, even in the lopsided games. Page House won the Interhouse Trophy last year, but a lot of other houses are hoping to overtake them in 1972-73. So go out and play or at least cheer for your house. (Frosh may practice with any house until after rotation.)

Soccer Loses Opener to Rio Hondo, 6-3

Caltech's soccer team opened its 1972 season at Rio Hondo Academy last Saturday night. The game was fairly even until Rio Hondo scored its first goal, but after a few fast breaks the Techers were behind 4-1. The final score was Rio Hondo 6, Caltech 3.

Many excellent freshman are playing for this year's booters. Sergio Salzburg of Brazil has exhibited good ball control during the past weeks. Alan Saul of

Pittsburgh and Steve Burrus of North Carolina each scored a goal at Rio Hondo, with senior John Rogers getting the other score.

The backbone of this fall's defense is goalie Arvid Croonquist, who played a lot better against Rio Hondo than the six goals-against indicate. Most of these scores came on quick breakaways, which are hard for any goalie to stop.

The booters played at Pomona last night. They open their home season this Saturday at 10:00 against Whittier. Next Wednesday they will go to LaVerne for another contest.

Water Polo Swamped By U of Arizona

by Bob Kieckhefer

The fall athletic season officially opened last Saturday as Caltech's water polo team took on the University of Arizona. Tech's swimmers were evidently still suffering the aftereffects of frosh camp, as they were swamped, 18-4.

Jim Jakway led the home team in scoring percentage, as he scored one goal while taking no shots. (In one of the Arizonans' few mistakes, their goalie dropped the ball into the goal and the score was credited to Caltech captain Jakway.) Steve Bitondo, Howard Bubb, and Russ Desiderio scored Tech's other goals in more normal ways.

While the score on Saturday was very lopsided, Tech's tankmen still have more than three weeks to gel into a respectable team before conference games start. They will take on Loyola University this Saturday at 10:00 in Alumni Pool in an effort to win their first game of the season. Next Wednesday they will host Pierce College at 4:00 in another non-conference game.

The tankmen are still searching for a manager (male or female). If you are interested, see Lawlor Reck at the pool. (Yes, this counts toward fulfilling the PE requirement.) They are also hoping for some spectators to cheer them on. More than 50 people cheered for Arizona last game, with many fewer from Tech in attendance. Go see a game!

Remember This?

HELP WANTED

Horny QB wanted. Caltech's football team's female center needs a strong and virile Quarterback. Benefits beyond human capacity. If you can take the snap and throw the ball, we can make it. Must have talent on and off the field. Contact Coach Gutman for a winning combination.

Well, here she is! Caltech football's own Number 11, ready to start the team off on a winning season. First home game is Oct. 13.

Sports Menu of the Week

Friday, September 29

4:00 p.m. Cross Country La Verne & Occidental at LV

Saturday, September 30

10:00 a.m. Soccer Whittier Home
10:00 a.m. Water Polo Loyola Home

Wednesday, October 4

3:00 p.m. Soccer La Verne Away
4:00 p.m. Water Polo Pierce College Home

Friday, October 6

2:00 p.m. Football Claremont-Harvey Mudd JV Away
3:00 p.m. Water Polo UC Riverside Tournament Away
4:00 p.m. Cross Country Pomona Away

Saturday, October 7

10:00 a.m. Soccer Claremont-Harvey Mudd Home
10:00 a.m. Water Polo UC Riverside Tournament Away



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MISCELLANEOUS

WANTED: RIDE FROM CLAREMONT. For Polytechnic student. Morning—arrive @ 8:00 a.m. Gerry Gollin (714) 626-4285.

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