

# Rabin Assassinated at Peace Rally

by Shay Chinn

"It is a shame that people resort to violence to solve their problems." was the general opinion of many on campus. A bullet ended the life of a Nobel Peace prize recipient, of the Prime Minister of Israel, but perhaps most importantly a man of peace.

Long had Rabin worked to achieve a diplomatic end to the religious feud which has brewed for many centuries in the gulf. It seemed to be working, there had been accords and other agreements which had served to "bury the hatchet" so long in use. There had been some concessions made in the effort for peace and for this he was slain.

Too many of men of peace have met this end. Martyred to the causes that they have devoted so much time and effort for. For many whose cause is just it is not their sworn enemies which cause their end but

those who they count as friends and those who they have come to trust. Those who hearts are filled with such bitter hate that killing those who would make peace between them and their enemies become the enemy. It was to one of these men that Rabin fell to.

It was the Prime ministers Chief of staff who announced the death of Rabin after heroic efforts to repair the damage from the two 22 caliber bullets that killed him. It is rather ironic that for pennies one may buy those bullets. For pennies another life was extinguished.

There are many doubts which plague those who admired that man, "What could have been done to stop such a heinous act?" is a common thought on all

their minds. Rabin knew the dangers of going out to "press the flesh" to rally public support but knowing that as a man representing his nation he needed to trust those who elected him, declined to wear a bullet-proof vest, declined as he did for all the year he had held public office. His was the first assassination since the country was officially formed. All it took was a man ready to trade his life to another...

Rabin's death was not a sad day for all involved though.

In a press conference a terrorist leader Mohammed Zahhar, stated "He practiced all forms of violence against us. I'm joyful because he was punished."

It is this attitude that is shocking, that

those who are unable to gain their ends when the will of the majority has spoken turn to assassination, blackmail and fear to further their goals. Much like the Japanese subway gas attacks by a group of people disgruntled with the current way things work, there are those who use fear instead of persuasive powers to get their message of separatism and hate across to people. It is a sad fact that even in America, the great melting pot these views are common. Who can forget Lee Harvey Oswald killing President John F. Kennedy from the book depository in Texas? Who can forget John Wilkes Booths murder of Lincoln. In each of these acts, the dream that the men had stood for, the dream that their killers came to hate, prevailed. They were unable to stop the process but simply managed to kill the man, a man... it is rather a sad fact when political battles become blood baths, and it is ironic that in making peace so many has died...

*"It is a shame that people resort to violence to solve their problems."*

## Registrar's Office Moves to Registration by Mail

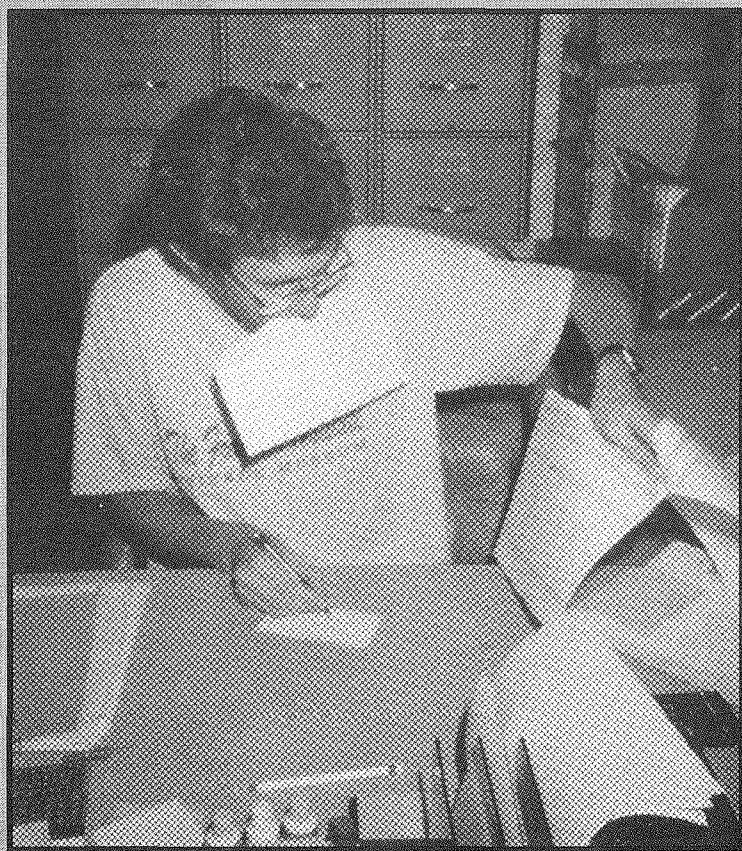
by Stephen Van Hooser

If you enjoy spending one night per term camping out in Winnett Center, you may have to start camping by yourself. Beginning this term, the Registrar's Office will be accepting pre-registration for undergrads by mail only.

On Friday, November 10, students will receive a list of courses offered second term, a Directory Information Card, a Course Registration Card, and a return envelope in their mailboxes. After selecting courses and obtaining his advisor's signature, each student needs only to drop his card in a campus mailbox by November 24th. Limited enrollment courses will not be handled by sign-ups in Winnett on Monday morning, but on a first-come, first serve basis via campus mail.

Students have "better things to do with their time than stand in a line," says Registrar Judith Goodstein. Still, some students have expressed concern over the philosophy of the new system; under the old system, spots in limited enrollment classes were "rewarded" through student sacrifice (waiting in line, possibly all night). Although the Registrar's Office has no idea in what order people are standing at the Post Office, it expects conflicts to be minimal after Add Day next term, says Linda King of the Registrar's Office.

Mail registration is actually nothing new at Caltech. Graduate students have been using it for five years. First term freshman registration is also



*Unidentified student rushes to get his registration in the mail before the post office closes*

handled by mail, and the Office estimates that, out of about 200 students, only one or two students per year wind up without their first choices after Add Day.

What other changes can you expect to see in the Registrar's Office in the near future? According to Goodstein, mail registration is "an interim, a midway...we should use the computer."

This past term, the course schedule was available on the World Wide Web; soon, the Web page will be extended to offer links between the *Caltech Catalog* and the course schedule. In the future, (possibly by the year

2000, Goodstein estimates) students may register directly by computer.

In the near future, however, the Registrar will begin shifting its distribution methods towards the World Wide Web. Starting third term, no schedules will be sent out to third year grad students (who mostly take research units), saving 800 packets, lots of money, and lots of pieces of paper. Before implementing such a policy for undergrads, however, Goodstein said she would need assurance that all students had equal access to the World Wide Web.

## Drop Day Advisory

Please be advised that the Dean's Office will sign **drop cards** for students' advisors and instructors **ONLY** if they are out of town or utterly unavailable.

The best way to get your advisor's and instructor's signature is to contact them (via phone or e-mail) and set up an appointment. Please consult the Personnel Directory for their phone number and e-mail address.

Thank you.  
*The Deans*

## Don't Like Campus Life? Read This!

Do you have any complaints, suggestions, or ideas about improving campus life at Caltech? If so, contact the **Student Affairs Advisory Committee** which is designed to discuss various issues related to the quality of life at Tech. Some issues that have already been discussed; having the lawn mowed around student houses at 10:00 am instead of 8:00 am, having the Dean's Office and the Career Development Center open during lunch hours, abolishing the need to have advisors sign add cards, etc. Student life at Caltech could improve greatly; however, the committee needs your suggestions, no matter how trivial, for implementing any needed changes. There will be a **campus-wide meeting** at Winnett Clubroom 1 on Thursday November 16 for students, especially Freshmen, who wish to express their comments and complaints. In addition, please send any suggestions to [saffcom@ugcs.caltech.edu](mailto:saffcom@ugcs.caltech.edu) or speak directly with the students, faculty, and administrators Sally Asmundson, Kevin Austin, Dann Eckstein, Steven Frautschi, Leah Foechterle, Barbara Green, Stephanie Haussmann, Mike Herrera, Ellis Meng, Richard Murray, Rees Price, Saurabh Saha, Helen Tuck, Kim West, and Jian Zhang.

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Letter

Crossword puzzle

Dear Editor,  
Just as I'd suspected:  
In the last crossword, one of the across clues was "Wei-Hwa's Grandmother, et al" and the answer was "Protestant". A poor clue, but an acceptable one.

Another across clue was "(whatever number) across's Sunday chore". I feared the answer would be "mass", and I was right.

In general, Protestants do not celebrate Mass — Mass is usually associated with Roman Catholic celebrations of the Eucharist. This clue betrays Wei-Hwa's vast ignorance of the world in which he lives.

You should have somebody write the crossword who isn't a complete ignoramus. Or, better yet, rid the Tech of puzzles altogether.

Your Obedient Servant,  
**MIKE BENEDETTI**

We agree.  
-Eds

CAPSI Spreads the Joy of Teaching

by Maria Huang

Members of CAPSI, Caltech Pre-Science Initiative met for dinner Nov 8 to get to know each other and to exchange ideas about new projects. Founded by Jim Bauer and Jerry Pine, the organization gathers enthusiastic people who want to make teaching and learning more fun. Consisting of grads, undergrads, staff, faculty and community volunteers, CAPSI hears the voice of a diverse group, which is critical in education.

Believing that teaching can be more rewarding than pure research, a huge number of Caltech grads have started drifting toward teaching-assistant fellowships rather than research-assistant fellowships. While not losing the challenge of Caltech courses, the grads plan to interact more with undergrads and to make classes as attractive as possible.

CAPSI members interested

in teaching at elementary schools create programs that allow parents to learn science with their children. A faculty member claimed that it was interesting to hear one little kid say to his father "Dad! We need a triangular shape here so that the force and the compression will balance out," while the father observed in awe how much his son had learned.

As a general response, elementary school districts all across the world take pride in creating a better learning environment for their young ones. In fact, numerous school districts have requested to work with CAPSI so their children will not be "left behind".

Companies and toy manufacturers are now producing learning kits that serve as a personal tutors for young adults.

The center of the CAPSI is located on 287 South Hill, Pasadena, and the members look forward to meeting new comers who would like to help spreading the joy of teaching.

YNEWS

by Donna Ebenstein

Broomball is this Saturday night (November 11) from 12:15 until 3:45. Game schedules are now available at the Caltech Y. Come and have fun on the ice!

There will be Pepper Spray self-defence classes in Winnett Lounge on Thursday, November 16 starting every half hour between 12 and 5 pm.

Paul Inman will be delivering this week's noon concert. So bring your lunch out to Winnett Center and enjoy sun and music!

This afternoon at 2:30 PM come by the Y and watch the Friday Afternoon Movie. It's a great way to spend a Friday afternoon!

New VP for Business and Finance Joins Caltech

PASADENA — John Curry has taken over as Caltech's new vice president for business and finance. Curry has served as administrative vice chancellor and chief financial officer at UCLA since 1993, and brings to Caltech more than 20 years of experience in financial administration at UCLA, the University of Southern California, and Stanford. He took up his new position in September.

Curry succeeds David Morrisroe, who stepped down last year after more than 20 years as vice president for business and finance. Morrisroe also recently retired as Institute vice president and treasurer;

and in the interim, former provost Paul Jennings had served as acting vice president for business and finance.

*"Everyone who met him in the search process found him to be a very talented and astute individual."*

—TOM EVERHART  
CALTECH PRESIDENT

"I am delighted that an individual of John Curry's exceptional background and experience has accepted our invitation to come to Caltech," said President Tom Everhart when he announced the appointment. "Everyone who met him in the search process found him to be a very talented and astute individual, and is convinced that he will be a superb addition to Caltech's administration."

SEE CURRY ON PAGE 4

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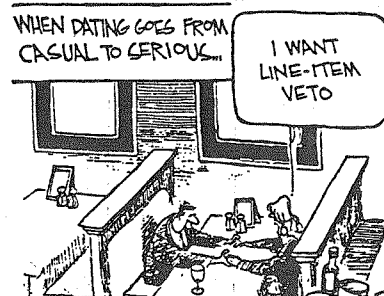
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# The Outside World

by Myfanwy Callahan

## BEIJING, CHINA—

The Dalai Lama, presently in exile, chose a 6-year-old boy as the reincarnation of the second holiest lama in Tibet. Chinese officials rounded up 75 senior Tibetan lamas last week to decide on a rival to the Dalai Lama's choice. They are expected to decide this week.

## WASHINGTON, D.C.—

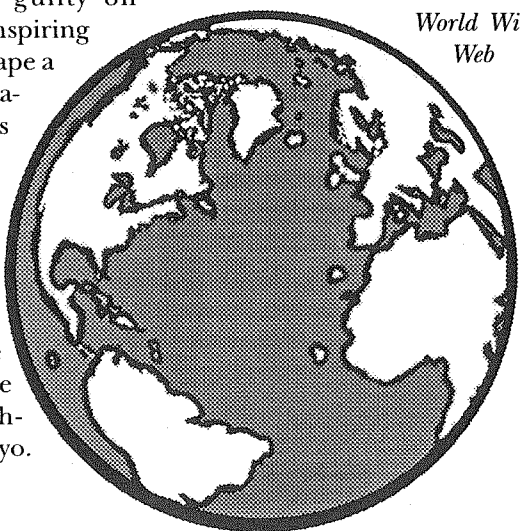
Colin Powell announced Wednesday that he will not be participating as a candidate in the presidential election. With this news and the control that they regained in the elections on Tuesday, Democrats have greater hope for President Clinton's reelection.

## JERUSALEM, ISRAEL—

Prime Minister Yitzhak Rabin was assassinated Saturday night at the end of a peace rally in Tel Aviv. Officials have arrested the confessed perpetrator, a 25-year-old law student and right wing Jewish fanatic.

## OKINAWA, JAPAN—

Three American servicemen pleaded guilty on Tuesday to conspiring to abduct and rape a 12-year-old Japanese girl. This caused great opposition to American military presence in Okinawa and threatens the security alliance between Washington and Tokyo.



## SEOUL, SOUTH KOREA—

Three of South Korea's multibillionaires were called before prosecutors Wednesday to be questioned on suspicion of contributing to a \$653-million slush fund that former President Roh Tae Woo accumulated during office. They will also question CEO's from some of the top conglomerates in South Korea.

## KIGALI, RWANDA—

Government forces killed 300 former Rwandan troops in a 2-day raid on an island near Zaire. This was their heaviest attack on rebel forces yet. Rwanda's government is dominated by the county's Tutsi minority and many Hutu troops have fled to Zaire and other neighboring countries.

## COLOMBO, SRI LANKA—

After a three week military offensive, the government of Sri Lanka reached the city of Jaffna, the rebel stronghold of the Liberation Tigers. The rebels seek independence for Sri Lanka's Tamil minority. The government has thus far rejected any UN assistance in caring for those fleeing from the fighting.

Sources: *New York Times*,  
*L. A. Times*,  
*World Wide Web*

# !!CAVEAT PLUTONIUM!!

by Myfanwy Callahan

Last Thursday, Dr. Gregg Herken of the Smithsonian Institute, gave a startling lecture entitled "The Human Radiation Experiments: Science, the State, and Medical Ethics in Historical Perspective." He was a member of the Advisory Committee on Radiation Experiments chosen to decide whether the experiments conducted in the U.S. in the 40's were ethically wrong, and what the motivations and effects of these experiments were. Although these experiments affected a full 4000 people, he focused on the controversial plutonium injections that three people received in a University of California study.

The experiments began in 1945 while World War II was still in progress. There was great concern as to the effect of the excessive radiation that scientists working on the atomic bomb were experiencing. Some felt it was necessary to use human subjects in experiments, testing the effects of high levels of radioactive material. Another reason for conducting the experiments was to test out methods of radiation warfare for use in the war. The University of Chicago, Rochester and University of California were authorized to conduct a few experiments on already terminally ill patients.

At the time, diagnosis was not at its best, and one of the individuals chosen to receive an injection was a man diagnosed

with stomach cancer. After they had injected him with an amount of plutonium equivalent to 450 times the lethal dose of radium, the biopsy they performed showed that he had an ulcer. One young Australian boy was chosen to receive a concoction of several different isotopes after he was diagnosed with bone cancer, and another man with bone cancer was subjected to this, as well. None of the subjects knew

*None of the subjects knew that they had been injected with plutonium. None had been consulted and no consent had been given.*

that they had been injected with plutonium. None had been consulted and no consent had been given.

The experiments were halted in 1946 only to resume in the next year on condition that the subjects be informed of the experiment. Many patients were told that they were being injected with a new agent to control cancerous growth. This was to some extent believable because strontium was first being used then as a treatment. The facts revealed after the study show that the injections caused no identifiable harm! In fact, the two men lived to 79 and 80 respectively, far longer than their

physicians who had administered the dose. It turned out that plutonium did not have the detrimental effects of radium, or at least that it was most harmful when inhaled, not injected. The effects aside, the real question about the experiments was if it was ethical to keep the patients in the dark as to what the experiment was.

After investigating the entire affair the Advisory Committee came to the conclusion that what the doctors had done was NOT unethical. It was not uncommon for a patient not to be informed about his treatment. This breach of current medical ethics was thus comparatively small. The real ethical problem was that the government kept the experiments confidential because of embarrassment and fear of liability. The officials of the Atomic Energy Commission, in keeping this secret, made it impossible for any benefit to come of the experiments. As the results were not published in medical journals so that physicians could use it, thousands of people were put into danger for no reason. This was the unforgivable aspect of the radiation experiments.

The lecture gave a new twist on ethics on the governmental level and really illustrated pertinent topics of concern. Thursday's lecture was one of a continuing series of Science, Ethics, and Public Policy seminars. Look for others in the Weekly Calendar.

Thursday's lecture was one of a continuing series of Science, Ethics, and Public Policy seminars. Look for others in the Weekly Calendar.

This Saturday  
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in Beckman Auditorium  
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# Caltech Works for Human Rights

by Mark Roulston

Caltech's Amnesty International Group is working with groups in France and the U.K. to write letters on behalf of a prisoner held by the Egyptian government. The prisoner, Abd al-Daim al-Wardi Ahmed Ali, was arrested on August 26, 1992, and reportedly tortured while in detention before being transferred to a prison in Egypt where he is still being

held. The group is working to have the Egyptian government either charge him with a crime and provide a fair trial or release him.

Caltech Amnesty members are writing letters every day in November to the President, Prime Minister, and Minister of the Interior of Egypt as well as sending copies to the Egyptian ambassador to the U.S. and the U.S. ambassador to Egypt. They are hoping that these efforts will draw attention to human rights violations in the Egyptian prison system. Amnesty International has recently called upon the Egyptian government to investigate the high number of deaths that have occurred in custody in Egypt. Twenty six detainees are believed to have died this year with the

highest number of deaths occurring at the al-Wadi al-Gadid prison west of the city of Asyut on the River Nile. In most cases the Government has not released the results of autopsies to the families of the deceased and sometimes even death certificates have been withheld. Amnesty believes that

*Caltech Amnesty members are writing letters every day to Egypt*

the factors contributing to the high number of deaths are overcrowding, poor hygiene as well as ill-treatment and torture. The groups in France and the U.K. are working on the same prisoner case. The French group wrote letters every day of October and the U.K. group based in Buckinghamshire will be wrapping up the final days of the campaign with letters throughout December.

In connection with their Egyptian campaign Caltech's Amnesty group will be showing a video entitled *Islam and Democracy* on November 14 at 7:30 p.m. in the Catalina I recreation building. They also meet on the 4th Thursday of each month at 7:30 p.m. at the Caltech Y (Winnett Center) and welcome everyone to attend their meetings. For more information, contact Jim Smith at x4727 or [jmsmith@juliet.caltech.edu](mailto:jmsmith@juliet.caltech.edu).

# Former Soviet Union Faces Health Crisis

by the Humanities Department

Dr. Kate Schechter, visiting professor at the University of Michigan, spoke Thursday about the dreadful health care conditions still prevalent throughout much of the former Soviet Union. She lived there for several years and has since engaged in a long term study of the system, for it poses a curious question. With Russia comparable to the United States in size and ethniversity, why should it be their health care differs so greatly?

Some comparisons can be made fairly easily. Russia puts about 6% of their GNP towards health care whereas the U.S. uses 14%. (The 14% is an inordinately large number by world standards.) However, if you look at the number of doctors, Russia far exceeds us with a doctor for every 275 people as opposed to our doctor for every 450 people. The real difference had much to do with the prevailing politics.

After the revolution, doctors in Russia lost all autonomy and had very little status. As a "non-productive" occupation, doctors routinely earned less than a factory worker. The education they went through was, like all other education, about one third politicization. What's more, for twenty years there was no entrance exam to go into medical

school and they graduated many people who were unqualified as doctors by western standards. In the early years doctors had to do rural duty for three years, as well. This meant they would be sent out into the country where they were needed most, but many never made their way back, as they were not given permission to move back to this city. This discouraged many from becoming doctors.

*Many people avoid vaccinations because they want to avoid being contaminated by needles.*

One unexpected twist is that about 70% of all doctors are women. This is much higher than anywhere else in the world. Some might think that this showed the higher standing of women in the Soviet culture, but in fact it was simply showed how little the medical profession was valued. The initial deprofessionalization and the feminization of the profession really marked its downfall. Inadequate funding still plagues the health care system as well as a fair amount of corruption in the higher levels, keeping supplies

from the hospitals where they need them.

Health care should be a priority in Russia right now. In the past years they have had environmental disasters of enormous proportions, including Chernobyl and the draining of the Aral Sea. Women tend to have far more abortions in Russia, because of the lack of enough contraceptives, and thousands die of infection from poor treatment. Many people avoid getting vaccinations because they want to avoid being contaminated by needles. This led to an enormous number of cases of diphtheria, 50,000 in 1994, as compared to the one case in the U.S. Conditions in hospitals are often very poor and privatization of the health industry is occurring very unevenly throughout the country.

Dr. Schechter showed conclusively the inadequacy in the health care system in Russia. Combined with the general psychological malaise of the day, this means that thousands are struggling simply to remain healthy. This is just one more crisis for the former Soviet Union to bear.

This lecture was one of many Science, Ethics, and Public Policy seminars to occur this term. They are held in 110 Baxter, Thursday afternoons at 4:00. Come and learn about current topics from around the world.

# CURRY: Caltech Hires New Vice President

CONTINUED FROM PAGE 2

Curry holds a BA in physics and an MA in mathematics from West Virginia University. He completed the coursework for a doctorate in mathematics at Carnegie Mellon University in 1967, where he also served as instructor in mathematics from 1965 to 1967. From 1967 to 1973, he was a lecturer in mathematics at Pittsburgh's Chatham College.

In 1973, Curry went to Stanford, where he was a National Institutes of Mental Health Fellow, pursuing studies in organizational research and serving as a lecturer in sociology. In

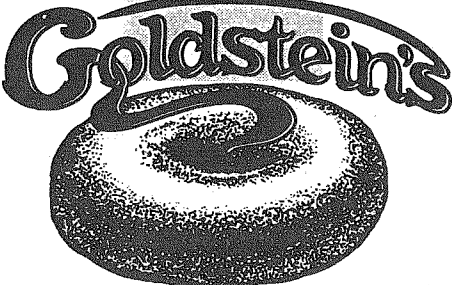
1975, he joined the office of Stanford's provost, as an intern in university financial management.

He went to USC as assistant to the university's executive vice president in 1976, and was appointed director of management planning in 1978. He was named executive director of the university budget in 1980 and became USC's vice president for budget and planning in 1986, a position he held until 1993, when he moved to UCLA.

The author of more than a dozen articles in the areas of academic finance and organizational management, Curry is a

member of the National Association of College and University Business Officers, and a member of the board of trustees of Pasadena's Chandler School, where he served as chair of the finance committee from 1992 through 1994. He has been a management consultant to a large number of institutions, including Columbia, Indiana University, Southern Methodist University, the University of Michigan, and the University of Miami.

On a more personal note, Curry is a resident of Pasadena, married to Kristine Dillon, USC's associate vice president for student affairs, and has two sons.



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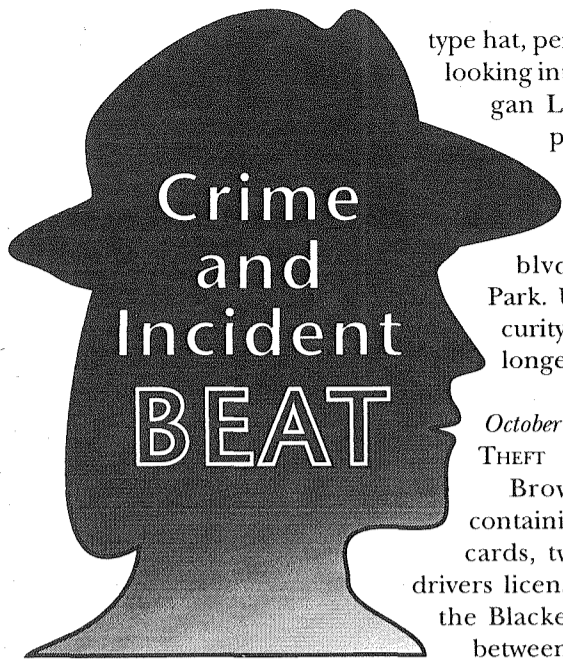
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type hat, pendelton type jacket looking into the cars in Michigan Lot. When the suspect noticed that he was being watched, he ran across Del Mar blvd. toward Grant Park. Upon arrival of security, the suspect was no longer in the area.

October 23, 1995

**THEFT**

Brown leather wallet containing \$3.00 two credit cards, two ATM card and drivers license was taken from the Blacker House room 44 between the hours of 2:00 a.m. and 3:00 a.m. Victim did not secure his room when he left for an hour. Upon returning to his room he discovered his wallet missing.

**THEFT**

Green Trek Mountain bike was taken from the bike rack located on the south west side of the Ruddock House. Victim secured bike with a cable lock on October 16, at 3:00 p.m. Victim noticed the bike missing on

October 23, at 4:00 p.m.

October 28, 1995

**THEFT**

Sixty CDs various artist, value at \$700 was taken from the Blacker House, room 40. Victim left door unsecured and went to sleep at 1:00 am., when she woke up the following morning the CDs were missing.

October 29, 1995

**SUSPICIOUS PERSON**

Oriental male, 58", 160 lbs, black hair, black eyes, light complexion, age 19, wearing a black T-shirt, light blue baggy shorts. Suspect was reported to be causing a disturbance at an undergrad party. Upon arrival of security suspect was observed taking a bike from the Blacker House bike rack. Suspect could not provide proof of ownership of the bike. Suspect was escorted off property. Bike is being held at the Holliston Parking Structure until proof of ownership can be provided. The bike is described as a black "Shimano Equipped" mountain bike with a rear flat tire.

# An Inflammation of Parking Violations

by Terry Moran

**Question:** When is a "Parking Limit 2 hours" sign NOT a "Parking Limit 2 hours" sign?

**Answer:** When you park in the City of Glendale!

Incredibly, in the City of Glendale, I was to find out this past summer that parking in a space on a block (for less than two hours), and returning later in the day to park on the same block, although in an entirely different spot, gave the City of Glendale the 'right' to issue me a traffic ticket.

What the sign says is "Parking Limit 2 Hours" but there is a catch! There is a "Code 27-107" written at the bottom of the sign. And this Code means something entirely different! What it means is that you cannot park within a 300 ft. distance (essentially the same block) during two different time periods within 24 hours! A lawyer I know told me that what the city is doing is not only illegal, but probably unconstitutional! The city is "violating a citizen's rights

by improper posting of signs."

Specifically the code states "On any calendar day, successive acts of parking within a distance of 300 feet on any street, part of street, or municipal parking lot, shall be deemed a single act of parking ....."

So... you could stop at a dry cleaners for 10 minutes and drop your laundry off at 10:30 a.m. and return at 3:00 p.m. and pick it up - and if Molly Meter Maid sees your car parked on the same block at those two times, she can (and WILL) issue you a ticket that the City will sustain - even after you go to a hearing and plead your case!

This is by far not the only case I have heard of or experienced of parking ticket injustices in the LA basin. I, as well as many of my friends, have fallen victim to the parking ticket banaza in Santa Monica. When Santa Monica, which boasts a large majority of its GP from tourism, found a approximately million dollar deficit in their budget, they found a

SEE TICKET ON PAGE 6

October 19, 1995

**THEFT**

\$100 change fund for concessions sales, along with approximately \$35 in pre-event sale was taken from the concession at Beckman Auditorium on October 13, between 8:45 p.m. and 9:00 p.m. Victim left the concession stand for 15 minutes. Victim realized the money was missing only after the event ended, when the beverage sale began.

October 21, 1995

**THEFT**

Victim placed her purse in an unsecured lobby closet of the Athenaeum at 12:30 p.m. Upon returning to the closet at 3:00 p.m. the purse was missing. At approximately 8:00 p.m., a student discovered a purse at the south entrance of the Holliston parking structure. Upon examination it was discovered to be the purse reported missing from the lobby closet of the Athenaeum. Suspect(s) unknown.

**FOUND PROPERTY**

Security discovered two boxes of syringes in Baxter Lecture Hall room 128. Property was turn over to the Safety Office.

October 22, 1995

**SUSPICIOUS PERSON**

Security responded to a report of a black male, approx. 6 ft. tall wearing a maroon beanie

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## Visiting MIT Profs to Teach New Course About Genetics and Society

SES/H 156 will be taught in the winter quarter on Tuesday evenings by Professor Kevles and Professor Evelyn Fox Keller, who will be visiting Caltech from MIT. Exploring the development of genetics in its social and economic context since 1900, it will deal

with a variety of interrelated topics, including eugenics on the political right and left; human genetics; the emergence of the physical and chemical gene; the development of biotechnology, genetics, and disease; and the *Human Genome Project*.

## TICKET: Poor Parking Policy

CONTINUED FROM PAGE 5

Santa Monica. When Santa Monica, which boasts a large majority of its GP from tourism, found a approximately million dollar deficit in their budget, they found a short-sighted solution that found high return profits: raising the penalty price on parking violations and then overticketing. Armed with pocket machines that give a new meaning to the name "Ticketmaster," parking enforcement agents are now able to ding the frequenters of 3rd street Promenade for hundreds of thousands of dollars annually. The real injustice is that the parking meters only run for two hours maximum in a city where losing track of time is a unavoidable. Oh, and if they can't

get you for a parking violation, they'll often check out your car to see if their are any visible illegalities, like a missing license plate or broken headlight, and snag you with a ticket for that-for over a hundred dollars a peice. I have also heard of quite a few other cities that have attempted to implement their budgets by coming down hard on parking violations-for example, a friend of mine incurred a ticket in Hollywood for not curbing his wheels- on a completely flat street!.

The real point behind this is: if you aren't familar with any said city in the Southland, be very careful where you park. Likely, you can't trust the signs.

## Coffeehouse Burgers Food of Champions



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Sunday-Saturday  
7:30-1:00 am

## ASCIT MINUTES

NOVEMBER \*\*, 1995

Present: the BOD minus Ken and Melissa plus Francois, Mory, Seth, Grace, and Chou Hung

**Introduction: ALL W-4 FORMS MUST BE FILLED OUT BY EDITORS OF ASCIT PUBLICATIONS NOW. THIS MEANS YOU! (Little t Editors are NOT exempt from this)**

**Prologue:**

Hi. The meeting began at 10:2something. James starts the meeting because Jon is late. Rud-dock and Blacker both ask for multihouse funding. We give it to them but delay giving them the checks. Dave is forced 4-0-1 to change Greg's name in the previous minutes to "the Drunk Pumpkin." Yeah.

**Chapter 1: "Javelin Man"**

John shows up and officially presides. Grace gives us resolutions from Dan Bridges and the coaches regarding the awarding of varsity letters. After discussion, the BOD moves a little to the left, and then passes the resolutions 4-1-0 provided that, aside from starred changes, the resolution is nearly identical with the current athletic resolution. Otherwise, the BOD will hear AND see a motion to pass these new resolutions. Grace talked to Dan about the van, and Dan stole the tan AN from the golden van before telling Grace that he'll try to make sure the coaches don't monopolize the van. Grace will eventually talk with Dan about the possibility of the Athletic department ordering a van for themselves.

**Chapter 2: The EXCITING CONCLUSION of: Chou Hung and the CURJ!**

Chou presents us with a formal request from the CURJ asking for \$500 to fund 1/3 of this year's CURJ. The BOD, babe, discusses whether or not ASCIT should fund something such as the CURJ. The CURJ would only

end up benefiting at most 25 or 30 students (10 publications, 25 "raters", and 5 others). The BOD doesn't give any clubs on campus \$500 and the BOD has serious reservations (at the Hyatt hotel) about giving this much money to a publication that the SURF office, other departments on campus, and the 6 major divisions could much more easily fund. Thus the BOD moves 5-0-1 that the CURJ should submit to us a list of sources that they've asked for money along with the money they've been given before the BOD decides whether or not ASCIT should fund the CURJ.

**Chapter 3: An Interim**

The BOD discusses the presidential dinner we'll be attending Tuesday night (neener, neener, neener). James leaves to go back to work at the Coffeehouse. A lone rabbit screams, and is run over.

**Chapter 4: Mumbles**

Laura says that the van is happy and that we have \$4000 in the Caltech Van Account for a new van (the old one has rabbit on the wheels). Jon talked to Stan Borodinsky about the van, and Stan got the tan AN back from Dan before telling Jon (6-8-6) that there should be a minimum fee for van usage so houses don't simply take the van to "In & Out". ASCIT Donuts have migrated back to the front of Lloyd for the winter so that cold people who have waited outside for the donuts for 15 minutes can stand next to Lloyd and warm up. The joke is too tempting. The donuts will migrate back to the DRL's office as soon as it heats up. In the summer.

Tom just showed up in SAC 64 - housing's taking out all of the furniture. Yay. Not like you needed to know - I just thought I'd tell you. No problem.

**Chapter 11: Finances** (ha) (so funny).

Jon asks Laura to talk to someone in Finance about setting up a Caltech account for handling ASCIT copier expenses. This account would be separate from the

main ASCIT account and would help us keep track of revenues and expenditures. Kanna, after promising finances her soul, her firstborn child, and her ugs account, managed to get them to send us the ASCIT 1st term dues check. No problem.

**Chapter 12: Little Kids**

Tom says the houses are writing up proposals to replace/reupholster the house furniture. The Johns Hopkins CTY wants to put 175 7th graders at Caltech over the summer **JUST TO TORMENT US!!!** Plus they've done well on the SAT. The 7th graders. Not the Johns Hopkins people. At least it's not a requirement for the John's Hopkins people to have done well. Or maybe it is. Never mind. Caltech, in return, will get a lot of money, and 175 7th graders. A LOT of money, I hope. The house presidents know more about this than we do. Ask them. Blame them. SEE IF I CARE! Jon asks Tom to bring up the idea of putting a south or a combo on the arcade. The BOD discusses the future placement of other combo locks on campus (in the houses, around the houses, NEAR the houses, etc.).

**Chapter 13: Epilogue**

Chou leaves. I HATE this STUPID ARCADE with the **STUPID POP GOES THE WEASEL THEME** that goes over and over and OVER and OVER and OVER. Dave has to make a election by-law amendment by inserting the word HALF in the bylaws in front of the words **THE ERROR**. Dave has a math proof to explain this change. It involves some tricky algebra and the number 2'. The BOD also moves to RE-NUMBER the old resolution 15 (dues increases) to resolution 11, Section 2 (4-0-1). It's midnight. Good night, folks.

David Relyea  
ASCIT Secretary

# Princeton Review Rates Caltech Life

by Terry Moran

Princeton Review Books has released its 1996 edition of *The Princeton Review Student Access Guide to the Best 309 Colleges*. In an attempt to be more complete, the *Princeton Review* not only included academic ratings and students views of each of the 309 individual schools, but also gave the results of a comprehensive survey they ran to compare undergraduate schools on many basis not wholly academic.

The details of Princeton's impression of Caltech are not

highly surprising: Caltech life is described as "work, work, work." Also included: their survey found Caltech to be:

- #1 in the country in the category "Students never stop studying"
- #2 for "Toughest to get into"
- #3 for "Students hang out in big groups"
- #5 for "Stone-cold sober"
- #7 for "Professors suck all life from material"
- #7 for "Students from different backgrounds get along"
- #8 for "Best overall academic

experience for undergraduates" #13 for "Lots of soft drinks" #16 for "Future Rotarians and Daughters of the American Revolution" and #18 for "What Election? (least politically active)"

Princeton Review's impression, though, is just that: in the article, rotation is described as a "shopping week" at the end of which "students are matched with 'specialty houses,'" and the best thing about Caltech, according to the *Review*, is the "sports."

# TACIT's Space Pandas Storm Tech

by Laura Brady and Xavier Fan

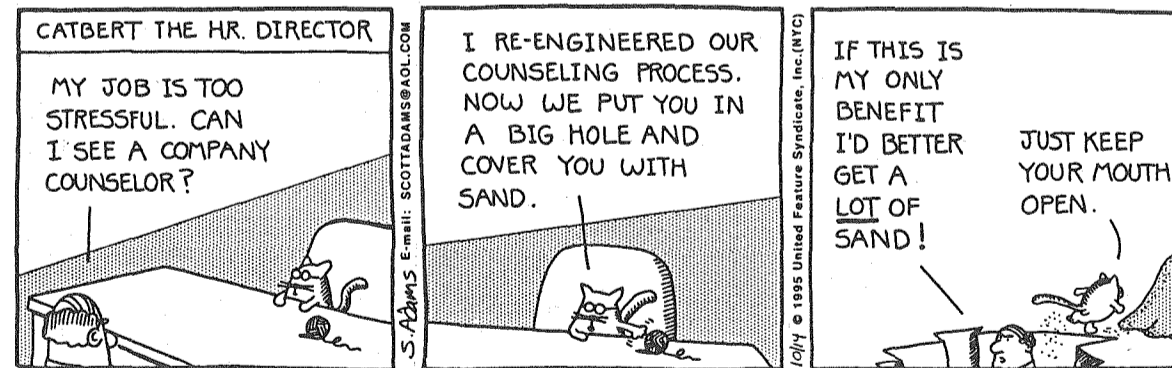
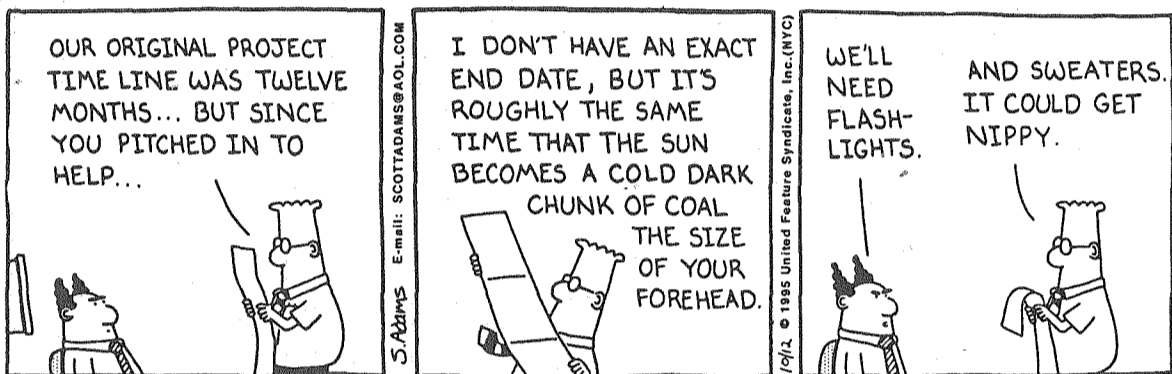
Revenge of the Space Pandas is a hilarious comedy presented by TACIT, upcoming shows are Friday November 10th at 8 p.m. and Saturday November 11th at 8 p.m. and midnight. We enjoyed the midnight showing, not only is the cast warmed up and wacky, but the audience was very receptive.

Earthlings Binky Rudich (Joe Cook) and Vivian Mooster (Daisy James) and their friend Bob the Sheep (Bradley Nelson) journey to the far off planet of *ding* Crestview when they are accidentally spun off the earth by a two-speed clock *tick-tock tick-tock*. Follow them and their adventures as the play makes parodies of different television personalities and trademarks of the SCI-FI genre. The cast seems to have a wonderful rapport and

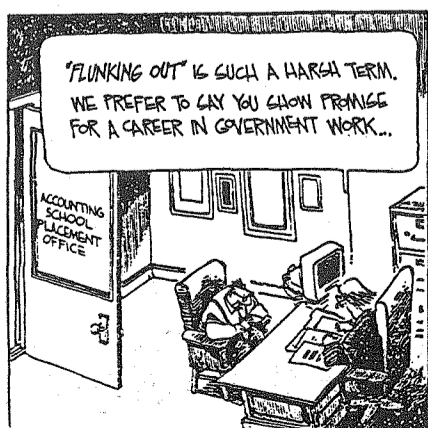
their collective efforts leave the audience in stitches.

The sound effects done by Fritz Kruger and Scott Van Essen set the mood for all the crazy rigmarole, complemented well by the lighting efforts of Luke Weisman. Overall the play left the audience feeling sillier than the actors' costumes (which were "out of this world" thanks to Rebecca Wu, Jean Armistead and Lisa Gaskell. Challenge yourself to find all the gratuitous Tech references. If you didn't have a sense of humor before you go, you will by the time you leave. Go see the show and tell all your friends to go too! If nothing else, go to see Phil in tights, Jason in webbing, Lisa and Carolyn in leopard-skin, and Fritz in leather. Student tickets are only \$5, the show is held in Winnett Lounge. Bravo to the cast and crew!

## DILBERT® by Scott Adams



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# Guitarist Paul Galbraith to Give Free Concert at Tech

by Public Events

Guitarist Paul Galbraith will give a free Paco A. Lagerstrom Chamber Music Concert on Sunday, November 5, at 3:30 p.m. in Caltech's Dabney Lounge.

Performing on an 8-string "Orpheron" guitar, Mr. Galbraith will offer a program featuring Bach's violin sonatas, transcribed by Mr. Galbraith.

Born in Scotland, Galbraith first won public acclaim in the United Kingdom in 1981 when, at the age of 17, his performance at the Segovia International Guitar Competition won him the Silver Medal. The following year, he won the String Section com-

petition of the BBC's Young Musician of the Year Competition.

These awards launched an international career during which he has performed with the Royal Philharmonic, the English Chamber Orchestra, and the Chamber Orchestra of Europe.

Recent tours have taken him to Spain, Italy, Greece, Hungary, Brazil, India, and Iceland. In addition to performing major works in the guitar repertoire, Galbraith is involved in transcribing new works by composers not usually associated with the guitar most recently the sonatas of Haydn, Schubert, and Skalkottas.

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Room 15, Student Action Center

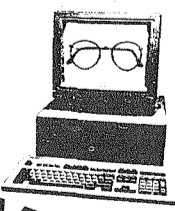
Interviews  
Wednesday, November 15th, 8:00am-5:00pm  
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COMICS

# The Great Test: FoxTrot vs. Non Sequitur

by Bill Amend

BY VIEV

Panel 1: A man says, "AARGH! THIS IS DRIVING ME NUTS!"

Panel 2: A woman asks, "WHY CAN'T I GET THE CHECKBOOK TO BALANCE?!"

Panel 3: A man repeats, "WHY?! WHY?! WHY?! WHY?! WHY?! WHY?! WHY?! WHY?! WHY?! WHY?!"

Panel 4: A woman says, "SAY, YOU NEVER THANKED ME FOR PAYING ALL THE BILLS LAST MONTH. ... SHE ASKED RHETORICALLY."

Panel 5: A man asks, "WHAT'S THE PROBLEM?" and another says "OOF!"

Panel 6: A man says, "I CAN'T GET THE LID OFF THIS PICKLE JAR." A woman replies, "STEP ASIDE, LITTLE BROTHER, AND LET A REAL MAN SHOW YOU HOW IT'S DONE."

Panel 7: A man says, "NOW OBSERVE..."

Panel 8: A man says, "THIS OUGHT TO BE GOOD FOR A FEW HOURS OF LAUGHS." A woman replies, "HOW MUCH GLUE DID YOU USE?"

Panel 9: A man says, "QUINCY, DO NOT ROLL OVER." A dinosaur replies, "QUINCY, DO NOT LIE DOWN."

Panel 10: A man says, "QUINCY, DO NOT FETCH THE BALL." A woman replies, "UM, WHEN YOU TOLD ME HE OBEYED YOUR EVERY COMMAND..."

Panel 11: A man says, "...SO THEN I TOLD HIM GLOG BLURDTH UXH N INTO THE GLUFTH SOQ..."

Panel 12: A man says, "...WHICH HE TOOK TO MEAN FUB THE COMPUTER NOMF SHUMX BLOO GOOLTH!"

Panel 13: A man says, "YOU NEVER LAUGH AT MY STORIES." A woman replies, "NOT THAT YOU AREN'T LAUGHABLE ON OCCASION."

Panel 14: A man says, "THAT'S NOT DINNER YOU'RE COOKING, IS IT?" A woman replies, "YUP. BRUSSELS SPROUT STEW. WITH TOASTED EGGPLANT CHIPS. AND WARM GINGER PUDDING FOR DESSERT."

Panel 15: A man asks, "ARE YOU SURE IT'S SAFE TO SHUT OFF POWER TO THE KITCHEN?" A woman replies, "SAFER THAN THE ALTERNATIVE."

Panel 16: A man asks, "WHICH SWEATER DO YOU LIKE BETTER, DADDY? THIS BLUE ONE..." A woman replies, "THIS BROWN ONE..."

Panel 17: A man asks, "OR THIS GREEN ONE?" A woman replies, "I LIKE WHICHEVER ONE IS THE CHEAPEST."

Panel 18: A man says, "YOU KNOW, APART FROM PAYING FOR ALL THIS, YOU'RE NO HELP WHATSOEVER." A woman replies, "THOSE ONES MARKED 90 PERCENTOFF ARE CUTE..."

Panel 1: Title: "OK, MEN... ARE YOU READY TO MARCH INTO BATTLE FOR SOME GEOPLITICAL DOGMA GEARED TO KEEP A HANDFUL OF RICH GUNS IN POWER?!"

Panel 2: Title: "THE MOMENT THE SWISS DECIDED ON NEUTRALITY..."

Panel 3: Title: "WHY THE NINETIES IS THE NO-WIN DECADE". Scene: "The Inoffensive Art Gallery".

Panel 4: Title: "THE READING OF RIGHTS IN THE NINETIES..."

Panel 5: Title: "THE BEGINNING OF GEORGE WASHINGTON'S POLITICAL CAREER..."

Panel 6: Title: "BUSINESS APPLICATION OF THE ARTS..."

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# Beavers Fight Hard on the Field and in the Court

by the Athletic Department

## MEN'S SOCCER

Overall: 0-12-2

SCIAC: 0-9-1

On Oct. 16th, the Beaver's lost to Pacific Christian. Caltech played a strong first 30 minutes. At that point the sweeper, Rob Bergeron, had to leave the game because of an injury. Before he re-entered in the second half, Tech was down 0. Brian Frazier started at goal keeper, but was still not 100% from a previous injury. Mat Barnet took over at keeper second half and recorded 7 saves.

In a frustrating game on Oct. 18th, Caltech played to a 3-3 tie against La Sierra. CIT dominated statistically, as they did in the previous match up with this team, but could not find the net enough to get the win. Of the 6 goals scored, only 2 were good shots. Tech took the lead with a goal awarded to Chris Moustakas. Kejian Wu scored the 2nd goal. After La Sierra took the lead, Moustakas scored the tying goal with a hard shot into the corner of the net. The defense, besides a couple of bad breaks, played an outstanding game.

The Beaver's began the SCIAC Soccer Tournament with a hard 1-2 loss to Occidental on Oct. 21st. Coach Howell's was very disappointed with the referee and stated, "Both teams deserved better, although Oxy were the beneficiaries of a non-call that resulted in the winning goal." Before that, Tech went ahead on a penalty shot by Moustakas, and Oxy tied the game on a direct free kick. With both teams playing well, the game remained tied until the 85th minute, when the Tigers pulled ahead. CIT's goalie, Brian Frazier had 10 saves out of 12 shots on goal, but the entire defense had an outstanding game.

In the 2nd game of the tournament, Caltech lost 1-7 to Redlands on Oct. 24th. After playing a strong game against Occidental, it was a disappointing loss. Redlands made the most of their opportunities, scoring on 7 of 20 shots, compared to 1 of 9 of CIT's. Tech's lone goal came from a penalty shop by Frankie Dias-Laurenco, after he was fouled.

In an exciting finale for the SCIAC season, Tech tied with LaVerne(3-3) in an overtime game on Oct. 28th. LaVerne went ahead in the 12th minute and increased their lead in the 15th minute on a defensive lapse. The Beavers stormed back with a

goal, by a fired up Rob Bergeron. in the 25th minute. Albert Ramirez put Tech on level terms with LaVerne by scoring with a sweeping volley. Clay Kishiyama added a 3rd goal at half-time. Urban Dabutha had all 3 assists. The 30 minute overtime period resulted in no goals being scored.

## VOLLEYBALL

Overall: 3-9

The Lady Techers took a strong La Sierra to 4 games,(10-15, 15-13, 4-15, 9-15), on Oct. 24th. Caltech played a strong offensive and defensive game. Jen Holland had 11 kills and 12 digs. Angie Bealko and Grace Yang both had 7 digs and 9 service points.

On Oct. 26th, Caltech played their best match of the season against Pacific Christian. Despite the loss, it was an exciting match that went to 5 games. 15-6, 8-15, 15-8, 9-15, 10-15. CIT really rose to the challenge with the best all-around confident play of the season. Three players had ace serves: Holland for 5, Yang for 2, and Stephanie Haussmann for 2. Yang also had 20 assists and 12 digs.

Bealko had 12 digs and Laura Verhoff and Holland had 9 digs each. Both Haussmann and Holland had 9 kills. Caltech also had strong, aggressive play at the net with Emily Ho, Diana King, and Eve Dillman all having key blocks.

The Beavers saw their toughest match of the season against Bethany on Oct. 28th. Losing in 3 (6-15, 9-15, 6-15), CIT did their best to adjust their defense to the advanced offense that Bethany ran. Strong serving and defense were the highlights of this match. Verhoff had a strong showing defensively, covering the back court very well.

## MEN'S CROSS COUNTRY

Overall: Not reported

SCIAC: Not Reported

The Caltech runners had a strong showing at the SCIAC Championship meet on Oct. 28th. CIT held their own in this meet by placing one athlete in the top six and finishing overall in a solid 4th place. The Beavers top seven runners all had personal best performances. First for Tech was Dan Kleiman, placing 4th overall with a time of 25:56 and receiving First Team All-Conference honors. Receiving Second Team All-Conference honors with an outstanding performance was Brian Barris, placing 19th with a time of 27:30. Then in rapid succession came Tom Meyer in

27th, Dave Richard in 29th, Conrad Ziesler in 36th, Tom Dmukauskas in 37th and Brad Nakatani in 43rd. "This result was the best performance of any men's team in my 11 year career at Caltech," stated Coach O'Brien.

## WOMEN'S CROSS COUNTRY

Overall: 7-10

SCIAC: 2-5

As Caltech's women runners took to the course in the SCIAC Championship meet, they gave it their all and placed 4th overall, defeating both Pomona-Pitzer and Redlands. Having lost to both those teams 2 weeks ago at the SCIAC Multi-Dual meet, the women harriers showed true tenacity and toughness in reversing their losses. Cailin Henderson again led the charge with a course PR of 19:33 to place 6th and capture a First Team All-Conference honor. Janet Sun placed 20th and took a Second Team All-Conference honor with a time of 20:32. Next was Gretchan Larson in 38th, Phyllis Chen in 44th, Karen Bletzer in 48th, Aimee Pierce in 62nd and Keri Ryan in 71st. Coach O'Brien stated, "Like the men, this 4th place finish is the best placing in conference since I arrived and undoubtedly the best in Caltech cross-country history."

## WATER POLO

Overall: 4-5 SCIAC: 0-2

The polo team played against Villanova, PA last week and the game went to the wire. Villanova opened the first stanza with 3 goals while the Techers took their shots but could not find the mark. In the second quarter Caltech came out shooting and quickly tied the score at 3, with a 2 point shot from Greene. The rest of the quarter saw goalie Brian Bircumshaw turning away shot after shot. With a 3-3 half time score, the crowd was growing as the "Caltech Marching Band" showed off their big bass drum, the team responded with five goals and a tight defense. Donovan Stevens accounted for 2 of the points while Steve Glista, Phil Rodriguez and Greene pumped in one each. With an 8-4 lead things looked good, but Villanova came out tight and Caltech looked bad as a few turnovers cost the Techers dearly. The score was Caltech 9, Villanova 8 with eight seconds remaining in the game. Caltech came out with a tight defense and the Wildcats goalie was forced to make a difficult long throw to the setter who scored with one second left in the game

and it went into overtime. During overtime three kickouts doomed the Techers with a hard 12-10 loss. Rodriguez, Stevens, Greene, and Glista all scored 2 and Brian Collins scored 1. Bircumshaw had 16 goalie saves.

Opening conference play the polo team had one good half against Whittier College as the score was 54 Whittier at the half. A few tough calls against Tech put the game out of reach and Coach Dodd used his bench. Final score was 6-17, with Collins and Greene scoring 2 each and Rodriguez and Stevens with 1 each.

Traveling out to the Redland's Natatorium and playing in the narrow pool may have hurt the overall play of the Techers but the game was much worse. Redlands took it to the Beavers from the open sprint and nothing could help. Caltech dropped this one 5-20. Mike Greene added two while Steve Glista and Jim Pierce and Donovan Stevens scored one each. One highlight came with the play of backup goalie Marrq Ellenbecker who blocked 3 in the fourth quarter.

## Men's basketball

(Preseason Outlook)

Coach Gene Victor begins his 9th season as the head coach of the Caltech men's basketball team. Assistant coach Fred Newman begins his second year. The Beavers are led by returning starters, Steve Tsai (Sr), Josh Moats (Jr), and Ben Turk (So). Other returning lettermen from the '94-'95 season are Scott Lyons (Jr), and Matt Hetterman (So). Also returning is senior Matt Goff who played and lettered his freshman year. The team is joined by 8 new comers this year, all in the freshman class.

With 4 other returning players, Caltech has a deep bench with a total of 18 players. It looks to be an exciting year for the Beavers. They open their season on November 16th with an exhibition game against the Australian Junior National Team.

## MEN'S AND WOMEN'S SWIMMING

(Preseason Outlook)

In his 16th season, Coach Clinton Dodd has high hopes for this years swimming and diving teams. The men have 12 returners and the women have four. The men are led by senior Mike Greene who Coach Dodd says, "...is argumentably one of the fastest in the conference." Look for him to do well in the freestyle and butterfly sprints, as well as the 400 IM. Freshman Wesly Tanaka will be making waves at conference with some impressive times. Sophomore, Phil Rodriguez who placed 3rd All-Conference last year, returns as a key diver for CIT. He is joined by 4 new freshman divers this year. Key returnees for the women include sophomore diver Liz Callaghan, who placed first in the conference in the 3 meter board and second in the 1 meter board. Also returning for the women are Keri Ryan, Kristie Armentrout, and Jen Holland. There also is a core of talented freshmen joining the team this year. More talent will be rejoining the team this year from a pool of talented athletes who were on campus last year but were unable to swim for various reasons. Coach Dodd is looking to improve in all areas and has high hopes with all the returnees and newcomers. The big goals set for this year include sending Mike Greene and Liz Callaghan to Nationals.

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# Cross Country Teams End Historic Season This Saturday

by Brian Barris

There is a time to make excuses, to attempt to justify why one has failed so miserably. People try to explain why they slept in so late during the summer, and why they never got off their rear and worked themselves into shape. That's what summer is for, people tell themselves. One needs the time to prepare all the excuses one is going to need to explain why one failed.

*This season they have stood up and shown themselves to be a legitimate power, striking fear into the rest of SCIAC*

Well, the Caltech Cross Country Teams have no excuses. Each man and woman was too busy training to even have the energy to come up with any lame excuses. Scattered all across the country, in contact with each other only infrequently by mail or e-mail, every individual somehow failed to think of any reasons to explain away their performance. That's why it's such a good thing that they don't need excuses. They don't need to justify themselves, individually or as a team, because this season they have stood up and shown themselves to be a legitimate power, striking fear into the rest of SCIAC when they see their shadow forms approaching out of the Saturday morning fog.

The Caltech Men's and Women's Cross Country Teams continued their historic seasons on October 28 at the SCIAC Championships at Prado Park. Both teams finished fourth, truly remarkable results highlighted by equally impressive personal performances.

The women's team was led

by junior Cailin Henderson, who finished in 6th place with a time of 19:33. Cailin was Caltech's sole representative at Nationals last year and is on track to return this year. Next for the women was senior Janet Sun, who placed 20th, good enough to earn a spot as 2nd Team All-Conference. Janet's time was 20:32 for the 5K course. Third for the Lady Beavers was junior Gretchen Larson, continuing her strong season after not competing last year. After

placing 38th with a time of 22:00, Gretchen definitely appears to have made the right choice in rejoining the team. Frosh Phyllis Chen ran a time of 22:20 and finished in 44th place. Phyllis is the class of a very large and promising group of frosh women that should help ensure Caltech doesn't return to the lower ranks of SCIAC anytime soon. The final finisher in the top 5 for Caltech was Karen Bletzer. Karen placed 48th after running a strong 22:30. The top 7 was filled out by two more young runners, frosh Aimee Pierce and sophomore Keri Ryan. Both Aimee and Keri are in their first year for the Beavers and promise to contribute for years to come. The rest of the Caltech contingent was, in order of

finish, frosh Amy Dullard, frosh Amy Chang-Chien, sophomore Katie Stofer, junior Keely Walker, and frosh Heather Dean.

The men's team showed a truly awe-inspiring team unity at the meet. The night before, Alley 3 in Fleming was host to perhaps the largest head-shaving that Caltech has ever seen. Among those going under the clippers were 8 of the top 9 runners from the men's team. Don't discount the extra seconds that were gained through the much more aerodynamic look. Sophomore Dan Kleiman continued as the dominant Caltech runner, finishing in 4th place. Dan ran an incredible time of 25:56 for the 8K course. It appears Dan may get that trip to Nationals this year that he barely missed last year. Sophomore Brian Barris finished next, with a time of 27:30 that placed him in 19th, good enough for a spot on the All-Conference 2nd Team. So, remarkably, both the men's and women's teams placed two runners in the top 20. Third for the Beavers was the lone holdout to the head shavings, Senior Tom Meyer. No one knows why Tom held out, but even though he ran

a time of 27:59, placing him 27th, one has to wonder what he could have accomplished without hair. Senior Dave Richard

came in 29th, after running 28:15. Dave has made remarkable gains this year, and it's too bad he didn't join the team in previous years. Luckily he was available to make important contributions this year. The 5th runner for Caltech was frosh Conrad Ziesler, who placed 36th with a time of 28:38. Conrad has had a

*The large, promising group of frosh women should ensure Caltech doesn't return to the lower ranks of SCIAC anytime soon.*

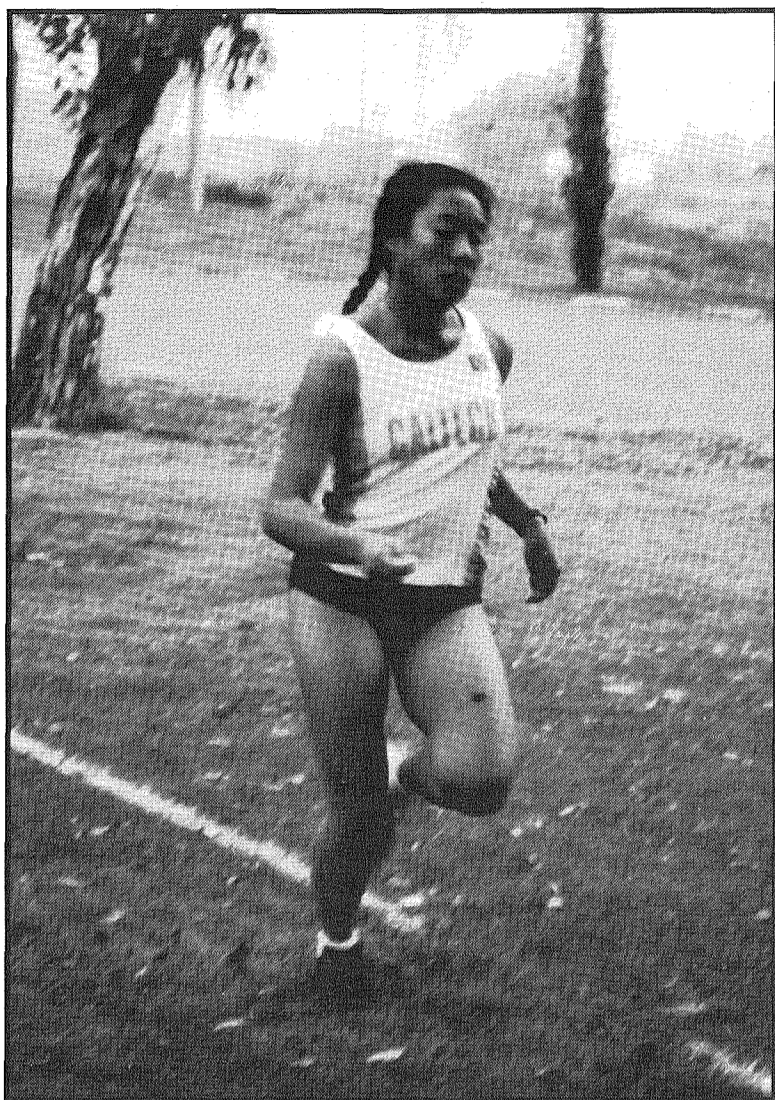


PHOTO COURTESY OF JIM O'BRIEN

*Frosh sensation Phyllis "Durf" Chen puts the pedal to the metal at the SCIAC Championships*

remarkable frosh year and leads a frosh class no less promising than that of the women's team. The runners rounding out the top 7 were senior Tom Dmukauskas, who ran a 28:42, and sophomore Brad Nakatani, in a 29:04. The men just missed having 9 runners under 30 minutes, with sophomore Harmesh Lad finishing 8th in 29:51 and junior Chris Cary coming in at 30:03. The other finishers for the immense men's team were junior Ben Siron, sophomore Leonard Sung, frosh Tom Collier, junior James Dooley, junior Seth Blumberg, frosh Richi Gilmore, and frosh Jeremy Wong.

As impressive as the SCIAC Championship results were, both teams look to improve this Saturday at the Regional Meet in San Diego. Only the top 7 people from each team will compete, and every competing man and woman seems to be in top shape and ready to run the race of their lives. The men plan to rededicate themselves to team unity, perhaps this time Tom or The Amazing Back-Tracking Coach will join in. This Saturday, if you happen to be in San Diego, come see 14 of the most dedicated athletes anywhere running until their bodies just can't take it anymore. Then see them run some more.

**WHAT'S NEXT AFTER THE FINAL FINAL?**

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# Determined Tech Hockey Team Climbs to 4-0

by Bob and Doug MacKenzie

Sometimes the angle of a single skate blade, ever so precariously placed, can determine in one fateful instant the outcome of an entire game of ice hockey. Just ask Mike Slessor, the erstwhile clutch scorer for an unstoppable Caltech team, which last Sunday won its fourth consecutive game 2-1 over Fresno State. Having sprinted to a 3-0 start this season, the hockey team found itself Sunday morning playing the role of Goliath to Fresno's team of would-be Davids. And although for a large part of the ensuing struggle between these two division rivals the visiting Bulldogs indeed seemed capable of upsetting the Caltech bullies, in the end our boys demonstrated that, while the game may have been epic in its action-packed suspense, on this weekend there would be no biblical resolution to Fresno's efforts.

The story throughout much of the game for the hometown team, which was strangely flat on offense, was the inspired play of its defense and goalie. Most notably, defenseman Marty Ross, anchoring the third line, repeatedly thwarted incessant Fresno rushes with patient, physical play and masterfully intelligent clearing passes. Likewise, net-minder Franklin Monzon displayed his usual brilliance, allowing but one first period goal before declaring the Caltech goal off-limits to hapless Fresno intruders. With the defense buying precious time for the offense it became clear that, as the second period advanced and the Caltech offense began—almost imperceptibly yet inevita-

bly nonetheless—to push the Fresno defense further and further back into its own zone, the Caltech fan(s) needed only to wait for their team to get its break.

Lightning finally struck early in the third period when undergrad sensation Mark Stewart put his team on the scoreboard and set the stage for

Slessor's heroics. Then, with just over three minutes remaining in the game Slessor found himself tied up in front of the Fresno net as the two teams battled for possession of the puck. When winger Hathan McCormack, in a tremendous show of strength and determination, finally managed to gain control and direct a shot at the opposing net, Slessor, un-

able to bring his stick to the ice yet realizing instantly that the shot would likely miss wide, delicately (and hence seemingly unintentionally) maneuvered his left blade at exactly the angle required to send the puck on its triumphant trajectory into the corner of the goal. The strike was the nail that sealed the coffin shut on an awestruck Fresno

team, which feebly skated out the rest of the match in apparent deference to the home team's superiority. Their most significant challenge of the young season successfully met, Caltech had nearly two weeks to re-energize before it once again meets Fresno tonight, away, in a game which, if won by our boys, would virtually assure them of the division title.

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Announcements

Information and applications for 1994 Summer Work-Study are available in the Financial Aid Office (MSC 12-63) now. If you are interested in Summer Work-Study, please submit the required application as soon as possible, but no later than **June 1, 1994**. The entire financial aid application must be complete by June 1st to be considered. If awarded, the work-study funding will begin with the July 4th payroll period.

Events

ξ The Caltech Y will be showing *While You Were Sleeping* for its Friday Afternoon Movie today at 2pm in the Y Lounge. Popcorn will be provided for the hungry.

ξ The Caltech Management Association presents "Better, Faster, Cheaper: The Search Goes On, revisited" on Wednesday, November 15th at 4:15pm in the von Karman Auditorium. Panelists for this presentation include Tony Spears, Mars Pathfinder Project Manager; Glenn Cunningham, Mars Global Surveyor Project Manager; Kane Casani, New Millennium Program Manager; Rob Staehle, Pluto Express Pre-project manager; and Mike Sander of the Flight Project Reengineering Team. All employees are welcome.

Bettyann Kevles, Instructor at the Art Center College of Design and Book Review Columnist for The Los Angeles Times, will be hosted in the next Seminar on Science, Ethics, and Public Policy entitled "The X-Ray Revolution: Medicine, Art, and the Technologies of Imaging" on Thursday, November 30th, at 4pm in the Judy Library.

Pulitzer prize winning sci-fi comedian David Mamet will be performing *Revenge of the Space Pandas* and *Binky Rudich and the Two-Speed Clock* on Friday, November 10th at 8:00 pm; and at Saturday, November 11th at 8:00 pm and at 12:00am! General admission tickets are only \$8, \$5 for students. Tickets available at the Caltech Ticket Office or at all Ticketmaster Ticket Centers. Call x4652 for more information.

The Caltech-Occidental Concert Band under the direction of William Bing will be

Announcements

ξ denotes a new announcement.

giving a concert on Saturday, November 11th at 8pm in the Beckman Auditorium with guest conductor Frank Ticheli. There will also be performance of John Philip Sousa's Star and Stripes Forever in honor of Veterans Day. Admission is free but limited.

Nate Lewis will be giving a Watson Caltech Lecture entitled "The Caltech Electronic Nose Project" on Wednesday, November 15th at 8pm in the Beckman Auditorium.

A two-day Blood Drive will be held in the Winnett Student Lounge on Wednesday, November 15th between 9:15am and 2:30pm and on Thursday, November 16th between 12:15pm and 5:30pm. For an appointment, please call Villa Zmuidzinas at x6001; walk-ins are welcome.

Dr. Dwayne L. Merry will narrate an Armchair Adventure travel film entitled "The Treasures of Mexico" on Friday, November 17th, 8pm, in the Beckman Auditorium. Admission starts at \$7.

Dean Elzinga will be giving a Paco A. Lagerstrom Chamber Music Concert including songs by Schubert, Vaughan Williams, Brahms, and Ravel on Sunday, November 19th at 3:30pm in the Dabney Lounge.

From the Counseling Center

**Gay, Lesbian & Bisexual Support Group:** Meets the first and third Tuesdays at 7:30pm in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation - including coming out, being out, self-discovery, coping with families... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call 395-8331.

Fellowships and Scholarships

ξ The meeting for prospective applicants for the 1996 Summer Internship in Japan will be held on Monday, November 20th at 12:30pm in room 218, Baxter Hall. In 1995, nine Caltech interns worked at Japanese companies in Japan and had a significant experience. Prerequisites include basic Japanese language capacity. Further information and application procedure will be provided at the meeting.

From the Office of International Programs, MSC 0-54, x6330

One-year cultural exchange programs in technical fields are now available to students through the Congress-Bundestag Youth Exchange Program for Young Professionals and Agriculturists. This program offers American participants the chance to learn about Germany first-hand through

a combination of intensive language study, professional or technical schooling, and practical work experience. Applications can be requested directly from the CDS International by phone or mail at DCS International, Inc., 330 Seventh Avenue, New York, NY, 10001-5010, (212) 760-1400. The application deadline for the 1996-97 program is **December 15, 1995**.

From the Fellowships Advising and Resources Office:

For further information on the following announcements please contact the Lauren Stolper at either x2150 or lauren\_stolper@starbase1.caltech.edu:

ξ Applications for the Department of Defense National Defense Student Education Grants are expected to arrive at the Fellowships Advising and Resources Office by November 13. In the meantime, this application like the NSF is now available online. Open the URL <http://www.battelle.org/ndseg/ndseg.html>. The NDSEG supports work in almost all fields of science and engineering. If your field of study does not appear on the list (e.g. astronomy), then list the field closest to it as your main field of study and your actual field under subdiscipline. (In the case of astronomy, a person would probably list either physics or math with astronomy as the subdiscipline.) If you have any other questions, please contact Lauren Stolper at the Fellowships Office. The NDSEG provides three years of support for graduate level study. Applicants must be U.S. citizens or nationals and be graduating seniors, recent alumni who have not yet begun graduate school, or 1st year graduate students. No military service or sponsorship of the Department of Defense is required of applicants. This year's application deadline is **January 17**.

Juniors, Seniors and Graduate students: Mark your calendar for the **Rotary Scholarship meeting** on Friday, December 1st at 12 noon in Winnett Lounge. The Rotary has several programs: a 1 year fellowship for study in any Rotary country, a multi-year program for those who wish to earn a degree abroad, and a short-term 3 or six month fellowship to support language study. Juniors should plan to attend this meeting in particular as the application process takes place in the winter with finalists announced in the spring/summer. Winners of this year's competition would not leave to study abroad until fall of 1997. Therefore juniors should apply this year and not wait until senior year unless they want a one year gap after graduating. Seniors should not be discouraged from applying as there are productive ways to use this interim year. Grad students can go while grad students or to do a project after receiving their Ph.D. A pizza lunch will be served at the meeting. To help us in planning numbers, send an email with the subject line titled Rotary Pizza Lunch and let us know your name, year

of study, and your favorite toppings and if you usually eat more than 2 large slices of pizza! Please send this communication to lauren\_stolper@starbase1.caltech.edu by Tuesday, November 28th.

The National Security Education Programs seeks to equip American citizens with an understanding of the less commonly taught languages and cultures to allow them to become more integrally involved in global issues in their field as professionals. Through the NSEP Undergraduate Scholarships for Study Abroad, students can study in any country except the following: U.S., Canada, New Zealand, Australia, and Western Europe. Freshmen, sophomores, juniors, and seniors may apply. Freshmen and sophomores can apply for summer, semester, or full year programs. Juniors and seniors are only eligible for semester or full year programs. Seniors may only apply for the program provided they will not graduate from the program before or during their term of study. Students interested in applying for the program should request an application from Lauren Stolper, Fellowships Advisor, by November 13th to allow sufficient time to complete the application and devise a plan of study. Completed applications are due by **November 30**, turned in to Lauren Stolper.

From the Dean's Office, 102 Parson Gates

Applications are available in the Deans' Office, 102 Parsons-Gates for the **Churchill Scholarship Program**. The one-year graduate study award is available to graduating seniors and graduate students. It includes full tuition, \$6,000 living allowance for a full-year program, and a \$500 travel allowance. At current exchange rates, the value of a Churchill Scholarship is approximately \$20,000. Churchill College is a predominantly engineering and science-oriented college at Cambridge University. Applicants must be U.S. citizens between the ages of 19 and 26. The deadline to submit a complete application to the Deans' Office is **November 13th, 1995**. Caltech can nominate two candidates to the Churchill Foundation.

The **Harry S. Truman Scholarship Foundation** awards scholarships to juniors who have outstanding leadership potential and intend to pursue careers in public service. If interested, please stop by the Deans' Office. The deadline for receipt of nominations for this scholarship is **December 1st, 1995**.

From the Financial Aid Office:

Applications and/or information on the following and additional undergraduate scholarships are available at the Financial Aid Office at 515 S. Wilson, second floor. All qualified students are encouraged to apply.

Asian & Pacific Americans in Higher Education (APAHE) is offering four \$500 non-renewable scholarships for the 1996-97 academic year. Applicants must be California residents attending at least half-time in Fall of 1996 and must have a minimum 3.5 GPA. Applicants must also have undergone special circumstances or unusual hardships, must have a need for financial assistance to complete their educational goals, and must have a community involvement or do volunteer work with Asian and Pacific American populations. To apply, complete an application and statement of candidacy and submit it to the Caltech Financial Aid Office no later than **November 24, 1995**.

The California Irrigation Institute (CII)

announces a \$500 scholarship award for junior and senior undergraduates majoring in an irrigation or water-related field of study. Applicants must have a minimum 3.0 GPA, must provide two recommendations from professors in the area of soil, water, irrigation, or other agricultural-related fields of study, and must not have previously received the award. Applicants must also write a 500-word essay on a subject dealing with water management and/or irrigation and must be willing to attend the annual CII meeting (all expenses paid). Applications are due **November 25, 1995**. For an application or more information, come to the Financial Aid Office.

The **California Park and Recreation Society Aging Services and Activities Section** announces its scholarship competition. Undergraduates and graduates may apply for the \$250 awards. Applicants need to be full-time students in the areas of recreation, leisure studies, or in an aging-related field. Applicants also must have GPAs of 3.0 or above and must have financial need. The deadline to submit applications is **November 30, 1995**.

The **American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.** is offering nonrenewable scholarships in the amount of \$2,500 to full-time engineering students in the final two years of undergraduate study. Students must have a GPA of 3.25 or above and must be involved in the fields of heating, ventilation, air conditioning, or refrigeration, or in related areas including indoor air quality, energy conservation, human comfort, or HVAC system design, operation, or maintenance. Applications are available at the Financial Aid Office, and are due **December 15, 1995**.

The **Elie Wiesel Foundation for Humanity** is sponsoring its annual essay contest for full-time undergraduate juniors and seniors. Students are challenged to examine and analyze urgent ethical issues in essays of 3,000 - 4,000 words. First prize is \$5,000, second prize is \$2,500, and third prize is \$1,500. Essays must be postmarked by **January 12, 1996**. For essay guidelines and additional information, visit the Financial Aid Office.

The **National Academy for Nuclear Training** will be awarding 100 new \$2,500 scholarships for the 1996-97 academic year. Applicants must be U.S. Citizens, sophomores, juniors, or seniors in 1996-97, enrolled full-time, with a minimum GPA of 3.0. Applicants must also be majoring in nuclear fission or electric power-related fields, and must be interested in a career in nuclear power. Applications must be postmarked no later than **February 1, 1996**.

ξ The **Association of State Dam Safety Officials, Inc.** announces its 1996 Dam Safety Scholarship Program. The scholarships are for a maximum of \$5,000. Eligible applicants must be juniors or seniors in 1996-97, must be U.S. Citizens, and must have cumulative GPAs of 3.0 and be recommended by their academic advisors. Applicants must also be in civil engineering programs or related fields, and must demonstrate an interest in pursuing careers in hydraulics, hydrology, or geotechnical disciplines. Applications and all supporting documents are due **February 15, 1996**.

ξ The **Consulting Engineers and Land Surveyors of California (CELSOC)** are offering scholarships of up to \$5,000 to undergraduates and graduates working towards degrees in engineering or land surveying. Undergraduates must be juniors or seniors in 1996-97. Both undergraduate and graduate applicants must be enrolled full-time, have a minimum cumulative GPA of 3.2, and be U.S. Citizens. Applicants must also be interested in pursuing a career in the consulting engineering or land surveying fields. Completed applications and all supporting documents are due **February 16, 1996**.

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