



AFTERMATH of abnormally wild grad student party in Church. Notice dusty typewriter. Photo by Peisner.

## Explosion Rocks Church Lab; Grad Student Escapes Injury

by Dave Peisner

An explosion in Church lived things up during the middle of finals week last term. At approximately 1:05 p.m., March 22, Bill Scott, a graduate student in chemistry, attempted to destroy some lithium aluminum hydride (LAH). He succeeded violently.

Damage was extensive. In addition to breaking a lot of glassware, the force of the explosion caused the hood in which Bill was working to collapse completely. A large number of bottles stored in the hood also broke causing sodium, mercury, and radiation spills. Fortunately, the bottle of pure liquid phosgene did not break.

Bill ran a reaction with 2 grams LAH in 200 ml ether. He

then tried to destroy the LAH by adding water. This caused formation of hydrogen; heat resulting in fire; and the explosion.

The fire continued after the hood collapsed but was quickly put out with a nearby fire extinguisher. The other people in the lab (Anita Lighty and Yuan Chao) were not hurt but were slightly scorched by the flames.

Rumor has it that this was the same lab that Bill Beranek blew up a couple of years ago.

Like the Beranek explosion, some of the effects were freakish. Glassware on the other side of the room was smashed to pieces while the scintillation counter on the same side apparently escaped damage. The building window near the hood was

blown out while the window on the hood did not injure Bill at all.

Following the incident, two truckloads of Pasadena's finest rolled up to watch the *Tech* photographer take pictures. Nobody ever did explain what the smell in the room was.

## The End of the World Has Been Cancelled

by Morg Blorg

The PME went out this year not with a bang but with a whimper. The Control Board of the game, recently renamed World Games, sent out a questionnaire at the end of second term. Six hundred letters were sent out and twenty-five replies were received. Of the twenty-five replies, twelve were "no", nine were "maybe", and four were "yes". No more Caltech Y money will be spent on the now defunct games and the check for \$200 from ASCIT will never be cashed.

Quite a few people put a lot of effort into the games, and particular thanks should go to the members of the Control Board who sacrificed much valuable time in trying to organize the game. Special thanks also are due to Mr. Richard Mooney in Keith-Spaulling who went to great effort to make the Business Services building available to the Games. Also thanks to Dr. Munger in the Africana Library for his help in attempting to revive the Games after a lapse of three years.

Though this is the end of this year's attempt that does not mean that the World Games is dead. Anyone wishing to restart the Games can get all the extant information from Marc Donner in Page House.

## Quality Down, Cost Up

# Mandatory Board Contract Next Year

by Tim Groat

The mandatory board contract is upon us once more. Despite the feelings of many undergraduates, the choice will be food service or moving off campus when you return next fall.

The decision to return to food service was arrived at after several months of discussion. The Faculty Committee on Student Housing was the first body to suggest that something be done about the current state of affairs. Dr. David Smith, Master of Student Houses, was given the job of organizing a committee to investigate what could be done to resolve the food situation. The committee, consisting essentially of last year's IHC, eventually came up with five proposals:

1. Do nothing. Leave the system as it is now.
2. Mandatory board contract for all residents.

3. Contract mandatory only in certain houses (e.g., all except Dabney and Ricketts).

4. Voluntary board contract.

5. North Houses will have a mandatory contract. The South Houses would be free to hire their own staff and to use the South

Complex kitchen if they wanted to have their own house meals.

### Friends and Foes

The committee decided that the current system is impractical. Having meals prepared by individuals would require extensive renovation of all the houses.

Letting only the people in certain houses off the contract would be unfair, considering that house assignments were not made based on house food systems. In addition, this would still require the renovation of the houses'

Continued on Page Nine

## Tech Triumphs Third Time in Terrible Test

Undergraduates from the California Institute of Technology have won the nationwide William Lowell Putnam Mathematical Competition for the third year in a row.

More than 2,000 students from 362 colleges and universities in the United States and Canada took part in the six-hour written examination. Each school selects in advance a three-man team whose individual placings in the competition are added to produce a team score.

Caltech's winning team was

composed of senior Arthur Rubin of West Lafayette, Ind.; sophomore James B. Shearer of Livermore, Calif.; and senior Michael Yoder of Albuquerque. They won the team prize of \$500 and each member, in addition, received \$100.

Also, Rubin received a \$250 prize for winning the competition. He has been an individual winner for four consecutive years, two as a student at Purdue University and the last two at Caltech.

A total of 33 Caltech students

entered the competition in addition to the team of three. Caltech freshman Christopher Henley of Baltimore won \$100 for placing sixth. Shearer placed 12th. Receiving honorable mention for scoring in the top 40 were Yoder and sophomores Stephen Tappel of Davis, Calif., and Frank Liang of Northridge, Calif.

The second through fifth teams in this year's competition were the University of British Columbia, University of Chicago,

Continued on Page Six

## News Briefs

# Ring Destroyed (March 25)

The Mythopoeic Society will hold its annual Spring Picnic and celebration of the demise of the One Ring this Saturday, April 6, from 1 p.m. til sunset at the Arroyo Seco Park, located just off the Pasadena Fwy., near the Ave. 57-Hermon Ave. turnoff. For transportation, call Jim Vibber (792-8776) or contact Pat Tressel (50 Blacker) before noon, Saturday. Costumes encouraged, but not required.

### Artsy Craftsy

Registration for the 2nd Annual Caltech Y Arts & Crafts Fair is now open through the 13th of April - the date of the

day-long event. Anyone interested in participating can pick up a registration form in the Y office. If you have any further questions, contact Karen Maples, 449-9617.

### Remember The Big T!

Seniors are reminded that their photos are due at *The Big T* office in Winnett on April 15 (a week from this Monday). Photos should be 3x4 inches, black and white, and accompanied by the senior's name, option, and home town.

Clubs are also reminded that their pictures and writeups are also due in the near future.

### ASCIT, Big T Refunds

Persons not wishing to purchase either a copy of the 1974 *Big T* or be ASCIT members third term may request the appropriate refund. Leave a note with Flora in Winnett Center addressed to the ASCIT Treasurer.

### Nominations Open

Nominations for I. H. C. Secretary are now open. All interested candidates should show up April 15th at 10:30 p.m. in the Y Lounge where the I. H. C. will interview and choose. If you cannot make it

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DIRTY DAVE'S latest attempt at removing the auto blockade from his Olive Walk office. Photo by Gruner.

Editorial

# Not Again!

Mandatory board contract has been quietly resuscitated by the administration. And while Dr. Brown thinks this is the "best" of all feasible plans, we believe that this move is a great blunder backwards for everyone.

Food is usually fiendishly expensive and of chronically poor quality under a mandatory board contract (ask any upperclassman, frosh). A very sizeable minority of students has explicitly indicated that such a contract is unacceptable.

Other versions of board contracts, mandatory and voluntary, are not satisfactory because of their complexity or their time/money requirements. They have justifiably been rejected by the administration.

But there is no reason that the present system (or non-system, as you prefer) cannot continue. The Housing Committee has declared the "current situation" unacceptable. Why? Most 18-year-olds are perfectly capable of feeding themselves and are proving it this year.

Although the contract decision seems inescapable, we urge students to inform their parents of this action, and ask them to respond. Ultimately, they will pay the bill for board contract.

-SMC Sweeney  
R. Gruner

Throop Beat

## TP&WW Starts April 15

by George Harf

Remember that giant dust bowl now acting as an access ramp to Millikan? Well, construction of the Throop Pond & Water Works is scheduled for April 15. Bids are still being considered for the site, and there may be a slight hitch if none of them fall within the allotted money. David Dunham, Tech's construction manager, hopes to start the preliminary work that Monday anyway, in the expectation that modifications on the pools (if necessary) will be ready when that phase of the project begins. Fear not, the result will be the same as originally planned.

The Millikan and Keith Spalding fountains have been shut down because of an ordinance banning such activities during the energy shortage. The Throop ponds will have an ecosystem, though, which more or less exempts it. The system has been

designed as efficiently as possible to go along with the campus conservation program.

Estimated delivery date for TP&WW is 3 1/2 to 4 months after construction starts—completion looks good for sometime in August. Watch for the First Throop Pond and Water Works Picnic and Kite-Flying Contest to be held on location September 30.

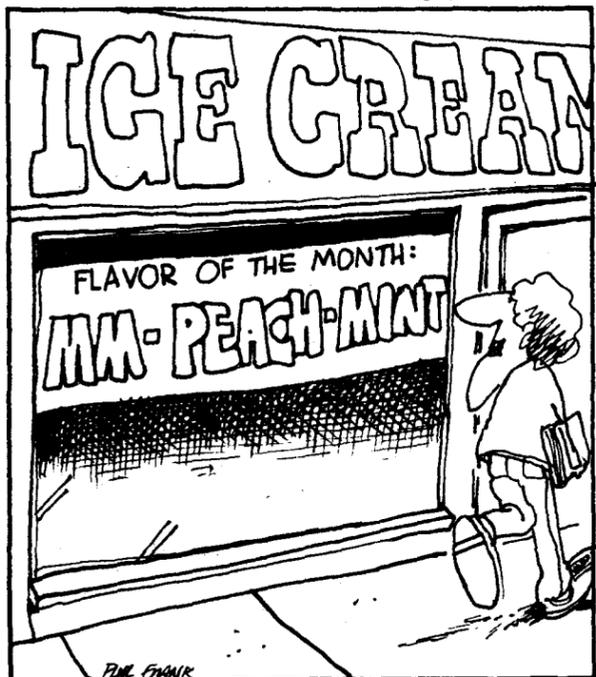
### 75'ers Get A Break

Students who were juniors or seniors at the beginning of the present academic year will have their choice of which Institute HSS requirement to fulfill, according to Dr. Huttenback. Sophomores and freshmen must satisfy the requirements listed in this year's catalog, which includes those 27 units of "social science" courses.

The Beckmans Behavioral Biology pond will go into operation in the next month.

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### FRANKLY SPEAKING... by phil frank



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## FORUM

Am in receipt this date of Tech v75 no. 19 (1 March 1974) containing Interview of the Decade with your Mr. W. Congratulations on your valiant efforts at organized anarchy, militant apathy, and forthright vagueness of purpose. I salute your daring to drop "nonviolent" from your group's name. I agree that Tech's connection with the oil industry requires explanation. And it is clearly time — or almost time, we don't want to be premature — to do something about the recently imminent destruction of Culbertson, and even, looking to the future, of Throop.

But I feel I must urge upon you good people that care and precision of language which, though scorned by academics and liberals generally, marks the truly

revolutionary revolutionary. Specifically, I feel you have lapsed in the phrase "that dumb, oversexed broad."

"Broad" (n.2. (Slang), a woman or girl: a vulgar term — Webster's New World) is correct if unnecessarily vulgar; "dumb" (which I believe inaccurate) is downright offensive; but that's all your business. It is after all, a riot committee's business to make enemies, and I don't presume to tell you how to go about it.

I do, however, take issue with "oversexed." Though Ms. M. and I have never been intimate (to spare her the acute embarrassment this revelation would otherwise cause, I have withheld my name) we do know each other socially; and I insist that, if ever by word, deed, or manner she has been what I would, in an ordinarily non-psychotomimetic state, call sexy, then she has done so under decently private

circumstances. There is, it is true; a marked tendency for others, in the presence of Liz, to go to an excited state, exothermically, to turn, as it were, to thoughts of love. This you will have observed. But this property (universally attracting property in the category of pointed spaces?) is not described by the modifier "oversexed." The word you were looking for is probably "catalytic."

We must all try to remember that the anatomic curiosities of a human body are not, generally, the responsibility of its inhabitant, and that Ms. M's catalytic property has probably already brought her all the congratulations, condolences and other comment she is likely to need for the foreseeable future.

Keep correct thought ever uppermost in your mind.

-Name Withheld  
by Request

### ASCIT of O'Malley

## McLeod Suggests ASCIT Bonuses

by Dick O'Malley

The new ASCIT Excom was approved Wednesday afternoon by the Board of Directors. It will consist of Jill Bechtold (Ru); Chris Harcourt (Ri); Greg Hoit (Pa); Liz McLeod (Da); Dennis Mallonee (Pa); Ryn Miake (Ri); Art Moore (Pa); Ann Orel (Ru); and Steve Sweeney (Da). Dave Drake, the chairman of last year's Executive Committee, stated that he felt that the Excom would be even better this year than it was during his tenure.

ASCIT President, Liz McLeod, presented a report on various problems and considerations that should be handled over the next year. Primary emphasis was placed on providing services and advantages to ASCIT members, improving relations between students and administration, and various internal difficulties.

### The Straight Poop

The Red Cross Blood Drive is coming up again this year, and Directors-at-Large Pietrasz and Beatty will be coordinating publicity and organization. Article(s) about the drive will be appearing in future issues of the Tech.

Applications should be gotten to your house president or the IHC Chairman if you would like to be the student representative on one (or more) of the various faculty standing committees.

The Teaching Quality Feedback Report for this year has already been organized. Jon Teich, the Director for Academic Affairs, says that the group is ahead of schedule and hopes to have the work done just before or after midterms.

An ASCIT Directory is being planned and will be issued after most of the third term room shuffles are finished.

### Be an Officer

The major problem immediately facing ASCIT seems to be that the three minor committees are not functioning. House reps to the ASCIT Social and Athletic Committees and the E.P.C. will be appointed (possibly by house elections) sometime during this term. Information about the house reps should have gotten to the various presidents before this article appears. Additional positions at-large are open on the E.P.C.; written applications can

be given to Jon Teich or the ASCIT Secretary (Dennis Mallonee).

There are other appointed offices that have to be filled as well. Anyone interested in being *The Big T* Business Manager or Editor, *The California Tech* Business Manager, Coffeehouse Manager, E.P.C. rep-at-large, Election Chairman, *little t* Business Manager or Editor, Publications Darkroom Chairman, or *Totem* Business Manager should put his name on the sign-up sheet on Flora's door in Winnett.

## The CALIFORNIA Tech

Friday, April 5, 1974

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### THE ASCIT FRIDAY NIGHT MOVIE

## Dirty Harry

at 7:30 and 9:30 p.m.  
in Baxter Lecture Hall

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

### TERM SCHEDULE

4/12 MacKenna's Gold	5/17 Tora! Tora! Tora!
4/19 Gold Raiders	5/24 ?
W. C. Fields #82	5/31 ?
4/26 Green Berets	6/7 There's a Girl in My Soup
5/3 ?	
5/10 What's Up Doc?	

### OCRC's New Hot Comb Adorns Winnett Plaza

by O'Crick

The Winnett Plaza fire hydrant, located just behind the News Clipping Board, has been declared a People's Sculpture by the OCRC, the *Tech* learned Wednesday. The difference between the People's Sculpture and the other two sculptures in the area, claims the OCRC, is the cost and the method of production.

"The other two sculptures in the area cost absurd amounts of money," argues OCRC President, Madam R. "Their so-called value is based on pure fantasy, fabricated by greedy capitalist speculators. These sculptures are about as useful as hot combs, and were a waste of human time

### Techies

it's that time again!  
(folks)  
REGISTRATION

and energy to produce."

On the other hand, she pointed out that the fire hydrant was "built by the people for the use of the people. It is a practical and functional, as well as an aesthetically pleasing, object. It is with the addition of this new art piece that the Caltech Sculpture Garden truly begins to take form."

The money for the new sculpture was donated by Mrs. A. R. Stone of Pasadena. The artist is unknown.



### R Is For Rocket

### Goddard Essay Contest Opens

The National Space Club announces the opening of the Robert H. Goddard Historical Essay Award competition for 1974. This annual nationwide competition, with a \$500 prize, is open to any U. S. citizen.

The contest is named in honor of the world rocket pioneer, Dr. Robert H. Goddard, whose scientific and technological contributions—although belatedly recognized in the United States—helped open the door to space. Winners in the 1973 competition were: Dr. Norris S. Hetherington, Kansas University, Lawrence, Kansas, "Winning the Initiative: NASA and the U.S. Space Science Program, 1958-1960," and Dr. James A. Malloy, Jr., American University, Washington, D.C., "The Dryden-Blagonravov Era of Space Cooperation, 1962-1965." Honorable Mentions were: P. Thomas Car-

roll, University of Pennsylvania, Philadelphia, "Historical Origins of the Sergeant Missile Powerplant" and Dr. Friedwardt Winterberg, Black Springs, Nevada, "Hermann Ganswindt: Forgotten First Space Flight Pioneer."

Essays may treat with any significant aspects of the historical development of rocketry and astronautics and will be judged on their originality and scholarship. They may bring new information to light or may cast a new and different light upon events or individuals influencing rocketry and astronautics in the United States. Entries should be submitted by November 1, 1974 to the Goddard Historical Essay Contest, c/o National Space Club, 1629 K Street, N.W., Washington, D.C. 20006. The winner, who will be announced at the Awards Ceremony in early 1975, will receive the Goddard Historical Essay Trophy, Certificate and a \$500 prize.

The Robert H. Goddard Historical Essay Award was the first literary competition devoted to historical affairs in the field of rocketry and astronautics.

The NSC's Committee for the History of Rocketry and Astronautics, whose members serve as

judges for the contest are: Dr. Eugene M. Emme, Chairman, NASA Historian; Dr. Thomas Belden, the USAF Historian; Frederick C. Durant, III, Assistant Director, National Air and Space Museum, Smithsonian Institution; James M. Grimwood, Historian, NASA Manned Spacecraft Center, Houston, Texas; Dr. Paul A. Garber, Curator, National Air and Space Museum, Smithsonian Institution; Professor Melvin Kranzberg of the Georgia Institute of Technology; and Dr. Charles S. Sheldon, II, Legislative Reference, Library of Congress. The purpose of this committee is to promote, encourage, and to otherwise stimulate the documentation, analysis, and publication of the history of rocketry and astronautics, bringing to light the scientific, technological, organizational, and human aspects of significant developments and their impact on society.

#### RULES OF THE CONTEST

1. Essays should not exceed 5,000 words and should be fully documented.
  2. Essays will be judged on originality and scholarship by the Committee for the History of Rocketry and Astronautics of the National Space Club, and its decision will be final.
  3. Essays should be received by the Chairman, Committee for the History of Rocketry and Astronautics, by November 1, 1974; the winner, if one is selected, will be announced early in 1975.
  4. Entries may be submitted by any U.S. citizen, and evidence of citizenship should be included with essays submitted.
  5. The name of the competitor shall not appear on the essay, and each essay must have a motto selected by the author in addition to the title. This motto shall appear in three places: a) on the title page of the essay, b) on the outside of a sealed envelope containing the identification of the author, and c) above the name and address of the competitor inside the envelope containing this identification. The envelope identifying the author will not be opened until the Committee has made the winning selection.
  6. Essays and identifying envelopes must be postmarked before November 1, 1974, and mailed in a large sealed envelope marked "Goddard Historical Essay Contest."
  7. Essays must be typewritten, legible, double-spaced, on paper approximately 8½ by 11, and must be submitted in duplicate, each copy complete in itself.
  8. Essays remain the property of the authors, although the National Space Club retains the right to publish and distribute winning essays.
- Prize: Trophy of the Dr. Robert H. Goddard Historical Essay Award, a \$500 Honorarium, and National Space Club Certificate.

### Wanted: Oddballs



### Reward: Century City's OddBall Olympics

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WHERE IN THE... All events will be held in Century City at the Century Square Shopping Center and the ABC Entertainment Center.

WHEN IN THE... April 27-May 5.

HOW IN THE... phone 553-3258 and ask for an oddball. We'll give you all the information and send you an official entry form. And remember, everything's free!

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by Marc Donner

Welcome to third term and the wonderful home stretch. The middle of the month of May marks the end of the Beckman-Ramo season and so the next six weeks or so will be your last opportunities this academic year to partake of any of the marvelous things the OPE people have been bringing to you. The first of this series of entertaining events is the *Carnival de Mexico* which will be performing tomorrow in Beckman Auditorium at 8:00 p.m. The matinee originally scheduled for tomorrow afternoon had to be canceled due to scheduling difficulties. The *Carnival* has been fascinating audiences throughout the country with many exciting acts like a family of rope-spinners, acrobats, jugglers, a famous skating duo, and a montage of Mexican singers, dancers, and a mariachi orchestra. Tickets are \$6, \$5, and \$4 with special discounts for Techers, faculty and staff. At the ticket office or call 793-7043.

Next Monday, April 8, the Caltech Lecture Series will continue with George W. Housner speaking in Beckman at 8:00 p.m. The title of Dr. Housner's lecture will be *Coping with Natural Disasters*. This one sounds like a good prospect for some interesting information and possibly some gory slides. Free.

The Charlie Chaplin film festival will present its second and third installments (if you missed the first installment two days ago, too bad!) next Wednesday (April 10) and the Wednesday after (April 17). The first of those will be Chaplin's classic *Modern Times* with Paulette Goddard. This 1936 comedy made itself famous with its satire

of the mechanization of our society. Tickets are one dollar (\$1) to Caltech students. The following week's movie will be *The Great Dictator*. In this 1940 hilarity Chaplin played the dictator of Tomania, Adenoid Hynkel. With Paulette Goddard and Jack Okie (why not Ed Okie or Bob "Love-Man" Okie?). Tickets also \$1. Show starts at 8:00 p.m. and further information at the OPE (793-7043).

Remember also that the ASCIT musical, (Kiss my ASCIT or Hugg me Kate) will be playing in Ramo Auditorium Friday, April 19 and Saturday, April 20. ASCIT members \$1.

**Centennial for P.C.C.?**

There are two performances remaining of P.C.C.'s centennial commemorative musical, *Man of La Mancha*. This marvelous musical of Cervantes' mystical, insane knight-errant should be quite worth seeing. Tickets available at the PCC bank or by calling 578-7336 for reservations. All seats reserved and tickets cost \$2.50.

The Los Angeles Film Exposition will be showing all (ALL) of Sergei Bondarchuk's seven hour film of Tolstoy's *War and Peace* in the original uncut Russian version with English subtitles. The screening will be at the Paramount Theater in Hollywood. Parts I and II will be shown at 2:00 p.m. with a break for dinner before the third and fourth parts at 7:00 p.m. For more information call 463-3263.

At the Ice House this weekend is Gabriel Kaplan, a fine comedian in a return to the Ice House after previous successes. He has just finished a new record and

Continued on Page Eleven

Audience

# Hamlet Walks the Taper Stage

by Etaoin Schroedlu

By this time everyone who is likely to be interested probably knows that the Mark Taper Forum at the L.A. Music Center is presenting *Hamlet*; probably by this time most of the area's Shakespeare aficionados have been there to see it, or read other reviews (some of which were negative), but for what it is worth, here is one opinion for a job well done.

One of the most interesting innovations (reinnovations?) of modern theatre is the thrust stage, enabling the creative director to dispense with curtains and maintain a flow which somehow seems more in keeping with the dramatic vehicle than incessant curtain business. Many small theatres are now using the thrust, or at least semi-thrust state — the Vivian Beaumont, Lincoln Center's equivalent to the Taper, for one — and with it seems to have come a revolution in both staging and sets. Peter Wexler's bare, rude set of wood assaults the eye with simplicity, congruent to Lalo Schifrin's score, and the patron prepares for an evening of slightly different Shakespeare.

**Ghosts & Dry Ice**

The ghost walks, with the aid of a trap-door, his insubstantiality apparently allowing hovering above the audience — and competing but weakly with the walking of the tardy patrons. (A no-seating-until-intermission policy would be a hardship on the area's all-too-few patrons of the theater, especially in a play as long as *Hamlet*, but if Shakespeare had intended the first twenty minutes of his masterpiece to be thrown away, he probably would have written a five hundred line prologue.)

We proceed to the revels of the court, and Hamlet's entrance. Stacy Keach comes across well, and Claudius and Gertrude (Harris Yulin and Salome Jens) perform the royal couple acceptably, although little enough is made of the Kingship of Denmark that you wonder why anyone would murder for it. The audience approved the humor scenes, Polonius, the gravediggers, and Osric. The tragedy winds along to its bloody conclusion, with most of the performers managing to bring across the difficult but staggering insights of what many consider the greatest play ever written.

**Have a Precept**

The performance was not without weaknesses. Polonius comported himself with such buffoonery, and was mocked sufficiently by the rest of the cast (especially Claudius and Laertes), as to establish great rapport with the audience while

alive, but to leave it a puzzle why Laertes and Ophelia should have grieved so much after his death. I don't think that either Laertes (Peter Nyberg) or Ophelia (Kitty Winn) will endure with the best performers of their parts. Some other weaknesses there were too, but overall the performance does well enough not to shame the material, and in this case, that is praise indeed.

Also playing at the Music Center are Jean Stapleton in *The Time of the Cuckoo*, at the Ahmanson through May 11, and, as usual, various performances of the Los Angeles Philharmonic, with Zubin Mehta, at the Dorothy Chandler Pavilion. There are also various improvisational theater activities at the Forum. Musical show fans may be interested to hear that *The King and I*, with Sally Ann Howes and Ricardo Montalban, will be at the Pavilion April 30 through June 22.

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**The Electronic Invasion**

# Big Brother Is Bits

by R. Gruner

The computer program to monitor students' fulfillment of freshman course requirements mentioned in the last edition of *The Tech* is not as yet existant. Dr. Floyd Humphrey, chairman of the Curriculum Committee, denied the rumor that such a program was now being implemented by the registrar's office. According to Dr. Humphrey, however, the Curriculum Committee has recently become concerned by the large number of Seniors petitioning for a waiver of the freshman lab requirements

and consequently may soon recommend that such a program be written to insure that students gain basic laboratory experience as a freshman.

Dr. Humphrey also stated that the Curriculum Committee is presently concerned about seniors who are attempting to take an underload of courses. The committee feels that these students are missing a valuable opportunity to broaden their academic backgrounds by not taking a full schedule of courses in their Senior year.

**Diana As Helena**

# Shakespeare Festival

by Etaoin Schroedlu

Diana Rigg fans, please take note! This weekend the famous 1968 film version of William Shakespeare's *A Midsummer Night's Dream*, starring Ms. Rigg, will be presented as part of the William Shakespeare Film Festival, by the Royal Theater on 11523 Santa Monica Blvd. in West Los Angeles (take Pasadena Freeway to Santa Monica Freeway west, get on San Diego Freeway north and get off at Santa Monica Blvd. westbound). The showings are at 11:00 a.m., Saturday, April 6, and Sunday, April 7. The *Dream* cast also includes David Warner, Paul Rogers, and Bill Travers, and was directed by Peter Hall. Tickets are \$2 at the door.

For those of you who are interested in Shakespeare, too, the remaining films in the series this year are available closer to home, at the Esquire Theater, 2670 E. Colorado Blvd. in Pasadena:

*Falstaff* ("Chimes at

*Midnight*") (don't ask me, I don't know what it is), with Orson Welles, Jeanne Moreau, John Gielgud and Margaret Rutherford, April 6 and 7.

The famous Olivier *Hamlet*, also with Jean Simmons and Felix Aylmer, April 20 and 21.

*Othello*, with Olivier, Maggie Smith, and Frank Finley, April 27 and 28.

The peculiar and experimental *King Lear* with Paul Scofield, May 4 and 5.

*Macbeth*, with Maurice Evans and Judith Anderson, May 11 and 12.

All the above are shown at 11:00 a.m. on the days listed, admission \$2.00, and most are extremely well worth it.

For anyone who can't get to one of the showings above but just doesn't want to miss out, each of the above films will be screened at the Royal the week after the above given dates for each film (except the Falstaff thing is two weeks later), with the same curtain time and price.

# Libertarians Host Dinner Speaker on Tax Reform

by Greg Simay

Robert Lyon, newspaper publisher and gadfly of government tax agents, addressed the Libertarian Forum during their dinner meeting Tuesday. Lyon related his efforts to awaken the public to government infringements of human rights, especially in the area of taxation.

"I believe the best defense against taxation is a good offense," asserted Lyon. To this end, he has organized modern-day Boston Tea Parties, lecture programs, and has been a *plaintiff* in legal battles with the government.

The Libertarian Forum is an ASCIT-recognized supper club, meeting every other Tuesday in the Athenaeum. Its purpose is to explore the problems and consequences of libertarianism, a political philosophy of extremely limited government (or even anarchy). The Forum features guest speakers in economics, ethics, philosophy, politics, and psychology.

For further information, you can contact Karl Blasius (062 Arms) or Greg Simay (210 Ruddock).



# Clinic Needs Help

Have your cake and eat it too! Each Saturday evening in April, beginning tomorrow, you will have the opportunity to enjoy yourself at the movies, and at the same time help out the Foothill Free Clinic. Cinematech is presenting a series of Humphrey Bogart and Marilyn Monroe films with all proceeds going to help alleviate the desperate financial situation of the Clinic.

In case you're not familiar with the beneficiary: the Foothill Free Clinic was originated in 1968 to deal with the problems of those in the counterculture, providing free medical and legal assistance and services; it has since expanded to embrace the needs of the total community. The Clinic, however, is running out of money, with few prospects for future funding.

Tomorrow night, your \$1.50 contribution will let you see *The Maltese Falcon*, the private-eye film which really established Bogart's reputation, and *Key Largo*, in which Bogie ends the career of a racketeer (Edward G. Robinson) hiding in the Caribbean. In following weeks you will be able to see Bogart in *To Have and Have Not* and *The Big Sleep*; Marilyn Monroe's comedy

and sex kidding in *Some Like It Hot* and *The Seven Year Itch*; and her more serious roles in *The Misfits* and *The Asphalt Jungle*. Rumor has it that *Casablanca* might also be screened some afternoon.

All shows begin at 8:00 p.m. in Baxter Lecture Hall and will include Betty Boop cartoons.



# Terrible Test

Continued from Page One

Harvard, and Princeton, respectively. In the 34 years of the competition, Caltech is the second school to win three years in a row. Harvard is the other, having won in 1955-57. Coach of the Caltech team is Dr. Gary Lorden, associate professor of mathematics.

The examination consisted of 12 problems selected by a committee of mathematicians to test ingenuity. Although the problems do not require the most advanced mathematical knowledge, they are quite difficult even for professional mathematicians, Dr. Lorden said.

Only 15 of the 2,000 contestants scored better than 50 percent. Three were from Caltech.

$$E e^{-E/kT}$$

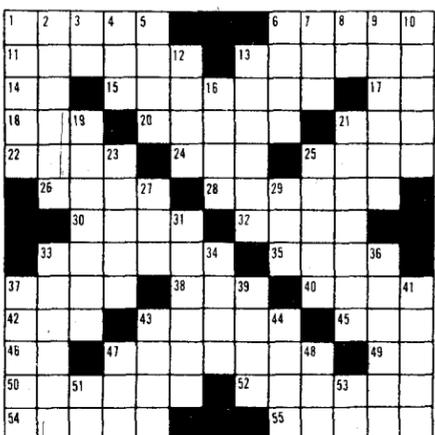
# crossword puzzle

Answer to Puzzle No. 145

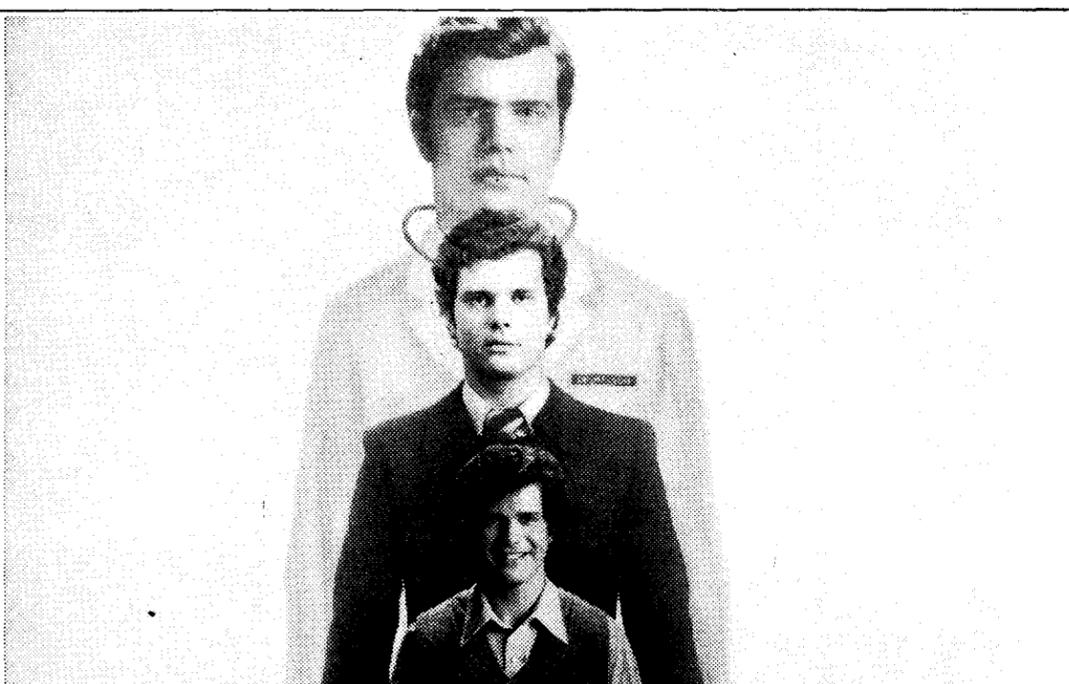
- ACROSS
- 1 Luster
- 6 Type of lyric poem
- 11 Mythology: God of the winds
- 13 Myth: female warrior
- 14 Suffix: having to do with
- 15 Myth: foster father of Bacchus
- 17 -- Everest
- 18 Payable
- 20 Anklebone
- 21 -- for the course
- 22 Border upon
- 24 Gibraltar, for short
- 25 A French cheese
- 26 Tiny particle
- 28 Remove gasoline through a hose
- 30 Euphemistic oath
- 32 Part of a chair
- 33 Myth: Muse of astronomy
- 35 Koko's weapon
- 37 Amperes (ab.)
- 38 Route (ab.)
- 40 -- or butter
- 42 Spanish cheer
- 43 The Third
- 45 -- Bernardino
- 46 Rear Artillery (ab.)
- 47 Myth: God of wine and revelry
- 49 University degree (ab.)
- 50 Uproar

refuse  
13 Myth: Egyptian god who led the dead to judgment  
16 Division of ancient Greece  
19 Myth: muse of music  
21 Myth: Sea god who could change his own form at will  
23 Roman robes  
25 Indian hemp plant  
27 Homo sapiens  
29 Foot (Lat.)  
32 Conduct  
33 German dialectical mark  
34 Suffix: of the kind of  
36 Glossy coating  
37 Large artery  
39 Myth: Nymph who pined away for love of Narcissus  
41 Tangle  
43 Death rattle  
44 Old, dismantled ship  
47 Small roll  
48 Transgression  
51 State (ab.)  
53 May 8, 1945: -- Day

JUG AGILE BBC  
UFO LABOR OEO  
TAYLOR COOPER  
ITIS SX  
LAMB BAA INCH  
ILL FACSIMILE  
LI YUL SHE IL  
ACCORDION AMI  
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NM NIKE  
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\*Veterinary not available in Navy Program.

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# BECKMAN – RAMO

## Third Term Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	April 1	2 Modern Jazz Quartet B 8:00	3 Chaplin—City Lights B 8:00	4 Linus Pauling R 8:00	5	6 Carnival de Mexico B 8:00
April 7	8 Watson Lecture George Housner B 8:00	9	10 Chaplin—Modern Times B 8:00	11	12	13
April 14	15	16	17 Chaplin—The Great Dictator B 8:00	18	19 Kiss Me Kate R 8:00	20 Kiss Me Kate R 8:00 Misha Dichter B 8:00
April 21 New York String Sextet B 3:30	22 Watson Lecture Amnon Yariv B 8:00	23	24 Chaplin—Monsieur Verdoux B 8:00	25	26	27 Children's Series Magic Theatre II B 11:00, 2:00
28 Coleman Audition Winners Concert R 3:30	29	30 Burgess Lecture Lilian Katz B 8:00	May 1 Chaplin—Limelight B 8:00	2	3	4 Hunter Mead Wind Concert R 8:00
May 5	6	7	8	9	10	11 Marni Nixon, soprano B 8:00
<b>MIDTERMS</b>						
May 12	13 Watson Lecture Bruce Murray B 8:00	14	15	16	17 Glee Club Spring Jubilee B 8:00	18 Alumni Day Glee Club Spring Jubilee B 8:00
May 19	20	21	22	23	24	25 The Romeros B 8:00
May 26	27 Memorial Day	28	29	30	31	June 1
June 2	3	4	5	6	7	8
<b>SENIOR FINALS</b>						
June 9	10	11	12	13	14	15 Commencement 10:30 a.m. Court of Man Free
<b>FINALS</b>						

**Carnival de Mexico**

Direct from Mexico City. A colorful spectacular with large cast of singers, dancers, musicians, and variety acts.  
April 6

**NY String Sextet**

A Coleman Chamber Concert  
April 21

**Watson Series**

*Mercury*  
April 8 – George Housner  
Coping with Natural Disasters  
April 22 – Amnon Yariv  
Optical Communication  
May 13 – Bruce Murray  
Planet Mercury:  
First Impression

**Chaplin**

April 3 – City Lights  
Chaplin's sublime comedy masterpiece  
April 10 – Modern Times  
with Paulette Goddard. His satire of our mechanized society.  
April 17 – The Great Dictator  
His greatest role as Adenoid Hynkel, dictator.  
April 24 – Monsieur Verdoux  
A comedy of murders.  
May 1 – Limelight  
Portrait of a music hall comic. Winner of 1972 Oscar for best musical score.

**Burgess Lecture**

Pacific Oaks College and Children's School present the Evangeline Burgess Memorial Lecture with Lilian G. Katz, PhD speaking on The Nature of Teachers of the Young  
April 30

**Romeros**

Spain's First Family of the Guitar: Celedonio and his sons, Celin, Pepe and Angel  
May 25

**Kiss Me Kate**

ASCIT is going all out this year with its annual musical. GET YOUR TICKETS NOW! They're going fast.  
April 19, 20

**Children's Series**

The SUNDAY FUNNIES and MAGIC THEATRE II with the South Coast Repertory Theatre  
April 27

**Marni Nixon**

Come and hear a fabulous singer, famous for her "ghost" voice. She will sing light opera and film favorites  
May 11

**Spring Jubilee**

If you enjoyed the Festival of Light, you will love the Spring Jubilee. An all new program of folk music and dancing.  
May 17, 18

**Misha Dichter**

This talented pianist will play a program of five Beethoven sonatas  
April 20

B – Beckman

R – Ramo

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# AW KISS HIM KATE

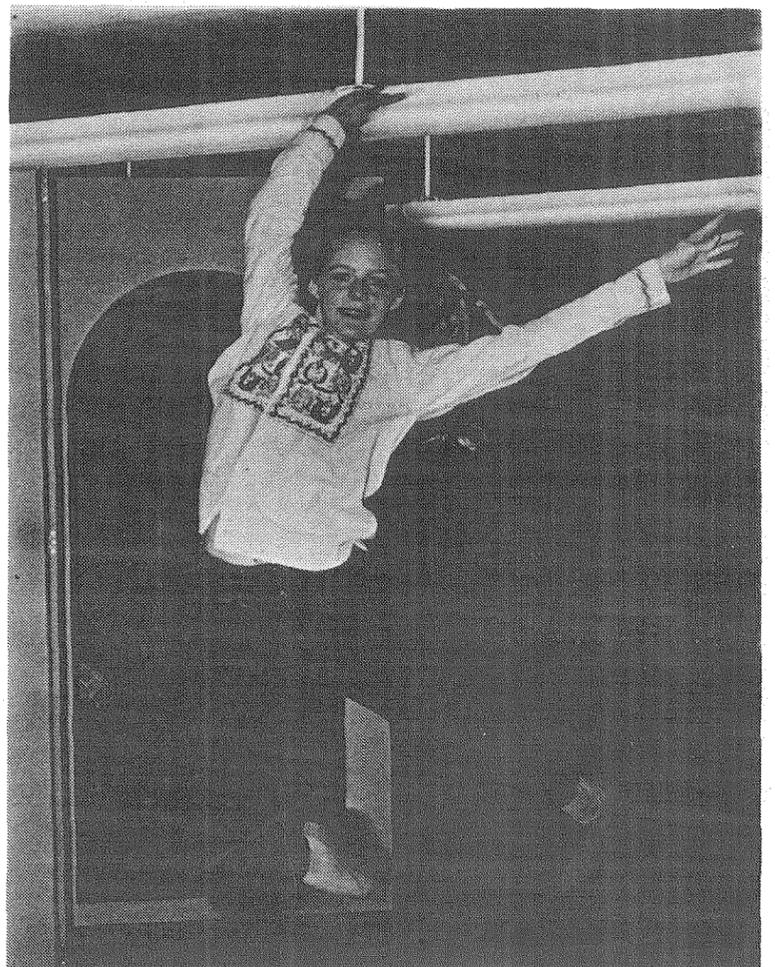


The ASCIT Musical

*Kiss Me Kate*

April 19 and 20

RAMO AUDITORIUM



Photos by R. GRUNER

Aw, Kiss Her Greg

# Greg's Descriptive Anatomy

by Greg Simay

Another op'nin', another show, a chance for stage folks to say "hello." Another job that you hope at last will make your future forget your past. Another pain where the ulcers grow, another op'nin' of another show

Yes, folks, the 1974 ASCIT Musical lives! *Kiss Me Kate* with music and lyrics by Cole Porter, will romp in Ramo Auditorium Friday and Saturday, April 19 and 20, at 8:00 p.m.

*Kate* involves members of the entire Caltech community—faculty, employees, graduate and undergraduate students—and Oxy students who work on the staff as well as the cast and orchestra.

Merry, melodious and unusually witty, *Kate* is known for such superb numbers as "Why Can't You Behave," "Wunderbar," "So In Love," "Always True To You Darling (In My Fashion)" and "Too Darn Hot." A play within a play, *Kate* alternates between Elizabethan jests and 20th century sophistication with style, color, and originality. The char-

acters, who belong to an acting troupe in Baltimore, undergo similar conflicts in "real life" as they play their roles in *Taming of the Shrew*.

Four weeks you rehearse and rehearse, three weeks and it couldn't be worse ...

How do people get sucked into a musical? First you need a turkey who proclaims, "I am the producer!" Then he gathers eight or nine people who are even more turkey than he is. Now he has a staff. Finally, they draw in fifty unfortunates who are turki-est of all: They form the cast, orchestra, and technical staff.

Seriously, even the longest rehearsals are laced with fun. The first rehearsal of third term, for example, is always, always marked by profound amnesia and dawning panic. But everyone quickly recovers and, as the rehearsals continue, people begin to say, "Hey, we might just have a show."

One week, will it ever be right?...

The week before the performance is the most hectic of all.

Marathon technical rehearsals, frantic makeup sessions, dress rehearsals, final pep talks,...

Then out of the hat it's that big first night! The overture is about to start. You cross your fingers and hold your heart. It's curtain time and away we go. Another op'nin' of another show!

Performance time!—and if previous musicals are any guide, the cast and orchestra will face enthusiastic SRO crowds. In their applause and obvious enjoyment, you will find the reason why so many people were willing to invest all the hours, all the planning all the practice: the joy of entertaining people.

The pleasure of knowing much of the audience are friends, faculty, Techers. The satisfaction of dealing another blow to the stereotype of the mad scientist, shy bookworm, and lonely nights with a slide rule (or HP-45).

But how can musicals happen in a place like Tech?

As a group, scientists and engineers have a much stronger interest in music than the general populace (look at the close and growing relationship between electronics and music as one possible reason for this).

Most important, though, is the fact that we can draw out people from the established musical organizations on campus. The Men's Glee Club and the Women's Glee Club encourage and develop Techers' vocal abilities. When they participate in concert programs, they acquire a feel for proper showmanship and audience reactions. It is no surprise, then, that much of the cast belongs to either Men's or Women's Glee Club.

The various instrumental groups on campus provide a known pool of talent for the orchestra.

Every year, moreover, participants from the Caltech staff prove with a vengeance that talent is not confined to the students. The stage director and all of the female principals are staff, for example. There is an added bonus: students have a special opportunity to appreciate the Caltech staff as an important part of campus life. It can help him or her overcome shyness if he or she is shy. It can help the student appreciate feminine or masculine grace (as in singing and dancing).

It can give him or her a feeling of immediate accomplishment to complement his or her long-range goals in his or her option. It can strengthen an interest in music and drama to complement a student's career in science or engineering.

Finally, because the musical does depend on a high degree of organization for its success, the students involved in it tend to become more organized themselves!

No article, though, can fully communicate why the ASCIT Musical has been a source of pleasure and enjoyment to all who are involved in it. So come to Ramo on the 19th or 20th of April and enjoy for yourself!

The overture is about to start. You cross your fingers and hold your heart. It's curtain time and away we go: Another op'nin' of another show!

Recent ASCIT Musicals

- The Castle* (1968)
- Threepenny Opera* (1969)
- HMS Pinafore* (1972)
- Pirates of Penzance* (1973)

## Food Service

Continued from Page One

kitchen facilities, at a cost of a quarter million dollars just for Ricketts and Dabney.

The voluntary board contract might please most of the residents, but not the food service companies. They won't sign a contract based on 300 people if there's a chance that only 200 will sign up for second term. If this happens, they will give their thirty day notice and pull out. It would be unlikely that a new contract could be obtained before service had lapsed.

In talking about the possibility of letting the South Houses have access to the old kitchen complex, Dr. Smith offered the following comments: first, that no house is likely to be capable of handling the details of hiring their own staff (taxes and workman's compensation, for example), and second that the old complex had been closed for the reason that its renovation had been deemed too expensive to carry out. Once again, a large outlay of Institute cash would be needed—money that could better be used for something else.

It was for these reasons that

when Dr. Smith presented the committee's findings to Harold Brown the decision was made to go ahead with a mandatory board contract. With the financial problems, nothing else could even be ready by October.

At this time, the Institute is soliciting bids from food service companies to take on the board contract for next year. Bids will be coming in for the next few weeks, and the exact details should be made known before the end of this term.

Dr. Smith commented that for the most part, the students' gripes and proposals have suffered from two faults: The students aren't willing to compromise or accept gradual change, and that while the solutions may be acceptable for the time being, they will not be good in the long run. He used the example of having a kitchen where you can fix your dinner, but still having to eat in your room and have dirty dishes stacked up on your desk.

When asked if he anticipated any long-term effects on the houses if the board contract were permanently laid to rest, Dr. Smith offered little comment. He merely stated that he would expect radical changes in the house system.

"Less Restrictive"

The contract which is now being negotiated, will be less restrictive than the contracts of past years. It will only apply to weekday lunch and dinner, so

Continued on Page Eleven



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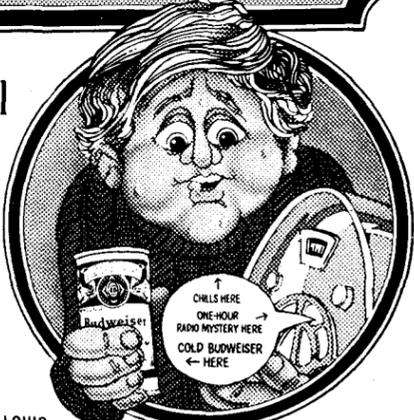
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Food to Go

# Is That Major In The Window?

by Dick O'Malley

The dust had hardly settled when Major Be-Zonk realized that he had been trapped by the ShortEE division of the TurKEE Corps. Yet there they were, scattered before him like shrimp in a fish factory.

The head ShortEE, the incredible shrinking Noseycough, walked up, waved what appeared to be a blue box in front of Be-Zonk's kneecap, and squeaked: "Ho-ho, Major. You have been trapped by this hologram I projected through this tiny gap in the doorjamb!" The infinitesimally small creature pressed a button on the box and a life-like, three-dimensional image of the Rectilinear Grunge Monster appeared in the middle of the room.

The Major was astounded. "That's astounding! How do you do that without any receiving equipment of any kind?"

"Through the miracle of electronics," Noseycough replied. "At any rate, while you may be our prisoner, you're free to go any time you want, since we're certainly not capable of holding you here."

"I don't understand."  
"But we'd like to have the Tech Trio's help on a major problem," said a voice that seemed to be coming from Be-Zonk's shoulder.

"That's how we found out that you were coming over here to look for Grungo," explained Noseycough. "Spam found out that Feebly was going to resign as Photo Troll. She grabbed onto the back of Feebly's shirt, transferred to your cape as you brushed by, and radioed Schlep-

per that you were on your way over."

Major Be-Zonk looked, and found that there was, indeed, a ShortEE hanging from the corner of his cape. Her firm, young body struggled against the pull of gravity, her breasts rising and falling with the undulating rhythms which denote a strong physical exertion.

"If Spam doesn't stop straining and sweating like that, she's going to be wetter" said Schlep-

per. As Spam jumped to the floor, Major Be-Zonk realized that this wasn't going to be just another ordinary day in Looseleaf House.

### Time Marches On

As Major Be-Zonk followed the ShortEEs through the upstairs alley, trying desperately not to step on them, Noseycough explained their problem. "There's something gone wrong with the whirlcrazy that we installed last year - you may remember it."

"Yes, I think so. It was an anti-grav device invented by J. Amalfi Blush."

"Right. He wanted to hijack Matador College to Algeria, but Garble Tom convinced him to come to Cowtech ins... Watch out!!"

A swift, streaking object flashed by, clipping Major Be-Zonk on the nose. It was followed by the appearance of someone who looked as if he'd just stepped soaking wet out of a

Salem cigarette ad. "Oh! I'm terribly sorry," he pleaded, "it's supposed to go the other way when I push the lever on this gadget what's name slips my mind. TurKEE must have put the leads in backwards. Gotta go find him."

"The whirlcrazy device," Noseycough continued, started acting up this Friday, emitting strange radiations and making people do weird things. You may have noticed all the gliders (like the one that clipped you on the nose). Nederlanded figured that maybe the groinflexion frequency was too high, but he'd already gone crazy and eaten his computer the night before. Froobs and Schlockmeister figure that you're our best bet to fix the thing since you're already crazy anyway."

### Very Strange

There were, indeed, strange things happening at Cowtech, Major Be-Zonk realized. Could the whirlcrazy have been emitting radiations all year without anyone realizing it? These ShortEEs for instance; how could *anyone* be as short as Noseycough? And what about the Octagon? The mylar coatings that proliferated last first term? Mark Johnson? And the reinstatement of Food Service next year? Definitely food for thought.

The whirlcrazy system had been installed in the steam

tunnels, and fixed to look like part of the new electrical system that was put in when they tore down Droop Hall. There were very few people who knew where the several central locations actually were; luckily Schlep-

per was along. "Most of the central locations are spread out all over the campus. Some of them are only in one spot, though. Perchance told me that if one center is disconnected, the others will go out too. It's like Christmas lights. All you have to do is put one of them out."

"We didn't want to do that," Schlep-

per got off to a big lead in Discomboobolus. But when I tried lowering the groinplex I accidentally short-circuited some relays, dropped a screwdriver into the heat sink and demolished the amplifier. The depotorque circuits went on the fraz and set up a spacial field that reverses momentum instantly."

"But that would mean that nothing could possibly get at the whirlcrazy!" exclaimed Be-Zonk.

"That's right," said Schlep-

per. **TO BE CONTINUED**



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## Aero Club

## Picks Officers

At its Annual Meeting of members the following individuals were elected officers of the club: Edwin J. Sherry, President; Richard F. Lyon, Vice-President; Kay Brown, Secretary; William H. McCord, Treasurer; Steve Barker, Maintenance Director; Robert Parks, Flight Director.

During the discussion that followed the election, several members reminded the newly elected president that they would be leaving the club in the summer and moving on to different climes. Thus the departure of old friends signals the call for new members for the club. Membership is open to students, faculty and employees of Caltech. The club presently owns a Cessna-150 (N6643S) and a Cherokee-140 (N8810N) which are based at El Monte Airport. Both planes have relatively new engines and are maintained for IFR flying. Persons interested in joining the club or seeking information about the club should contact any of the new officers or Ed Sherry (JPL x 3915).



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**Our HP-35 is the other.** It handles 22 functions, has one Addressable Memory Register and also displays up to 10 digits in either fixed-decimal or scientific notation. It's the second most powerful pre-programmed pocket-sized scientific computer calculator.

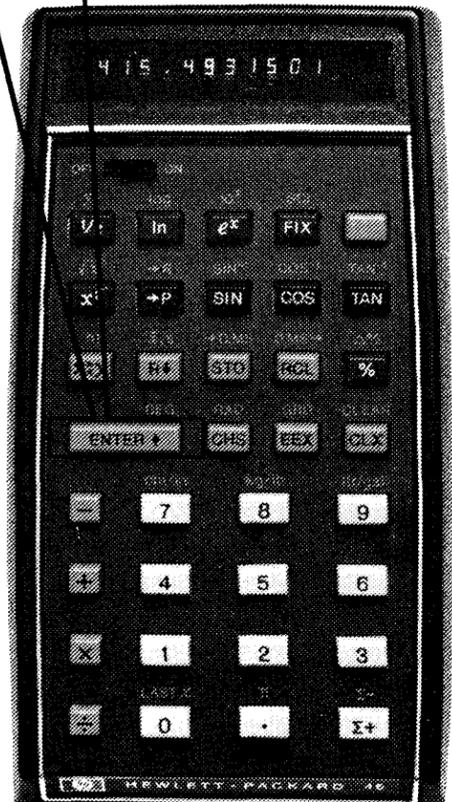
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614/09

Tech About Town

Continued from Page Four  
his shows this weekend should be among his finest. Also at the Ice House are (is) Grand Junction with some country, bluegrass and folk music for your enjoyment. Nansi Melvins rounds out the show this week with her melifluous vocals and piano magic. This show through April 7. The Ice House also seems to have been suffering (?) from a continuing invasion of young streakers on a daily basis. Bob Stane has even had some special T-shirts made up in an effort to rise to the challenge (though I'm sure he and his customers have no trouble in that area) and you are

likely to see an "ICE HOUSE STREAKING TEAM" shirt here and there.

Piano virtuoso Alfred Brendel will appear at Bridges Auditorium of the Claremont Colleges on Thursday, April 25, at 8:15 p.m. The Austrian-born pianist has performed to critical acclaim in London, Vienna, Athens, Salzburg and other musical capitals, and has toured South America, Africa, and Australia. He has made nearly 60 records, among them a six-volume, thirty-six side performance of Beethoven's entire works for the piano. Tickets are available at the box office and at Ticketron, Mutual and Liberty Agencies. For information call (714) 626-4523.

Bong! It's Ditch Day...

Will Seniors Show Bad Taste?

This year, the senior class is trying to get it together and give this beloved institution a class gift. Several ideas have been suggested, ranging from trees to clocks. A letter has been sent to the seniors to get an indication of their feelings.

The possibilities that are seriously being considered are four. We can put in a tree, for a cost

(purchase) or about \$100. A clock could be installed in Winnett student area for around \$200, if we could manage to mount it against a wall. A free-standing clock of any significant size costs more like \$500, so that is only a distant possibility.

More feasible would be the establishment of a garden some-

where along the new construction of the Throop site or San Pasqual. The landscape architects who are handling the construction have several suggestions for where to place such a garden. One of the better ideas was to plant an iris garden by the new street that will appear by the coffeehouse when the construction is completed. A fairly sizable garden could be made for \$200.

A very attractive possibility is the acquisition of a sculpture. The piece that is being considered consists of a light fountain, complete with an "environment" that will function as a bench, and hopefully be something the students will use and enjoy. The site envisioned for it is the Fleming-Ricketts courtyard. The artist wants to donate the work to Caltech and hopefully the class will agree to sponsor it. The investment for all of the mounting and preparation of the sculpture will be less than \$100, probably more like \$60-70.

If anyone has any more suggestions for excellent class gifts, please contact Dave Larwood, Ruddock.

The seniors will be asked to vote on the idea of having a class gift. If a majority approve, then each senior would be assessed \$1.00 on his term bill, unless one of the less expensive projects is approved, which would make the assessment only 50 or 75 cents.

News Briefs

Continued from Page One  
then or have further questions see Jim Kleckner (Ruddock) or Joe Carlson (O. C. Dabney).

Transcendental Lectures

The Students' International Meditation Society meets every Tuesday at noon in Baxter 134 for group meditation and advanced lectures. All those currently practicing TM are cordially invited (no charge). If you would like to find out more about TM, our next introductory lecture (also free) will be given in the Winnett Lounge at 7:30 p.m. on Thursday, April 18. For further information, contact Gary Bedrosian at 796-9746.

Eight

No Trump  
Bridge Tournament in Clubroom One Saturday at 7:30 p.m. No experience is necessary.

Student Shop Meeting Saturday

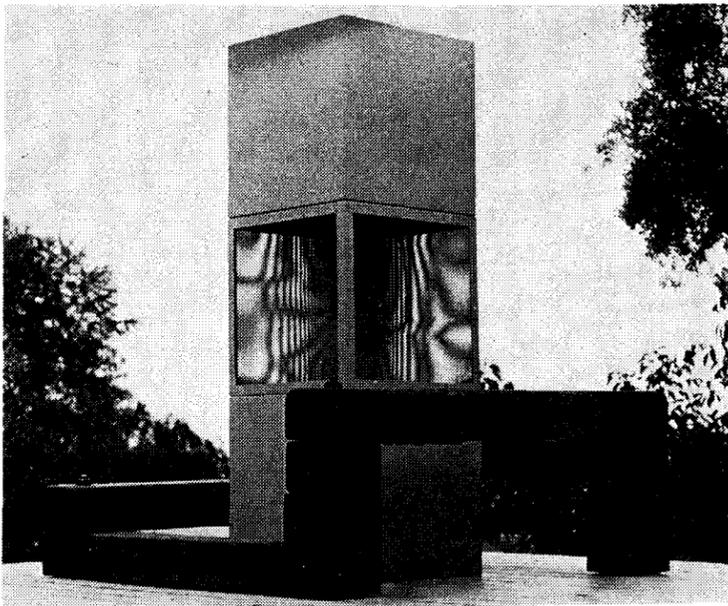
There will be a Shop clean-up at 1 p.m. Saturday, April 13. All members should attend. If you don't and can't give me a good reason, one dollar (\$1) will be deducted from your deposit.

If you wish to join the student shop, there will be a check-in meeting at 3:00 p.m., Saturday, April 13. Attendance at this meeting is a necessity and sufficient condition for joining the shop this term.

Questions and excuses should be directed to Louis Scheffer, 241 Page.



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Whether the seniors were attracted by the Moiré patterns or the length and bulk of this sculpture is not known. Photo by Troll.

Food Service

Continued from Page Nine  
you won't be paying for all the meals you miss while you're on a Geology field trip and the breakfast you never wake up in time for. Dr. Smith anticipates a system where you would receive ten meal tickets for weekends, which you could use whenever you pleased or sell to whomever might want them.

Over the long run, Dr. Smith feels that the best path to follow is to offer a variety of types of housing, not a diversification of the Houses themselves. He believes that a good alternative to remodeling the houses would be to buy an apartment house to rent to those students who prefer not to have a board contract (a similar building is rented to married students). This, he feels, offers the best facilities for the money invested.

FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
5 The Sorrow and The Pity	FUNNY CAR SUMMER FUNNY CAR SUMMER FUNNY CAR SUMMER 6 Yellow Submarine	LOCKWORK ORANGE 7 The Beatles Yellow Submarine	STANLEY KUBRICK'S LOCKWORK ORANGE 8 Ken Russell's Savage Messiah	9 Topic Of Cancer LOCKWORK ORANGE	10 BATTLE OF THE PLANET APES	DIRECTED BY LINDSAY ANDERSON 11 O! Lucky Man! TARGETS PETER BOGANOVICH
12 SEX MADNESS REEFER MADNESS	Let The Good Times Roll 13 THE CONCERT FOR BANGLADESH	WONDER OF IT ALL CHARIOTS OF THE GODS? 14 NORTH COUNTRY	15 BATTLE OF AGIERS A MAN & A WOMAN	beyond the age of innocence... into the age of awareness 16 LITTLE FALES AND BIG WALLY medium cool © technicolor's paramount picture	FRIZ 17 CHICKEN	18 JULIE CHRISTIE SUTHERLAND "DON'T LOOK NOW" Aleksandr I. Solzhenitsyn "THE FIRST CIRCLE"
WR-Mysteries of the Organism MALCOLM X 19	20 WALT DISNEY PRODUCTIONS Robin Hood One Minute	21 WALT DISNEY PRODUCTIONS Robin Hood	22 WHEN WOMEN HAD TAILS WHEN WOMEN PLAYED DING DONG	23 JULIE CHRISTIE SUTHERLAND "DON'T LOOK NOW" Aleksandr I. Solzhenitsyn Paramount Pictures Presents A Howdy W. Koch-Markus-Lerner Production Starring Barbara Yess Stresand / Montand On A Clear Day You Can See Forever Based upon the novel by O. C. Snow © Paramount Pictures 24 STERILE CUCKOO	25 SIAMESE TWINS AT BIRTH Now, cut asunder! Sisters The Little Cigars	
26 LET IT BE HELP! HARD DAYS NIGHT BEATLES	HELL UPSIDE DOWN 27 THE POSEIDON ADVENTURE "HILL RACER" ROBERT REDFORD / GENE HACKMAN CAMILLA SIMPLY / "DOWNHILL RACER"	JOHN BOORMAN DELIVERANCE 28 Visit the future where love is the ultimate crime. THX 1138	JOHN BOORMAN 29 DELIVERANCE McCabe & Mrs. Miller	30 Walkabout the wild child		

APRIL

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HIGHLAND THEATRE

Figueroa at Ave. 56 255-6066  
Highland Park

## Boop Threat

Continued from Page Two

Reconsideration was given to the type of recirculation pump in order to avoid extravagance while continuing to do the work required. When it's ready, the fish in Baxter will be transferred there temporarily, while the dirt from San Pasqual landscaping gets flushed out of Baxter Pond.

Summer housing contracts will be available starting Monday in the Residence and Dining Halls office. Cost for the period June 16-September 11 will be \$195.75. Rooms in the summer house (not yet determined) will be picked in the order that contracts are signed, with the present resident(s) of a given room retaining squatter's rights.

### 74'ers Get Out in Time

The word has come down from on high: mandatory board contract next year. Bids are still being considered from various firms, including Canteen and R&R, so it will be some time (perhaps May) before we know how much it will cost. Until then, the room rate will be up in the air; it will probably go up somewhat, utility increases being the major reason.

Tuition and fees will also be up, as expected. Tuition—as listed in next year's catalog—will include the health fee, which has been listed separately in the past. Thus, the \$3141 tuition figure is actually about \$3031 for tuition (up \$145) and \$110 for the health fee (up \$26). ASCIT dues are the same; *The Big T's* assessment is now \$12. The IHC has considered upping house dues to \$15 a term, but nothing definite has come of that.

### Top of the Week

The ASCIT musical is moving into high gear, with its opening show only two weeks away. ASCIT members and grad students can get tickets for \$1; non-ASCIT undergrads' tickets are \$1.50.

The class of 1978 has been chosen, although they don't know it yet. Three hundred thirty-four applicants will receive acceptance letters, with (if this is a typical year) 210 deciding to come to Tech. The class will be raised to 220 from the waiting list, along last year's policies.

## Nominations Open for Undergrad Committee Reps

Nominations are now open for undergraduate representatives for faculty committees. Nominations close April 26th at 5:00 p.m. Interviewing will be done the following week. (Please consider committees *other* than the Freshman Admissions Committee if you have any other interests).

Sign up with your house president or on Flora's door. Faculty standing committees have the following undergraduate representation:

One each on: Air Force ROTC, Athletics and Physical Education, Convocations, Foreign Students, Health, Library, Patents, Relations with industry, and Relations with Secondary Students.

Two each on: Academic Policies, Institute Programs, Scholarships and Financial Aid, Special Laboratories, and Student Housing.

Three each on: Curriculum and Upperclass Admissions. Four on Undergraduate Academic Standards and Honors. Five on Freshman Admissions.

There can also be student repre-

sentation on two Administrative committees: the Computer Executive Committee and the Art Advisory Committee.

### Interhouse Volleyball Results

Page	6-0
Fleming	5-1
Dabney	4-2
Ruddock	3-3
Ricketts	2-4
Lloyd	1-5
Blacker	0-6

### Interhouse Trophy Standings

Page	197.5
Fleming	189
Ruddock	127
Blacker	111.5
Lloyd	103.5
Dabney	100
Ricketts	67.5

## Classified Ads

### TRAVEL

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Fourth year of CHARTER FLIGHTS to Europe. Call Dr. Mandel at extension 1078 or 476-4543.

### FOR SALE

For Sale: BSR McDonald 310X Turntable. \$60. Contact William McCown - 217 Page, 449-9755.

1971 Ford LTD station wagon, 26,000 miles. In excellent condition. 429 engine, AM/FM radio, trailer towing package, rack, new tires, A/C. \$2,350. Call Joan Richmond 797-4853 after 6 p.m.

For Sale - 1969 Ford 6 passenger station wagon to highest bidder. Bids should be directed to Wesley L. Hershey, Director, Caltech Y, 218-51. Bids will be opened April 15th. The vehicle has 56,000 miles and appears to be in good condition, except for tires. It will be sold without warranty either written or implied. This vehicle may be seen in the alley west of Winnett Student Center.

### BUMPERSTICKERS

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### OPPORTUNITIES

Technical Director for R/F Analysis. Advanced degree, experience preferred. Attractive salary/benefits, great potential. Contact Dr. Rubenstein 205-837-1541.

### SERVICES

TRANSLATORS with scientific training required. All languages and disciplines. Free-lance. Send resume to Box 5456, Santa Barbara, Cal. 93108

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## You Can Still Add This

Have you ever had the desire to discuss the issues facing various foreign areas with people doing actual field work? If you have, then Political Science 140, *Seminar in Foreign Area Problems*, is the course for you. This class takes advantage of Caltech's involvement in the American Universities Field Staff; each year a number of AUFS representatives visit the class and share the results of their investigations.

This year Egypt, India, Communist China, and Yugoslavia will be covered, and discussion will center on the process of economic development in these countries and the political con-

flicts it leads to. Emphasis will be placed on the roles of competing and conflicting elites in each country.

Students enrolled in the course will be expected to read a fair amount of background material and be prepared to discuss it with the visitors in class. There will be seven class sessions altogether, and grading will be primarily based on a research paper that each student will be expected to complete.

Any students interested in adding the class should see Professor Robert Bates 331A Baxter (x1210).



## The CALIFORNIA Tech SPORTS



Eight hundred ninety-five applications were received, although the number from women was down this year.

Several ASCIT appointive offices are crying for people; among those with no applicants is the position of Coffeehouse Manager... An alumnus from the Class of 1950 (B.S., Mechanical Engineering), H. Edwin Reinecke, made headlines this week. He currently works for the state government... The Health Center issue may raise its ugly head again.

## Will Oxy Eat A Sports Menu?

Saturday, April 6			
12:00 noon	Baseball (dbl.)	Whittier	Home
1:30 p.m.	Varsity Tennis	Pt. Loma College	Home
Monday, April 8			
12:30 p.m.	Golf	Occidental	Home
Tuesday, April 9			
3:00 p.m.	Baseball	Occidental	Away
3:00 p.m.	Varsity Tennis	Occidental	Home
3:00 p.m.	JV Tennis	Occidental	Away
Saturday, April 13			
12:00 noon	Baseball (dbl.)	Occidental	Home
1:00 p.m.	Track	Tijuana Tech & UC San Diego	at UCSD
1:30 p.m.	Varsity Tennis	Pt. Loma College	Away

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plus **Chi Coltrane**

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plus Patti Dahlstrom

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