



New Registrar Appointed

[OPR]—Dr. Judith R. Goodstein, faculty associate in history and Institute archivist at Caltech, has been named Caltech's new registrar, according to the announcement by Dr. James J. Morgan, Caltech's vice president for student affairs. Dr. Goodstein will continue serving as Caltech's archivist when she takes up her new job, starting April 15. She succeeds Dr. Lyman Bonner, who is retiring as registrar after 12 years.

In announcing the appointment, Morgan said: "I am delighted that Judith Goodstein will be working with our students and colleagues at the Institute in the role of registrar. Her previous experience as a member of the Caltech Admissions Office and as a lecturer equip her well to understand the style of our

programs in the registrar's office and throughout Caltech."

The Caltech registrar oversees the maintenance of Caltech's graduate and undergraduate records; reviews progress toward degrees and the preparation of official transcripts and grade reports; schedules classes; and serves on two Caltech committees: Undergraduate Academic Standards and Honors and Curriculum.

Dr. Goodstein received her Ph.D. in the history of science in 1969 from the University of Washington. She has written widely on the history of 20th-century science and is completing a book about Caltech, *Science at the Frontiers*, to be published by W.W. Norton & Co.

Goodstein was named Caltech's first archivist in 1968. Since then, she has been responsible for the acquisition and processing of more than 100 collections of papers from Caltech scientists and administrators and for developing the archives into a major resource for science historians. She is a member of the History of Science Society and served a two-year term on its governing council, 1986-88. She has taught on the faculties of Cal State Dominguez Hills and UCLA and was named a faculty associate in history at Caltech in 1982.

Goodstein is married to Dr. David Goodstein, Caltech professor of physics and applied physics and the Institute's vice provost.

Professors Defect, sort of

[OPR]—Two faculty members at the California Institute of technology were among 44 international scientists recently elected Foreign members of the USSR Academy of Sciences. They are Roger Sperry, Nobel laureate and Board of Trustees Professor of Psychobiology, Emeritus, and Peter Wyllie, Professor of Geology. In a telegram congratulating Sperry and Wyllie on their election, Academy president G.I. Marchuk wrote: "Permit us to express our firm belief that your election will further strengthen relations between Soviet and American scientists."

Sperry and Wyllie were among 16 American scientists named Foreign Members of the Academy this year. Commenting on the election, a recent article in *The Chronicle of Higher Education* noted, "The election of the American scholars, the largest group of Americans ever admitted to the Soviet Academy, is regarded by experts on the Soviet Union as a sign that political relations between the two countries have improved to the point that soviet leaders now feel comfortable about formally honoring their American counterparts."

Dr. Sperry won the 1981 Nobel Prize in Physiology or Medicine and is widely known for his split-brain studies, a series of landmark investigations into brain structure and function he carried out during the 1950s and the 1960s, which

demonstrated that the left and right hemispheres of the human brain are specialized for different and complementary capacities. In the last two decades, Sperry has written extensively on the mind-brain question. He has been one of the chief architects of the "consciousness revolution" in the behavioral sciences, which, beginning in the late 1960s, reintroduced subjective thought and inner experience as valid concepts into psychology and the other behavioral disciplines.

Dr. Wyllie is an internationally known authority on the formation of igneous-rocks--those created when molten material cools. He has been particularly involved with the origin of andesites (volcanoes that tend to explode as Mount St. Helens did in 1980); with granites that form the core of mountain ranges such as the Sierra Nevada; with kimberlites, which transport diamonds to the earth's surface; and with carbonates, which are useful for their ore deposits of phosphates (fertilizer), niobium (alloys), and rare earth elements (superconductors). Dr. Wyllie served as chairman of Caltech's Division of Geological and Planetary Sciences from 1983 to 1987 and is the author of three books, including two basic textbooks. He was elected a Foreign Associate of the National Academy of Sciences in 1981, and a Fellow of the Royal Society (London) in 1984.

Drs. Sperry and Wyllie are the second and third members of the Caltech faculty to be named Foreign Members of the USSR Academy. The first was Dr. Linus Pauling, winner of two Nobel prizes (for chemistry and for peace) and professor of chemistry, emeritus, at the Institute since 1971. Dr. Pauling was elected in 1958.

The Moscow-based Academy is the chief coordinating body for scientific research in the USSR, directing the work of over 260 scientific institutions. Its membership of more than 400 Academicians include physicist Andrei Sakharov; Georgi Arbatov, for many years the Kremlin's leading adviser on American affairs; and Roald Sagdeev, director of the Soviet Space Research Institute and head of the Soviet space program until his retirement last year.

Other Americans elected this year include Frank Press, president of the National Academy of Sciences; John Kenneth Galbraith, professor emeritus of economics at Harvard; Peter Raven, director of the Missouri Botanical Garden; Samuel Ting, professor of physics at MIT and Nobel laureate in 1976; and James D. Watson, director of the Cold Springs Harbor Laboratory on Long Island and codiscoverer of the double-helix structure of the DNA molecule, for which he shared the Nobel Prize in 1962



Instead of Lyman Bonner, here's the lovely mug you'll now be seeing if UASH summons you.

Pre-Frosh Are Coming Very Soon

Pre-Frosh Weekend is April 13-16.

The Admissions Office has obtained half-price tickets (\$10.00) for Magic Mountain for Friday evening, April 14. These will be sold first to pre-frosh and their hosts on Thursday afternoon. We expect that there will be about 200 remaining. These will be available on a first come, first served basis at the Admissions Office AFTER 10:00 am on Friday morning. If you are not hosting a pre-frosh you will need to arrange your own transportation, but it's still a pretty

good deal!

On Saturday, April 15, we will be holding a barbecue picnic for pre-frosh, hosts, parents, faculty, and staff on the Athletic field. CIT students who are not hosting pre-frosh are also welcome. Free tickets for this will also be available in the Admissions Office after 10:00 am on Friday, April 14.

Clubs and Organizations!!!: We'll be having a Club Fair during this picnic. Great chance to recruit new members! If you'd like to be represented, call the Admissions Office, ext. 6341.

News From The Y

OBO ADDY & KUKRUDU - "African High Life: a Musical Encounter". Enjoy the traditional and modern sounds of Ghana. Beckman Auditorium, Saturday, April 15 at 8 PM. **ROCK BOTTOM DISCOUNT TICKETS** at the Y!

FLY CASTING LESSONS! - Ever want to learn to fly cast? FREE lessons are available Tuesdays 5:30 to 6:30, rods are provided. Sign up in the Y!

ASSOCIATE STUDENT SUNDAY! - If you have signed up to eat with associates, meet in the Athenaeum parking lot at 5:15, this Sunday.

GALEN ROWELL SPEAKS! - Mr. Rowell is a world famous Photojournalist and Mountaineer (who often combines the two), and he will be at the Beckman Auditorium Thursday, April 13 at 8 PM. Student tickets are available at the Y office for \$5. General admission tickets can be purchased at the OPE ticket office for \$10.

IT'S ASCIT BUDGET TIME

Budget questionnaire will be in house lounges today April 7. They should be handed in by tonight in the available boxes. Club budget proposal forms will be available sometime on Saturday. Club budget proposals forms will be sent in the mail to all clubs on Monday, April 10. These forms will be due on Friday, April 14. Budget meeting will be at 4pm Sunday, April 16, tentatively scheduled to meet in the Millikan boardroom.

Name The Party

by Eric Fung

In 1991, Caltech will celebrate its 100th anniversary. A centennial celebration steering committee, headed by Sunney Chan, has been formed to propose and plan events for the celebration

Among the proposed events are symposia, participation in the 1991 Rose Parade, and a convocation. There will, of course, be many parties to celebrate the occasion.

The committee is actively seeking involvement by the Caltech community in the preparation. It has, therefore, established a contest, open to all members of the Caltech community. This contest is simply to author a theme for Caltech's centennial.

The theme should be 'catchy, overarching,' and succinct (one line maximum). The theme will be used by the various groups that are designing activities and materials related to the centennial. Authors

may submit a short explanatory paragraph, although it is not required.

Entries should be submitted to the Centennial Steering Committee, Mail Code 10-31, and should include the name, telephone number, and address of the entrant. The deadline is April 28, 1989. The reward for the winning entry will be dinner for two at an elegant restaurant.

Students will play a large part in the celebration, and, therefore, their participation in planning events has been encouraged. Two undergraduates are on the steering committee, and are actively seeking student suggestions and commitment. Now is the time to get parties, parties, and more parties at the expense of the administration! Well, maybe one or two.

If you have any ideas or want to get involved, contact Eric Candell (1-59) or Eric Fung (1-57)

CRIME BEAT

3-20 Beckman Lab. Victim's car had hatchback spoiler damaged and blue paint was evident on the car. (A friend told the victim that a blue truck had been seen parked behind the car earlier.)

Room 213, Guggenheim Lab. Money (\$19) stolen from wallet.

3-22 Kerchoff Lab. (Room 220). Wallet missing.

Room 209, Church Lab. Wallet, Rosary Beads, Seiko Watch, 10 credit cards, address book missing.

North Arms Lab, Bike Rack. Chain cut and bicycle missing.

3-25 West Wilson Lot. Suspicious Vehicle. Two males (Anglo, Latino) said they were "looking for a bathroom" when approached by security. They were informed they were on private property and were asked to leave.

3-29 Steele Bldg, Rm 313. Wallet with \$15 inside stolen.

Credit Card stolen from purse, Room 313 Steele.

4-3 Beckman Lab, Rm 246. \$140 stolen from wallet.

East Bridge, Rm 106. Unknown suspect(s) entered room by breaking glass in door and reaching in to unlock the door. Microwave oven was stolen.

4-4 Public Events Parking Area, south of the Ticket Office. Bicycle stolen (left unlocked and unattended for approximately 15 minutes.)

letters to the editors

Let's Censor The IW... An Open Letter to President Everhart

To the Editors:

I guess what concerns me about the character of March 3d's "Inside World" is context. As one of the official publications of the Caltech student body, *The Tech* is accessible to the public and is often sought by students and parents who visit the campus.

Setting aside the discussions about whether vulgarity can be abusive and whose sensibilities are offended and whose rights to freedom of speech should be protected, my responsibility as a spokesperson for the Institute leads me to share this observation with the editors and the student body: most prospective students and parents will be jarred by the crude references to body parts and the casual attitude about publishing vignettes that ostensibly reveal the private lives of campus residents. Most of those jarred will be offended and some will abandon interest in Caltech.

Thoughtful people will not be shocked at the thoughts expressed; the mystery of the human mind is everlastingly interesting and amusing and some will find "Inside World" cute and funny. Some won't. My opinion is that the campus newspaper is an inappropriate place to reveal all of the quirkiness

of human musings and people reading them there may be dissuaded from further exploration of the merit of joining the Caltech community.

We might all agree that is fine only if the appearance of such material has the consensus approval of the community. Having people we might admire as students abandon us under a misapprehension would be unfortunate. The logical extension of the impact of such a filter on access (only those who think such language in a newspaper is OK would choose to attend) might well move the community into the mode now perhaps representative of just a few. So it goes.

Why not publish a periodic humor magazine and print the stuff under a more appropriate label? And apply some judgement about what is funny. And test it in the marketplace by charging for it.

I'd be pleased to discuss this with anyone interested. I'm looking for a way of explaining that feature of our campus newspaper to the visitors to Caltech.

Sincerely yours,
—Daniel T. Langdale
Director of Admissions
1-63

Aph Inside World

To the Editors:

I have wondered for several years about the state of mind of the landscape architect who decided to plant redwood trees under the eaves of the Braun Laboratories, and have contemplated what possible answers he might give if asked why this was done.

The following come to mind:
1. "The proposal was only a joke; I didn't expect the Administration to take it seriously."

2. "This building probably won't last long enough for the trees to reach the eaves."

3. "I was just getting even for the fee I was paid for the job."

4. "I didn't know redwoods grew that high."

5. I thought they were pitosporums."

6. When they get too high, they can be moved out a few feet."

7. "Holes can be cut in the eaves to let them through."

8. "Periodically the tops can be chopped off and used for Christmas trees."

I keep wondering if I have overlooked a reason that makes sense.

Very truly yours,
—Desmond R. Armstrong
128-95
x4898

Dear Dr. Everhart,

As a graduating senior, I would like to communicate to you something that I have felt deeply about Caltech. By telling this very personal story of mine in an open letter I hope to generate some discussions and soul-searching in the rest of the Caltech community.

One day in my desperation of sitting in another incomprehensible and uninspiring lecture, a cruel joke flashed in my mind. Maybe my professors aren't even trying to help me understand the material; maybe they're actually trying to confuse me. That's how they tell who's really good! There will always be some people who survive the obfuscation and manage to learn the material; only those are qualified to become first-rate scientists. Bad teaching is not an accident, but a serious selection process!

What prompted me to write this letter was a painful realization that there was a grain of truth in my frivolous musings. People who can't handle the material eventually leave the field, and no serious attempts are made in helping them maintain their interests. The process leaves a manageable number of well-qualified graduates in each field. If we think of undergraduate science instruction as a pre-professional process with the sole function of preparing a tiny fraction of the students for their research careers, then this situation seems just fine, and little action is taken to remedy it. But I believe the goals of undergraduate education include helping students appreciate those fields that they're not going to be making their living with. I believe college education ought to be more than technical apprenticeship.

Even as a pre-professional process, I have doubts about the merits of the current style of undergraduate education. Between 1927 and 1939, Caltech graduated four B.S.'s who went on to receive Nobel Prizes; none since 1940. In contrast, five people who received their Ph.D.'s from Caltech after 1939 have become Nobel Laureates; they all had their undergraduate training in other, "inferior" colleges. "We must not forget that the greatest engineer is not the man

who is trained merely to understand machines and apply formulas, but is the man who, while knowing these things, has not failed to develop his breadth of view and the highest qualities of his imagination. No creative work, whether in engineering or art, in literature or science, has been the work of a man devoid of the imaginative faculty." These were the words of none other than George Ellery Hale, in 1907. Eighty years later, how many of us are being challenged and encouraged to develop "the highest qualities of our imagination"?

I speak as a former physics major—a sadly common category at Caltech—and as a prospective graduate student in philosophy of science—not so common. Like many others, I was swept up by an irresistible enthusiasm for science in adolescence. There was no doubt in my mind that Caltech was the place to go to; I never even applied to any other college. When I got here, I had zeal enough to go through almost all the proofs step by rigorous step in the two volumes of Apostol's *Calculus*. I had capability enough to never get anything below a solid A in the Math 2 sequence. These are very modest by Caltech standards, I know, but I think, fair enough. But term after term I've felt increasingly uninspired, disinterested, and helpless. Physics is not going to suffer much from my departure, but I lament the loss of my love of physics, because it was so beautiful while it lasted.

I'm not saying there are no good teachers at Caltech. I've had some. But there aren't enough. I don't know what exactly is wrong with teaching here, though I have my ideas. I don't know if most other schools teach any better. The point is that there must be some ways of improving it.

Besides what individual teachers can do, I think there are some things that could be done as a matter of institutional policy. There are easy things that can be and are being done: teaching awards, TQFR, CLUE, the ombudsman system, and departmental teaching evaluations. However, I think those fail to get to the root

of the problem. Nothing short of making teaching a serious consideration in faculty promotions will effect a fundamental change. If some researchers just cannot teach, it might not be a bad idea to add a faculty primarily devoted to teaching. I know these suggestions directly challenge the current standards of scientific professionalism. But I also know that Caltech is perhaps the only place which possesses the funds, reputation, and innovativeness that would be necessary in carrying out such a radical reform successfully.

In the end, I think it all comes down to one basic question: Why do we do science? What good is "pure" research? I know many people will say they do it because it's interesting, and I accept that as a proper answer. But in that case the current teaching practices at best reflect a lack of compassion, a tragic absence of the passion to share the joy and glory of science with people who are, for one reason or another, not so mentally agile as oneself.

—Hasok Chang
Ricketts House
1-59

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ENTERTAINMENT

Satanic Verses, Vietnamese Dudes Rock on its own merits

by Bradley Scott

Because of its perceived blasphemy, *The Satanic Verses* has become the most heavily publicized book printed during the last several years. Unfortunately, this publicity has overshadowed the literary merits of the book which are considerable. Contrary to appearances, Salman Rushdie has actually been a very respected and quite successful author since the publication of his second novel, *Midnight's Children*, which won the 1981 Booker Prize. His third novel, *Shame*, earned him additional accolades, and *The Satanic Verses*, which is his best novel to date, should have solidified his position as one of the masters of the international novel. Unfortunately, Khomeini's death threat against Rushdie has changed him from an author to a martyr.

Although it has created an international uproar because of its irreverent treatment of Islam, *The Satanic Verses* is actually a very personal novel that uses an inventive narrative style to depict the difficulties that are associated with emigration and apostasy. Rushdie uses two very different characters to portray his experiences in Britain. They are both very human despite the fact that one is perceived as angelic (complete with halo) and the other as satanic by the Englishmen that they come into contact with.

Because the novel waffles between a very surreal style and a much more realistic one, it is sometimes difficult to tell how devilish or angelic Gibreel and Saladin really are, but it is always clear that they think that they are being perceived as angelic and satanic. And how they think Englishmen perceive them is very important because a major theme of the book is how people's actions are affected by their belief that they are expected to behave a certain way.

Anyone who reads *The Satanic Verses* simply for shock value is likely to be disappointed. The passages which are most often identi-

fied in the newspapers as "offensive" are indeed very offensive when taken out of context, but in actuality most of them occur in Gibreel's dreams and are part of a rather brilliant portrayal of a man who has lost all faith in God and is desperately trying to regain it. These passages are clearly meant to develop Gibreel's character rather than to slur Islam.

This is not to say that Rushdie did not know that these passages were offensive because he almost certainly did. In fact, the most reasonable explanation for his choice of the title *The Satanic Verses* is that he knew the title would stir up a great deal of controversy and consequently help sell more books.

The Satanic Verses is a direct reference to an alleged incident in which Mohammed temporarily allowed the citizens of Mecca to worship three pagan goddesses alongside Allah. He later recanted saying that Satan, not the angel Gibreel, told him to allow that sacrilege. Expert Islamic scholars have decided that this incident never occurred and any mention of it is apparently very offensive to many Moslems. Furthermore, in order to accurately convey Gibreel's feelings toward Islam, Rushdie has Gibreel refer to Mohammed as Mahound during these dreams. This is a very offensive name as it was the name given to Mohammed in certain Medieval Christian plays that depicted him as a satanic figure.

Altogether, *The Satanic Verses* is an excellent novel that is not likely to seem offensive to Western readers. It mixes fact and fantasy in a sometimes confusing way that is usually very effective. It would be well worth reading even if it were not the hot conversation topic at the moment. But Rushdie's style is very unique, and he is somewhat difficult to read. Most readers will probably either love the book or hate it. If you think that you are interested in it read the first forty or fifty pages, by then you should know which type of reader you are.

by Andrew Hsu
Caltech has always been a popular tourist trap for foreign visitors. Well at least for the scientific community. But now, with the help of humanities professor Amy Catlin, Caltech may become the host to some rather distinguished foreign musicians. These musicians are masters at playing traditional East Asian music on traditional instruments of course and are part of prof. Catlin's Mu 51 class this term.

The first visiting musicians will perform **this Monday** at 1 pm in room 25 in Baxter. In this informal concert, with time for questions and discussion, artists Dinha Thin and Nguyen Zuan Hoach, visiting from Vietnam, will perform traditional Vietnamese music.

Sponsored in the United States by the U.S. Committee for Scientific Exchange with Vietnam, both are quite distinguished musicians with Dinha Thin winning numerous international prizes for his flute playing and Nguyen Zuan Hoach

a graduate of the Hanoi Conservatory. In their concert on Monday, Dinha Thin will demonstrate the various flutes, a monochord and a bamboo-phone (a xylophone made from bamboo; used in tribal music) that are important elements in Vietnamese music. Nguyen Zuan Hoach will perform four different types of lutes including the Moon Lute (*Dan Tu*), and the Lute of the Singers (*Dan Day*).

In addition, professor Catlin will be present during the concert to moderate discussion and to help answer questions. Recordings of traditional Vietnamese music, let alone live performances, are rather difficult to find even in a cultural mecca as large as Pasadena so this concert should definitely not be missed. Best of all, admission is free.

This concert is only one of a series of East Asian music concerts that will be presented as part of prof. Catlin's Mu 51 class. Other concerts that are listed in the syllabus include a performance by p'i

p'a virtuoso, prof. Tsun-Yuen Lui, and a performance by visiting Japanese musicians. In addition, the class will feature films about as well as recordings of other types of East Asian music.

Mu 51 represents just one of the Caltech Humanities Department's efforts in broadening the humanities course offerings through the use of visiting professors/lectures and also broadening the cultural horizons of students beyond traditional western cultural studies.

It offers a unique and painless approach towards studying Asian cultures without the need to memorize lots of names and places that have more than four juxtaposed consonants. Prior musical training is not needed but an interest in music beyond standard pop sensibilities is a must. For more information about the upcoming Vietnamese music concert on Monday at 1 pm or about the Mu 51 class, please contact prof. Amy Catlin at x3614.

WEEKLY SPORTS RESULTS

Day	Date	Sport	Opponent	Results
Fri.	3-10	Baseball	Colorado College	9-11
Fri.	3-10	Tennis (W)	Pasadena City College	3-6
Mon.	3-13	Golf	Redlands	Loss, forfeit
Tue.	3-28	Golf	LaVerne	Loss, forfeit
Thu.	3-30	Baseball	San Jose JV	cancelled
Fri.	3-31	Baseball	Santa Clara JV	5-14
Sat.	4-1	Baseball (2)	Menlo College	4-11, 4-5
Sat.	4-1	Track	Occidental & Whittier	vs Whittier, M 72-82, W53-72 vs Oxy, M 30-125, W 24-95
Sat.	4-1	Tennis (M)	Massachusetts Inst. of Technology	0-9
Sun.	4-2	Soccer Club (W)	Spinoffs	0-7
Mon.	4-3	Golf	Claremont & Occidental	vs Claremont, 559-406, vs Oxy 559-426
Tue.	4-4	Tennis (M)	Westmont	0-9
Wed.	4-5	Tennis (W)	Cal Lutheran	3-6

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri.	4-7	3:00 pm	Baseball	Redlands	Redlands
Fri.	4-7	11:00 pm	Hockey	Golden West	Burbank
Sat.	4-8	11:00 am	Baseball (2)	Redlands	Caltech
Sat.	4-8	12 noon	Track	Christ, La Verne, Masters, Whittier	Caltech
Sat.	4-8	1:30 pm	Tennis (W)	Whittier	Whittier
Sat.	4-8	2:00 pm	Tennis (M)	Occidental	Occidental
Sat.	4-8	7:00 pm	Hockey	Cal Lutheran	Burbank
Sun.	4-9	1:00 pm	Soccer Club (W)	Furies	Caltech
Sun.	4-9	1:15 pm	Hockey	Warden Cup Final	
Mon.	4-10	1:00 pm	Golf	Redlands	Occidental
Tue.	4-11	3:00 pm	Baseball	Pac. Coast Baptist Bible College	P.C.B.B.C.
Tue.	4-11	3:00 pm	Tennis (M)	Whittier	Caltech
Wed.	4-12	1:00 pm	Golf	Redlands	Claremont-Mudd
Wed.	4-12	3:00 pm	Tennis (W)	Claremont-Mudd-Scripps	Caltech
Fri.	4-14	3:00 pm	Baseball	Whittier	Caltech
Fri.	4-14	3:00 pm	Tennis (M)	Christ College	Caltech

...Let's Not!!!

We think the Inside World should not be tampered with. The most important justification of this is the fact that it is the only section of the paper that is written exclusively for the student body. This causes the IW to take on special importance; there is no more heinous a crime an editor can commit than tampering with the Inside World. We view it as sacred; no matter how much we may object to a particular Inside World, provided it poses no legal problems, we will print it, our beliefs give us no choice. All requests concerning

changes in the IW should be directed to the writers, as they make all final decisions concerning content.

Perhaps it can be explained to prospective freshman and their parents that the material that is found in the Inside World exists at every college in the U.S. and that one of the things that make Caltech special is that it is open and free enough to have such things printed in the weekly student body publication. Finally, we believe that the IW provides a better view of campus life than trips to Magic Mountain or JPL.

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TY BLOOM COUNTY BLOOM COUNTY

Coach O'Brien Pregnant With Bigfoot's Baby



by Joseph M. Fierro
They said it couldn't be done. The track team had just returned from three weeks of vacation, half of the squad could not attend the meet, and the team was facing two imposing schools: Occidental, the unopposed favorite to win SCIAC this year, and Whittier, our evil arch-enemy. But what people didn't know was that Caltech Track was on a Vision Quest.

Todd "Utility Man" Kaplan set the pace by heaving a remarkable 100'0" to take third place overall in the hammer throw, and showed his versatility by also performing in the shot put. Ed "Mr. Impressive" Mao scored points in both the shot put and discus against Whittier, but Johnny Tsai was Caltech's best man in both the discus and javelin. Randy Stevenson had a personal best of 12'0" in the pole vault to crush the best men from both Oxy and Whittier.

Meanwhile, Gary Eastvedt and Bill Swanson tied for third place in the high jump by clearing 6'0". Swanson also scored well against Whittier in the triple jump, as did Sheldon Lim, who scored in both the long and triple jump.

As for the men's track events, Caltech continued to apply pressure. Scott Kister narrowly placed second to a man from Whittier in the 3000m steeplechase, but he reaped revenge in the 5000m race by trouncing the man who had beaten him earlier. To go along with Scott's first place, Chris Campo took third which was quite admirable considering how upset he was due to the fact that his high school sweetheart, Karyn White, will soon be posing nude for

Playboy.

Campo also ran the 1500m race, but it was Dan "Terminator" Flees who led Caltech in the race with a fine time of 4:26.0 to beat all Whittier competitors. Flees also ran a good 800m, finishing just behind our top two runners. The crowd roared as John Raguin (2:06.15), recovering from previous injuries, almost caught Ray Hu (2:06.14), who injured himself during vacation by demonstrating how not to ride a motorcycle, at the end of the race.

As for the sprints, Tom Tetzlaff edged out an Oxy runner by two hundredths of a second with a time of 11.95, followed closely by Dave Ross in 12.4 seconds to beat all Whittier competition. Both Tetzlaff and Ross also performed well in the 200m.

The capacity crowd rose to their feet in anticipation of the next event—the 400m. Our Great White Hope, Sean "Bonecrusher" Hilliard, got off to a horrible start and all seemed lost, but Sean poured it on in the end to record a personal best of 51.5 seconds, within a second of the winning time.

Paul Socolow, not to be outdone, scored points against both Whittier and Oxy in the 110m hurdles and the 400m intermediate hurdles, running the latter in an amazing 1:00.29, just .04 seconds away from third place.

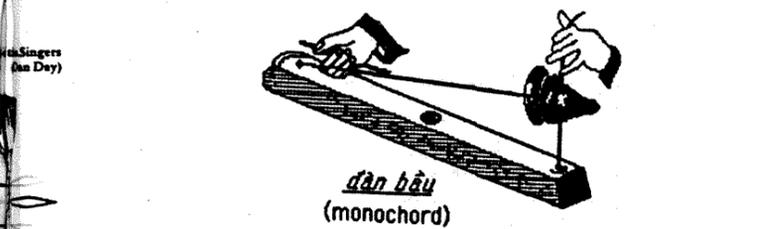
Although less than half the women's team showed up for the track meet, the five that did provided an inspirational effort. Liz Warner entered her usual eight events, leading Caltech in the 100m hurdles, 400m intermediate hurdles, 100m, high jump, long jump,

shot put and discus. But she was not satisfied with this effort, and so she set a new school record in the triple jump with a leap of 32'9-3/4". Golda Bernstein and Cathy Hafer also greatly helped the team by performing in three events each. Jerri Martin was greatly hampered with a leg injury, so she was only able to compete in one event, the 1500m, in which a strong effort allowed her to capture third place. Bibi Jentoft-Nilsen produced great efforts in three long distance races—the 1500m, a third place in the 800m, and a first place in the 3000m with a time of 11:53.68. She also tied for fourth in the high jump to complete an incredible display of athletic fitness.

When the final results were tallied, the men's track team lost by a measly 10 points to Whittier 72-82, and was barely edged by Oxy 30-125. The women's team was also outscored by Whittier 53-72, and they let Oxy escape 17-86.

However, the team could not be expected to perform well, since they were very distraught over the fact that their unofficial captain Mark Lyttle suffers from a rare disease which prevents him from racing on Saturdays.

In the end, it was the Caltech Track Team that scored the moral victory by stealing all of the sandwiches that Mrs. Coach O'Brien had prepared for the officials. A good time was had for all who came and especially those who ate. Our next meet is tomorrow at the Caltech Track beginning at 12 noon. We face the pure evil colleges of Christ College, Masters, LaVerne, and once again Whittier.



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ASCIT MINI MINUTES

Present: Rich, Jerry, Gavin, Mike Salisbury, Bappa, Gary, Dinkin, Jason, Pam, Marty, Alecia

4-4-89 10:40

Jerry talks about the Big T. Over Spring Break, the printing problems was taken care of. Appropriate letters will be sent out to all involved.

Mike discovered the Bust of Justice cleaning out 230. It belongs in the possession of the BOC chairman, so Jerry takes it now.

The ASCIT formal is Friday, May 12.

Sam Dinkin asks for money for the Bridge Team to go to Michigan. 4 ASCIT members ask for \$250. Motion passes (7-0-0).

We need a little t business manager. Signups on MOSH's door

Scott Kister is the fourth editor on next year's Big T. Motion passes (7-0-0).

Long discussion of upcoming ASCIT budget meeting.

The Inside World

This week's Inside World was brought to you by:
Blacker: Nye, Ken, Glenn, Bonnie and others
Dabney: David A. Edwards
Hovse o' da Month: Mark Huie
Ricketts: Dan Raguin and Gabriela Cornejo

Blacker:
 Welcome back, everyone! Boy is it hot! How hot is it? It is sooooo hot, we should have lots of bonfires to make lots of smoke to block out the sun so it can cool off.

What kind of a secretary would show up at a roompick without a deck of cards (no, Nye, I refuse to mention that stupid game that involves four fairies in this inside world!) Aside from that, roompick was fun. Lots of blood and guts. 60 goes into eternal sleep (no, Glenn, I won't put your geeky comment here), and the Pope is in Vatican (does a bear st in the woods? (will they publish that? ("they publish Fg inside worlds" says Nye (how many parenthesis can you nest in an inside world? I think you can do five (5).).)).

Seven Elevens are open 24 hours a day, but that doesn't mean they are always open. Slurp. BTE works 24 hours a day, but that doesn't mean it always works. Ring.

By the power vested in us as writers of the inside world, we do hereby declare that the new dining room furniture will arrive Monday, Cliff will find a coffeetable by Monday, someone will insure the car for \$20 a year, THC will be re-stocked, Bonnie will appear in an inside world, and Hell will freeze over.

My swim coach has a first name,
 it's C-L-I-N-T
 My swim coach has a second name,
 it's D-O-D-D-D
 We swim at midnight every day,
 if security asks us why, we say,
 Coach Dodd says that it's ok,
 but he's a waffle anyway!

-the Blacker Hovse Midnight Swim Team

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Dabney

Well, now that we've all returned from the 1989 dye-your-hair-darker-than-Steve-Anderson-spring-break, we're all ready to take that final plunge into the icy depths of despair before the long summer that will dry us out. However, it is encouraging to note that this is the term where Dabney House will be on the move. After the compressed-gas ExComm Meeting, we've planned five trips for five consecutive weekends. This weekend's social event is the long-heralded Mojo Party, or the how-to-poison-a-musician party.

According to only moderately reliable sources, there was a Ricketts Invasion of Room 16 last week. Approximately thirty Scurves melded with the Darbs already in the room, jumping on the waterbed, etc. Dave Bourgeois, who was sleeping in the nude at the time, jumped up and began wildly punching people in the eyes, murmuring, "Hey, guys, you shouldn't be in here." Apparently only Lyle escaped unbruised, but promptly collapsed of fatigue because he hadn't had any alcohol for several hours. That's why Lyle has a black eye—or at least that's how the story got to me.

Also worthy of note: supposedly Buttlicker found placed under his door during finals week a condom. Not knowing what it was, he opened the wrapper and examined its contents. Still not recognizing it, he proceeded to unroll it and try wearing it on various of his appendages. Finding it too large for all of them, he then broke it by trying to stretch it so that it would fit over his head. When questioned about this, Buttlicker said, "I thought it was a ski mask."

The residents of Alley 5 are taking up a collection to buy Chris Tully a lap desk for the restroom. It would be so much easier for him to do his Math 2 in there that way.

Since the Academy for Motion Picture Arts and Sciences gave out their annual awards for excellence last week, it's only fitting that at this time I take a few minutes to present:

The 1988 Caltech Academy Awards

- Best Picture:** The "Life Has No Meaning" post-neutering Escher photo
- Best Actor in a Leading Role:** Brian Lemoff as God in "Heaven"
- Best Actress in a Leading Role:** Miriam Yee in "Psycho IV"
- Best Actor in a Supporting Role:** Gregg Harry in "Fatal Attraction II"
- Best Actress in a Supporting Role:** Susan Howard in "Supporting My Glom"
- Best Director:** Bill Flick for "The Rotation Meetings"
- Best Original Screenplay:** Don Finnell for "Dialogue with my Pinky"
- Best Screenplay Based on Material from Another Medium:** "The Glee Club Intrigue," based on the debut episode of "Dynasty", with Don Caldwell as Blake and Monica Hubbard as Alexis
- Best Achievement in Editing:** Paul Ste. Marie for "The California Tech" (or was that censoring?)
- Best Cinematography:** Dirk Runge for "All my Pictures"
- Best Makeup:** Cesar for "Hallowe'en 1988"
- Best Costume Design:** Steve Anderson for "My Everyday Wardrobe"
- Best Achievement in Sound:** David A. Edwards for "The Room 23 Noon Revue"
- Best Achievement in Sound Effects:** Kwis Waymond for "Elmuh Fudd: My Intuhpuhtation"
- Best Song:** "Olivia", music by Brian Lemoff, lyrics by Oscar Duran, performed by Brian Lemoff
- Best Art Direction:** Joe Beckenbach for "Stained Glass in Lower 7"

-Greta Darbo

House o' the Month:

This is my last inside world for a while, so I'm not going to say anything about that hovse to the extreme south-east of campus (the Ath. parking lot?) in the hopes that someone there is annoyed enough to submit one of their own.

Old News:

I was wrong, in the last inside world I nominated the whole senior class after 100 days to be the injury o' the week, but Matt Kidd won by a landslide. However, I was right in predicting that the seniors would succeed at 100 days. Okay, so I thought we would scrape by with seconds to spare, instead we had minutes to spare. I was impressed (and relieved, I didn't have to shotgun the beer I was holding; instead, I gave it to Gumby).

Talking about 100 days, welcome to Craig Prouse, one of the newest social members of Blacker, we obtained him just minutes into 100 days.

Finals and Spring Break were there, if someone has anything else to say about either one, say it next week, inside world copy is due at 5:00 on Wednesday at the Tech office (WordStar is about all the editors can handle on disk).

New News:

Welcome back, Miguel McDonald, you had better do well this term (then again, so should I).

Casualty o' the Month goes to Mack. I'd say more, but I might be sticking my foot in my mouth.

Okay, enough of UASH, on to other things: Dabney party Friday night, I wonder if Dabney has actually invited us?

House o' the Month party this Saturday 'cause Randy just got a Fishbone CD ("Lying piece of sack of... Oh, hi Mr. Police Officer") Remember, the dress is toga, so change your linens today. And does anybody actually believe Chris' vague hints about USC babes?

Other Stuff:

Mark told me to bitch about Housing bitching to us about the junk in the basement, but most of the guys at Housing are cool and getting sick of my bitching, so I won't. We should actually bitch about one person in particular (and she knows who she is). But I don't live here/there anymore, so it's not my place to bitch.

What I can bitch about is that damned fifty dollar "Contract Cancellation Fee" I had to pay just doing Mark the favor of trading rooms with him for a term. So remember, if you do somebody the favor of trading your non-campus apartment with someone's off campus housing 'cause they're on leave for just a term, don't give him his room back.

"What is he doing right?" Don't worry, it could be worse.

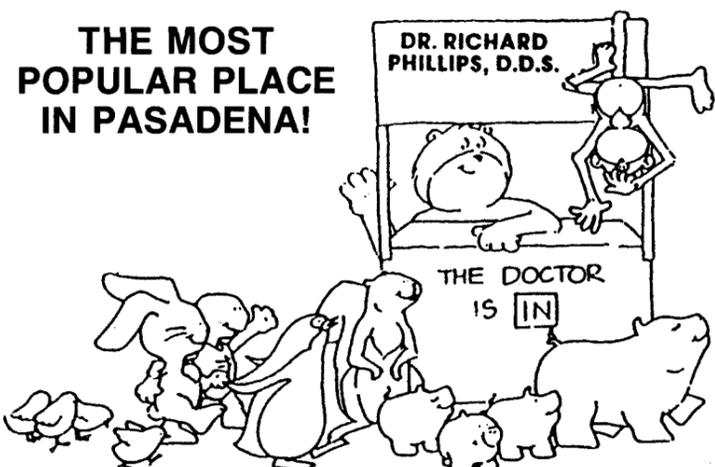
"So who is this Meg guy who listens to only Mexican music radio stations?" (Tim and Mark wanted those last two quotes and no, they don't go together)

-huie

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Ricketts

Well, welcome back for another fun filled 10 weeks at Camp Tech. We hope you enjoy your stay. The staff members will try to make your time here as pleasurable as possible. Remember, lights out at 7am, and lunch will be served at 2pm.

Our first camp event will be the showering of a lovely birthday girl for not announcing any of the birthdays that fell during Spring Break (like mine). We'll also be having a contest to guess the color of the underwear Christina Garden (She's the cute one how lives in Bunk Blacker, but visits Bunk Ricketts a lot) was wearing on the night of Interhouse. Prizes will be awarded for most accurate and most original entry. Sometime later a whole bunch of eager people will visit our camp in the hope that they too can pay 17 grand a year to stay here. This year our beloved staff members are allowing both male and female potential campers to visit! Won't that be fun.

Here at Bunk Ricketts the happy pre-campers can enjoy a friendly game of golf on our brand new golf course. The special attraction of our course is that we have laid it out in such a way that walking is minimized. A golfer standing in our tee-pot can play a full 18 holes simply by facing different directions. Finally! an outdoor game for the sedentary California-Health-Nut in all of us. The full course should be ready very soon, since Cherries and her pals have been diligently marking the positions of the holes... (ever seen a cat try to dig through grass?)

Scurves were off exploring the world over the last two weeks and many were reluctant to return to the well-known trails of Camp Tech. Fuzzy brought home a new pair of muscular thighs which she'll be happy to demonstrate for you in case you're interested in getting a set for yourself. All they cost is 8 miles and 3000 feet, (or was it 3 miles and 8000 feet? No it was 8 feet and 3000 miles.) In any case it sounded like hard work. Heidi returned with a DARK tan which may someday have a hope of surpassing mine, and a pair of Hawaiian flip-flops, (no, that is not a CS term.) Although she was constantly confused about the origins of the beaches and cliffs she was hiking in, at least she knew which direction to go to make it back to Camp Tech. This is more than can be said for the Brice folks... hip-deep in snow and not even a trail to follow. What organization! What professionalism! What compass? I suppose this should be a lesson to our Ricketts Bunk campers... "Always correct for magnetic North correctly." (Almost as profound as "Perfect practice makes perfect" but infinitely more useful in the snow.)

Some Campers were so reluctant to return to Camp Tech that they purposely left their I-20 form in their room when they visited their native country over break. As you know, I wouldn't be so crass as to mention any names, but I sure don't think that's anyway for the ASCIT President to act or even for the President of Bunk Ricketts. Luckily one of our ex-campers (you know, the short one with black curly hair we always see walking around Prexy) was kind enough to take the first plane out with the form in hand so that our lost sheep could return to the flock (Don't you just love metaphors like that!)

Good news folks! Last year's Senior Campers are finally graduating. Yes, that even includes Sam. What this means for all you laymen out there is that there will be that many more Ditch Day stacks. In fact, there will be that many more Senior pictures in the Big T, and that many more names to sit through at The Ceremony. But for us SSr folks it means that people will finally stop asking us, "Haven't you graduated yet?!" So phooey on all of you.

Anyway, for all you gleeful Frosh Campers who think that the rest of the year will be a piece of cake, don't be so sure. The biggest challenge is yet to come. That's right... DITCH DAY IS TOMORROW, FROSH!!!!

-Incoming and Outgoing Boobs

MacValley Users Group

The MacValley Users Group (a non-profit organization for Macintosh computer users) April meeting will be Tuesday, April 18 at 7:30 pm in the cafeteria of Burbank High School, Burbank Blvd. at Third St. in Burbank.

The Voyager Company will present its innovations in interactive videodiscs and hypercard software.

For further information, contact David Lagerson, (818) 882-4467. All welcome.

Join A Computer Club

Interested in UNIX, Mathematica, or the new NeXT's? Or are you still wondering what those strange connectors in your room are for? Either way, CPU is here to help you. With our knowledgeable members and growing library almost any computer problem is solvable. Come to our next meeting on Monday, April 10 in Rm. 15 SAC.



Chris Campo: Outta my way!
Whittier Guy: Eat my dust

photo by Matt Fetterman

SAC Services

If you're interested in reserving a room in the SAC or Winnett, need to buy an ASCIT copycard, want to register to vote, want info on on-campus and off-campus activities, need help planning a program, etc., there are two people in the SAC to help you. Milly Peña is available from 1-5 pm M-F in SAC Rm. 38. Nancy Matthews works in the SAC between 8 am and 5 pm and holds open office hours between 1:30 and 3:00 pm, T,Th,F.

Need A Club Mailbox?

If your club or organization receives mail, then you need to have a mailbox in the SAC. We have about 100 mail slots, total (about 50 still available). Clubs will be assigned a permanent mailcode by the SAC. Stop by and see Nancy T, Th, F 1:30-3:00 pm or Milly, M-F, 1-5 pm, to receive your club mailbox.

Yet Another Totem Poll for Art

Attention writers, poets, and artists! The second Totem in as many years will appear this spring and will contain a diverse, if not complete collection of Techer-expressed wisdom and imagination. Address submissions to 116-58. For information contact Sam Dinkin (1-59 or x3828), or Erik Russell (Annex #5, 1-59, x6188). Copies of previous issues of the Totem are available.

SAC Has Big T's

If you are entitled to receive a 1988 Big T and are having a hard time finding one, come to the SAC! Nancy, SAC Coordinator, has Big T's in Rm. 64. Simply sign your name on the Big T list when you take one. Note: those not entitled to receive one may also take one and be billed \$24 by the Big T.

Rotary Foundation Scholarships

The purpose of Rotary Foundation Scholarships is to further international understanding and friendly relations among peoples of different countries. Both men and women may apply for one of the five types of Foundation Scholarships to complete one academic year of study or training in another country where Rotary clubs are located. If interested, stop by the Career Development Center, 08 Parsons-Gates, for more information on terms of the scholarship and application procedures.

Workshop in Applied Statistics

The Southern California Chapter of the Statistical Association announces the Eighth Annual "Workshop in Applied Statistics." The workshop will be held on Friday, May 12 at USC. The topic of this year's workshop will be "Handling Missing Data: Techniques and Applications." The registration fee for full-time students is \$30. Stop by the Career Development Center, 08 Parsons-Gates, for more information.

Health Center Health Fair

The Caltech Health Center, in conjunction with Student Affairs, will be hosting its 1st Annual Campus Health Fair on Friday, April 21 from 12 noon to 4 pm on the Winnett Patio and inside the Winnett Lounge.

Students, staff and faculty are invited to attend. There will be lots of information handouts, pharmaceutical samples and refreshments. Plan to attend and spend a few relaxing minutes listening to music and getting informed.

Also, we're looking for a few good volunteers. If you're interested in helping set up, blow up balloons, or put up posters, call the Health Center at x6393. We need people between 10 am and 2 pm on the day of the Fair. So, if you have a few minutes to spare and want to meet some nice people from the Health Center - volunteer!

Asian Pacific Festival

The cities of Los Angeles and West Hollywood are joining forces with the Asian Pacific American Legal Center to present the 1st Annual Asian Pacific Festival & Culinary Carnival, May 20-21. The festival will feature Arts, Entertainments, an cuisine from various Asian-Pacific countries. If you're interested in having a booth, volunteering, or getting involved in cultural activities/entertainment come to room 64 or 38 in the SAC for more information and persons to contact.

Business Today Essay Contest

Business Today, the largest student-run magazine in the nation, is sponsoring an essay contest. It is their hope that this contest can bring students to share their ideas with influential people who can effect change in the Nation's problems. The first place winner receives \$1000 and a 2-day all expenses-paid trip to New York City. In New York, she/he will have a chance to share ideas with two or three important executives. Second and third place winners will receive \$250 each. If you have more questions, call Craig Sherman, Editor-in-Chief, (609) 921-1111, or come to Rm. 64 SAC to see the literature we received on the contest.

Attention Writers!!!

The Literature Faculty is pleased to announce the 43rd Annual McKinney Competition. The Mary A. Earl McKinney Prize is awarded each year for excellence in writing. Only full-time students officially registered at Caltech as undergraduates are eligible to enter the competition. This year three prizes will be given in three categories: poetry, prose fiction, and non-fiction essays. All submissions must be typewritten and double-spaced. In the poetry category, entrants may submit up to three poems. Submissions of prose fiction should not exceed 12,000 words. Essays may be ones prepared for a humanities class or any good piece of original writing on a topic relevant to the humanities. The prize in each category will be \$250.

Each student is entitled to only one entry in each category. All contestants must submit their work to Professor Jenijoy LaBelle, Division of the Humanities and Social Sciences, by no later than April 27, 1989. No entries will be returned. Each category will be judged by a committee from the Literature faculty. Essays will be judged on the quality of thought and the effectiveness of the writing. Winners will be announced the last week of May, and the names of the winners will appear in the commencement program. The Committee may divide the award in each category in case of more than one outstanding submission. Previous winners in any one category are not eligible for the competition in that category.

If you have any questions, contact Dr. La Belle, x3606, or Betty Hyland, x3609.

Conversational English

While you were on vacation, a ten-week conversational English class began at the Lake Ave. Congregational Church. Do not despair, latecomers are welcome. Beginning class, Tuesday & Thursday, 1-3 pm. Advanced class Tuesday, 1-3 pm. A \$5 registration fee is requested for the entire term. The class might be of interest to anyone for whom English is a second language. For further information, call (818) 795-7221, x327.

Want To Play Games?

The Caltech Gamers meet in Clubroom 1 of Winnett Student Center on Friday nights at 7:30 pm, and on Saturdays and Sundays by arrangement. Friday night gaming is mostly Warlock, a fantasy role playing game designed years ago by Techers. Other games played when in the mood include Champions, Cosmic Encounters, Arkham Horror, British Rails, Empire Builders, Power Play, Nuclear Escalation, Wizard War, Illuminati, Naval War and many others.

Coffeehouse Branches Out

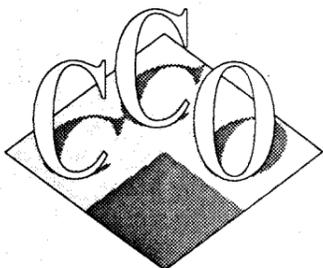
There are now vending machines located in the SAC gameroom, managed and stocked by the Coffeehouse. If you lose money in these machines (soda, snacks, fruit juice) please write your name, etc. or the refund list for the vending machines located in the bulletin board in the gameroom. Then stop by during Nancy Matthews' office hours to obtain your refund.

NEW PRODUCT DEMONSTRATION

Representatives from NeXT Inc. will be on the Caltech campus to demonstrate their products, and to give a special preview showing of Wolfram Research's Mathematica software running on the NeXT cube. All members of the Caltech community are welcome to attend. This event is sponsored by the Caltech Campus Computing Organization (CCO) which sells and supports NeXT products.



Thursday, April 13
10:00 a.m. to Noon and
1:00 p.m. to 3:00 p.m.
Winnett Lounge



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what goes on

Submit announcements for *What Goes On The Back Page* on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Indicate the date(s) the announcement must run. Announcements for the current issue *must* be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

Order Your Letter Jacket Now!

If you are eligible to buy a letter jacket and would like one, please see Scott Kister in Fleming House rm #7. I will be ordering them this week. Jackets are half price for ASCIT members who have lettered twice in one sport.

Senior Photos, Today!

Attention graduating seniors! In case you have forgotten, your senior photograph is due today, April 7, 1989! If you have any problems or questions contact us at x2183 immediately.

1988-89 Big T Editors:

Alecia Chen, Curt Hagenlocher,
Garrett Choi, Shyh-Chyuan Huang

Cheap Athletic Equipment

The athletic department has a considerable amount of surplus athletic equipment and clothing for sale. A listing of the specific items for sale and the minimum bid to be accepted can be obtained from Roger Garcia in the equipment room at the gym. Bids are submitted in writing to Warren Emery, Director of Athletics 1-2 by April 14.

CLASSIFIED ADS

FOR RENT—

ALTADENA HOME FOR LEASE, 4-bedroom, 2½-bath, large kitchen, built-ins, living room, family room, laundry hook-ups, double garage, fireplace, patio/view/etc. \$1500/month. (818) 794-0455 eves.

PASADENA HOME FOR LEASE, large bedroom, large bath, laundry hook-up, large living room, fireplace, nice backyard with fruit trees, 2-car garage, tool shop, etc. \$700/mo. (818) 794-0455 eves.

FOR SALE—

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HELP WANTED—

SENIOR COMPUTER PROGRAMMER needed to create new program on IBM compatible. Please contact Moshe or Rudy. Days: (818) 448-7544; after 8 p.m.: (818) 577-6877.

PERSONALS—

ABD PhD STUDENT in Public Policy (a combo of PoliSci, Stats, Econ) wishes to join or form a Dissertation-Support Group with other ABDs, preferably in related/SocSci fields. Call Heather Campbell at (818) 791-5543.

GENIUS—34, Male, 5'7", 160 lbs. with varied interests in NASA, Computer Science, and Nuclear Engineering. Seeking petite white female 4'10" to 5'2" with short dark hair, 25-35, no kids, Engineering Degree, heavily involved in the space program, computer literate, and an excellent cook. Reply to: Mike, 901 S.R. 434, Altamonte Springs FL 32714. Full-length picture and note.

SERVICES—

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RATES. . . . \$3.00 for first 25 words; . . . 10¢ for each additional word. Send written ad with payment to 40-58. Deadline is 6 p.m., Monday before issue. No charge for on-campus lost & found.

German Film Series

There will be a showing of *Mathias Kneissel* (1971) in Baxter Lecture Hall on April 12 at 7:30 pm. The film series is shown in conjunction with L 132. There will be an introduction and discussion after the showing.

The film is a study of cycles of life and despair, as poverty and circumstance help to destroy a man's dreams. Director: Reinhard Hauff. Starring: Hans Brenner, Ruth Drexel, Eva Mattes and Hanna Schyguilla.

New Music Course

MU51 is new to Caltech so be the first on your block to take this neat class. This course will explore the music and related performance traditions found in China (including tribal minorities), Mongolia, Japan, and Korea. Ancient sources on music in China will be discussed, the forms of Chinese opera, chamber music and modern developments during and after the Cultural Revolution. A wide variety of traditional Japanese forms (Noh, Kabuki, Bunraku, Gagaku, and Sankyoku) and contemporary Japanese art music, as well as modern popular forms (Shigin), and the uses of music in Japanese Buddhist ritual, Tibetan Buddhist ritual music and dance, opera, and folk forms will be explored. Guest artists and films. No music background required. If there are any questions please call Prof. Catlin at (818) 785-1498.

Career Development News

Barnard College is offering its college housing facilities to students who will spend the summer in New York City. Summer housing is available from May 31 until August 19.

Hispanic Business Magazine is looking for qualified Hispanic pre-professionals and professionals who want to enter the corporate world. Their National Resume Database Service will make approved resumes available to select corporations seeking Hispanic professionals. Applications are now being accepted for qualified seniors and graduate students with a major in a math-based field.

Stop by the Career Development Center, 08 Parsons-Gates, for more information.

Monday Night at the Movies

The Caltech Film Program will kick off its film biography series on women with a screening of Alain Cavalier's *Therese* on Monday, April 10th at 7:30 pm in Baxter Lecture Hall.

Inspired by the world-renowned diary of Therese Martin, "The Little Flower of Jesus," this French film tells the life of the 19th century French girl whose love and self-abnegation led her to be canonized as St. Therese after her untimely death. The film won the Jury Prize in the 1986 Cannes Film Festival.

The film will be presented in French with English subtitles, and everyone is welcome (no admission charge).

Cinemathech: Gandhi

This week's Cinemathech movie will feature Sir Richard Attenborough's 1982 film, *Gandhi*. This internationally acclaimed biographical drama swept the 1983 Oscar with eight awards including Best Picture, Best Actor (Ben Kingsley), and Best Director. The spiritual leader's miraculous effect on the 350 million people of colonial India and its transition to a democracy is told in this epic film (and in epic length) from his beginning as a young lawyer to his assassination in 1948.

The film will be shown on Saturday, April 8th at 2 and 7 pm in Baxter Lecture Hall. Admission is \$1.50 for all.

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Political Internship

The Beckman Internship will be available for the summer of 1989. The internship, supported by friends of Dr. Arnold O. Beckman, will pay a stipend of \$2,600. It allows a selected Intern to spend the summer working in the office of a politician and to see from the inside the process of government. The Intern is expected to make arrangements with the appropriate political persons. It is open to any Techer who intends to be a Caltech undergraduate next year. If interested, submit a brief proposal describing where and how you would use the stipend, to the Deans' Office, 102 Parsons-Gates, by Monday, April 10th.

Guitar Classes at Caltech

Guitar class for the spring quarter will meet on Tuesdays starting April 11 in Rm. 1, SAC. The schedule is as follows:

Beginning class, 4:30-5:30 pm

Intermediate class, 3:30-4:30 pm

Advanced class, 5:30-6:30 pm.

Classes are free to Caltech students (and other members of the Caltech community, space permitting). Undergraduates can receive 2 units of credit if they choose. Classical and Flamenco repertoires will be explored but the techniques transfer to other styles of guitar. The Beginning Class includes a jazz and folk chord system. Private instruction on any level can be arranged. The instructor, classical guitarist Darryl Denning, has an international recording, performance and teaching background and can be reached at (213) 465-0881.

Free Concert Tickets!!!

The Master's Office has 4 Coleman Chamber Concert tickets: 2 for Nathaniel Rosen on Sunday, April 9, and 2 for Chicago Pro Musica for Sunday, April 30. We also have one ticket for the opera *Orpheus* at the Music Center on June 28th. All are free.

Optoelectronics Talk

Dr. Amnon Yariv (Aph) will present an informal discussion of current research in optoelectronics. Topics include laser applications to communications. Wednesday, April 12 at noon in Winnett Clubroom 1. Open to everyone. Bring your lunch!!

Passover Seder at Caltech

Celebrate the Passover holiday at Caltech's annual Seder on Wednesday, April 19 at 6:30 pm in the Athenaeum. Hillel Rabbi Michael Perelmuter will lead a traditional service and a Kosher meal will be served. Cost: Caltech undergrads and grad students—\$7.00. Post Docs and Faculty—\$10.00. For reservations, call Louise at 447-2003.

Kung Fu Classes

The Chinese Martial Art (Kung Fu) classes are now on Tuesday and Thursday night, 7-9 pm in Winnett Lounge. Our goal is to learn self-defense, to build self-confidence, to develop power & flexibility, and to improve mind-body coordination. The class will be taught by Master Liplin Aug and his pupils. Master Aug studied in Shaolin Temple in southern China, and has been training for forty-five years and teaching for twenty-five years. Classes are in a variety of styles at beginning and advanced levels. New students welcome. For information, call Chong Chen, x6859, or stop by the class.

Y Book Exchange

Bring your used, unwanted textbooks to the Y. We take them, display them on our bookshelves, and sell them to poor suckers who will use them in the future. They get a good deal on textbooks, you get some of your money back. Let's band together to beat high textbook prices. The Y also has ring and report binders, and novels new and old.

Coffeehouse Hours

Coffeehouse hours are 8 pm-1 am, M-F and 12 noon-2 pm, 7 pm-1 am, Sat-Sun. If you have an idea for a special event, see Head Manager Barry Lind or Nancy Matthews, SAC. Also, those interested in waiting at the Coffeehouse should see Barry.

Play With Money

The Caltech Student Investment Fund meets every Wednesday in Millikan Board Room at 5 pm. We have over \$140,000 we use to buy and sell stocks and bonds. Profits buy pizza and soda for every meeting, and pay for dinner at year's end.

Polish Workshop

The Polish Language Workshop offers the opportunity to learn or review Polish in a friendly, relaxed atmosphere. It meets Thursdays from 7:30-9:30 pm in 210 Thomas September through June.

Scholarships On Parade

The Financial Aid Office has applications and/or information on the following scholarships. All qualified students are encouraged to apply. Our office is located at 515 S. Wilson, second floor.

The National Roofing Foundation is offering a \$4000 scholarship for full-time students enrolled in architecture, engineering, or other curriculum related to the roofing industry. Applications and information are available by contacting Aimee Anderson, Scholarship Coordinator, National Roofing Foundation, One O'Hare Centre, 6250 River Road, Rosemont, Illinois 60018.

The Planetary Society offers a variety of scholarships and awards. Students may obtain details of our programs by filling out and mailing in a postcard (available in the Financial Aid Office). Deadline is April 15.

The American Petroleum Institute will grant scholarships to students with permanent residency in Kern County. The awards are to be used to further studies related to the petroleum industry. For more information, contact the Financial Aid Office. The deadline for applications is May 8.

The National Italian American Foundation offers various scholarship opportunities to assist Italian American undergraduate or graduate students. Deadlines vary through May.

Applications for the *1989 Japanese Government (Monbusho) Scholarship* for third year American students (U.S. citizens) specializing in Japanese studies are currently available at the Consulate General of Japan. For more information, contact the Financial Aid Office. The deadline for applications is May 5.

The Automobile Hall of Fame is committed to contributing to the welfare of the industry by providing assistance to graduating students interested in a career in the automotive industry. Two programs, the Outstanding Scholars Program and the Hall of Fame Resume Bank, are designed to attract promising students. The deadline is May 31.

The Red Door Café

We now have evening hours on Monday-Thursday, 7:00-10:00 pm. Stop by for cappuccino, 12 kinds of fruit juices, and home baking by Pat Robb! We're also open Monday-Friday, 2:30-5:30 pm.

Housing Lottery Deadline

Don't forget to turn in your pink Lottery Participation Card if you are planning to participate in the new lottery system for your fall housing. The deadline date is April 14, 1989. Pink lottery cards are to be turned in at the Master's Office.

Women Student Leaders

The Fifth National Conference for College Women Student Leaders will be held June 1-3, 1989 at the George Washington University in Washington, D.C. Over 350 women student leaders from around the country will meet to explore their leadership styles, develop their leadership skills, and discuss issues related to women, both on their campuses and beyond. For more information and how to participate, see poster on bulletin board outside Nancy Matthews' office in the SAC (Rm. 64).

Passover Observance

Passover observance this year is April 20-27, 1989. The first and second Seders are on the evenings of April 19th and 20th. Any Jewish students who wish to have Seder dinner with a family in the community should call the Pasadena Jewish Temple Office at (818) 798-1161.

Red Cross Disaster Training

Red Cross Disaster Services volunteers are trained and ready to respond to assist the victims of any man-made or natural disaster every day of the year. Emergency food, shelter, medical attention, and other assistance is provided to disaster victims in order that they regain self-sufficiency as quickly as possible.

Citizens interested in helping their friends and neighbors may volunteer for American Red Cross and sign up for free Disaster Services training courses and workshops on various facets of disaster work.

Call the Pasadena Chapter at (818) 799-0841 for information.

Summer Counselor Applications

Applications are now available in the Master's Office for undergraduate students who are interested in being a Summer Counselor for the Summer High School Program. The remuneration for the position is a free room for the summer program period from June 25 to August 25, 1989. The deadline for students to submit an application to the Master's Office is April 17th.

Don Shepard Fun Fund

The Don Shepard Fun Fund is now available for undergraduates beginning 3rd term. It has been expanded to include, in addition to dinner at a "fancy" restaurant, cultural events such as ballets, classical concerts, operas and plays. A sign-up sheet will be posted on the bulletin board in front of the Master's Office from April 3rd through April 19th.

Don Shepard Essay Contest

The Don Shepard Essay Award contest is open to all freshmen, sophomores and juniors. Three \$300 prizes will be awarded.

To qualify for one of the prizes you must submit an essay (around 500 words) typed, or neatly and legibly written, describing a program for your social and cultural enrichment, whether it be buying books or records, taking lessons, or traveling or sight-seeing.

The contest will run from April 1 to May 15, 1989 and you may bring your essay to the Master's Office during that time. Winners will be announced the week of May 15th.



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