

Republicans Massacre Democrats at the Polls

by Mason A. Porter

The 1994 elections have brought a new face to Congress. The Republican party now controls both houses for the first time in well over a generation. They also gained eight gubernatorial seats. Senator Robert Dole of Kansas regained his title as Senate Majority Leader, which he last held from 1984-1986, the last time the GOP controlled the Senate.

Representative Newt Gingrich of Georgia became the speaker of the House, replacing Tom Foley, who served a rather undistinguished tenure as House Speaker. It was certainly a far cry from the days of Tip O'Neil. Representative Danny Rostenkoski of Illinois, (former Chairman of the powerful Ways and Means Committee) was also ousted from the House. "Rosty" (as he is known to his peers) was one of the few remaining "old breed" politicians, who did not utilize the media for trying to get his bills passed.

All the committee chairmen will now be Republicans. Here follows a likely portrait of Congress. In the Senate, Alfonse D'Amato of New York will take over Banking, Housing, and Urban Affairs, Jesse Helms of North Carolina will control Foreign Relations, the venerable Strom Thurmond of South Carolina (who ran for President as a "dixiecrat" in 1948) takes over Armed Services, Bob Packwood of Oregon (the subject of charges for sexual harassment) regains his former chairmanship of the Finance Committee, Mark Hatfield of Oregon gains control of the Senate Appropriations Committee, Richard Lugar of Indiana will control Agriculture, Nutrition, and Forestry, Pete Dominici of New Mexico regains control of the Budget Committee, Orrin Hatch of Utah

takes over as chairmen of the Judiciary Committee, and Nancy Kessenbaum will control Labor and Human Resources. In the House, Carlos Moorhead gets Energy and Commerce, Henry Hyde gets the judiciary committee, Floyd Spence gets armed services, Joseph McDade gets the powerful Appropriations Committee, Bill Archer of Texas takes over the Ways and Means Committee, Pat Roberts will head the Agriculture Committee, Jim Leach will control Banking, John Kasich gains control of the Budget Committee, Bill Goodling gets Education and Labor, and Benjamin Gilman will chair the Foreign Affairs Committee.

The new regime, like all its predecessors is inheriting problems the size of Rosanne Arnold, the budget (not to mention the interest on it) being one of the bigger ones. GOP leaders have already vowed that they will execute a quick drive to cut the capital gains tax. Other possible proposals concern welfare reform and prayer in schools. The latter is backed by Jesse Helms (famous for his filibusters) among others. This last law, according to some (myself included) is a blatant violation of the First Amendment, which, among other things, calls for the separation between church and state (there are two clauses concerning freedom of religion in this amendment).

One comment by Newt Gingrich deserves particular attention. He has stated that he refuses to compromise. If that is indeed the case, then few of his proposals will pass, because compromise is an essential component of good government. It is a fact that politicians have to compromise. This is due to factions, pork-barreling and log-rolling policies ("I'll vote for your bill if you vote for mine."), among other things. Jimmy Carter fought

with a *Democratic* Congress because he refused to compromise. Therefore, very few of his bills were passed. It is impossible to govern properly without forming coalitions, and for that, compromise is essential.

Now that the Republicans control Congress, many experts feel that they have an excellent chance of regaining the presidency in 1996. Perhaps that will be the "realigning election" for which they have been waiting. There has not been such an election since 1932, which formed the New Deal Coalition. Many Republicans would argue, however, that the election of 1968 was such an election. Others thought that the 1980 election would precipitate such a realignment, but the 1982 midterm losses in Congress and the failure of the GOP in 1984 to gain a substantial number of seats in Congress squelched that idea.

However, the future now looks rather bright for the Republican Party. They simply crushed the Democrats in this year's election, which was a normal midterm election in that the party out of power (that is, not in control of the Presidency) gained seats in Congress. This has been the case for each midterm election of the past fifty years. This, however, should not incite people to claim that this election was a fluke. A realignment is due, as there has not been one in over sixty years and this cycle has been historically about thirty year's duration. There were, for example, political realignments in 1896 (for economic reasons) and in 1864 (for racial reasons). It is probable that Blithering Bill will become a one term President (like the Peanut Farmer, the last Democratic President), after which he will be replaced by Senate Majority Leader Bob Dole. (Remember: You heard it here first.)

Caltech Y Requests Increased Funding

by Christopher Hunter

Decompression, the Y Hike, the Stranded Students Party, Broomball, discount movie tickets, International Day, Co-sponsorships, and more. The Caltech Y offers dozens of services to the students of Caltech. We serve as a programming board which distributes money to various groups on campus. Unfortunately, in the past few years, our income has failed to keep up with the rising costs of our programs, and if something is not done soon, we will be forced to cut back.

The Y is a non-profit corporation which operates independent of Caltech. Currently, the Y receives \$5 per undergrad student per term, approximately \$4250 a term. Our student ExComm budgets approximately \$9000 for events such as Decompression, Broomball, co-sponsorships, and other activities for the community. Approximately 75% of this budget goes directly to events that support Undergraduate Community. Divide this \$6750 by 850 students, and you come to \$8 spent

per student per term. In other words, the Y spends more per Undergraduate Student than we bring in direct from this group.

We would like to propose raising the current student assessment from \$5 to \$10 per student per term. We feel that this would be a relatively small increase which would allow for continued maintenance and expansion of our programs and co-sponsorship opportunities. Without additional funding, we will be forced to begin cutting back on our event funding and student co-sponsorships.

What would an increase of funding mean to the Undergraduates? For one thing, all of us (Frosh understandably excluded) have experienced the shortages of food at Decompression. This problem would be alleviated by an increase in funding. No longer would we run out of hamburgers and hot dogs. In addition, we would be able to maintain our current level of funding and programming on campus without cut-backs. We would be able to continue subsidizing campus services and ac-

tivities such as movie, play, and concert tickets. Our current levels of co-sponsorships would be maintained such that student-organized events could get funding and support.

We will be using the existing ASCIT elections system to put the raise in student contributions to the Y to a vote. Because the Y affects all students, regardless of whether or not they are ASCIT members, all undergrads are invited to vote on this proposal. We will require a 67% majority of the votes in favor of the proposal in order to pass the assessment increase.

If you have any questions, please feel free to contact any member of the student ExComm. The ExComm officers are: President, Christine Chen (*chrisie@ugc*); Vice-President, Christopher Hunter (*chrish@cco*); Treasurer, Erik Wasinger (*wasinger@cco*); Secretary, Donna Ebenstein (*donnae@cco*). We urge you to vote in favor of the proposal so that the Y can continue to bring you the quality services and opportunities that make a difference on our campus.

John Latting: Assistant Director of Admissions

by David R. Relyea

During the past two years, the Caltech admissions office has undergone a large change in staffing. I am pleased to say that John Latting, the new Assistant Director of Admissions, has been a part of this change.

Mr. Latting received a BA in philosophy from Stanford and stayed on at Stanford as an Assistant Director of Admissions. He then taught for a year in England, and later went to U.C. Berkeley to begin work on a Ph.D. in education. During his stay at Berkeley, Mr. Latting read applications for Stanford admissions, and he seems quite enthusiastic about his work in Caltech admissions.

Mr. Latting admires the "consensus (amongst the admissions committee) about the purpose of this institution and what the ideal science student is." At Stanford, Mr. Latting was presented with applicants whose primary skills ranged from football to music to science and anywhere in between. Caltech students, though, obviously all have a natural aptitude for science and/or mathematics in addition to any outside activities. Mr. Latting was initially surprised by the student/faculty involvement in admissions and admits that it is "unusual and possibly unique for a school of this caliber (to have such involvement)." He also expressed an admiration of the honor code because such involvement in admissions would be very difficult without such a code. As an administrator at Stanford, Mr. Latting commented that the admissions office had "more power" but

that this sometimes resulted in a "disconnection between the admissions office and the university." The student/faculty involvement here, though, makes this type of disconnection extremely unlikely.

Mr. Latting is as enthusiastic about recruitment as Charlene Liebau, because the "idea that good students (across the country) will naturally all be drawn to Caltech is unrealistic." Thus, Caltech must reach out into high schools across the country and find the students whose interests would make the a good match for Caltech. Mr. Latting would also personally like to increase the number of applicants to Caltech because it would give Caltech much more choice among the nation's top students. Obviously, there is no way to just get more "good applicants", but by increasing the number of applicants, Caltech could choose a class of 200 from a even more diverse and talented (if this is believable) pool of applicants.

Mr. Latting understands that "one shouldn't take lightly the success Caltech has had with making students take academic issues seriously," and his commitment to admissions will definitely further Caltech's interests along this path. Also, Mr. Latting believes that we should "look four or five years ahead" to see "what we'd like the students to be doing (after graduation)." Mr. Latting has brought new energy and new ideas to the Caltech admissions, and I believe he will make a fine addition to the Caltech community as the new Assistant Director of Admissions.

The following classes have been changed or added by the Registrar to the pre-registration list of Courses to be Offered Second Term

Course	Units	Subject	Instructor	Time/Room	G
APH 17b	3-0-6	Thermo.	Dimotakis	MTTH2/306FIR	G
Bi 114	4-0-8	Immunology	Bjorkman	MTH2-4	G
Ch 90	1-0-1	Oral Present.	Parker	TH2/151BRN	P
EE 114b	3-0-6	Elec Circuit	Antsos	T9-11,3/11DWN	G
EE 117a	3-1-5	Power Elec.	Cuk	TH10-12,2/102STL	G
EE 150b	+	Adv. Error	McEliece	T9-10:30/201BTH	G
		Correcting Codes		TH9-10:30/14STL	
PA 60b	0-3-0	Studio Arts:			P
Sec 1		Silkscreen/Airbrush	Barry	M7-10PM/SAC22	
2		Painting/Drawing	Barry	T7-10PM/SAC23	
3		Ceramics	Freed	W7-10PM/Garland Thtr.	

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Letters to the Editor

Regarding: Events and Notices

Come on, guys! I need a microscope to read this stuff! And you will too, if you keep up the small type for too long!

Kate Hutton
kate@bombay.gps.caltech.edu

We apologize for the recent issues in which there were just too many Events and Notices to fit on the back page. In the future, we will attempt to cut down on the verbiage and perhaps take over page 11 every once in a while.
—ed.

Poetry in Motion

Sir,
You recently rejected a poem I submitted for publication in The California Tech. For the benefit of the reading public, I here quote your response:

I'm sorry, we'll have to reject your recent poetry submission to Kreative Korner, due to the occasional drug references, sexual innuendo, and profane word choice. Sorry.
— the editor

I am curious as to your justification for not printing "Extracts" when, in previous issues, "Lost Angel" and "Cleopatra Lifeless" were both printed. "Lost Angel" is dedicated to and about (amongst other things) James Douglas Morrison, and is filled with what some might consider erotic material, references to illegal

substances and possibly even obscenity. "Cleopatra Lifeless" is an erotic poem dealing with the lure and power of Woman overcoming family and faithfulness, and almost overshadowing the cultural displacement and sadness of memory the narrative voice feels. A few lines might prove this:

From "Lost Angel":

"What juices wet and sweeten your lips?"
"Lost angel when will you take off your clothes?"
"...sweaty girls smiled and stopped at your thumb"
"Where are those girls who...pulled us by the ears to their mouths...Who push-tongued gave us a ride?"
"We smoked too much Doug and I/ Right through to the stars"
"Doug flew through a hole in the sky/ He liked the fairies and stars"

From "Cleopatra Lifeless":

"Once I slid in with her/And my skin sparked/When her legs clamped around my ribs/In the churning milk/I wanted to coil around her from thigh to heel/But she pressed me rigid between tight legs"
"Over and under and between your legs/I am lazily draped - danger and diversion/Your true needs, titillated by snakeskin on nipple."
"Snakeoil, secretions, tenderly massaged/Into your calf, shoulder, your loin,/You traded ass's milk for sidewinder suppleness."
"She burnt spices to sleep me..."

The poem which you rejected, "Extracts", is an intimate, retrospective analysis and lament over the breakdown of adolescent hope and love, in the face of external, uncontrollable factors. I had not thought that this, of all my submissions, would be considered unfit for the Caltech reading public. Looking over

the poem, I have found several lines which may have caught your eye and led to your decision. I hope you will print them here as evidence for fair debate:

"under the blush of marijuana dreams and glittering conversation/i am with comforting friends"
"my friends fall in love with you/ when i am done praising your breasts"
"this is my friend i will say we smoked and blew each other's brains/we drank each other's blood my friend and i"
"and we are going to get Heineken and Budweiser/which is <deleted> close to water/ha ha she said that's an old joke"
"Jim hissed let's take ecstasy and i said not now i got some mail/and he understands me he gave me a male squeeze on my shoulder/and went away"
"i'm going to smoke a cigarette because contrary to popular belief/and scientific research tobacco smoke is good/for killing cancer of the heart"

I realize that you and your co-editors are doing us a favour by deigning to print creative work when, in your own words, the Tech is meant to be a source of news for the Caltech community. (I invite readers to contest this.) I am justly grateful that my poems have been printed. I am not aware, however, that they have contributed to further the general moral depravity amongst students and staff. Moreover, I was not under the impression that an isolated use of the word "<deleted>" (as an adjective!) would be cause for uproar or accountability, the reasons for which I assume you rejected the poem.

You are under great strains, as Editor of the Tech, no doubt. Still, I would publicly question your decision to reject my last submission. There was no other independent creative work that was published in last week's issue, so I take it you are not yet being flooded by copious and prodigious art from Caltech students. It is not unreasonable to request that you do print what you do get.

Shameel Arafin

Dear Mr. Arafin:
Sexual suggestions may be appropriate for creative work; however, in our newspaper we have a standing policy that profane words like "<deleted>" are not to be printed, especially when not intended in the literal sense. Bearing that in mind, we

The Inside World

is desperate for submissions. Please turn submissions in, preferably by Macintosh disk, to the Tech office in the SAC (Room 40). IBM HD 3 1/2" disks are also okay. You can also e-mail your submissions to iw@tech.caltech.edu. Yay!

Editor's Corner

From your Grumpy Tech Editor

Finally, a 12-page issue! Now we can finally place all those usual articles that you missed last week and the week before. Not only that, you're getting your favorite comics again in this issue. All right!

Deadlines for Submission to The Tech

Letters to the Editor — 5 P.M. Monday
Events and Notices — 5 P.M. Tuesday
Unsolicited Articles — 5 P.M. Tuesday
Regular/Semi-Regular Columns — 5 P.M. Wednesday
Articles, News Submissions — 5 P.M. Wednesday
Art/Photo Submissions — 5 P.M. Thursday

Work for The Tech!

Free food! Come and get it!
12:15, Fridays, Coffeehouse

Please send submissions for letters to the editor 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 5pm on the week of publication.
The editors reserve the right to edit or refuse to print any letter for any reason.

have decided that the poem submitted would be better off unprinted than censored. The use of other words like "marijuana," "breasts," and so on are not disallowed, but it only served to focus our attention on what we were receiving. Certainly you should respect our (perhaps too conservative) desire to print a respectable newspaper.

Although, in truth, we are not "being flooded by copious and prodigious art" from the Caltech community, the reason Kreative Korner has not been printed for the past few weeks is due mostly to space constraints. We have received other submissions besides yours, however, and we find your request that we "print what [we] do get" somewhat insulting. If you are under the impression that we are desperate and will print anything, you are mistaken.

— the editor

The California Tech

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His hangups are Hilarious
TODAY'S ASCOT FILM
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SOMETHING DIFFERENT AT CALTECH

Armchair Adventures
TRAVEL FILM

A NEW ENGLAND SAMPLER
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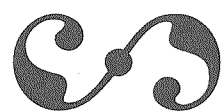
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Opinion



In Loco Parentis

by Zackary Dov Berger

A proposal from a faculty committee (for names, dates, and details, consult a recent copy of the *The California Tech*) aims to reform the Pass/Fail grading system for freshmen. First term P/F would remain untouched; second term grades would be released to freshmen but not recorded on their transcripts; and third term would plunge our youth into the bracing waters of sophomore-style ABCDE.

First, let everyone admit the following: stripped of euphemism, the proposal would reduce Pass/Fail to one term. For what employer, graduate school, fellowship sponsor, or other authority would not want access to these second-term grades, once their existence was made known? Outsiders scorn Pass/Fail but generally, in the end, respect the absence of grades—precisely because they're prohibitively difficult to obtain. But grades once calculated, whether on a transcript or not, are grades—period. For if every freshman were to receive grades, every instructor would be required to provide them, and therefore every admissions and personnel office would request them.

Every student sees value in Pass/Fail. Serious competition is not absent here, but neither are cutthroats as prevalent as at other schools. Frosh discover that their friends are willing to help—after all, there's only one step down from Pass, and nothing up above. What's the point of locking yourself in your room? Further, Pass/Fail gives frosh the opportunity to take advanced classes—not to get ahead in the scheduling game (or else so many wouldn't be taking more than four years to graduate), but, instead, to see what those classes are like, to get a taste of what future years have in store. Pass/Fail, in this way, encourages intellectual experimentation. That's what Tech is supposed to be about.

The question, therefore: is one term enough to ensure the blessings of Pass/Fail for the frosh? The answer (no) is obvious. Frosh would spend

that one lonely term in desperate preparation—girding themselves for January's battles. The predominant attitude would be feverish, and fearful, anticipation of the inevitable.

Why reduce Pass/Fail to only one term? What defects prompted faculty, and some helpful undergrads, to re-examine the system and propose this plan so generous with its grades?

Those who don't [study], and who aren't Feynmans, deserve whatever they get during sophomore year.

■ **Pass/Fail encourages the low regard freshmen have for their humanities classes.** This is true, and possibly a basis for mandatory full grading of frosh Hum courses. But this does not form an argument for paring Pass/Fail down to one term. It is the following that most concerns faculty and their helpers:

■ **Pass/Fail encourages unproductive study habits.** Maybe it does, maybe it doesn't. What of it? Frosh who think even a little bit will realize: "I should start trolling. This stuff is hard." Those who don't, and who aren't Feynmans, deserve whatever they get during the first term of sophomore year—which is, by the way, the most important promoter of clean noses, high morals, and hard studying.

But it is not the job of an academic policy to be in loco parentis for students. The faculty are not here—and even the Dean is not here—to encourage good study habits in their charges. That is our own job, and our own fault if we don't figure out our academic responsibilities. Let us pick our classes, experiment with those we find interesting, and flourish or flame

on the strength of our own commitment to the coursework. Don't mess with Pass/Fail in a misguided and paternalistic attempt to teach us how to study. We know studying is important; and anyone who doesn't study is flaking not out of ignorance, but rather psychological inability's and unwillingness not correctable by tinkering with the grading system.

In short, the benefits of Pass/Fail (cooperation among the frosh; intellectual experimentation; a leveling of Tech's academic playing field) are many, and, most important, not easily afforded by another grading system. Perhaps it encourages bad study habits, but that is not the faculty's concern. Rather, if instructors are worried about the performance of their students during sophomore year (presumably a worry which precipitated this proposal), they should pay more attention to the craft of teaching and let the students sink or swim on the strength of the education given them. That is: teach us how to float, but don't get rid of the shallow end to make us learn faster.

Even with its torturous academics and doubtful social life, Caltech has its redeeming institutions. To a large extent these comprise those systems Techers have invented to make life a little easier: the Honor System, the Houses, Pass/Fail grading. Each of these has been under attack recently by faculty, among others. No one should look askance at an effort to change Tech for the better. But when the alternative proposed is obviously a leftover piece of mediocre blandness taken straight from the cupboards of America's ten thousand failing universities, such change is not welcome. Is

SEE PASS/FAIL, PAGE 9

With Friends Like These...

by Martin Koning Bastiaan

"What has been the effect of coercion? To make one half the world fools, and the other half hypocrites."

—Thomas Jefferson

Freedom of expression does not ensure that there are no fools, unfortunately, as the column on censorship last week (*Save a Whale, Recycle Your Magic Christian Escrow: A Social Commentary*) clearly shows. This is not to say that I am in favor of censorship—not at all. However, I do not suffer fools gladly, and sometimes I wish that certain people who claim to be on the same side as I would think a bit before they speak.

Jefferson, here, is saying that forcing a viewpoint on someone by restricting access to alternative views is bound to lead to disaster. One might well ask why this is. Jefferson believed, as did his philosophical forefather, Mill, that the free expression of ideas was essential to any democracy. They argued that it is only by "the collision of adverse opinions" that we understand the full import and meaning of our ideas. Further, unless opinions are vigorously contested, they are apt to become prejudices, where we no longer understand why the opinion we hold is the "correct" one.

So the problem of censorship is essentially one of impoverishing our intellects through the restriction of ideas.

The question that came to my mind after reading the previous week's column on censorship was whether we missed anything with all the expletives deleted. Now sometimes this might be

the case: James Joyce's *Ulysses* comes to mind as well as numerous other literary and artistic works. But the "example" given last week was pathetic, to say the least. The problem is that there was nothing in the column that anyone would recognize as a thought worth saving, if you wanted to dignify anything they said as a thought at all. They claim that "the author's thematic presentation would be lost..." etc. etc. But why should we get worried about censorship with regard to *that* example? Not every drawing that is made is called art, and not everything someone says is called an idea. What the authors ask of us is that we become so open-minded that our brains fall out of our heads. But we should not be nearly so uncritical. It is a <censored> poor understanding of the First Amendment, to think that it means we can swear with impunity. Why would we want to protect that?

In reaction to censorship, our reaction need not be that *everything* that people say be on a par: that would indeed be too indiscriminating. What we need is some sensitivity to ideas people have, and not be afraid to try to understand other positions and views. But this does not entail that we dispense with judgment altogether—we owe it to ourselves and the society we live in to think and make informed decisions on what opinions or ideals to endorse. Of course, we require some standards on what it takes to be an idea (or a column) or we'd never get anything done.

I can imagine a reader beginning to smile and think, "Ah ha! So it is *stan-*

SEE CENSORSHIP, PAGE 7

ONE TENOR AND A BAND

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SPORTS

CROSS COUNTRY HITS POST SEASON

by Dan Kleiman

Fueled by a peanut butter-less prerace meal, Caltech's Lady Beavers strutted their stuff before the 11 team field in last Saturday's NCAA Division III West Regional. The Beavers chewed up the competition, finishing 6th of 11 teams and sending one runner on to tomorrow's Division III National Championships.

Running against UCSD, Menlo, and Mills in addition to the eight SCIAC schools, Caltech did not waste any time going after its goals. Sophomore Cailin Henderson put herself in the lead

pack from the gun and refused to give in. "She showed tremendous tenacity," is how Coach Jim O'Brien summed up Henderson's 4th place performance. Cailin will end her season tomorrow in Lehigh, Pennsylvania, at the National Championships. The other Beaver runners, without another race to look forward to, did their best to end the season on a high note. Frosh Sara Beaber, fighting through tendinitis in both her shins and her knees, still finished second for Caltech, in 26th place overall. Senior Ginger Garcia followed Beaber, finishing in 22:43 over the soggy 5K course. Fresh-

man Karen Bletzer turned in another solid race, running 23:47, while sophomore Radhika Reddy was only four places back.

As a result of the contributions of every runner, Henderson's performance was not the only highlight for Tech. The team scored 175 points, beating conference rival Redlands by one point and La Verne by two. Additionally, the sixth place performance was their best in over 10 years. However, until next year, when 6 of Caltech's top 7 return, the focus is on Henderson's individual accomplishment. The whole team wishes her luck in tomorrow's race.

Caltech Harriers Miss Cut as UC San Diego Dominates West Regional

by Tom Dmukauskas

Before the Caltech men's cross country team even stepped onto the course at Chino's Prado Park last Saturday morning, they were aware that the harsh truth of the matter was that they would not qualify as a team to the Division III Nationals in Lehigh, Pennsylvania. Most of the men were content to resign themselves to this fact, and simply tried to break PR's or take out one or some of the teams which had beaten them in the SCIAC meets earlier in the season. Dan Kleiman, however, could not be so easily appeased with such results for he was among a group of elite individuals competing for one of the 3 spots which would earn them a trip to Lehigh next weekend.

A slightly soggy course greeted the runners, dampened by the steady rain which had fallen two days earlier. PRs would thus be hard to come by. That was no matter for Kleiman, for everybody would have to trek down the same path to go to Nationals. It was nearly a foregone conclusion before the race had even started that UCSD and Oxy would be the teams which qualified. The three individual spots were up for grabs. If the race went according to the previous two SCIAC meets, Matt Newman and Walt Voegtli of CMS

would get the first two spots, and Kleiman would slip in to snatch the last. After the race started, UCSD quickly displayed its dominance over the rest of the region, putting 5 runners in the top 10, with their lead runner, junior J.J. Castner, winning the regional for the second year in a row in 25:29. Newman and Voegtli followed in 25:51 and 25:57 respectively. Then the man who would derail the train to Lehigh for Kleiman, Avo Artinyan from Pomona-Pitzer, who apparently recovered from a stress fracture in a nick of time, crossed 7 seconds later. Kleiman's hopes were still alive if CMS could pull off an upset of Oxy, but alas it was not to be.

Most of the rest of the Tech runners succumbed to the adverse effects of unrelenting academic torture from the previous week. Only Francisco Gutierrez (29:07) and Ron Strieger (29:17) were able to improve on their time from 2 weeks ago. Caltech was only able to muster a victory over their perennial whipping boy Cal-Lu. The pain of defeat was eased by a pizza party given by assistant coach Buzzcut McMatt that evening, and already team members had begun talking smack about the Doyle Decathlon happening tomorrow and Sunday.

CSS Space News

By Ross Brown

Interesting Tidbits Edition

This week I have chopped all the news into fun bite-size pieces. I have thrown in both news and trivia for a flavorful reading experience. Enjoy!

Odds of Dying From an Asteroid Hitting the Earth:

1 in 14,000 to 1 in 20,000 (compare to the odds of dying in an airplane crash: 1 in 8,000)

Private Attempts to Get to Space

A Mr. Truax of California is working on his own Mercury-style rocket (the "Excalibur") and spacecraft to make a sub-orbital flight. Commonly called the "Volksrocket", the Excalibur's Atlas vernier engines were bought surplus from a junkyard. Mr. Truax planned to splash down in the Pacific off the coast of California somewhere, proving private citizens can do what Alan Shepard did with NASA back in the Apollo days. Unfortunately, he has since run out of money for this project.

Mir Passes Halfway Mark to Big Birthday

The Russian Mir space station will make its 50,000th orbit around the Earth today (Friday, November the 18th) at 2:37 in the morning. Mir is the only manned human spacecraft in space at this time.

Russian Space Agency Budget

The RSA has an annual budget of 167 billion rubles plus another 40 billion for military space projects. Translated to American currency: 100 million dollars! This is an amazingly low number (even with the hyperinflation problem there) considering that NASA's budget is hovering around 13-14 billion dollars currently.

Ulysses Spacecraft Results

The Ulysses spacecraft has completed its high latitude survey of the sun. The polar regions of the sun (not as cold and snowy as the Earth's polar regions) were found to have a faster output of "solar wind": charged particles, ionized gases, etc. Screaming out of the sun at 750 kilometers per second (that's right folks, 2 million miles an hour) this figure is double that of "normal" solar wind, what we experience at these Earthly equatorial latitudes. Also, Ulysses found a uniform magnetic field at the sun, not the polar fields we had observed from Earth.

Election Results

Well, it looks like George Brown will win his reelection bid for congress. George Brown is one of the greatest supporters the space program has had in congress. As of yesterday, the absentee ballots had Brown leading his opponent by a narrow margin. If he wins, he will probably not head the committee on Science, Space and Technology, though. This is the position that he used to rally support for space projects and science. Hopefully he will remain as a ranking member of the committee.

Nifty Quote

I will conclude with a very inspired and inspiring quote by JFK from a speech delivered at Rice University in Houston, Texas:

"We choose to go to the moon in this decade and do the other things, not because they are easy, but because they are hard, because that goal will serve to organize and measure the best of our energies and skills, because that challenge is one that we are willing to accept, one we are unwilling to postpone, and one which we intend to win..."

— John F. Kennedy
September 12, 1962.

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Phlegmatic Memos: A Social Commentary

by <Personal name deleted> and
<Personal name deleted>

Today's Target: 'nothin much, just some rants and raves... well, mostly just rants

To begin any column about rants, we must focus our attention on the slop Californians call Italian food. At least Southern Californians. Speaking as a New Yorker - thus an Italian food connoisseur - they just don't know. They believe Italian food is one of two things: pizza or pasta. The really adventurous even have garlic bread once in a while - oohhh! Let us set pizza aside for the moment (we'll return to it later), and instead examine spaghetti. Pasta to most Californians (and probably most Americans, nay most non-Italians) is nothing more than a long thin noodle doused in tomato sauce. The noodle (spaghetti) is overcooked and soggy. Clearly, whoever cooks this dish has never heard of 'al dente.' The sauce probably comes from a jar - worse yet a can. It is thin and runny, and completely without texture. Amazingly, this garbage passes for food!

Pasta should be firm to the tooth (the literal translation of al dente). It should be available in a variety of thicknesses and shapes - to say nothing of colors and flavors. The pasta purist might take offense with flavored pasta, say garlic and basil, but I am willing to accept this 'heresy.' Further, the sauce should be thick and hearty. There should be a myriad of spices and vegetables. In fact, there should be more than just red sauces. There should be cream sauces, pink sauces, and broths. But are they (easily) available here? No!

Rant: What about pizza? Well, all that really needs to be said is that our esteemed colleagues, the writers of "S&M," chose Pizza Hut pizza as their favorite. Blegh! If nothing else, a large pizza should be at least 16

inches in diameter. Better yet, 18 inches. And another thing, a pizza may also be referred to as a "pie" — learn it, deal with it.

Rant: Don't even get us started on bagels.....

Rant: People who rate things on a scale of 1 to 10; we give them a 2.

Rant: Hypocrites.

Rant: Repeating the same lame joke... ad infinitum.

Rant: Nazi CCO reps.

Rave: Protonephridium (exploding).

Rant: We're done with Phys 1.

Rant: Pour spelers. Four sum stranj reesun, manny peepul kan't seam two komprehand the importintz uv larning how werds ar speled. Thay thinck az longaz yoo git the mesege akros, thats al that cowntz. Butt its nesesity too no howe two spel beekuz iff yoo kant, itt shoze thatt yoo arnt ejukatid. Whith soe manney ov owr standerdz falllin, wee shoood kling whith al owr mite two watterfer basiss wee steel hav forr mezurin intelijents.

Rant: CCO, Which can't keep AppleTalk running.

Rant: That stupid Scurve <personal name deleted> who always wears a hat.

Rave: Two words: Jamie Walls!

Rant: Living off campus.

Rant: Advisors who are never available.

Rant: Pre-registration

Rave: Hair like a bush (see Matias and/or Jason in Ricketts)

Rant: That funky white-boy Ath. music.

Rant: Decompression food.

Rave: Decompression (minus the food).

Rant: The Republicans are in power.

Rave: The Democrats are out of power.

And finally, the 'tab' key doesn't work on this keyyboard.....

Well, finally: the column we promised you four weeks ago, before we remembered about Halloween and the election, and before our unintentional hiatus. Yes, it's part two of our "Best Of" list, covering all the non-edibles we like so much. Of course, to protect ourselves from any more of those frivolous lawsuits, we feel compelled to disclaim that your mileage may vary. Not available in all stores. No shirt, no shoes, no service.

Best Movie Theatre — Ahh, southern California, the nexus of advanced movie viewing! Natives often take for granted our state-of-the-art silver screen technology. Other areas of the world have never even heard of toroidal screens or THX (are you listening?). Marc was in Denver a couple years ago, and the lead story on the local news stations was the opening of a new movie theatre with ... (drum roll please) ... cup holders in the arm rests! Wooooowwww. When we decide to pay full theatre fare for a quality cinematic experience, our movie house of choice is the AMC in Old Town, inside Colorado One. In addition, the AMC still has a student discount, which doesn't hurt its chances in our polls. Points went to the Rialto for its red-eyed gargoyle, and of course to the Academy ("It's TRULY a bargain!")

Best Book Store — One of the things that makes Pasadena such a great place to live is its plethora of retail book establishments. New or used, super-store or specialty, this city's bookstores also offer other services such as an art gallery and coffee bars. Which one do we like most? Glad you asked! It's Vroman's, on Colorado. Not only is Vroman's staffed by helpful and knowledgeable people, but it's also become the most community-oriented book store in the city.

Best Pet Store — Do you have pets? We do. Cats, dogs, birds, fish, reptiles and a couple panda cubs can really keep you hopping. When that bamboo supply is running low, where can you turn? (Okay, we're just kidding. We don't really have any birds or fish.) We have done a lot of research into the local pet store scene. In fact, we consider ourselves to be amateur pet-store-o-philes. Our choice for best pet store is the Pet Barn, on Fair Oaks. Their staff has always been helpful, friendly and knowledgeable, with a quality selection of small animals. And

Sharon (who already has a boyfriend) thinks that Mark the Reptile Guy is "kind of cute".

Best Eccentric — We're reviving this lost, beloved category from last year's 'Best of Pasadena'. Actually, we only know one eccentric, but he's neat: Jirayr Zorthian, the artist who befriended the late Richard Feynman. He's also a great guy to know if you need to get rid of some bizarre knick-knack or random brake drum, since he loves turning old stuff into new art.



Best Theatre — Sure, there's the obvious choice, with its long splashy history and important plays. But we prefer a smaller venue: the Knightsbridge theatre. Situated in a basement in Old Town, the Knightsbridge consistently delivers quality productions, while setting ticket prices to attract moviegoers. Highly recommended.

Best Beach — Well, we disagreed on this one. One of us loves Manhattan Beach, for its great sand, great water, and great women. The other one of us didn't find the women to be such a strong draw, and voted for Newport Beach.

Best Beach Volleyball Player — Karch Kiraly! Was there ever any doubt? Well, Sinjin Smith might have stood a chance before he moved the headquarters of Side Out out of Pasadena. Okay, not really.

Best Mall — Five department stores. Over twenty places to eat. Dozens of shops covering a vast array of offerings, from clothing and shoes to rubber stamps and sci-fi paraphernalia. No other local mall can adequately compete with the mighty Glendale Galleria. It's only major drawback? It attracts residents of Glendale. Can't win them all!

Best Consumer Electronics Store — Our vote goes to the Good Guys, due to the fact that their prices tend to be higher than the Other Guys. Yes, we said "higher"! Since all the stores have a low price guarantee, the store with the highest prices is the one with the best value. Not to men-

tion the fact that it's within walking distance of Caltech.

Best Market — If our criteria for this subject was solely financial, we would have chosen Vons or Hughes. If we were in a more eclectic mood, we would have leaned towards Trader Joe's or Wild Oats. But to strike a balance between the two, as well as to satisfy our predilection towards small business, we recommend Louis Foods on Sierra Madre. They even take requests!

Best Place to Go After an Earthquake — When we're done dodging falling masonry and screaming first-years, we always like to hit the Seismic Lab on campus. Just try to beat out the news vans. Or, if they get there first, stand in the background while they're broadcasting live and scream "AAAHHHHH! It's the Big One!!!"

Best Amusement Park — Want a good park to take the kiddies to? Try Disneyland. Interested in waiting in long lines with scuzzy preteen youths? Drive up to Magic Mountain. How about somewhere in between? We suggest Knott's Berry Farm. For a great time, check it out in October, when it's transformed into its evil twin, Knott's Scary Farm.

Best Public Transit — Key questions we asked ourself when deciding this category were: How much does it cost? How aesthetically pleasing is said transportation? Is it managed by a bunch of incompetent district doodyheads? Our choice is clear: the Pasadena ARTS buses. With their splashy murals and informative audio tours, those buses strike our fancy.

Best Museum — Pasadenans are blessed with several world-class museums, making our selection quite difficult. One, however, besides offering a magnificent art collection and formidable library, provides us with a variety of differently themed gardens for an afternoon stroll. It's the Huntington Museum in San Marino, in case you hadn't guessed. If you go, say "Hi" to Blue Boy and Pink Girl from us.

Well, though it is difficult to restrain ourselves, that will be all the opinions we will let fly this week. As always, feel free to send us suggestions/corrections/hate mail (maybe if you send us enough the Tech editors will give us our own mailbox). And, look forward to more 'best of' bits tacked onto the end of columns needing filler in the future!

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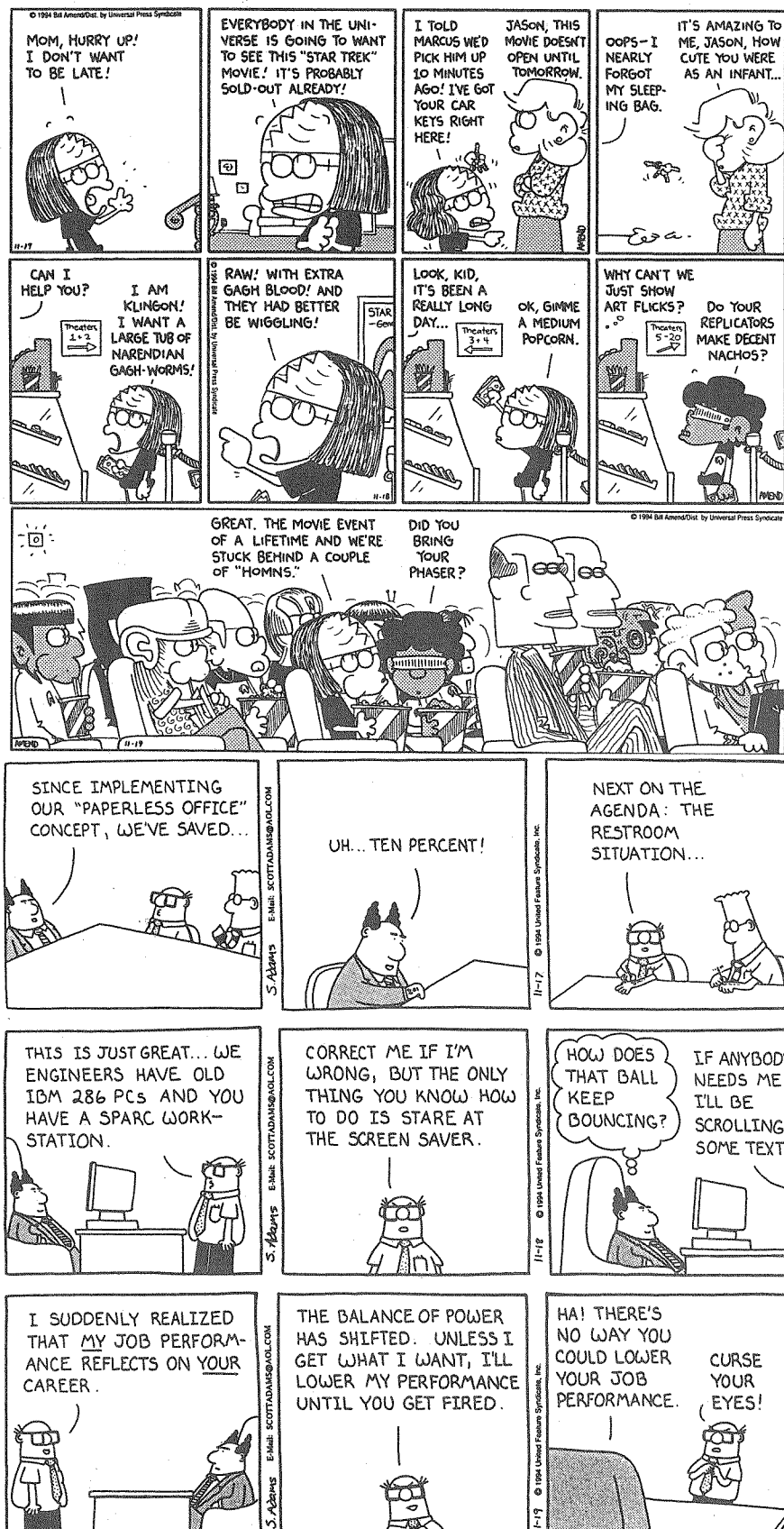
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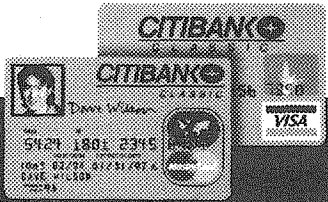
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|-------------------------------------|--------------|
| 2 cups macaroni (pinwheels are fun) | 1 cup milk |
| 1 cup sharp cheddar (grated) | 3 tbs flour |
| 1/2 stick butter | 1 tsp pepper |
| 1 tsp Worcestershire (if you like) | 1 tsp salt |

Cook macaroni in 5 cups salted, boiling water for 15 minutes or until al dente. Drain. In a separate pot, melt butter and mix in flour over low heat. Then, stir in milk until smooth. Add cheese, salt, pepper and Worcestershire. Stir well. Smother macaroni. Serves 4.



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Pass/Fail

FROM PAGE 3

Avery Centre the future of the Houses? Then hooray for dorms, a uniquely Tech invention. Should faculty increase the number of in-class exams? Another original solution from the likes of USC and MIT.

What does this committee's proposal put forth in place of Pass/Fail? Er...grades. Didn't we try that already? Most astounding of all is the coexistence of this proposal with those to reform the core curriculum—plans that would add units to, not subtract them from, the distribution requirements. A greater course load will encourage better study habits? These two proposals would not only take away the shallow end of the pool, they'd stock the deep end with sharks. Occasionally, and astonishingly enough, what's in place is less damaging than proposals for change. That's so in this case. Let's keep Pass/Fail until we think of something better.

The Doo Dah Parade

The Caltech Y is working on a float for this year's Doo Dah Parade. The Doo Dah Parade, held on Sunday of Thanksgiving weekend, is a yearly spoof of the Rose Parade. Past float presentations include precision lawnmower drill teams, brief case drill teams and wild and crazy floats. Thousands of people come to watch the parade. It is also televised.

So, what is the float? First think high school pep rally from Hell, then add a dash of the searing Caltech environment. Our float entry has three basic elements, a precision variable speed drill team (yes variable speed drills, don't drill any body's eye out), cheer leaders, and an actual float. We need between six and twelve students (beasts of burden) who will pull the float through Old Town. Nate Lewis is the float driver. Mid-Float, Dread Zeppelin will be playing the Caltech Alma Mater to the tune of Gilligan's Island. For those of you who have never heard of Dread Zeppelin, they are a reggae take off of Led Zeppelin, but their lead singer is Elvis. See, Elvis really is still alive.

If you feel the power and the daring of this float idea and feel it tugging at the very fibers of your soul, or you are just interested in helping out, we need you! This Saturday, we are building the float in Blacker Courtyard from 1 PM to whenever we're done. We also need beasts of burden, cheer leaders, and anyone else who has a really cool idea for the float. Please come up to the Y and sign up for something, or just come out and build on Saturday. For even more information, call Chris at x6163.

ADAM VILLANI: MEDIA GUY

by Adam Villani

What's Up with Media Guy?

A couple of people noticed that there hasn't been a Media Guy column in a couple of weeks. Why is this? Frankly, I haven't had much to write about. I haven't seen many movies recently, haven't been to any concerts, and haven't listened to the radio enough to be angry at it. This week is no different, except that I'm willing to write filler like this. Never fear, though, I'll have plenty of halfway interesting things to talk about when the next issue of the Tech comes out in two weeks.

Minbo, or the Gentle Art of Japanese Extortion

I've actually been to the movies three times in the past couple of weeks, but two of those times were to re-watch *Pulp Fiction* and *Eat Drink Man Woman*. These two films are both on my short list of the best movies of the year, and I wanted to make sure to scrutinize them in preparation for my year-end film wrap-up. My third trip to a dark theater in recent weeks was a midday showing of Japanese director Juzo Itami's latest, *Minbo, or the Gentle Art of Japanese Extortion*. Itami is probably most famous for directing one of my personal favorites, *Tampopo*, an outrageous comedy Western about noodles and sex set in modern-day Japan.

Minbo casts Itami's wife and favorite actress Nobuko Miyamoto as a tough lawyer who specializes in fighting against the *yakuza* (Japanese Mafia). As in the *Taxing Woman* series, Miyamoto is a quick-witted, independent problem solver who never gives up fighting for her principles. While there is nothing to make *Minbo* a must-see film, it is nevertheless a very solid, accessible work of cinema that could serve as a great introduction to modern day Japanese filmmaking beyond Kurosawa. Though it is packaged as a very neat comedy and crime drama, like in his other movies, Itami has an acute eye for the Japanese psyche. He understands what makes the Japanese tick and satirizes their foibles without stooping to the demagoguery of loudmouths like Oliver Stone. He obviously made some people very angry with this movie; after it premiered in Japan he was attacked and had his face slashed, presumably by the *yakuza*. It's playing weekends at 11 A.M. at Laemmle's Sunset 5 theater in West Hollywood.

Brian Ferry: Mamouna

Former Roxy Music leader Brian Ferry's new album *Mamouna* sounds very good indeed, but unfortunately never develops into anything beyond excellent background music and atmospheric rock. Ferry has assembled some great musicians like Robin Trower and Phil Manzanera, and the instrumental quality on the album is top-notch. But the lyrics are nothing special, and the songs all have rather basic structure. Ferry is also helped out by his former bandmate Brian Eno on this effort, but he lacks the ability of Eno to create tension in mellow music; the net result is an album that neither grows nor diminishes with time. It is certainly above average and good to listen to, but *Mamouna* neither touches the soul nor stimulates the mind.

The California Elections

Though this isn't really about the media, I thought I'd sneak by a few choice words about the statewide elections last week. Pete Wilson had dismal ratings in the polls a year ago for a very good reason: he's an awful governor. He prefers short range solutions to our problems that sound good to foolish voters over anything of substance. He won't do anything to help our economy, reduce crime, or make California a better place to live. Pete Wilson is worse for California than any illegal immigrant, and the voters who bought into his fearmongering tactics deserve what they get for electing him.

David R. Derkits

ASCIT NEWS

18 November 1994

✓ ANNOUNCEMENTS

- The MOSH will be hosting a **dessert night** at Steele House on Wednesday 23 November from 9:00PM to 11:00PM. All undergraduates are welcome to stop by.
- Houses: don't forget to apply for first term **multihouse funding**. This \$200 per House fund is available for events which involve more than one House or are meant to be of interest to the student body at large.
- **Clubs**: a reminder to pick up your first term ASCIT funding. Contact Ewald Hueffmeier, Treasurer, or stop by a Board Meeting.

✓ PUBLICATIONS

- The *on-line CLUE* is now activated. It can be reached on the Web via the ASCIT Page. Users who don't have access to a Mosaic or Netscape viewer may use the program "Lynx" from most unix terminals.

✓ GOVERNMENT IMPROVEMENTS

- The Board of Directors is in the process of reviewing **improvements** to ASCIT operations. Several changes have been proposed and will be discussed at Monday's Meeting.

✓ MISC ANNOUNCEMENTS

- The Board is considering the purchase of a

fax machine for student use. It would be placed in an easily-accessible location and take long distance access codes. Advantages include lower rates than the Telecommunications Office and twenty-four hour access. If you have questions or comments, please contact any Director.

- Flora is in the process of setting up the **ASCIT Educational Policies Committee (EPC)**. If you are interested in serving on this committee, please send e-mail to floho@cco.

- **Concerns** about the homework, test, or collaboration policies of a class may be brought to any Director.

- **Meetings** of the Board of Directors are held at 9:00 PM on Mondays in SAC 64, the ASCIT Office. Special event funding requests and new business are handled at the beginning of the meeting.

- WWW: <http://www.cco.caltech.edu/~ascit/> Up-to-date lists of officers and current documents are maintained on this site.

- Copies of **ASCIT Board Minutes** are available by mail or e-mail free of charge **on request** to students, faculty, and administrators. Requests should be sent to Secretary, ASCIT 64-58 or dderkits@cco. The Minutes are also available on caltech.ascit.announce and in House lounges.

YNEWS

by Topher Hunter

Hey, gang, it's not too late to sign up for Broomball. We'll be playing tomorrow (Saturday) night from 1:30 to 6:45 am at the Pasadena Ice Rink. If you signed up, be sure to pay the Y, and show up a few minutes early so we can start promptly. If you haven't signed up yet and still want to play, there may be space, so drop by the Y and find out.

That grand old Pasadena tradition, the Doo Dah Parade, is coming up all too soon (read November 27), and we've still got a lot of work to do. So drop by the Y to find out when we're working on the float. Currently, our idea includes: Nate Lewis, copies of Tommy, Caltech Cheerleaders, and Dredd Zeppelin (they've actually volunteered to play on *our float*!) Sound interesting? Come by and find out just what weirdness we have in store.

The end of the term is approaching all too quickly, folks, and do you know what that means? Finals, Wagner, and Decompression! If you'd like to volunteer to work on this year's Decompression, sign-ups will be going up in the houses this Monday. Every volunteer gets a spiffy-cool t-shirt designed by our own little love biscuit, Sam Foster!

Lastly, be sure to see the two articles in this week's *Tech* regarding the Y's AIDS programming and the issue of raising student funding.

'Till next time!



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Volunteer Opportunities in the AIDS Community

by Christine Chen

In the past 15 years, the number of cases of AIDS reported has reached epic proportions. When concerns over AIDS were first raised, many people thought that it was a disease that would never touch them because they thought that it was a concern limited to homosexuals or intravenous drug users. Today we are learning that this is not so. AIDS is affecting many different groups of people regardless of their sexual orientation or whether or not they use illegal substances. In fact, AIDS has come to affect people, from all different walks of life.

A couple of weeks ago, my friend Amy Herr and I went to the local AIDS Service Center to collect information for one of the Y's Awareness on the Walks. While we were waiting in the reception area, we started reading the schedules for the different support groups run by the center. The groups were geared for different audiences depending on how they had been impacted by AIDS. One of the groups was for people who had tested HIV positive, another for people who also suffered symptoms, another for people who had lost loved ones to HIV, and on and on. I was deeply saddened and moved as I read the list to see that AIDS was affecting so many people. I think that it was the first time that I truly realized what it ment for people to be dying of AIDS.

The Caltech Y is the organization on campus with which I am most familiar that provides a forum for discussion of social issues (such as awareness of the problems that face those who live with AIDS) and opportunities for volunteerism. The mission of the Y reads: "The purpose of the Caltech Y is to provide resources and opportunities for the enrichment of student life; to enable students to learn about themselves and their place in the world community through increased social, ethical, and cultural awareness; and to address unmet student needs." My new found awareness has made me enthusiastic about supporting volunteer opportunities especially in communities of people who are terminally ill.

The Y is organizing a group of people to participate in a program known as Project Angel Food on November 25th. Although this pro-

gram operates year round, we chose Thanksgiving as the time that we thought that most people would want to get involved since it's a holiday and we all get a little breather from all of our school work. During the day, volunteers will be delivering Thanksgiving dinner to homes of terminally ill AIDS patients who are unable to leave their homes and who would otherwise miss out on Thanksgiving. If you have some free time that Friday and are interesting in participating, I urge you to contact Angie Bealko (*angie@cco*), the coordinator of this trip.

In addition, the Y is also sponsoring a group of people to walk in the 6th annual Pasadena Posada, "A Fundraising Candlelight Walk for AIDS Through Pasadena's Old Town," on December 3. This event is organized by the AIDS Service Center to raise money for the free direct services that the center provides for over 2,000 men, women and children. People participate in the 1.5 mile candlelight walk to remember those who have died of AIDS and to help raise money for

the people who are living with the disease. Performers and musicians entertain walkers as they make their way through some of Pasadena's historic and civic sights. As incentive to participate, the Y is offering free official Posada t-shirts for all those who walk. If you can spare a few hours on Saturday the 3rd, please contact me (*chrisie@ugcs*) and let me know.

Although school work and campus activities keep us busy more hours than we have each day, I strongly urge people to get involved with volunteer and community service activities if you can spare the time. Many times, we take for granted things like our health when other people are suffering against what often seem like impossible circumstances. I think that the experience of helping others and making their lives a little more comfortable is a valuable one for which we should make time. Additionally, if you are looking for a forum for discussion for different issues or if you just want to participate in or organize volunteer opportunities, please feel free to stop by the Y, we'd love to talk to you.

Join the EPC!!

Undergraduate issues come and issues go, but there certainly will not be a dearth of them to deal with anytime soon. Now is your chance (grab it while you can!) to get yourself involved with a number of the rife concerns that ASCIT hopes to address in this and upcoming years. To facilitate the implementation of the suggestions and concern that have recently surfaced, some in response to the Student-Faculty Conference held in February of this year, the Educational Policies Committee will again be making an appearance. In previous years (yes, even last year when I set up this committee), the EPC has been fairly idle, but this year hopes are high that it will play a much more significant part in targeting — and helping to resolve — specific undergraduate issues, and will continue to do so in the future once its role in student government has been established.

So what are some of the issues that the EPC will be tackling in the coming weeks? They include: monitoring the newly-revamped Ombudsman system (in particular, for frosh core classes), investigating both changes in academic policies (such as the new E policy) and providing a

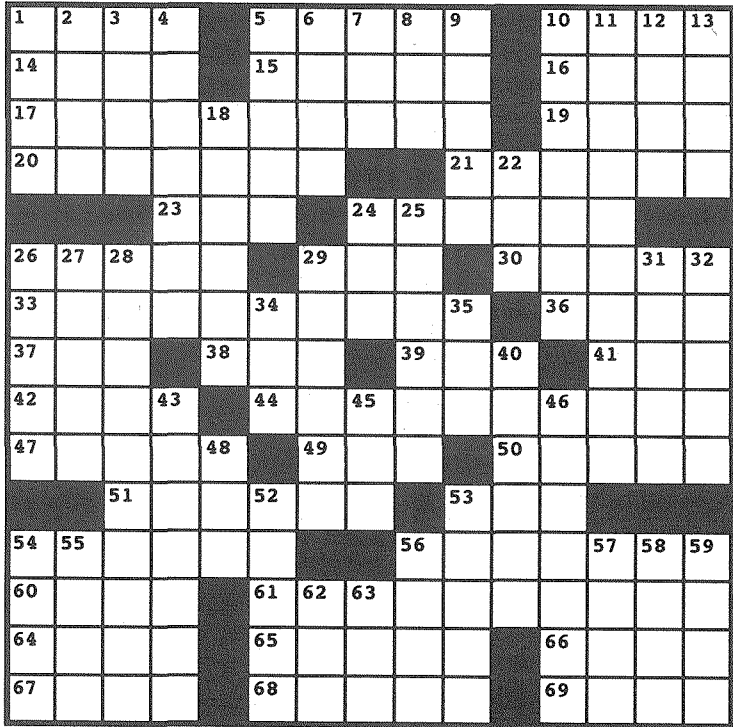
forum for exchange of student opinion regarding both standing policies and recent changes, advising the CLUE editor and co-editors and maintaining the World Wide Web pages, keeping track of Faculty-Student committees which deal with academic issues (e.g., Academic Policies, UASH, Core Curriculum), monitoring the proposed midterm teaching quality questionnaire, T.A. training — and really, that's just the beginning of the list.

If you have even the slightest curiosity about what the Educational Policies Committee will be handling or any interest in participating in something that can have a very real and significant effect on undergraduate life or are tired of just watching and waiting for changes you feel need to be made, you are strongly encouraged to sign up for the committee — signups will be posted from 11/18 to 11/28 in all the houses, as well as on the wall around the corner from the DRL's office (where ASCIT stuff is often posted). This is a terrific chance to get involved, so go ahead, do it! You'll find it well worth your time. If you have any questions, please feel free to call me at x1432 or email *floho@cco*.

Crossword

Games & Puzzles

edited by Wei-Hwa Huang



- 18. Oh, sounds like a Jackson instrument?
- 20. Gives an orgasm
- 23. How to give a breather
- 24. Jem enemy
- 26. Carolinus' affliction in a Dickson novel
- 29. 76543334567?
- 30. The littlest van Pelt
- 33. Jump ship?
- 36. Lat. 36°22'; Long. 139°45'
- 37. Real cologne
- 38. "It makes a good shelter": *Watership Down*
- 39. She'd rather be in New York
- 41. Smullyn quiets it; oh, pooh!
- 42. St. John's neighbor
- 44. Woolly Bully and Flying Purple People Eater
- 47. Dad-like
- 49. Wait, I've got it now!
- 50. Anguish without Microsoft Windows?
- 51. Eew, gross!
- 53. One-time ruler of Tunis
- 54. Home of Sandra Bem, noted psychologist
- 56. "Look! Up in the sky! It's a ship! It's a plane! It's a ___!"
- 60. The slowest mammal is still this
- 61. Black Mountain
- 64. Utopia
- 65. !*@&!!
- 66. Lat. Spid.
- 67. Clue: It's not a knife
- 68. *House of Games* features
- 69. Snouts, Beaks, or Mouths

- 13. Don's club
- 18. A bone-breaking bird
- 22. Co. of Mad. or Mal.
- 24. Maybe a POW
- 25. Pull a "NOW NO SWIMS ON MON."
- 26. Finish
- 27. Where you find lamas and llamas
- 28. A timid vampire that helps you sleep?
- 29. IMHO, gold.
- 31. Was Hemingway...?
- 32. Choker
- 34. Thompson in BTTF1,2, and 3
- 35. She was around since the dawn of time
- 40. Near the rudder
- 43. Without her, the Minotaur would claim another victim
- 45. Joes in the army
- 46. Tofu source
- 48. ASCIT is, but IHC isn't
- 52. A type of twentieth century chair
- 53. Coffin drinks?
- 54. Roman road
- 55. My maid made a big one
- 56. A divisible indivisible part
- 57. It's as fantastic as 62-down
- 58. Aladdin, for example
- 59. Sixteen of them gets you deeper in debt
- 62. It's as ugly as 57-down
- 63. Brady's opponents

WARNING! This week's is filled with horrible puns, wordplay, and obscure clues.

Send your best solution to *gp@tech*. \$10 to the person who gets the most squares correct. (No penalty for wrong squares.) Open to all members of the Caltech/JPL community. Deadline: 8:00 P.M., November 23.

ACROSS

- 1. Muumuu makers?
- 5. If Xs are on 2Ys, which are ridden by 2Xs, what is X?
- 9. It ends up in a chain if caught
- 14. Dog of Jon
- 15. ___ Force: Short-lived '80s comic book
- 16. An ex-baseball player who can't speak well?
- 17. Sorryness

DOWN

- 1. Original Formula?
- 2. Smelly door?
- 3. Barney, for example
- 4. Giver of orgasms?
- 5. Most albinos are
- 6. Endings for M or P
- 7. Old Ricketts name
- 8. Trigonometric inverse?
- 9. This word has the same etymology as α , β , or γ
- 10. Not Halloween tricks
- 11. MacLoughlin, maybe?
- 12. Element that goes up in lights

Last Week's Answers: Deutschland

With over 10 submissions, this makes this last week's Games & Puzzles contest the most popular one ever! Although I admit the questions were somewhat biased towards Germans, no submission got all of the problems correct. The best solution was given by Kevin Carle, who got 12 out of the 15 questions. Unfortunately, I don't have space this week to give you the answers. They should come out next week.

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Events & Notices

CONTINUED FROM PAGE 12

potential for, a career in the nuclear power industry. Approximately 125 awards of \$2,250 each will be made to students who are currently pursuing a bachelor's degree in nuclear engineering, power generation health physics, or a nuclear/power option in a discipline such as chemical engineering, electrical engineering, or mechanical engineering. Application materials must be postmarked no later than February 1, 1995.

The American Scandinavian Foundation of Los Angeles (ASF/LA) is awarding four \$1,000 scholarships to undergraduate and graduate students with a demonstrated interest in Scandinavia. Applicants must have strong academic qualifications and must show financial need. Two letters of recommendation, appropriate transcripts, and the completed application are due by March 15, 1995

The American Electroplaters and Surface Finishers Society is offering scholarships to upper class undergraduate and graduate students who are interested in careers in the surface finishing field. This includes those majoring in the fields of Chemistry, Chemical Engineering, Environmental Engineering, Materials Science, Materials Engineering, Metallurgy, or Metallurgical Engineering. Applications and all requested documents must be postmarked by April 15, 1994.

Please contact Lauren Stopler, Fellowship Advisor for information on any of the awards of programs listed below at extension x2150 or e-mail at Lauren_Stopler@starbase1.caltech.edu or contact the person or organization indicated.

The Rotary Scholarship allows students to study abroad after graduation in any country having a Rotary Club for one academic year. Students must speak the language of the country. This is a great opportunity to live abroad with all expenses and travel funds paid. You can study in your major or in some other field that interests you and in which you have a good background. Juniors and seniors who apply now will be able to go abroad in fall of 1996. Therefore, it is advantageous to apply as a junior if you wish to go abroad immediately after you graduate. Find out more by attending a Rotary Scholarship Information Meeting and Pizza Lunch on Monday, December 5th at 12 noon in Winnett Lounge. Call x6330 by Thursday, December 3 to let us know if you will come. Please note that U.S. citizens AND international stu-

dents may apply. Applicants who have an immediate family member in the Rotary Club or whose parents work for the Rotary may not apply.

Undergraduate Scholarships for Study Abroad. The National Security Education Program (NSEP) provides scholarships to freshman through seniors who wish to pursue serious study in foreign countries as a complement to their U.S. academic and career goals. Foreign language study is required for all study abroad proposals. Students may not study in Canada, Australia, New Zealand, or Western Europe. Applicants must be U.S. citizens. Freshman and sophomores may study during the summer of 1995. Sophomores, juniors, and seniors may study in the fall of 1995 or spring of 1996. All candidates must have a campus interview with the NSEP advisor, Lauren Stolper. Please come by the Fellowship Office in the same

building as Lloyd House to review an application. The campus application deadline is Monday, November 28. All application materials must be turned in to Lauren Stolper.

Tau Beta Pi, the national engineering honor society, is offering fellowships in the amount of \$7500 for use in graduate studies which advance the interest of the engineering profession. Applications are welcomed from all members of Tau Beta Pi, both students and those already graduated. Students who will be initiated by March 1, 1995 are also eligible to apply. The fellowship committee looks for high scholarship, strong faculty recommendations (two are required), definite extracurricular contributions, unusual promise of substantial achievement through a definite plan or purpose, and a program through which accomplishment will advance the interest of the engineering profession. Interested students should contact Joe Lee at extension 1420 or through e-mail (jpllee@cco). Applications must be postmarked on or before January 17, 1995.

The James Madison Memorial Fellowship Foundation has at least one \$24,000 fellowship available in California for master's level graduate study of the framing, principles, and history of the Constitution by current and prospective secondary school teachers of American history, American government, and social studies. The fellowships are available to U.S. Citizens or permanent residents who are either college seniors or master's level graduate students and are pursuing one of the following degrees: MA in American history or political science; MA in Teaching in history or political science; or a related master's degree in education that permits a concentration in American history, American government, or social studies. For additional requirements and for information on how to apply, come to the financial aid office, or write to the James Madison Fellowship Program, P.O. Box 4030, 2201 North Dodge Street, Iowa City, IA 52243-4030. Completed applications must be received by March 1, 1995.

The James Madison Fellowship has also begun to

provide graduate school funding for outstanding college seniors or college graduates without teaching experience who intend to become secondary school teachers of American history, government, or social studies for grades 7-12. Applicants may study for a master's in American history, political science, a master's of arts in the teaching of history or political science, or a master's in education that permits a concentration in the fields specified above.

The Lemelson Fellowships allow undergrads to explore creative solutions to real-world problems as a visiting student at Hampshire College. Undergrads can go for either one semester and receive full tuition or go for a full year and receive 70% tuition. Hampshire is located in a beautiful part of Western Massachusetts near Amherst, Smith, Mt. Holyoke and U. Mass Amherst. Lemelson Fellows can take courses at any of these schools. This is a wonderful way to see another part of the country and have it paid for. The deadline for the fall semester of 1995 is March 15.

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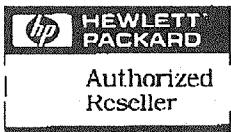
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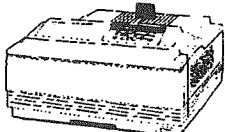


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Notices

For the last several years, the Human Resources Department has "adopted" needy Pasadena families in lieu of a gift exchange among ourselves. Providing toys, food, and clothing for those who would otherwise not be able to celebrate has been very rewarding for us all. If you would like information about adopting a person or family, you may call Veronica Kirton at x6374.

Goodwill Industries of Southern California is seeking male and female volunteers to model authentic antique fashions that date as far back as the 1860's. The style shows are held at major hotels, country clubs, and churches to benefit the non-profit Goodwill, which provides rehabilitation and job training and placement for people with physical and mental disabilities and/or social disadvantages. Shows are held weekdays as well as weekends. Goodwill is seeking models between the ages of 18 to 70 years, so please contact Beryl Panza or Cathy Hoyt at (213) 223-1211 Ext 229 or 230 for more information.

Care to Tango? Every Tuesday in December there will be tango classes held in Dabney Lounge sponsored by the Caltech Folk Dancers. No experience or partner is necessary, and everyone is welcome! Classes begin at 7:30 p.m. Call (818) 797-5157 for more information.

The Los Angeles Free Clinic is seeking volunteers to serve as mentors for homeless and high-risk youth in Project STEP (Short Term Employment Project). Project STEP is the only employment program for homeless youth in Hollywood and is looking for stable, responsible adults who can commit one hour a week to talk to a young person trying to his or her life around. Spanish-speaking mentors are particularly needed. For more information, please call Craig Fleishman at (213) 653-8622.

The Caltech Muslim Student Association will hold Muslim Friday Prayers weekly in the Y-lounge at 12:40 p.m.

Faculty and Staff: Share this year's Thanksgiving Holiday with Caltech's international students at your home. International Student Programs is assisting the Caltech community in arranging Thanksgiving dinners for international students at the homes of faculty and staff. If you are interested in hosting a student please contact Chris via e-mail: Chris@pemail, or call x6330 by November 18, 1994.

"Take a Break and Spend Some Time with Friends." The office of the International Student Programs would like to invite you to our Open House for coffee, tea and conversation. Every Wednesday from 4:00 p.m. - 5:30 p.m. at the office of International Student Programs, Olive Walk. Open to the entire Caltech community.

Give Blood—Two-day blood drive in the Winnett Student Lounge, Monday, November 21 from 9:15 - 2:30 and Tuesday, November 22 from 12:15 - 5:30. Every participant will receive a free T-shirt, and the Red Cross encourages you to remember that each donation can save four lives. Please contact Veronica Kirton at x6374 for an appointment, although walk-ins are welcome.

Work Study Job Openings

The Office of Public Events is looking for more student ushers for events in the Beckman and Ramo Auditoria. Hours will vary. Please respond to Ram Basu at x3667 or rb@romeo.

From the Counseling Center

The Gay, Lesbian and Bisexual Support Group meets the first and third Tuesdays of each month at 7:30 p.m. 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.

Coming Events

A Science, Ethics, and Public Policy Seminar entitled "Vilified or Vindicated: The Gallo Misconduct Case" will be given by Dr. Rosa Haritos, Andrew W. Mellon Fellow of Stanford University, on Thursday, December 1st at 4:00 p.m. in the Judy Lounge, 110 Baxter.

Morca Dance Theatre will be held in the Beckman

Events and Notices

denotes a new announcement.

Free Tickets and Stuff

The Caltech Jazz Band will hold a Friday Noon Concert today, November 18th in the Winnett Quad, so bring your lunch and listen to some great music!

The Caltech Wind Ensemble will present a concert on Saturday, November 19 at 8:00 p.m. in the Beckman Auditorium. The performance will include a guest performance by soloist Robin Reed who will sing well known arias from famous operas, including *Pagliacci*, *Rigoletto*, and *Tosca*. The concert band will play music "from around the world." Admission is free and open to the public, and there is also free parking near the auditorium. For further information please call extension x4652.

The Caltech-Occidental Symphony Orchestra will be holding a concert on November 22nd at 8 p.m. in the Ramo Auditorium. Allen Gross will be conducting this concert, which is free to the public. For more information please contact x4652.

The Caltech Men's and Women's Glee Clubs and the Caltech Chamber Singers will present their annual free Holiday Concert on Friday and Saturday, December 2nd and 3rd in Caltech's Dabney Lounge. The Chamber Singers will add traditional carols to this holiday mix. Call extension x4652 for more information.

Club Announcements

The National Society of Black Engineers (NSBE) will hold a general meeting on Thursday, December 1st at 5:30 p.m. at 287 S. Hill in the upstairs meeting room. This organization is not restricted to black students or to engineering students, but the goals of this organization are first and foremost to retain the minority population already at Caltech, and secondly to recruit minority students into Caltech's upcoming freshman class and into Caltech's upcoming batch of first-year grad students. We also do some outreach to local high schools as resources permit. Anyone interested in helping NSBE reach these goals is welcome to attend. If you have any questions, please contact the Chapter President, Cedric Hobbs, at x6207.

A new club/class is being initiated for students interested in Kendo, Aikido, Stage fighting, and/or Stunt work. Please contact Bernard Wong at extension x6638 if you are interested.

The Caltech Ballroom Dancing Club meets every Thursday (except Thanksgiving Day) at 7 p.m. in Dabney Lounge for a free 90-minute ballroom dance lesson. No previous dance experience is required. Experienced dancers meet every Sunday at 1:30 p.m. in Winnett Lounge for a two-hour intermediate ballroom dance lesson. For further information, please send e-mail to rherman@arms.gps.caltech.edu.

OASIS, the Organization for the Advancement of Space Industrialization and Settlement (A Chapter of the National Space Society), invites you to their seminar "Amateur Space (or Let's Build a Rocket in the Garage)" on Saturday, November 19, 1994 at 7:00 to 8:30 p.m. in the Von Karman Auditorium, Jet Propulsion Laboratory. For over 30 years, space exploration has been dominated by governments and large corporations. Now low-cost computer, microelectronic, and materials technologies put space within the grasp of the amateur. Members from local amateur space groups will discuss their work in this field and show hardware and videos of flight and ground tests. Admission is free, though donation will be gratefully accepted; children are welcome. For more information, call the OASIS Hotline: (310)364-2290. If you would like to join in, meet at the Red Door Cafe on Saturday, November 19 at 5:45 p.m. Bring your cars! For more information, e-mail cs@cco.caltech.edu.

Internships and Competitions

Sao Summer Internship Program 1995 Applications are invited from undergraduates to participate in the Smithsonian Astrophysical Observatory Summer Intern Program at the Harvard-Smithsonian Center for Astrophysics in Cambridge, Massachusetts. We anticipate that twelve positions will be offered during the summer of 1995. Research opportunities exist in all areas of astrophysics from planetary science to cosmology including theory/observation, data analysis, instrumentation and laboratory astrophysics. The program will provide students with the opportunity to

use telescopes at the Oak Ridge Observatory and to present a paper at a scientific meeting. The Intern Program begins June 12th and ends August 18th, 1995. The stipend will be \$250 per week, and housing/travel will be subsidized. Applicants must be US citizens (or hold a valid green card) currently enrolled in a program leading to a bachelor's degree. Graduating seniors are not eligible. For more information email to: IN@kdlow@corwin.harvard.edu

The Sacramento Bee, a 270,000 circulation McClatchy newspaper located in California's capital city, is offering summer internships in reporting, sports, copy editing, photo-journalism and infographics. The internships are full-time for 12 weeks and pay \$375 a week, though you'll be responsible for your own housing. Apply by December 1, 1994 for internships in News, Sports Reporters, Copy Editors, Photographers, and Graphic Artists to The Sacramento Bee, P.O. Box 15779, Sacramento, California, 95852 or call (916) 321-1001 for more information.

The 1995 Elie Wiesel Prize in Ethics Essay Contest, with awards totaling \$10,000, is now open to junior and senior undergraduates who are enrolled full-time at an accredited college or university in the United States. The deadline for submitting an original 3,000-4,000 word essay is January 13, 1995. The theme for this year is: "Creating an Ethical Society: Personal Responsibility and the Common Good." For entry forms and guidelines contact: The Elie Wiesel Foundation for Humanity, 1177 Avenue of the Americas, 36th Floor, New York, New York 10036. Phone: (212) 221-1100.

Fellowships and Scholarships

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

The Korean American Scholarship Foundation, Western Region, is offering two scholarships of \$10,000 each or four scholarships of \$5,000 each, and more than twenty scholarships of \$1,000 or higher to full-time students of Korean-American heritage. Applicants must be at least second year undergraduates, or graduate students. To receive an application, write to: Scholarship Committee, KASF Western Region, 400 Bridge View Drive, Anaheim, California 92808. Completed applications are due January 31, 1995.

The College Women's Club of Pasadena Scholarships Foundation is awarding scholarships and fellowships of at least \$1,500 for the 1995-96 academic year. Applicants must be at least second year undergraduates or graduate students who will be enrolled full-time in 1995-96 and have at least a 3.0 GPA. Completed applications and all supporting documents must be submitted to the Financial Aid Office no later than February 9, 1995.

The Chinese-American Educational Foundation is offering scholarships to graduate and undergraduate students of Chinese descent. All applicants must be full-time students in 1995-96 and have at least a 3.0 GPA, and undergraduates must have completed at least one year of study. Completed applications must be received by April 10, 1995.

The Los Angeles Chapter of the Data Processing Management Association (DPMA) is offering at least one scholarship for \$1000, provided by the Bert A. Monaghan Scholarship Fund. Eligible students must be majoring in Computer Science, must have filed a FAISA application and have demonstrated financial need. Application forms and guidelines for additional requirements are available at the Financial Aid Of-

ice. Completed applications must be received at the Financial Aid Office at 515 S. Wilson no later than 5:00 p.m., Wednesday November 23, 1994.

The American Concrete Institute (ACI) is offering several awards. The Peter D. Courtois Concrete Construction Scholarships are two \$1000 awards for undergraduate study in concrete construction for the 1995-96 academic year. Eligible students must be enrolled at least half-time and must be seniors in 1995-96. The application, available at the Financial Aid Office, with all required supporting documents is due January 10, 1995. ACI Committee is also offering one ACI-James Instruments Student Award in the amount of \$800, for original student research on non-destructive testing of concrete. Applicants must submit a technical paper describing the research. The award is open to undergraduates and graduate students, and the research work must have been completed within two years of the submission date. Completed technical papers must be received by ACI Committee no later than November 30, 1994 at the following address: c/o Dr. Allen Davis, STS Consultants Ltd., 431 South 300 East, Salt Lake City, Utah 84111. ACI is also sponsoring three different competitions: the Concrete Cube Competition, the Concrete Egg Protection Device Competition, and the Concrete Projects Competition. For complete rules, call the ACI Education Department, at (313) 532-2600.

NDSEG Fellowships. The National Defense Student Educational Grants are sponsored by the Dept. of Defense and are very similar in value and requirements to the NSF awards. No military service is required to win these awards and they can be used at any U.S. university. The NDSEG grants will not be mailed out to colleges for two more weeks. Check with the Fellowship Office after December. Seniors and 1st year grad students are eligible to apply. Must be U.S. citizen.

The Association of Former Intelligence Officers San Diego Chapter 1 announces the establishment and offering of the Annual Lieutenant General Eugene F. Tighe, Jr., USAF, Memorial Scholarship. The scholarship is in the amount of \$1000. It will be awarded based on the judged quality and suitability of a 1,000-1,500 word essay on the topic of: "What role should the United States Government's Intelligence Community play in supporting American business interests worldwide?" Completed applications/essays must be postmarked no later than December 15, 1994.

Glamour Magazine announces its 1995 Top Ten College Women Competition. Scholarships are in the amount of \$1000. Winners also receive national recognition in Glamour's October 1995 issue, and the opportunity to meet with top professionals in their fields. Women who are full-time juniors for the 1994-95 academic year are eligible to apply. Applications are due January 31, 1994.

Josephine De Karman Fellowships provide ten \$6,000 fellowships. Students in any discipline (graduating seniors who will start graduate school next fall through graduate students who will be entering their final year of study in 1995 - no post-docs) can apply. The grant is for one year only. While special consideration is given to students in the humanities only a small group of universities are invited to have their students apply for this award so scientists/engineers are competitive. Note that international students already enrolled at Caltech as undergrads or grad students may apply. Applications must be requested by each individual in writing by January 15, 1995. Send your request for an application to: Mrs. L. Hays, Secretary, Josephine de Karman Fellowship Trust, P.O. Box 3389, San Dimas, CA 91773. Application postmark deadline is January 31, 1995. So request an application now.

The National Academy for Nuclear Training announces its Scholarship Program Competition. Academy scholarships are awarded on the basis of merit to students with a demonstrated interest in, and

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