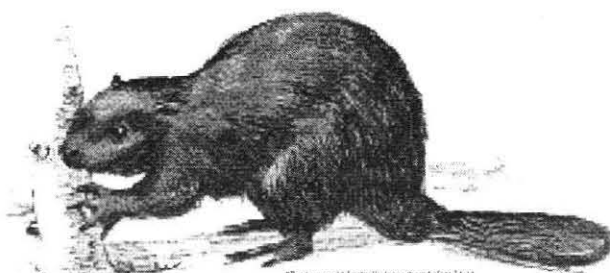


ASCIT
Election
Statements!
see pages 2-5



"But how could I actually leave them before I told them where the high school of lebanese is."

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937510582097494459230781
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72535940812848111745028
4102701938521105559644
6229489549303819644288
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The ASCIT Movie:

Pi

Saturday, 7:30 p.m. and 10
p.m. Baxter Lecture Hall

THE CALIFORNIA TECH

VOLUME C, NUMBER 16

PASADENA, CALIFORNIA

FRIDAY, FEBRUARY 5, 1999

ASCIT: STATE OF THE CORPORATION

BY BALDEEP SADHAL

Well, it's been a busy year. I'm glad to report that ASCIT is a little more together now than it was at this time last year.

Last year, at about this time, we were worried about publications. The Big T was late, the Totem wasn't appearing, and the CLUE was way behind schedule.

This year, everything is either on time, or appears to be coming along okay. The two-year issue of the Totem is out, as is the Big T, little t, UROH, and CLUE. All the credit goes to the editors and staff of their respective publications. (Thanks guys.)

I must admit, though, that I don't have the kind of communication I would like between the Board of Directors and the publications. Last year, I was pushing for a new position, "Director of Publications," that would hopefully have solved the information flow problem. I dropped that cause when people heavily involved in publications raised some valid objections and questions. I would like to see some progress made towards those problems, and I'll work towards it in the coming year.

The Coffeehouse management is handled by students now, and I'd say that business is a sight better than it was last year. I had the opportunity to manage for much of the summer, and Jenn Caron took over for part of summer and into this term. Given my experience and Jenn's, I think it's fair to say that the job of manager is far too much for any single full-time student to handle. Right now the job has been split into two positions; Matt Dawson and John Niccolai are doing a commendable job running the place.

Changes to the menu have been mentioned over the year, and we're getting closer to implementing them. Pizza is something we'd really like to do well, and I've already tested some. Fresh beef hamburgers are coming, and we plan to be adding a salad to our menu. To keep the menu and our stocking requirements simple, some

PLEASE SEE BALDEEP ON PAGE 2

He's back! The Apollo returns

BY TECH STAFF

Few things have had a longer yet nearly forgotten tradition at Caltech than the recently conserved Apollo Belvedere statue.

The statue, after almost

twenty years of disappearance, has finally found a home in the foyer of Braun Athletic Center. This addition, welcomed by the Braun family, helps to fulfill their wish that the athletic center be more than just a gymnasium.

The statue's unveiling last Monday began with Robert Rosenstone, Chair of the Institute Art Committee and faculty member of the History department, giving a short history of the Apollo's sixty-year existence.

The presentation continued with an explanation of the conservation process by John Griswald, the Apollo's art conservator. Griswald and his wife, the proprietors of Griswald Associates, worked for months to remove stains and blue paint from the statue, and to recast from marble dust the missing fingers and other missing parts, including Apollo's genitals. The reconstruction work was accomplished by examining other statues of the period to construct period-realistic replicas.

The process of conservation, according to Mr. Griswald, is not equivalent to that of restoration. Conservation leaves untouched the original artist's work, maintaining the break surfaces and casting replacement parts with a marble dust compound instead of recrafting the marble.

The replacement fingers were attached by steel rods and Apollo's new genitalia was attached with an epoxy so if the original is ever recovered it can be reattached.

Dr. David Baltimore, also a speaker at the event, gave the opinion that the statue was "a terrific opportunity to learn about the history of Caltech... and to learn a little bit about the process of restoration."

The event seemed clouded with anxiety about the future of Apollo, with both Griswald and Baltimore recognizing that the statue would now be a prime target for Caltech pranks. The speakers stressed caution for pranks, mentioning the cost of conserving the statue and the importance of the statue to Caltech's history and art collection.

Baltimore also called for a plague to explain the long and unique history of Caltech's Apollo to be placed in the Braun Gym.



PHOTO BY KUDAH MISHANBI

Among the many attendees of the Apollo Belvedere was President David Baltimore, who spoke about the need for caution in pranking this historic and valuable figure.

Professor Emeritus dies

COURTESY OF CALTECH

Toshi Kubota, Professor Emeritus of Aeronautics at Caltech from 1959 to his retirement in 1990, died Monday, February 1. He was 72.

A native of Westmorland, California, Kubota was educated at the University of Tokyo, Japan, where he received his

Bachelor of Engineering degree in 1947. From there he came to Caltech to begin his graduate studies, earning his MS in 1952 and his PhD in 1957. After earning his doctorate, Kubota remained at Caltech serving as a research fellow for two years before becoming an assistant professor in 1959. He became a

PLEASE SEE EMERITUS ON PAGE 7

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BALDEEP...

CONTINUED FROM PAGE 1

foods will be disappearing.

ASCIT's still working on getting our finances in order. Danny Abrams has made some good progress towards that goal, working with Patti Croke (our bookkeeper). We still have money scattered across several accounts, but these accounts will be tracked more closely, and perhaps eventually consolidated.

We aren't hurting for cash too badly. It is true that our inflation adjusted income has dropped to half of what it was when it was last increased, but we're doing okay nonetheless. (The last dues increase was in 1984.)

Currently you pay dues of \$20. We can always use more money, but a dues increase isn't necessary yet, and I'll make a request for an increase later if I feel it's warranted. Take a look at the budget to see where your money's going, and tell me if you think it's going to the wrong places. A full copy of the budget is on the web.

We've allocated a large chunk of cash to improving ASCIT's presence on the web. Right now we have a sorry little website that carries almost no information. In the future, expect great improvement. If all goes according to plan, Monday's election will take place both in house lounges and online.

Eventually, the new website will include a completely revamped CLUE, UROH, and Bookmarket. I'd like to add a Club Registry also—a database of all clubs, their officers, and quite possibly much more. The little t may also receive some enhancements. The project has been resolved in considerably more detail than I've outlined here. I'll save those details for another article, though. All of this might warrant a Director of Technology eventually, but we'll see how it goes.

So what else is in store for the year? I'd like to bring the Academics and Research Committee to the forefront of student academic affairs. The ARC could be doing much more than it has traditionally done. It should be an instrument for positive change on the campus. I'll work with the ARC Chair (aka the Director for Academic Affairs) to hopefully make the ARC a more active force on campus.

I might have to cut back on the size of the Friday morning donut order: people just aren't turning out like they used to. See you Friday morning at eight.

LETTERS TO THE EDITOR

The Pope does not use a Jeep

Dearest Editor:

I'm very proud of our Newman Center for organizing an event as large and successful as the satellite-linkup to the Papal Mass in Mexico City, and also very happy to see positive front-page coverage in *The Tech*. It often seemed that we Catholics on campus were invisible while I was a student.

It feels petty to point this out in the context of a visit by our Holy Father, but nevertheless I was irked by your statement that the Pope rode through city streets in a "Mercedes jeep." There is no such device. "Jeep" is a registered trademark of the Chrysler Corporation, and while Chrysler and Daimler-Benz merged last year, Mercedes has never produced vehicles under the Jeep marque. Jeeps were originally manufactured for the U.S. military during World War II, and the company has made high-quality, rugged vehicles for the civilian market ever

since under such parent companies as Willys and the American Motors Corporation, who made my 1985 Jeep CJ-7. The Pope's custom-built Mercedes "Popemobile" may be an excellent car, but it is not a Jeep.

Sincerely,
Adam Villani
Class of '95

Please send submissions for letters to the editors to:

The California Tech
Caltech 40-58
Pasadena, CA 91125

or by electronic mail to
editors@tech.caltech.edu

Deadline for submissions is Monday at 5 p.m. on the week of publication.

The editors reserve the right to edit or refuse to print any letter for any reason.

BoC SECRETARY

Kevin Bradley

Hello everyone. My name is Kevin Bradley and this year I've decided to run for ASCIT Secretary as well as BoC Secretary. I believe that my experience for the past year as BoC Secretary makes me well qualified to do both jobs. As BoC Secretary I have been responsible for taking the minutes of the preliminary investigations of the Board as well as the minutes of the full Board hearings. I've maintained the permanent files of the Board, helped to propose bylaw changes that were needed to keep the Board running smoothly and done my best to insure that reported violations have been handled appropriately. In the course of my duties I've had many meetings with Administration officials and I think this familiarity would serve me well as both BoC Secretary and as ASCIT Secretary. I've attended many ASCIT meetings over the last year and I understand the duties that would be required of me as ASCIT Secretary. This year I would like to continue to do the job of BoC Secretary and I would also like to do the job of ASCIT Secretary. Thank you.



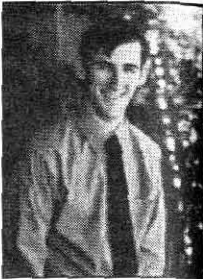
TECH EDITOR

Dave Guskin

Why should you vote for me? Well, for starters, I know how to run a paper. I did it for two and a half frickin' years in high school. I'm accustomed to whining journalists, elusive photographers, vengeful readers (usually with nooses) and the occasional assassin sent to eliminate me. I've dealt with crappy stories from crappy writers. I've slaved over twenty pages of smelly newsprint attempting to edit out gratuitous sex and libel. Yes, the world of Journalism has its pitfalls—but I can guarantee you that I've got the know-how and experience to deal with it.

You see, this election really boils down to character. I don't intend to slander any of my dog-faced, low-brow, candy-stealing, dung-infested opponents, certainly not that two-faced, double-crossing crack-using slut NO. I'm better than that. I intend to serve you to the best of my ability. I'll get the job done.

So when you're at the ballot box, choosing the "best" candidate from among me and my Commie opponents, remember—I'm not just good. I'm the best.



Y news

by Elisa Chiang

What's going on the the Y?

Mini Decompression will be held this Sunday, Feb 7 at 7:00 pm in the Y Lounge. For those of you who don't know where the Y lounge is, it is in the backyard of Steele House, right next to the pool. Join us for food, movies, satellite TV, games (we have nerf guns!) or a dip in the pool.

The Y is planning an alternative Spring Break for anyone who will be staying around. We will take a trip to somewhere else, probably Mexico, to do community service. Anyone on Work Study will be paid \$12/hr for probably 8 hours a day. The trip will probably be 3 days long. If you're interested, contact the Y. Be on the look out for more information.

We hold our meetings Mondays at 12:10 in the Y lounge. Anyone is free to join us!

The Outside World

by Cheryl Forest

IRAQ — Iraqi forces are withdrawing some SAMs (surface-to-air missiles) from the "no-fly" zones in northern and southern Iraq. According to U.S. Defense Secretary William Cohen, "I think it's clear from his [Iraqi President Saddam Hussein] that he doesn't want to lose all of his SAMs and doesn't want to place his troops in greater jeopardy...I think it's a wise, if belated, decision on his part to get back to where he belongs."

DILL, EAST TIMOR — Thousands of people have fled from their homes in terror as a result of a sharp surge in paramilitary violence in the last few weeks. Indonesian security forces have been at odds with separatists on and off since 1975, which is when Portugal withdrew as a colonial power and Indonesia subsequently invaded the country.

BEIJING — Yesterday, China sentenced a political dissident to four years in prison. In response to the conviction of Wang Ce, members of the China Democracy Party established five new party cells, which expanded its nationwide network. Wang is chairman of the largest overseas Chinese pro-democracy organization, the Alliance for a Democratic China. He was convicted on two charges of illegally re-entering his homeland and funding subversive activities.

BOGOTA, COLUMBIA — According to Colombian President Andres Pastrana, the reconstruction of his country in the wake of last week's earthquake could cost as much as \$1.5 billion. The quake, which occurred on January 25, measured 6.0 on the Richter scale; more than 900 people were killed, and more than 4,000 were injured.

CAIRO, EGYPT — More than 100 Islamic militants went on trial at an Egyptian military base on Thursday, including a man accused of being a top aide to Osama bin Laden. The defendants are accused of planning terrorist attacks in Egypt and Albania. If found guilty, the defendants could face death by hanging.

MIAMI — The Denver Broncos won against the Atlanta Falcons in the Super Bowl last Sunday.

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ASCIT TREASURER

**Danny
Abrams**

**Why You Should Vote For Me
and Not That Other Guy**
by Danny Abrams

Once upon a time, there were two candidates running for ASCIT treasurer. I was one of them, and some other guy was the other.



People everywhere were talking about this thrilling election race — either that or something else, anyway. But the important thing is, they needed to know who to vote for. That's why I wrote this article — to give you a list of some of the major differences in ideology between the two candidates, so that you, the voting public, could make a more informed decision on this crucial matter.

Me: I like money. In fact, I love money. The more, the better.

Him: He likes money, but he doesn't have the love.

Me: I like bacon, beer, cheese, etc.

Him: He likes TFM.

Me: I feel that ASCIT should spend its money on things that people like.

Him: He wants to blow it all on useful things.

Me: I have experience doing the job of ASCIT treasurer. I have never been convicted of a felony offense

involving the molestation of small children.

Him: Not true for him.

Me: I have attended more than half of the BoD meetings since I took office, and have never engaged in sexual improprieties with farm animals.

Him: Just the opposite.

If you need any more reasons than the above to vote for me, then you are a loser. You suck. But vote for me anyway.

**Sean
McHugh**

Top 7 Reasons Why Sean McHugh Should Be ASCIT Treasurer:

7. I will save millions by slowly cutting back on Dean Revel's crack budget.
6. I would never, at any time, engage in sexual relations with Monica Lewinsky.
5. I will allocate funds to purchase sexual favors for all ASCIT treasurers...of wait...that would be only me...uhhh...I can take pictures.
4. I will allocate extra funds for Friday morning ASCIT beer and donuts.
3. Us Texans are gud with moneys, just look at Ross Perot.
2. I will sell the naked statue of Apollo in Braun and if funds are left over, purchase one of Aphrodite.
1. Bad humor=Good math skills (unless, off course you are one of the few who finds this funny)



ASCIT SECRETARY

**Hanna
Kim**

Hi,

I would like to serve as your next ASCIT secretary. Mostly though, I would just like to be like Mike. Mike Astle that is. Beside just being cool, he's my hero. I don't know anyone who would be a better ASCIT secretary. I would like the chance to live up to his standard. He takes his responsibility seriously without being too anal or uptight. He gets things done efficiently, no dilly-dallying around. He knows the ASCIT bylaws and resolutions inside and out so that he can make knowledgeable and informed decisions. He helps organize and run elections so smoothly you could call him Mr. Rico Suave. Also, he takes minutes and files things like a well-oiled machine. I have enjoyed serving as your ASCIT director of social activities. I have experience with how ASCIT works and what types of things work best. If elected, I will use my experience to best serve the duties ASCIT secretary. Thank you.



**Cliff
Hicks**

I'm not even going to pretend to be capable of writing something so dramatic and moving as to convince you beyond all doubt to vote for me for ASCIT secretary. However, I don't recall anyone ever raving about the exciting drama or deeper meaning of a BoD meeting, and I am quite capable of writing down what happens at these meetings. Perhaps reading my minutes or any other report would neither make you laugh nor cry, but at least I can make them accurate. Also, despite my unwillingness to do so in my own room, I am also quite capable of keeping the ASCIT office neat and filing various documents in ways that make sense.

I am very comfortable with where I am academically and do have the time and energy to execute this job reliably. Although it is a considerably smaller job, I have done so as Blacker's treasurer for the past year. I am a junior and am familiar with how things work around here, but I have also spent too much of the last two years in my room and would enjoy the opportunity to serve student government before I graduate.



**Tom
Snyder**

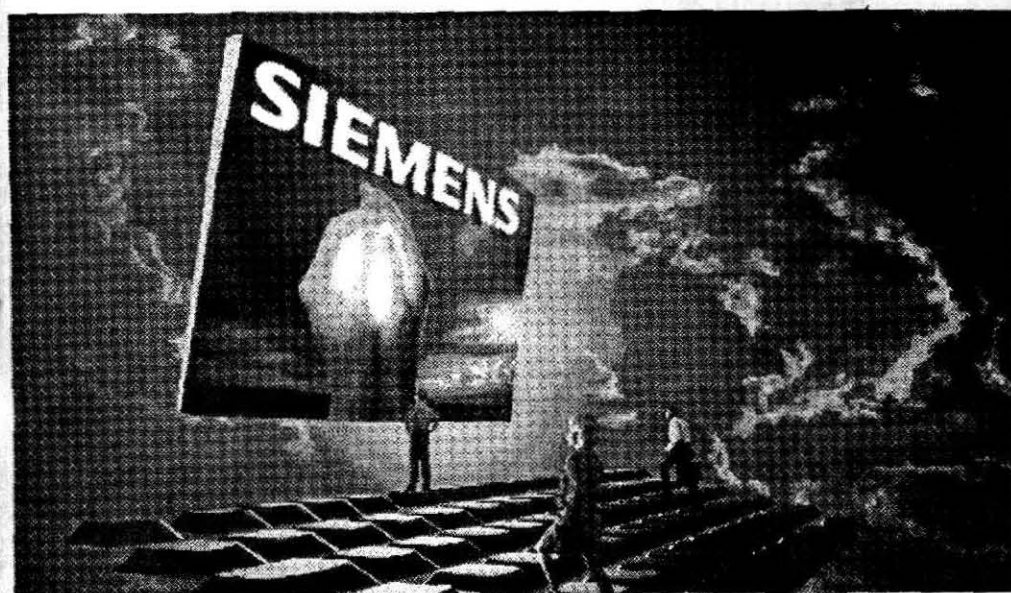
As Gore Vidal once claimed, "Apparently, a democracy is a place where numerous elections are held at great cost without issues and with interchangeable candidates." At first glance, the candidates for ASCIT Secretary might seem interchangeable. You probably think the tasks of taking the minutes of BoD meetings and maintaining ASCIT records could be done by any of the candidates.

However, by voting for Tom Snyder for ASCIT Secretary, you are choosing someone who will not only faithfully perform the secretarial duties of ASCIT this year but will also gain valuable experience to serve ASCIT in the years to come. Being an underclassman does not make me inexperienced or unfit for the office; rather it makes me the one candidate that can still be a beneficial ASCIT officer after my term as Secretary is over. Vote for the future leadership of ASCIT; vote for Tom Snyder for ASCIT Secretary.



Vote Monday
10am-10pm

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Quantum Corporation designs and manufactures storage products designed for today's digitized world and was recently tapped by Fortune magazine as one of only 18 technology companies in the top 100 companies in the U.S. to work for. The Storage Systems Software Unit within Quantum is expanding rapidly and is looking for software engineers to fill a variety of openings in architecture, implementation, simulation and testing. This group is working on the merger of computer networking with data storage, and expects to significantly alter the computer systems landscape over the next several years.

Ideal candidates will have significant programming experience in C, C++ or Java, and experience with Linux, BSD, Windows NT or embedded operating systems. Experience with computer networking and digital hardware are also desirable. Interested candidates of all majors and visa statuses are welcome to apply. March and June graduates are both welcome, as are summer intern applicants.

**On-Campus Interviews
Wednesday, February 10**

As an independent unit within a \$6 billion company, our group offers many of the advantages of both large and small companies, including competitive compensation and excellent benefits, flexible working hours, health insurance, bonuses, and an employee stock purchase plan. Please contact your Career Development Center or e-mail your resume to rodney.vanmeter@qntm.com or bob.dexter@qntm.com, indicating Job Code COCT0123RV. Fax: 800/729-9664. Quantum is an equal opportunity employer m/f/d/v.

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IHC CHAIR

Jaideep Singh

Hi. My name is Jaideep Singh. I liked being IHC Chair so I am running again. Remember a vote for me is a for you, and only an idiot votes against himself (Thanks Dan). Anyways, enough about me:

Quotes from Shaft

Who's the black private dick that's a sex machine to all the chicks?
-Shaft!
Damn right.
Who is the man that would risk his neck for his brother man?
-Shaft!
Can you dig it?
Who's the cat that won't cop out when there's danger all about?
-Shaft!
Right on.
They say this cat Shaft is a bad mutha...
-Shut yo' mouth! But I'm talkin' about Shaft... -And we can dig it.
He's a complicated man, but no one understands him but his woman.
John Shaft
-from "Theme from 'Shaft'"

Lt. Androzzi: Well, I thought you might know something I wanna know. Seems there been a lot o' low quiet rumbles goin' on uptown... our people have been able to pick of the sounds of it, but no words.
Shaft: That's cuz us black folk talk mush mouth, Lieutenant.
Lt. Androzzi: I thought we were gonna to get to it?
Shaft: We did, but you want me to pidgeon. I just said 'Up yours, baby!'
Lt. Androzzi: How come a couple o' cats from Harlem come downtown this mornin' lookin' for John Shaft?
Shaft: Well, they're soul brothers. They came down so I could teach 'em the handshake.

Tom: Hey, where the hell are you going, Shaft?
Shaft: To get laid, where the hell you going? (Laughs)
Tom (to Androzzi): That boy's got a lotta mouth on him.
Lt. Androzzi: The boy's man enough to back it up, too.
Tom: What'd he tell ya?
Lt. Androzzi: Nothin'
Tom: You gotta lean on that kind!
Lt. Androzzi: You don't lean on that kind.

Shaft: Warms my black heart to see you so concerned 'bout us minority folks.
Lt. Androzzi: Oh, come on, Shaft, what is it with this black shit, huh? (Holding a black pen to Shaft's face) You ain't so black!
Shaft: (Holding a white coffee cup to Androzzi's face) And you ain't so white, baby.

Lt. Androzzi: Well, John, what'd you get?

Shaft: I got laid.

Shaft: Sorry, I can't make it
Ellie: You got problems, baby?

Shaft: (Laughs) Yeah, I got a couple of 'em. I was born black. And I was born poor.

Ellie: I love you.

Shaft: Yeah, I know. Take it easy

Willy: Lissen, Snow White... me and you are gonna tangle sooner or later. Did you hear what I say?

Shaft: Why don't you stop playin' with yourself, Willie? You ain't gonna do shit!

Shaft (to Androzzi): You gonna take me in?

Androzzi: I will if I find ya. Are you home?

Shaft: Hell, no.

Androzzi: That's too bad. Call me when you get home.

Shaft: I will.

Androzzi: "Close it yourself, shitty!" (Laughs)

ASCIT ACADEMIC DIRECTOR

Melvin Leok

My name is Melvin Leok, and I am running for ASCIT Director for Academic Affairs. Currently, I am the Lloyd representative to the Academics and Research Committee, and serving my second term as a student representative to the Academic Policies and Curriculum Committee.

If you are like most Techers, you chose to attend Caltech because it promises the most rigorous educational experience imaginable. Then again, you might have acquired the mistaken impression during Pre-Frosh Weekend that we are a huge party school, in which case...

Whatever your reasons for attending Caltech, you have probably encountered numerous annoying hiccups that detract from the overall academic experience. I would like to assist in refining the process, so that we may capitalize on the diverse academic and research opportunities available, without being unnecessarily waylaid by petty bureaucracy.

Last year, the Academic Policies and Curriculum Committee was discussing the possibility of returning to pass / fail third term. While the average student is unlikely to be adversely affected by having third term on grades, I felt strongly that students with a less extensive mathematical preparation would be particularly ill served.

Without the buffer afforded by the mathematical review first term under the old core, students are confronted with a steeper learning curve, thereby increasing the adjustment period. The additional load associated with the new core curriculum, in conjunction with the ever-present potential for academic burnout makes third term an inopportune time to introduce grades.

As an alternative, I proposed the possibility of having a Pass / D / Fail system. This would serve to alleviate undue stress,

while addressing the concerns of faculty who were uncomfortable with passing students who had performed at a purely minimal level. The proposal met with mixed student opinions, and overwhelming faculty support for grades, and was consequently rejected.

Presently, issues that I feel need to be addressed include the formation of a Student-Advisory System to supplement the current system of Faculty Advisors, and perhaps a clearer statement as to what the core curriculum is supposed to achieve. Without a clear set of objectives for the core curriculum, it is difficult to determine how appropriate our current institute requirements are.

If you have any questions, please e-mail me at mleok@cco, or call me at 744-9985.

ASCIT SOCIAL DIRECTOR

Garrett Heffner

You want real ASCIT social ebvents? Vote Garrett "Little Hugh" Heffner for ASCIT Social Director. It's this easy ... I'll bring in



that extra little "what's missing" to ASCIT parties. Furthermore, I'll work with House social teams to make sure we don't have multiple parties each weekend, each vying for a spot on your social calendar. What does all this mean for you? You, the lucky voter, get more parties, more often, that are, all things considered, better.

Today, elect "Little Hugh" Heffner ASCIT Social Director

Brad Reynolds

Hi folks! Brad here. Most of you don't know me, but that's cool; that's why I'm writing this. I'll tell you about myself, and then you'll vote for me. Easy, huh?

So why should you vote Brad? Because I'm dedicated. Because I've got some great ideas. Because I like people (always a plus). But above all else, I should get your vote because of my hair. Yes, my hair. It's platinum blonde, almost white. If I was crazy enough to dye it this color, just imagine what else I'm capable of. I have no fear. I'll try anything. My creativity knows no bounds. Who better to be Social Director?

So vote for me. Please. I really want



to do this. I'll make it a fun year. Really, I swear. If not for me, then for my hair. Do you really want to live in a world where a guy who's 19 and has white hair isn't the Social Director of a college? I didn't think so. So vote Brad. You'll sleep better at night.
Brad Reynolds

ASCIT UPPERCLASS DIRECTOR

Eric Hale

Jeremiah Smith claims that I'm an evil bastard. Well, I've dealt with him on the IHC, and all I can say is at least I'm not a drunken child molester.

Picture this: it's dark, windy night, and little Bobby Jones is walking home from the playground. Suddenly, the ASCIT van screeches up, liquor bottles clinking in the back, tailpipe belching the very smoke of Hell. The window rolls down, and the red-dened, leering face of Jeremiah Smith



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(UNIX, ORACLE, PICK)
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appears.

His breath reeks of whiskey and toner, and his bloodshot eyes linger over Bobby's small frame. "Say, little boy! I'm got some candy for you!"

Before little Bobby knows what's happened, he's been abducted, his genitals photocopied for free on the ASCIT copier, and nude photos taken with Scott Bruce (slated to run in the next BFD).

His lusts are too powerful to stop at little boys, though. Jeremiah yearns for the nubile forms of next year's frosh class, their lush innocence as yet untainted by his lecherous advances. Consider the abuses of office: "I'm Upperclass Director at Large, little frosh... I can get you into that house, for a price." At what price comes this "service"? A lifetime of shame and self-loathing.

But what will tide Jeremiah over until the next class comes?

Don't fund Rudd porn. Vote for Eric Hale, and save little Bobby.

Jeremiah Smith

My name is Jeremiah Smith, and I just finished my term as Ruddock House President. I was more than ready to settle into a quiet, reserved life of re-



tirement, when I was stirred once more into the political arena by a new threat to the quality of Caltech life: Eric Hale. I realized immediately on hearing of his nomination for Upperclassman Director at Large that I had to thwart Eric's dirty grab for ASCIT power.

What most of you may not realize is that Eric Hale is a being of pure evil, and his twisted mind must not be allowed to taint the hallowed institution of ASCIT. You must help yourselves by helping me wrest the sanctity of our student government from his vile clutches. If this demon were to be loosed on the Caltech community from a perch of ASCIT authority, we would all be consumed in his fiery lust for mayhem and disorder.

I implore you all to strike a blow for the forces of good, and elect me as your champion. I shall vanquish this monstrous beast and save us from the from the indelible stain his election would leave on our very souls. With your support I can ensure that the noble spirit and tradition of ASCIT Upperclassman Director at Large will survive despite the malevolent attacks of the fallen Lord of the Moles.

Scott Bruce

Let me tell you a story. A story about a small child that was fascinated with copiers. He found it rather fascinating that you could put a piece of paper in one end and have a virtually iden-

tical one come shooting out of the other end. Now, you might scoff at this small child. I for one, did. I would rather not list a point by point explanation of why I can do the job. I can. It is not that hard. I think it would be rather interesting to be a productive member of the BoD and a large director. In the end, remember that I like to deal with copier repairmen, ever since I met that small child.



ASCIT FRESHMAN DIRECTOR

Derek Shannon

Hello, I'm Derek, and I was your Frosh Director-at-Large this term. My goals were: To do an awesome job on the Undergraduate Research Opportunities Handbook



and to stick up for us poor, downtrodden frosh. Did I meet my goals? You be the judge: The 1999 UROH has 60% more opportunities this year than last and a 50% budget surplus. Look in your house lounge or see the web version at <http://www.cco.caltech.edu/~ascit/uroh>. Aside from the UROH, I tried to be an excellent Speaker for the Frosh. I asked lots of questions and made lots of suggestions at ASCIT Board meetings to make sure decisions were being made for the right reasons. My fasting led to the independence of India. I discovered the source of the Nile. I took a bullet for Baldeep. And I promise to free Tibet, stand in front of more gunfire, and be an even better Frosh D-a-Lif re-elected. E-mail me: dms@cco.

Michael Hochberg

My name is Michael Hochberg and I am running for Freshman Director at large. I live in Fleming House and I intend to major in Applied Physics and/or Computer Science.



ASCIT serves an important role here at Caltech: It makes our lives easier. From the Coffeehouse to the copy machine to the many events and clubs that it funds, ASCIT has a major role in the

life of each one of us. Also, ASCIT produces a number of publications, including the UROH and the Little T.

I have significant web and desktop publishing experience, which I anticipate using to help improve both the normal publications and the web site. More importantly, though, I want the opportunity to help improve the services that ASCIT provides. If you believe that ASCIT should take an active role in making the lives of the students better, as I do, then I hope that you'll give me your vote.

Todd Bowra

I want to be the Freshman Director at Large because I want to be involved in the affairs of ASCIT. In high school, I served on committees both as a minion and as a leader so I have the experience necessary for this position.



Adam Villani

You've Got Mail
This middling remake of *The Shop Around the Corner* is amusing and inoffensive, but not really worth spending much effort watching or thinking about. Tom Hanks, Meg Ryan, and the movie as a whole are kind of nice to watch, but don't really generate any sparks. At least it does deal with the issue of the increasing corporatization of America. Maybe I'm just totally out of touch, though, because the audience I saw it with was roaring with laughter throughout the film. It was almost as if the studio had put plants into the theatre to make you think it was a funnier movie than it actually was. My roommate and his girlfriend liked it a lot, too. I guess I'd just prefer something with a little more meat on it, or at least less middle-of-the-road, but this is the country that made Tim Allen a star.



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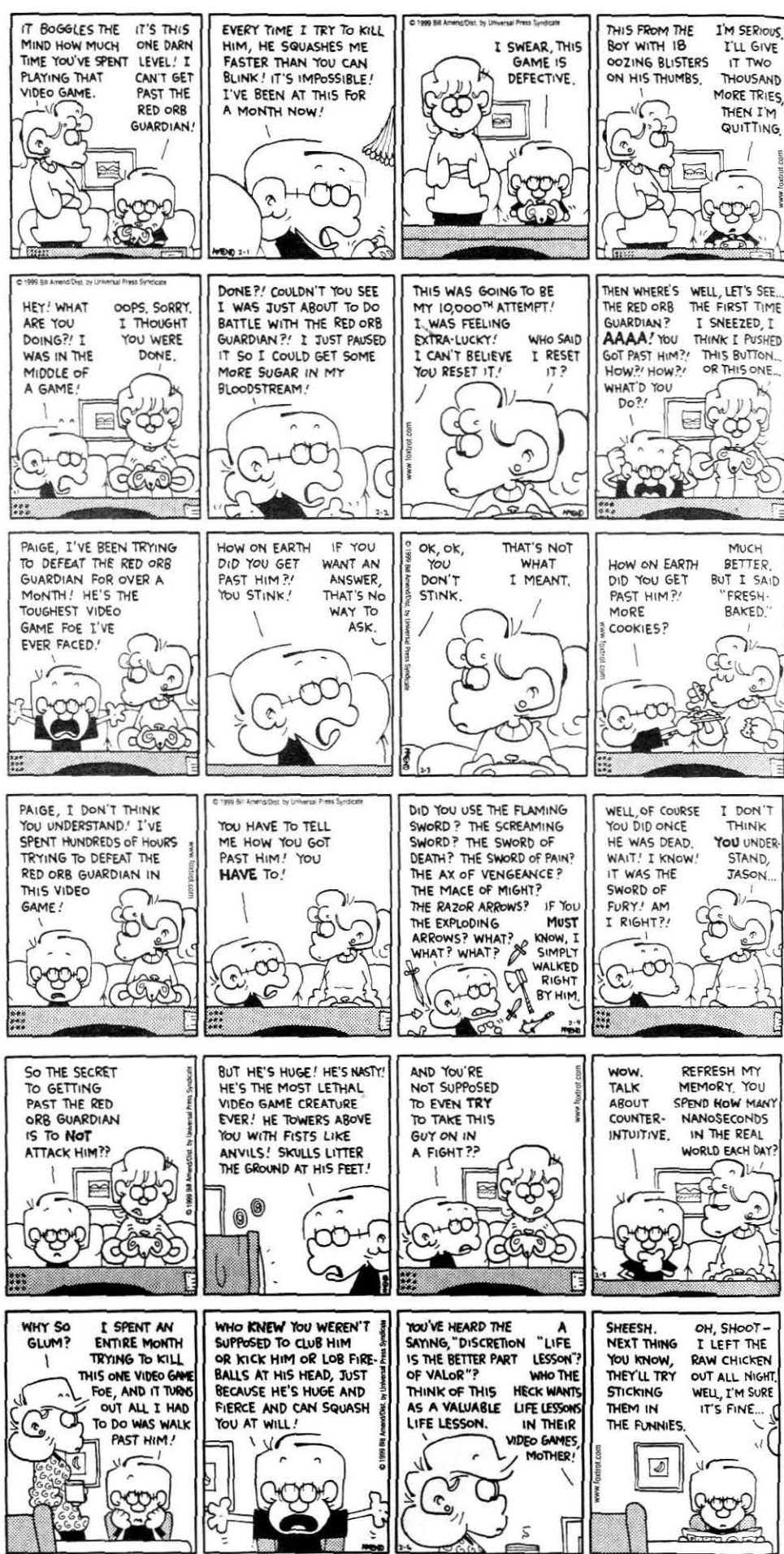
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Friday through Sunday also (11:30) and 2:00



Dean's Corner

A Matter Of Taste?

by Jean-Paul Revel

the second time, initiated Caltech's Honor System as we know it. I paraphrase his thoughts, based on the Little t of 1944. "...the happiest manner of living at college is in mutual trust of your fellow students, so the Honor System is more than merely a code applying to conduct in examinations; it extends to all phases of campus life. Not only does it permit...examinations in rooms without faculty supervision, but it also allows a person to leave belongings anywhere on the campus with the knowledge that his fellows will not disturb them, and to be treated with utmost confidence in his honesty when dealing with the faculty. The popularity of the Honor System among both the students and the faculty testifies to its success". He continues: "However, there have been a few violations and it was to deal with this small number of non-cooperators that the Board of Control was instituted, The Board of Control exists for the sole purpose of seeing that the Honor System is upheld."

The success of the Code year after year strongly supports the contention that people as extraordinary as you are can be trusted to be honest and considerate. Many of you were attracted to Caltech by the above listed benefits of a conscientious application of the code, and most of you do your utmost to follow its precepts. But somehow, now as then there are always a few "non-cooperators".

Caltech was recently visited by an Accreditation Committee, a group of academics from other Institutions representing the Western Association of Schools and Colleges, which, at regular intervals, critically reviews the School and its policies. One of the topics to which they paid

special attention in this review cycle was the Honor Code. While the Committee's report is not yet officially out I believe I can say that its members were impressed by how well the Honor Code served the Institute's purposes. It is nice to find that outsiders recognize the value of our implementation of the Golden Rule.

There are some, however, who argue that the code, while expressing laudable sentiments, is unrealistic. After all, Society at large does not act as if bound by similar rules. So are we doing our students a service by insisting on such a strong code of behavior? Are we not setting them up to be gullible prey in an unsavory and fundamentally dishonest world? To be taken advantage of in this place where making money and acquiring power, and exercising it, is what actually counts? A place where Olympic venues are awarded to the highest briber? A country

where political expediency permits successive fishing expeditions trying to pin some unlawful behavior on elected officials. A country where the president allows himself a behavior which is not permitted to ordinary folks enough said, it is too sad.

While the disjunction between Town and Gown is deplorable and a grave concern, many of us feel that the advantages accrued by living under the Code more than outweighs the drawbacks. Honesty is not just the best, it is the only policy. In science in particular, what good is a discovery that is fake? Fudging data gets one nowhere, except to disrepute. There may be some brief acclaim yes, but opprobrium will soon replace it. There are no closed problems in science. That's because a discovery is not an end, but another step in understanding. It is of value only because it can be built on, and will therefore be reconfirmed or disproved, because everything has to make sense relative to everything else.

Dishonesty bears within itself the seeds of its own undoing. In spite of its failings, the world has, in fact, kept similar ideals for a long time now. Al-

most 2500 years ago the Shakyamuni Buddha said we should strive for compassion and "consider others as ourselves", which certainly comes close. In the century before Christ the famous rabbi Hillel, asked to explain Jewish law, while his interlocutor stood on one leg, answered "Do not do unto others that which is hateful unto you. This is the whole torah and all the rest is commentary. Now go and learn.". And in the first century after Christ the Apostles Matthew (Mat 7:12) expounded on the same notion and Luke (Lu 6:31) reported Christ's sayings on the subject. Similar ideas can also be found in Islamic writings. So Caltechers, wear your honor code with pride and live its tenets. But just for fun also remember George Bernard Shaw's naughtily twisted version "Do not do unto others as you would that they should do unto you. Their tastes may not be the same."

A bientot

Jean Paul Revel

EMERITUS...

CONTINUED FROM PAGE 1

full professor in 1971.

During his 43 years at Caltech, Kubota did much research in the field of fluid mechanics, focusing on topics such as hypersonic wake flows, supersonic turbulent shear flows, and supersonic boundary layer separation. He also served as a consultant to several engineering companies, including TRW and Lockheed.

In addition, Kubota held positions in the Society of Sigma Xi, the Physical Society of Japan, the American Physical Society and the American Institute of Aeronautics and Astronautics.

CULTURE WATCH

by Cheryl Forest

PACO A. LAGERSTROM CHAMBER MUSIC CONCERT.

Sunday, Feb 7 at 3:30 PM in Dabney Lounge. Free Admission.

Candace Chang and Arjun Mendiratta (violins), Heide Li (viola), and Tom Lloyd (cello) will be performing the following selections.

KODALY: Serenade for 2 violins and viola.

RAVEL: String Quartet.

BEETHOVEN: Rasoumoffsky Quartet No.1, Op. 59

THE COMEDY OF ERRORS

Friday, February 5 at 8 PM in Beckman Auditorium. "London's superb Aquila theatre Company presents a feast for theater lovers with a sharp and dazzling staging of Shakespeare's The Comedy of Errors."

The Odyssey Saturday, February 6 at 8 PM in Beckman Auditorium. "Aquila Theatre Company brings Homer's The Odyssey to vivid life, enthralling a new generation with this fantastic tale."

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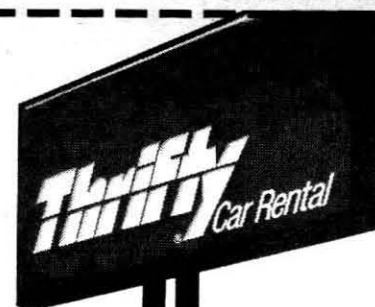
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Announcements

It's time to SURF! Even though summer seems far off, now is the time to start thinking about SURFing this summer. If you're thinking about applying for a SURF, you should begin now to look for a mentor and ask for letters of recommendation. The SURF application deadline is Monday, March 1. Check out the SURF web site at www.its.caltech.edu/~surf/ to get information on the application process, look at announcements of opportunity from specific faculty members and JPL technical staff members, and download an application. For more information, contact the Student-Faculty Programs office at x2885 or sfp@its.

In February 1999, the **Norton Simon Museum**, on the corner of Orange Grove and Colorado Boulevards, will present an exhibition underscoring a momentous era in its remarkable history: **"Highlights from the Collection and Archives of the Pasadena Art Museum."** As Part of a citywide celebration of art in Pasadena entitled **"RADICAL P.A.S.T.: Contemporary Art in Pasadena, 1960-1974,"** this exhibition gives an unprecedented look into the extraordinary collection and archives of the Pasadena Art Museum, now known as the Norton Simon Museum. The exhibition opens February 7. Contact Kimberly Gilhooly at 626-449-6840 x238.

Free anonymous HIV testing is available every Monday evening using **Orasure oral testing** at the AIDS Service Center, 1030 S Arroyo Parkway. Appointments by calling 888-448-9242 are preferred; walk-ins are welcome. Last appointment at 8:00 pm. For more information call Craig Petinak at 626-441-8495.

Looking for summer work in one of the nation's last examples of pristine wilderness? **Glacier National Park**, located in the northwest corner of Montana, is looking for students to fill more than 900 summer jobs in all segments of the hotel and hospitality areas. Positions range from hotel front desk clerks to tour guides to guest entertainment roles. For details on jobs and salaries call Glacier Park, Inc. at 602-207-2620, write to them at 1850 North Central, Phoenix, AZ. 85077-0924, or visit www.gpihr.com.

Events

****At 12:00 pm on Tuesday, February 9** a speaker from the **California Women's Law Center** will discuss their **Breast Cancer Legal Project**. The Center provides free legal services to women on the issues arising out of the diagnosis and treatment of breast cancer. Sharmila Lodhia, staff attorney for the Center, talk about some of the issues women face and the important rights and protections women enjoy under California Law. If you or someone you know has or has had breast cancer, or if you are looking for a model program designed to protect and expand women's legal rights, then this workshop is for you. This program will be held in the Women's Center, and is open to everyone at Caltech and in the community but reservations are necessary. RSVP by calling 626-395-3221.

****Theater Arts** at Caltech will present **Richard III** in Ramo Auditorium, 332 S. Michigan Ave. on Fridays, February 12, 19, and 26, Saturdays, February 13, 20, and 27, and Sundays, February 14, 21, and 28. Friday and Saturday showings are at 7:30 p.m., Friday showings

at 3:00 p.m. General admission is \$15.00. For more information call 1-800-2CALTECH or 626-395-4652.

****Raphael Green** will narrate the **Armchair Adventures travel film China: The Middle Kingdom** on Friday, February 19, at 8:00 pm in Caltech's Beckman Auditorium. Tickets are priced at \$9.00 and \$7.00 and can be purchased at the Caltech Ticket Office, 332 S. Michigan Ave., or any Ticketmaster Ticket Center. For more information call 1-800-2CALTECH or 626-395-4652 or Ticketmaster at 213-365-3500.

*****"Tools for Building Strong Families"** will be the title of the presentation at the Pasadena Civic Auditorium by Dr. T. Berry Brazelton, world renowned pediatrician, author, and family advocate on Wednesday, February 17, at 8:00 pm as part of the distinguished speaker series. Ticket prices range from \$16.00 to \$46.00 and can be purchased at the Pasadena Civic Box Office, 626-449-7360 or through Ticketmaster. For more information contact Kathy Winterhalder at 310-546-6222.

****Screw midterms! Caltech SEDS** will be holding its second **telescope construction meeting** beginning Sunday, February 7 at 2:00 pm in the SEDS lab (0011 Thomas). No prior experience is necessary. For detailed construction plans follow the Construction Instructions link from <http://www.cco.caltech.edu/~sed/telescope.html>. For other information contact Loren Hoffman at loren@cco.caltech.edu or Leon Torres at leon@ugcs.caltech.edu.

The winter term's **Earnest C. Watson Lecture Series** will kick off at 8:00 pm Wednesday, February 10 in Beckman Auditorium with a talk by Don L. Anderson, McMillan Professor of Geophysics at Caltech. The talk will be entitled "The Inside of the Earth: A Top-Down Approach to Deep-Earth Science." For more information call 1-888-2CALTECH or 626-395-4652.

The **Aquila Theatre Company of London** will give two performances in Caltech's Beckman Auditorium. *The Comedy of Errors* will be presented on Friday, February 5, at 8:00 pm, and *The Odyssey* will be performed on Saturday, February 6, at 8:00 pm. Tickets are priced at \$29.00, \$25.00, and \$21.00. Student and senior rush tickets will go on sale for \$10.00 beginning one-half hour before each performance (subject to availability). Tickets can be purchased at the Caltech Ticket Office, 332 S. Michigan Ave., or through Ticketmaster. For more information call 1-888-2CALTECH or 626-395-4652.

Violinists Candace Chang and Arjun Meniratta (junior chemistry majors), violist Heide Li (alumna employed by JPL), and cellist Tom Lloyd (alumnus at JPL) will give a **free concert** on Sunday, February 7, at 3:30 pm, in Caltech's Dabney Lounge. This is a Paco A. Lagerstrom Chamber Music Concert. The program will include Beethoven's String Quartet in F, Op. 59 No. 1 ("Rasoumoffsky"), Kodaly's Serenade, and Ravel's String Quartet. For more information call 1-888-2CALTECH or 626-395-4652.

The **Caltech Folk Music Society** will present the **Cache Valley Drifters** at 8:00 pm on Friday, February 5 in Dabney Lounge. Tickets are available for \$12.00 in advance and at the door. For additional information call the Caltech Ticket Office at 1-888-2CALTECH or 626-395-4652 or email Rex Mayreis at rmayreis@earthlink.net.

The **East Timor Action Network** is hosting a slide show and discussion of current events in Indonesia and East Timor in the Dabney House Lounge Monday, February 8 at 7:30 p.m. Contact bjp@astro for more information.

Mints

Fellowships and Scholarships

The **Asian and Pacific Americans in Higher Education (APAHE)** is proud to announce that applications are now available for the 1999 APAHE Scholarship program. Applicants must be California residents currently attending a California college, plan to enroll at least half time in the Fall 1999 term, and maintain satisfactory academic progress. Additionally, applicants must be 21 years old by September 1, 1999, have undergone special life circumstances and unusual hardships, have a 3.5 or above GPA, and demonstrate active community involvement or volunteer work with Asian and Pacific American populations. To apply, applicants must submit an APAHE Scholarship Application and Statement of Candidacy to the Financial Aid Office. The submission deadline in February 5, 1999.

The **National Institutes of Health (NIH) Undergraduate Scholarship Program** offers scholarship awards to undergraduate students from disadvantaged backgrounds that are committed to careers in biomedical research. In return, recipients are obligated to serve as paid employees in NIH research laboratories during the summer and after graduation. The scholarships pay for tuition and reasonable educational and living expenses up to \$20,000 per academic year. Applicants must be full-time for the 1999-00 academic year, have a 3.5 or higher GPA or be ranked within the top 5% of your class, and classified as having exceptional financial need. Applications are available in the Financial Aid Office. To apply, applicants must submit application form; official transcript; undergraduate institution certification form, and three letters of recommendation, preferably from professors familiar with the student's academic qualities. For more information, visit the NIH website at <http://ugsp.info.nih.gov>. The deadline for receipt of completed applications is March 31, 1999.

The Deans' Office is accepting proposals for the **Monticello Foundation and the Robert and Delpha Noland Summer Internships**. Three to five Caltech undergraduate women (current freshmen, sophomores and juniors) will be given an opportunity to participate in research projects outside the Caltech-JPL community for ten weeks during the summer. Each student will receive a \$4,000 stipend. Applicants are required to identify the projects in which they wish to participate for a ten-week period. All arrangements with the principal researcher will be the responsibility of the student. Each applicant must describe her project in a short essay and submit it to the Deans' Office, 102 Parsons-Gates, along with two faculty recommendations. Proposals are due Monday, March 1, 1999.

The **John Gyles Education Fund** is of-

fering scholarship awards up to \$3,000 for the 1999-2000 academic year. Applicants must be Canadian or U.S. Citizens, have a 2.7 or higher GPA, and demonstrate financial need. Criteria other than strictly academic ability and financial need are considered in the selection process. To obtain an application, send a self-addressed, stamped envelope to: The John Gyles Education Fund, Attention: The Secretary, P.O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B 5G4. Filing dates for mailing documents in 1999 are April 1, June 1, and November 15.

The **Fulbright Program** has started a special program for graduating seniors who are U.S. citizens and have a knowledge of **Mandarin Chinese**. Students will be able to study in China for 10 months beginning in late August of 1999. Students will need to go through the regular Fulbright application process and be endorsed by the Caltech Fulbright Advisor, Lauren Stolper. Applications are available through the Fellowship Advising Office. Call ext. 3150 or email lstolper@caltech.edu to request an application. The campus deadline for submitting completed applications will be Friday, February 19. Applications and all reference materials should be sent to Lauren Stolper, 25-58.

The **American Chemical Society Scholars Program** will award approximately 75 scholarship awards to undergraduate students interested in four-year degrees in the chemical sciences. Applicants must be African American, Hispanic American, and Native American; and be U.S. citizens or permanent residents. These scholarships are valued at up to \$2,500 for the academic year. Applications are available in the Financial Aid Office. The deadline is February 15, 1999.

The **American Chemical Society/PPG Scholarships Plus** scholarships are for incoming freshmen interested in four-year degrees in the chemistry or chemical engineering. Scholarships are renewable if initial eligibility criteria are maintained throughout undergraduate study. Applicants must be African American, Hispanic American, and Native American, and be U.S. citizen or permanent residents. These scholarships are valued at up to \$2,500 for each academic year. Applications are available in the Financial Aid Office. The deadline is February 15, 1999.

The **Chemical Society/Bayer Scholars awards** are for incoming freshmen, sophomore, and junior students majoring in chemistry or biochemistry. Scholarships are renewable if initial eligibility criteria are maintained throughout undergraduate study. Applicants must be African American, Hispanic American, and Native American; and be U.S. citizen or permanent residents. These scholarships are valued at up to \$2,500 for each academic year. Applications are available in the Financial Aid Office. The deadline is February 15, 1999.

The **American Society of Naval Engineers** is offering scholarship awards of \$2,500 for undergraduate students and \$3,500 for graduate students for the 1998-99 academic year. Applicants must be U.S. Citizens and demonstrate

a genuine interest in a career in naval engineering. The scholarship award must be for support of the last year of full-time or co-op undergraduate program or for one year of full-time graduate study leading to a designated degree at an accredited college or university. Applications are available in the Financial Aid Office. The deadline is February 15, 1999.

The **College Women's Club of Pasadena Scholarship Foundation** is accepting applications for scholarship and fellowship awards for the 1999-2000 academic year. Applicants must be female, U.S. Citizens, full-time undergraduate or graduate students, a sophomore or above, and must have a 3.0 or higher G.P.A. To apply, applicants must submit an application form; a one page, typed essay; a current academic transcript; and three letters of recommendations, preferably from professors familiar with the student's aspirations and achievements. Applications are available in the Financial Aid Office. The deadline is February 8, 1999.

The **American Electroplaters and Surface Finishers Society (AESF)** is offering scholarships to upper-class undergraduate and graduate students for the 1999-2000 academic year who are interested in careers in the electroplating and surface finishing field. Undergraduates must be full-time and majoring in chemistry, chemical engineering, environmental engineering, materials science, materials engineering, metallurgy, or metallurgical engineering. To obtain an application form and further information, send a self-addressed, stamped envelope to: AESF Scholarship Committee, American Electroplaters and Surface Finishers Society, 12644 Research Parkway, Orlando, FL 32826-3298. The deadline is April 15, 1999.

Fellowships Advising and Resources has received information on a number of **summer undergraduate research fellowships**. Students receive a stipend and sometimes travel and room fees are paid. Research opportunities are at a number of universities and research institutes including the Mayo Clinic, the University of Georgia, and Princeton. Stop by our office and check through the summer fellowship files for information on these and other summer fellowship opportunities.

For information on the listed fellowships, assistance with essays, for clarification of questions, contact:

FAR - The Fellowships Advising and Resources Office. To make an appointment, call x2150.

For more information, please contact lauren_stolper@starbase1.caltech.edu.

UFA - The Undergraduate Financial Aid Office. For information, call x6280, or stop by 515 S. Wilson for an appointment.

To submit an event for the Mints, contact mints@tech.caltech.edu or Mail Code 040-058 by noon on the Monday prior to its inclusion. Submissions must be brief and concise. Please do not send Mints in difficult formats like Binhex or Word document. ASCII and rtf are best. The editors reserve the right to edit and abridge all material. Solicitations will be referred to the business manager.

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