

ASCIT Election Results

ASCIT Secretary: David Relyea
ASCIT Treasurer: Kanna Shimizu
IHC Chairman: Thomas Maccarone
Dir. for Academic Affairs: Ken Walsh
Dir. for Social Activities: Greg Steiert
Upperclass Dir.-at-Large: Laura Muñoz
Freshman Director: Melissa Saenz
Athletic Manager: Laura Verhoff
Board of Control Sec.: Ricky Carson
Tech Editor: Team of 5

All officers-elect please contact Samantha Foster at x1069 or samf@cco as soon as possible to have a picture taken.

Jazz Concert Really Brings up the Heat

by Royden Jones

On January twenty-first, The Caltech Jazz Bands performed in Beckman Auditorium with guest drummer Gregg Bissonette. The music was directed by William Bing, who received wide applause from the audience. The performance started at 8:05 p.m. with about eighty percent capacity; quite a few people showed up to the Jazz performance, perhaps in part due to the detail that it was free.

The introductory piece, "Four Brothers", by Jimmy Giuffre and arranged by Peter Blair, was performed loudly and got heavy applause. William Bing then talked to the crowd, where he was quite well liked. The night continued with a performance of "Stolen Moments" by Oliver Nelson, arranged by Mark Taylor. After this piece, Erica Alliston spoke to the crowd. The charming, if slightly

nervous, tenor saxophone player told the crowd numerous anecdotes, and remarked on the detail that Ruddock House populates the Jazz Band, with 19 members there that night.

The next piece was "Someone to Watch Over Me" by George Gershwin. Compared to the previous pieces, it was much softer and calmer, and was this writer's favorite in the entire evening. The song is also on one of the tracks on the Caltech Jazz Band *Exothermic Jazz* CD, available from quite a few places around Pasadena. After this piece, the guest drummer came on-stage to the loudest applause of the evening yet. Proclaimed by the director as "One of the greatest drummers in the world," Gregg Bissonette performed quite loud in several solos. Maddeningly elaborate and expressive seemed to be the rule on his solos in each piece. First, orange

SEE JAZZ, PAGE 11

ARC Committee Needs Members!!

It's ARCtime! The newly-instituted ASCIT Academics and Research Committee (ARC), which was voted into existence just a few weeks ago to replace the Educational Policies Committee (EPC), needs members! This committee will serve fundamentally the same purposes as the EPC, with the additional duty of enhancing the undergraduate research experience, and it will be set up differently than it is at present, in a manner akin to the way BOC Reps are selected.

For the very first ARC ever, sign-ups will go up in the Houses for House ARC Reps, and on the Winnett window for Reps-at-Large. One House Rep will be chosen either by House election or appointment (in a manner consistent with the policies of the House); the two Reps-at-Large will be interviewed and appointed by the Board of Directors. Signups will be up *this week only*.

As with the EPC, the ARC

will be chaired by the ASCIT Director for Academic Affairs, and is charged with handling such affairs as: discussing changes to the core curriculum and proposing ideas to the Faculty Board; overseeing and energizing the ombuds system; monitoring relevant faculty-student committees (e.g. Academic Policies, UASH, Undergraduate Admissions); putting together and/or following up on the biannual Student-Faculty Conferences; exploring potential research opportunities; and actively seeking out and pursuing ripe academic or research-oriented issues and services.

This is a committee for people who are not afraid to dedicate a significant amount of time and creative energy to improve the quality of the undergraduate academic and research activity here at Caltech. Without a doubt, you *will* make a difference. Sign up!

Questions or comments should be directed to floho@cco.

Friction in Grad Council Two Board Directors Resign

by Zackary Berger

Remember the horn locking between ASCIT (that's the Associated Students of Caltech; undergraduate student government, so to speak) and the IHC (the Interhouse Council)? Remember how much fun it was and how sorry you were when the fuss blew over? No more enmity, no more ill will—how boring student government is when cooperation spreads like kudzu.

But if you're hankering for rancor, the Graduate Student Council (GSC) just might be a place to go. Thursday's meeting featured the loud and prominent resignation of two members from the GSC's Board of Directors; they couldn't stand the infighting and pettiness. (Another director resigned by mail, presumably to avoid the rush.)

No one (besides the Chair) argued their points, because the GSC had just swum through a delicious and finger-pointing bylaw dispute. It turns out (this wasn't covered in the meeting, but rather gleaned from somewhat reliable sources) that the chair of the Graduate Review Board, Daniel Maskit, was accused of misusing his position; allegedly, he favored clubs with inside information about the status of their funding. A scandal, of course, erupted. Motions flew thick and fast in December and January—some to remove the GRB Chair (whose responsibilities are somewhat similar to those of the

BoC Chair), some to table those motions, some to table the tables.

Maskit, in rebuttal, claimed that the bylaws (referred by the Board of Directors as if given by the prophets) do not allow his removal by the GSC. After a meeting of the GSC Steering Committee (much like similar bylaw-interpreting bodies in ASCIT) with a Caltech lawyer, the answer came back: true indeed, the bylaws don't allow his removal.

What was the GSC to do? At this point the Graduate Dean, Arden Albee, thought he'd step in with a little help. I will, he trumpeted, force the removal of both the GSC and GRB Chairs if a negotiation does not bring this dispute to an end. Not surprisingly, a negotiation has brought such an end—it was unveiled at today's Board of Directors meeting.

Under the settlement ("out of court," as a Director humorously qualified it), Maskit stays in office until April, when GSC and GRB elections are normally held. Some of his GRB responsibilities (including the investigation of possible Honor System violations among graduate students) will devolve to Kevin Crellin, the Board's secretary. Maskit, however, will retain his title as GRB Chair.

"Petty infighting," maybe, but the dispute seems to have thrown into relief a couple of issues relevant to the GSC and its representation of the graduate student body. First, Arden

Albee made use of the Roman rhetoricians' trick of *occupatio*: he dictated by merely threatening to dictate, thereby capturing the GSC in the illusion of its own independence. (The treasurer, with the agreement of the Board, will now look into possible financial support from Albee so that the GRB can go on having food at meetings.)

Second—those pesky bylaws. At first the Board of Directors was under the impression (or so it seemed at the meeting) that the bylaws merely were difficult to interpret with regard to the respective authority of the GSC and GRB. But the truth is worse than that: the bylaws completely fail to specify what machinations should proceed in such a dispute. This omission, and other similar lacunae, are forcing the revision of the bylaws by an appropriate GSC committee (one of many). The bylaws which the GSC looks to so often are inconsistent and (worse) incomplete—a humbling lesson for any (ASCIT) secretary.

Other business was covered, most (like the ASCIT BoD's meetings) rather tedious. This interested spectator left three-quarters of the way through. But upon leaving, he sensed flammable material in the room, and tension, and grim expressions: further reminder that student government is most entertaining when furious, but for the sake of efficiency nothing we should get angry about.

Maxine Hong Kingston to Deliver Lecture

from Public Relations

Maxine Hong Kingston, a Caltech Distinguished Speaker, will be giving a talk at Dabney Lounge on Wednesday, February 15, 1995. Ms. Kingston is best known for her novels, *Tripmaster Monkey: His Fake Book* (1989—PEN Fiction Award), *The Woman Warrior* (1976—National Book Critics Circle Award) and *China Men* (1980—National Book Award and runner-up for the Pulitzer Prize). She has also published poetry, essays and short stories.

Born in Stockton in California's San Joaquin Valley, Ms. Kingston graduated from the University of California Berkeley in 1962 and returned a year later for a teaching certificate. Since then she has periodically taught high school and college English in California, Hawaii, and Michigan. In the early 1980's, she received fellowships from the National Endowment for the Arts and

SEE KINGSTON, PAGE 3

In This Issue



Jesse and Celine encounter each other on the Eurail. Adam Villani, *Media Guy*, reviews Before Sunrise on page 6.

The Usual Stuff

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Opinion



It's a Shame

by Angie Marie Bealko

Over the past three years I've noticed a sad chain of event occur. However, not until this year's Interhouse field events competition did I realize how disgraceful one aspect of Interhouse has become. For those of you who did not witness the pathetic display of unsportsmanlike behavior this past Monday, consider yourself lucky. Now, please understand that I didn't write this letter to condemn one person's particularly rude behavior. I wrote this letter because I've noticed how the good-natured spirit of Interhouse has declined campus-wide since I started at Caltech. It seems to me that Interhouse was most likely first created as a friendly sports competition with the intent of giving students a break from their class work, and letting them have a little fun. I've noticed, however, that a few too many people have forgotten all about the "fun" aspect. I understand that Interhouse is a competition, thereby implying "competitiveness." Trust me when I say that I thrive on being competitive. I love to box someone out on the basketball court or throw my body to dig a ball on the volleyball court. *That's why I play intercollegiate sports!* I stopped playing most

Interhouse sports because they just weren't fun anymore. Instead of seeing people laughing and enjoying talking to a few "hardly seen" friends from other houses, I see people going for blood and trying to show off their athletic prowess when playing against casual athletes. Once again, maturity and good sportsmanship reign supreme at Caltech. Not everyone lives and dies for sports, but *everyone* needs to respect the fact that some people do live for athletics, and some people don't. It's all about tolerance and growing up. Oh, and having fun.

Registrar Impartiality

Anonymous

The inconsistencies issuing from Dr. Judith Goodstein, the Registrar, have become numerous enough to seem untruthful. Dr. Goodstein has been caught institutionally in only one big whopper: she was kicked off the Convocations Committee for making a decision without its undergraduate representatives. "Kicked off" means she's taken the requisite heat for that faux pas, and shouldn't be further vilified. But that incident, taken with a slew of anecdotes, leads

one to believe that the Registrar cannot be trusted.

She has (among other things) removed already-granted credit from students' transcripts; distorted students' remarks as a representative on faculty committees; and displayed a remarkably selective memory in the granting of credit for outside courses. Most recently, she has double-talked and side-stepped her way around the double-option issue. Claiming to have consistently represented her office's policy with regard to the awarding of credit for cross-listed courses, she has instead flagrantly misled Bi/Ch double majors as to the status of their option requirements.

Before condemning her, however, one must first give her the benefit of the doubt. She is the Registrar, after all, saddled with the unenviable and difficult job of applying the general terms of the Catalog to the problems and complications of individuals. Inconsistencies in such interpretation are bound to spring up, and are not necessarily indicative of any untrustworthiness.

The preceding paragraph is true enough, even including the last sen-

tence. But when the inconsistencies are committed without regard for the convenience or feelings of students, and perpetrated (this is what makes the blood boil) without their knowledge—then one may notice that inconsistency and untruth have become interchangeable.

Such connivances on the part of Dr. Goodstein come to the notice of the rest of the Caltech community only with difficulty. After all, instructors record their grades, remit them to the Registrar's office, and assume with touching naivete that they are inviolate—and that credit, once granted, stays that way according to the rules of the Catalog. They further assume that interpretation is not allowed to override fairness. Individual anecdotes are occasionally brought to the attention of academic advisors; but, isolated, they can hardly stand alone as cause for alarm.

Numerous anecdotes sharing disturbing likenesses are now indeed cause for such alarm on the part of undergraduates, who are the unwitting and sole recipients of Dr. Goodstein's favors. Is consistency in interpreting the Catalog too much to expect?

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.

The California Tech's anonymity and pseudonym policy is as follows: Any submission may be accompanied by a request for a pseudonym. However, the real name must be given to the editors, which will be released upon request.

Editors' Corner

From your Friendly Pianist

First, we would like to apologize for a few mistakes made in last week's election announcement. Thomas Maccarone was not running for Director for Academic Affairs, and Stacy Kerkela was inadvertently omitted for Upperclass Director at Large. We apologize for any inconvenience this may have caused.

We've got a new feature that asks members of the Caltech faculty "What would really happen if...?" It's on the next page.

Next week we'll give you the complete election numerical results. If you're one of the electees, contact our photographer (see the first announcement on the last page) so that we can get a photo of you that we don't have to cut out of the frosh photo stack.

Our deadlines are the usual ones...

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!

(See, we need proofreaders, too!)

12:15, Fridays, Coffeehouse

Letter to the Editor

Dear California Tech,

So Agyeman Boateng thought that Caltech's Martin Luther King Day observance was a really important event, well done and well worth attending, and "thought about writing an article [for the Tech] in case no one on your staff had, but... decided not to." Well, my friend, that's exactly why no article appeared—because you didn't write it! In the length of time it took you to compose your diatribe to the overextended Tech editors, you could have covered the event yourself. In the future, if something is important to you, I respectfully suggest that you stop assuming someone else will do it and get involved! The Tech, and everything else on this campus, is only as good as the people who participate in making it happen.

Sincerely,
 Doug Smith
 Public Relations, 1-71

And think of all the time you'll save by addressing the entire campus in one shot, as opposed to recapping the event one-on-one to all interested parties, as you volunteered to do in your postscript. . .

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SOMETHING DIFFERENT AT CALTECH

THE NEW SOUTH AFRICA
Armchair Adventures
 FRIDAY
 FEBRUARY 10, 1995
 8 PM
 Beckman Auditorium
 narrated by Sherilyn Mentes \$8.00 - 6.50

LADY WITH BLACKS
BLACKS SOLD OUT
JAMBAZO
 SATURDAY, FEBRUARY 11, 1995 / 8 PM
 Beckman Auditorium
 \$31.00 - 28.00 - 25.00

Larwit C. Watson
CALTECH LECTURE
 WED., FEB. 15, 1995 / 8 PM
 Beckman Auditorium
 FREE

Dr. James M. Bower
"SCIENTISTS AND SCIENCE EDUCATION REFORM: MYTHS, METHODS AND MADNESS"

CHINESE GOLDEN DRAGON ACROBATS
 SATURDAY, FEBRUARY 18, 1995 / 8 PM
 Beckman Auditorium
 \$25.00 - 22.00 - 19.00

Coleman Chamber Concert
LARK QUARTET
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 Beckman Auditorium
 \$22.50 - 19.00 - 15.50 - 12.00

CIT STUDENTS:
 Half price for all events
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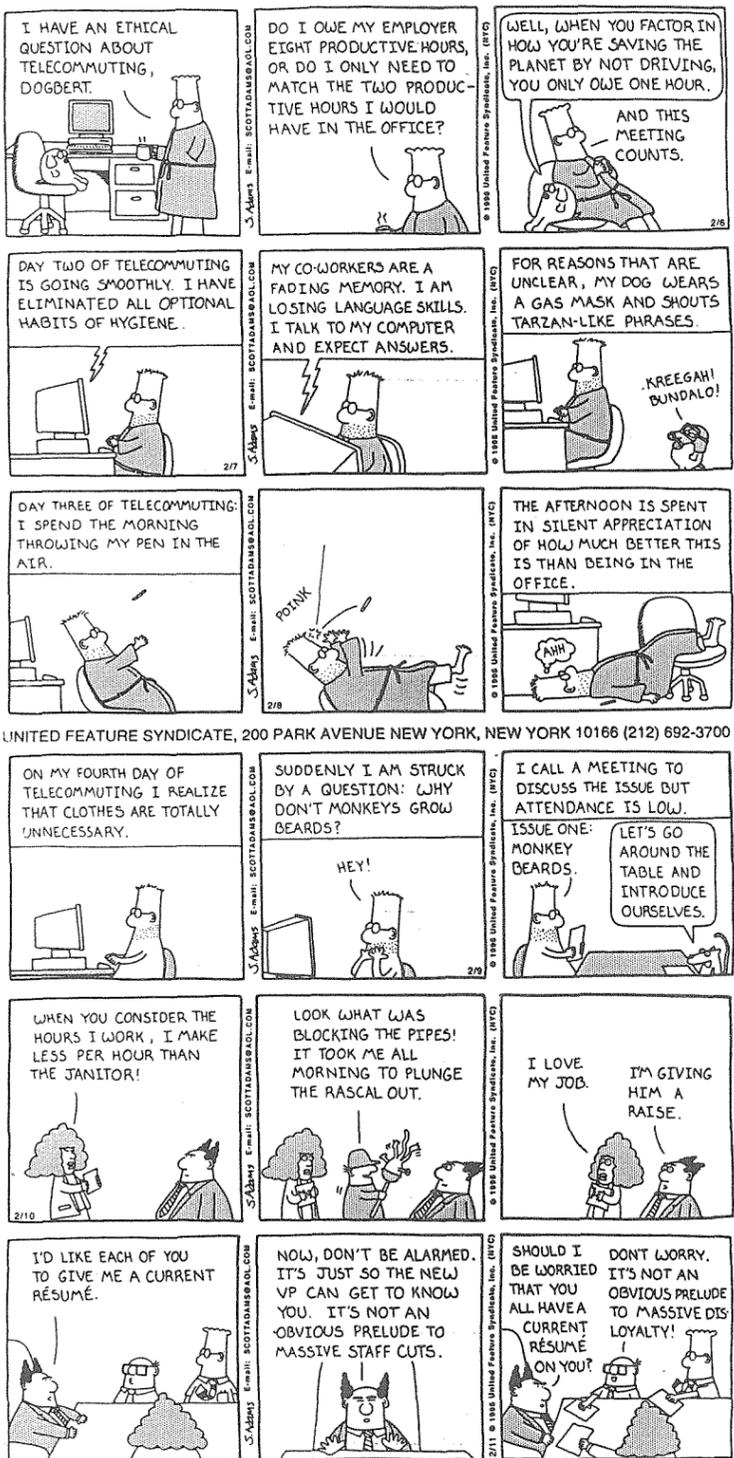
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“What Would Really Happen If...”

conceived and written by:
Zack Berger, Zane Crawford, and Bill Penn

In this feature, the editors ask Caltech faculty often-posed questions related to their areas of expertise.

Our Target: Kip S. Thorne

Question: What would really happen if you went back in time, to before the date of your own birth, to kill your parents?

Answer: The laws of quantum fields in curved spacetime (QFCST) report to us that, no matter what method I might use to make a time machine, at the moment I activate the machine, an intense beam of radiation (“vacuum fluctuations of quantum fields”) will fry the machine and probably also fry me. Unfortunately, just before the machine is fully destroyed, the laws of QFCST fail and get replaced by laws of quantum gravity, which we don’t understand at all well. Quantum gravity holds the secret of the ultimate fate of the time machine and of my parents clutched tightly to its breast—along with the secrets of the origin of the universe, the nature of the singularity at the core of a black hole, and the final fate of an evaporating black hole. If I must speculate, I would guess that quantum gravity does not change the story reported by the laws of QFCST: The time machine and I get fried for trying to tamper with history.

Kip S. Thorne is the Richard Feynman Professor of Theoretical Physics at Caltech.

KINGSTON

FROM PAGE 1
the Guggenheim Foundation. She has been honored with the American Academy and Institute Award in Literature, California Governor’s Award in the Arts, Hawaii Award for Literature, California Arts Commission Award, and the Anisfield Wolf Book Award. Ms. Kingston was recognized as a “Living Treasure of Hawaii” in 1980 and was named Asia/Pacific Women’s Network Woman of the Year in 1981. In 1992, she received a Lila Wallace writing fellowship. Her poems, stories and articles have appeared in *The New Yorker*, *Los Angeles Times*, *Iowa Review*, and *American Heritage*, among other periodicals. She teaches at the University of California at Berkeley and is currently working on a novel titled *The Fifth Book of Peace*.

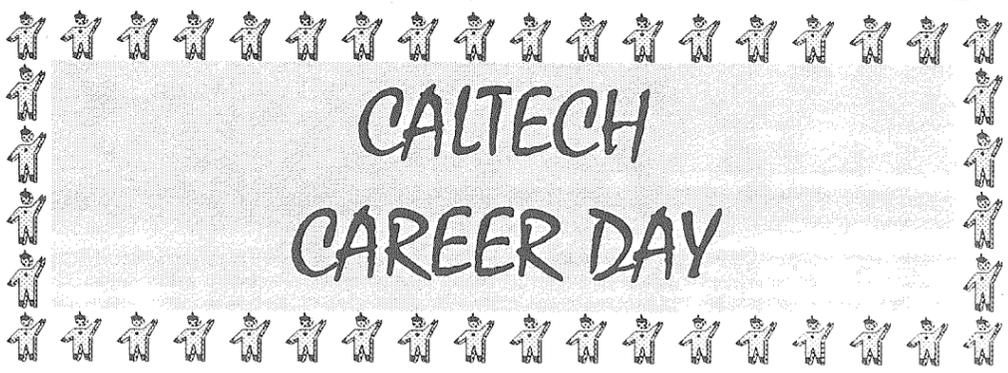
Ms. Kingston’s talk, “Another Book of Peace,” will be held in Dabney Lounge at 7:30 p.m. and is open to the community at no cost. This event is co-sponsored by The Multicultural Task Force, Race, Politics, and Region, The Caltech Y, and The Women’s Center. This event is partially funded by a grant from The James Irvine Foundation. For further information, please contact Athena Castro at (818) 395-6163.

Space Filler

JERUSALEM, Jan 30 (Reuters): An Israeli rabbi has banned cellular telephones and pagers from synagogues, saying they interfered with worshippers’ communication with God.

Rabbi Mordechai Eliahu, a renowned sage and a former chief rabbi of the Jewish state, published the edict on Monday.

Interestingly, the cell phones are called, “Miracle Phones.”



CALTECH CAREER DAY

THURSDAY, FEBRUARY 16
11:00 A.M. - 3:00 P.M.

WINNETT LOUNGE

- Talk to company recruiters representing a wide range of industries
- Gather information about careers, summer employments, & career opportunities
- Door prizes for students & postdocs. Bring resume to enter drawing

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Amgen, Inc.	Hewlett Packard	Oak Ridge National Lab
Applied Materials	Hughes Aircraft Company	Oracle Corporation
Banner Blue Software	Institute for Defense Analyses	PairGain Technologies, Inc.
Communication Mfg. Co.	Intel Corporation	Peace Corps
Control System Analysis	Jet Propulsion Lab	RD Instruments
Defense Intelligence Agency	Knowledge Adventure	SAP America
Electronics for Imaging, Inc.	Lasergraphics, Inc.	Software Technologies
Failure Analysis Associates	Lear Astronics Corporation	Sun Microsystems
First Quadrant	McDonnell Douglas Aerospace	Teradyne, Inc.
General Motors R & D	Medtronic, Inc.	Western Digital Corporation
Gilead Sciences	Microsoft Corporation	Xerox Corporation

For More Info: Contact the CDC, 08 Parsons-Gates, ext.6361

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Susan Wisnycyna, USA TODAY

“FUNNY AND VIBRANT.” — Janet Maslin, THE NEW YORK TIMES

“VIVID AND SEDUCTIVE.” — Richard Corliss, TIME MAGAZINE

“THRILLS AND COMEDY
shaken up into one provocative cocktail.”
— Tom Quate, PEOPLE MAGAZINE

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Clara Law
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EROTIQUE

Daily 5:15, 7:30, 9:50 p.m.
Sat-Sun Bargain Matinee 12:30 p.m.
Sat-Sun Regular Matinee 2:55 p.m.

S & M

by Sharon & Marc

Well, it's that time of year again. Valentine's Day. And let's face it: it's a lot tougher for the guys than it is for the girls. Because guys usually don't have a clue about how to be romantic. But this year's going to be different. This year, guys will have the handy-dandy "S&M's Guide to Valentine's Day For Every Stage of a Guy's Relationship". Just search through the headings below to determine which phase of a relationship you're in, and follow the ensuing instructions. As for all the women out there, you don't need a guide for Valentine's Day. You know what men want. That's right, power tools. And that other thing.

We guarantee that if this advice does not work for you, then you did something wrong and it's definitely not our fault. And don't even try to sue us. You wouldn't believe how many of our friends are lawyers.

• **You Have No Dates and No Prospects:** Your responsibility on Valentine's Day is to badmouth the holiday, call it a marketing gimmick for flower and candy companies, and razz your buddies for wimping out and not taking a stand against it.

• **No Dates, One Prospect:** Well, this is an odd situation. Since you haven't gone out with the woman yet, you're certainly under no obligation to acknowledge Valentine's Day to her. Our suggestion is that you speak with her that day, and say something like, "Hi! It's me. Happy Valen-mumble Dmumble. How about that weather lately? Wanna go out?"

• **One Date:** Do you have a Valentine's Day responsibility? Good question. Here's another good question. Did you sleep with her? If you did, than it doesn't matter how many

or how few dates you've been on. You can just skip down below to the paragraph entitled "You've Slept With Her". Okay, if you're still reading this than you've just gone out on a normal first date. Are you still interested in her? If so, you should probably acknowledge Valentine's Day in some way. Maybe a single rose, or a funny card. Don't give her a serious card. That's probably going too far. Remember, there's a fine line between affection and stalking.

• **Several Dates:** We're assuming that you're still interested in this woman. Otherwise, just "forget" Valentine's Day. Then ask her to do your laundry for you. Alrighty, you've gone out with her several times. You definitely have to do something. The recommended course of action is to take her out to dinner. Spend somewhere between \$25 and \$50. Depending on how much dinner costs, you could also get her a gift. Maybe some flowers. Women love flowers! Or maybe they just like the idea of you spending money on their behalf. Get used to it.

• **You're "Involved":** You two are seeing each other regularly and exclusively. Spend as much of the day as you can with her. Plan for a special evening, dinner and some kind of event, like the symphony or a monster truck rally. This is your chance to begin cementing the relationship, opening doors to new and exciting experiences (see below).

• **You've Slept With Her:** Well, now you've done it! You definitely have an obligation to do something significant for Valentine's Day. Pay her a lot of attention at every opportunity. Breakfast in bed, maybe a little massage. No pedicure, though. That's gross. Call her at work, maybe send some flowers there. Pull out all the stops that night. Dinner, danc-

ing, wine, candlelight, drinking flavored coffee on the big furry rug in front of a roaring fire, the whole shebang. Remember, this is "her day". Just like her birthday. And your six month anniversary. Pretty soon, every day is her day. Get used to it.

• **More of the Same:** Your relationship is advancing nicely. Do everything that we recommended in the paragraph above. And one more thing. You may have been able to put this off, but now there's no avoiding it. The woman is waiting for it. You have no choice. You must say "I love you". Either that or remove all the sewing shears from your home.

• **She Said the "M" Word:** Okay! No need to panic. Take a few deep breaths. She was probably just testing you. If you ignore it, she'll probably never bring it up again. Yeah, right. Valentine's Day presents a good excuse to propose (Oops! Bad choice of words!) a romantic getaway weekend. Traveling is a good way to judge compatibility, so be conscious of your annoying habits, and for God's sake just pull over and ask someone for directions!

• **Engaged/Newlyweds:** Awwwww. You love each other. It doesn't matter what you do, as long as you're together. Awwwww. Blech.

• **Married More Than a Year:** Wow. You had no idea marriage would be like this. You've had to put up with so much. And you're always the one who has to give in. There's only one thing to do this Valentine's Day. Go up to your wife, smile, and throw presents at her as fast as you can. If she smiles back, it's true love.

• **Married More Than Five Years:** By this time, your wife knows that if she wants to enjoy Valentine's Day, she should not only remind you of the holiday but also explicitly tell you what to get for her. You're on easy street for the rest of your life! Sit back and enjoy the ride. Just as long as you remember your anniversary. Happy Valentine's Day!

From the computer of our friend Dick Yeh, CCO Rep (but he prefers to be called 'Richard');

A Social Commentary

by J. Random HercFrosh III and Lauren

Today's Target: our favorite conspiracy theories

Before we begin, a little aside: those 'writers' S&M suck. First, we would like to offer them a clue... it's UPN, the United Paramount Network. We question whether they've even watched Voyager—clearly, they are in no position to offer advice. And speaking of advice, we don't care what you think is the best pizza in town. You don't know from Italian food. You don't know from pizza. You just don't know. What's more, don't put down Michigan J. Frog. He's a frog. He's a singer. He's a dancer. He is the Fabio of the nineties. He is all that is good in the world. In short, he is a fine mascot - worthy of representing WB, worthy of representing us all.

And while we're on the topic of S&M, we believe they are attempting to numb the minds of the Caltech community with an intent to dominate us all. Ever notice how close their title is to sadomasochism? We did. They want to make us their slaves. You know, whipping us. We have taken upon ourselves to speak with the BoC Rep formerly known as Prince about these plans. It is his belief that in numbing our minds and subjugating our bodies, they are taking unfair advantage of us and *the California Tech*. It is his, and our, earnest hope that Sharon and Mark, er, Marc, be brought to justice immediately. In our opinion, it has been much too long since the last public hanging. We hope the BoC feels similarly.

• **The Kobe Earthquake:** It was an obvious plot by the Clinton administration to cripple Japan's economy. Everyone knows how earthquake-ready Japan is—they're famous for it. The only way the

quake could have done so much damage is if it hit in all the right spots. The chance of this happening naturally is vanishingly small. The only thing that makes sense is someone simulated an earthquake in just the right spots. It's well known that the CIA has a series of caverns and tunnels several feet underground under most of Japan. They claim it's for reconnaissance, but it is neither necessary nor useful for that purpose. On the other hand, they would be perfect places in which to set off explosives simulating massive tremors. We have the technology! It can be done! It was done!

• **The French:** Think Germany—need we say more?

• **O. J. Simpson:** Actually, there is no conspiracy. He is guilty as charged.

• **The movie Sneakers:** It never really existed. Hollywood specially installed equipment to release hallucinogens into the theaters. While patrons believed they were watching the movie, they were instead subjected to a series of suggestive messages causing them to flock like sheep to the later released smash hit *The Mask*.

• **Socks the cat:** She is really a spy for the East German government in exile. They've finally perfected the hormone technology that they pioneered in the 1964 Olympics.

• **Pogs:** We have no clue what is up here, but there is no way that kids would naturally decide to play with them. Informed sources tell us that they have hits of acid on them which are slowly absorbed through the skin.

• **Mighty Morphine Power Rangers:** Those of you who haven't been able to escape from them will have
SEE CONSPIRACY, PAGE 10

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ADAM VILLANI: MEDIA GUY

Oscar Update

Sorry for the three week absence. I've been busy with some other stuff, and haven't seen many new films, haven't gone to any concerts, haven't watched much television beyond a few commercials during the Super Bowl (Pepsi wins), haven't listened to the radio beyond KFWB for news in the morning, haven't read *Rolling Stone* magazine, and haven't even paid attention to the O.J. trial. But this is Oscar season, and I've been keeping abreast of all the developments leading up to the February 14th nomination announcements and the big ceremony on March 25th, from the Golden Globes (which accomplish the impossible by giving awards to even less deserving films than the Oscars do), to the various critics awards, and even to the Cinematographers Guild nominations. My "year end" wrap-up of 1994's films won't come until mid-March, in order to give me enough time to see as many significant films as possible. You can find my own personal picks for 1994 by fingering me at adnam@cco.caltech.edu, but for now I'll do a little pre-nomination guessing.

Many critics, both armchair and professional, have lamented 1994 as being one of the worst years for film in recent memory. I disagree; I've seen more excellent movies this year than in any previous year. But that's because I've gone out of my way to see more independent, foreign, and "arthouse" films. If I had only looked at the material Hollywood produced in 1994, I too would have been disappointed at this year's crop of motion pictures. But how could I call a year with *Pulp Fiction*, *Eat Drink Man Woman*, *Heavenly Creatures*, and *Red*, just to name a few, a bad year?

Since the Academy Awards are really just Hollywood's way of patting itself on the back, it's only natural that they traditionally nominate almost exclusively films made by the big studios like Universal, Fox, or Columbia. But with this year's dearth of "Oscar-quality" (whatever that means) films, I predict two things that we'll see in the Oscar nominations: more inferior Hollywood product, but fortunately, more independent films receiving recognition.

That being said, there are three obvious predictions in the Best Picture and Best Director categories: Robert Zemeckis' hugely popular *Forrest Gump*, Robert Redford's finely crafted *Quiz Show*, and Quentin Tarantino's instant cult smash *Pulp Fiction*. That leaves two "wild card" spots in each category that could be filled by any of a number of "second tier" films. In rough order of their likelihood of being nominated for Best Picture, I would say that these consist of *Legends of the Fall*, *The Shaughnessy Redemption*, *Little Women*, *Four Weddings and a Funeral*, *The Lion King*, *Nell*, *Hoop Dreams*, *Red*, and *Nobody's Fool*. One could detail valid reasons both pro and con for each of these films being nominated, and the final nominations will leave few unsurprised. I'll go out on a limb and say that Krzysztof Kieslowski's brilliant *Red* will fetch a Best Director nomination, as the directors' branch will often nominate one or two more obscure "highbrow" films, and they may want to make up for its snubbing by the committee who ruled it ineligible to compete for the Foreign Language Film Oscar. In a year like this, though, almost nothing is certain.

Little Women

This great family film proves that movies can be heartwarming without being treacly. The fourth screen adaptation of the Louisa May Alcott classic stars Winona Ryder as Jo, the narrator of this tale of the March family growing up in 1860's Massachusetts, along with Trini Alvarado (*Mrs. Soffel*) as Meg, Claire Danes of TV's "My So Called Life" as Beth, and Kirsten Dunst (*Interview With the Vampire*) and Samantha Mathis (*Pump Up the Volume*) as Amy at different ages. Susan Sarandon portrays their strong mother who guides them in being self-assertive, independent, morally upright, and early feminists. Christian Bale (*Empire of the Sun*), Eric Stolz (*Pulp Fiction*), and Gabriel Byrne (*Miller's Crossing*) also turn in good performances as the girls' love interests. Australian director Gillian Armstrong (*The Last Days of Chez Nous*), with her first big-budget Hollywood film, is a possible Best Director nominee; the ensemble cast's different stories never meander or lose focus, the film is powerful yet not heavy handed, and the music, photography, and production design are all fine, serving the story well. If only all Hollywood productions were this satisfying.

Before Sunrise

This surprisingly good new romance from Richard Linklater (*Slacker*, *Dazed and Confused*) follows the twenty-four hours spent together in Vienna by the American Jesse (Ethan Hawke, from *Reality Bites* and *Dead Poets Society*) and French Celine (Julie Delpy of *White* and *Killing Zoe*). After briefly meeting on a train, our two young lovers spend the day and night wandering around the capital of Austria talking about everything from death to religion to public access cable before they must depart the following morning. While this may sound like a setup for two hours of dreary self-important babble, *Before Sunrise* is anything but. What *Before Sunrise* has is the magic ingredient to a successful romance, chemistry between the two leads. Jesse and Celine seem very natural together as two young people discussing life and learning about each other in a foreign land, and certainly don't come off as slacker Generation X stereotypes. There are several very long takes of Jesse and Celine together that give the film a much more relaxed, improvisational feel; some have noted that the European feel of the film goes beyond merely the setting. See this remarkable movie locally at the Pacific Hastings Ranch or the UA Marketplace in Old Town.

In the Mouth of Madness

This new film from John Carpenter (*Halloween*, *Escape From New York*) moves beyond the typical gore and slice-and-dice that many horror films have become and onto more intriguing psychological ground, but unfortunately fails to really sustain tension or come up with any truly original ideas. Sam Neill (*The Piano*, *Jurassic Park*) plays an insurance investigator sent into the backwoods of New Hampshire to find a horror novel author (Juergen Prochnow, a good scenery-chewer) who has gone on the lam from his publishers. Prochnow's novels have caused their readers to go mad, and the madness seems to be spreading amongst the populace. Various strange things transpire, leading Neill to believe that he is only a character in a book whose life is being written by Prochnow and inspiring some lines like "Reality isn't what it used to be." But perhaps because the level of reality seems to change every five minutes, none of the genuinely creepy occurrences seem to have much resonance, and the stop-and-go pacing doesn't help. Carpenter fans seem to like this movie a lot more, but if you're not one of them, don't go out of my way to see this one. *Jacob's Ladder* and *The Shining* are much better examples of this genre.

The Secret Adventures of Tom Thumb

The Secret Adventures of Tom Thumb is an innovative stop-motion animated fairy tale that doesn't quite live up to its potential, but is still an impressive, magical film that doesn't fail to enthrall. Little Tom is born to surprised yet loving parents in a poor tenement, but is soon taken away by sinister agents who want to perform frightening experiments on the poor guy. After escaping, Tom discovers a colony of little people like him and tries to find his parents again with the help of Jack the Giant Killer. This strange cross between *Eraserhead* and *The Nightmare Before Christmas* definitely should have worked on its script a bit more, as it is a bit sluggish and tends to wander around a bit. But the magical story and visual effects are nevertheless entertaining and mesmerizing, and poor Tom is very, very adorable. This is still playing weekends at midnight at Laemmle's Monica theater in Santa Monica, and is coupled with the hilarious and surreal short *Franz Kafka's It's a Wonderful Life*.

Quick Reviews of Some Holiday Releases

Queen Margot: This grand historical epic from France is everything a good epic should be. The scale is sweeping, the intrigue is complex and thrilling, and the cinematography, sets, and costumes are all top notch. As in many epics, the characters never really come alive, but are still powerful presences, most notably the beautiful Isabelle Adjani in the title role and Virna Lisi as the scheming Catherine DeMedici.

Nell: Director Michael Apted (*Gorillas in the Mist*, *Thunderheart*) has been criticized as being preachy and melodramatic, but he's much more easy to watch than Oliver Stone and actually puts his Message into a good story. Jodie Foster and Liam Neeson are both excellent in this story of a "wild woman" found in the woods of North Carolina. This certainly has a couple of flaws, but *Nell* is moving and entertaining, time well spent at the movies.

Ready to Wear (Pret-a-Porter): Robert Altman's new film about the fashion industry is certainly amusing in parts, but is overall just a big mess. This rambling ensemble piece is full of setups with no payoffs, and the much-ballyhooed finale of naked supermodels seems like a payoff with no setup. The performances are all good, but you should really watch *The Player* or *Short Cuts* instead of this sloppy effort.

Bullets Over Broadway: Woody Allen's latest film is a predictable yet very fun romp through the roaring twenties revolving around a playwright (John Cusack) who has to get funding for his play through the mob. A crime boss forces Cusack to cast his brainless girlfriend, Jennifer Tilly, as the lead in the production and hires Chazz Palmenteri to keep an eye on things, who begins to show a real knack for rewriting the play. Dianne Wiest has received numerous accolades for her great performance as a grand old queen of the stage. Very satisfying entertainment.

YESS '95

Positions for the Young Engineering and Science Scholars Program (Y.E.S.S.) are available for Summer '95 in the following areas:

- Instructor for Biology
- Teaching Assistantships in Physics, Biology, and Geology
- Head Counselor

Y.E.S.S. is a five-week residential program that exposes 40 high schools students to the joys of intensive scientific investigation.

The program runs from July 10th to August 11th.

Applications are available in the Caltech Y, and are due on Friday, February 17th.

Contact Athena at x3180
or through e-mail at: castroa@starbase1
for more information.

YNEWS

by Topher Hunter

Black History Month continues at Caltech with Micky Champion performing Rhythm and Blues music on Winnett Quad at noon today. Next week, Patricia Love will be performing a poetry reading on Tuesday, Feb. 14 in Winnett Lounge. Friday, Feb. 17 will bring a dramatic presentation by The Ixthus Players on Winnett Quad.

In addition to the Black History festivities, on Wednesday, Feb. 15, Maxine Hong Kingston will be presenting a talk entitled "Another Book of Peace" in Dabney Lounge at 7:30 pm. Ms. Kingston is the author of the award-winning books, *Tripmaster Monkey: His Fake Book*, *The Woman Warrior*, and *China Men*. Admission is free.

Next Thursday, the Y's Noon Concert series presents Visiting Violette on Winnett Quad.

Remember, folks, on the Y's long-term calendar are such events as Broomball, Climbing Trips, and a Spring Break Mountain Biking trip. These events are open to the whole campus, so drop by the Y or call x6164 for information.

That's all, folks!

David R. Derkits

ASCIT NEWS

10 February 1995

✓ COPIER

- The new ASCIT copier will be installed on Monday. Undergraduates and ASCIT-recognized clubs: don't forget to fill out an account request form. Note: the copier can only handle eight digits - when using the copier, enter your account number without the first digit. If you have any questions, or if your account number does not work, contact Penny at x6203.

✓ CURRICULUM

- Bylaw Amendment #1, which passed in the Presidential Election, creates the **Academics and Research Committee (ARC)** to replace the old Educational Policies Committee (EPC). Members to the ARC will be selected in House elections (in the same manner as BOC Reps). If you are interested in improving academics and research at Caltech, you should consider seeking a position on the ARC. Watch for additional information in the Houses.

✓ ELECTIONS

- Congratulations to the new ASCIT Officers. Numerical results will appear in the Tech next Friday, and will be posted at that time.
- Installation of the new Board of Directors is scheduled for late February. Questions re: Installations should be directed to Chris Marsh.

✓ MISC ANNOUNCEMENTS

- Meetings of the current Board of Directors are held every Wednesday at 11:00 AM in the ASCIT Office, 64 SAC. Meetings are open to the Caltech community. Note: this meeting time may change for the new Board.
- Given the expiration of old terms of office, the Committee on Student Government (COSG) has been dissolved. The Board of Directors thanks the members for their time and efforts.
- The *Undergraduate Research Opportunities Handbook (UROH)* has been released. Copies are available in the library of each House.
- Today, and every Friday from 2:00 to 4:00 PM, undergraduates have the opportunity to talk/chat with various Student Affairs administrators in the Coffeehouse.
- The committee charged with reviewing the advisor system has released a 'Survey on the Advising System' to the student body. ASCIT is helping with collection of the surveys. Please try to send your survey in by today.
- <http://www.cco.caltech.edu/~ascit/>
- 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. The Minutes are available on caltech.ascit.announce and in House lounges.

Jobs And Internships In The Software Industry

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Thursday, February 16th
In The Winnett Lounge

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Interesting fact: *Banner Blue's Vice President of Engineering, Eric J. Holstege, holds a Bachelor of Science degree with Distinction in Engineering, and a Masters degree in Computer Science, both from the California Institute of Technology.*

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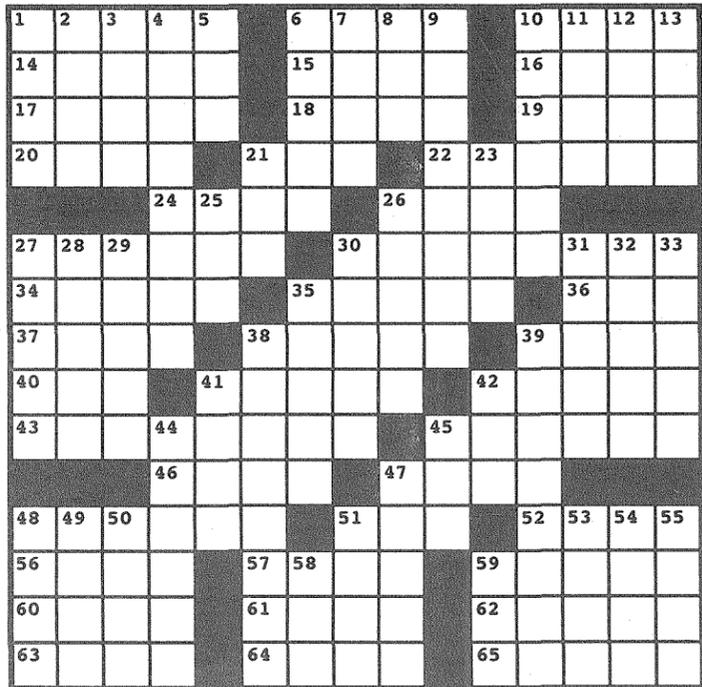
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Crossword

edited by Wei-Hwa Huang



- Across**
- Some of them are hard
 - King defeaters
 - Begged
 - 'umble man, 'e is
 - Quick or Bubble
 - Plod
 - Grade?
 - Landing or loading
 - He thinks, so he is
 - Lamprey-like animal
 - "...the Eagle has ____."
 - Not far
 - Ph 2 student's favorite curve?
 - Baxter, Beckman, Blacker, Booth, Braun, and Bridge
 - Decimates
 - Tweak
 - Devil's Tower, e.g.
- Down**
- Uri Geller, e.g.
 - Gardner's first name
 - Mortgage
 - Apostrophized
 - That woman
 - Daisy-like flower
 - "____ Black and de Sebben Dwarves"
 - Do a wrong thing
 - Barbers, now
 - Wood smoother
 - God
 - Ship type in Wing Commander II
 - Rocks or shoes, e.g.
 - Cool
 - Money in the pot
 - Not ne'er
 - Bristles
 - Lucifer
 - What Pyramus and Thisbe did
 - Ohio or Mississippi, e.g.
 - "Unforgettable" and "Somewhere Out There"
 - Airport abbreviated to ORD
 - Wish for
 - Frolic
 - Laser ____, old Activision game
 - Triominos maker
 - Baled
 - Binge
 - Babylonian god
 - Stylish
 - Hindu robe
 - What I did with my canvas bag
 - Wheel irregularities
 - Forget
 - Landscape feature
 - Loyal
 - Quiet one?
 - Own
 - Danny in *Throw Momma from the Train*
 - Stone or Ice, e.g.
 - Type of mode

Games & Puzzles

by Wei-Hwa Huang

It's Elementary!

Here's a quick puzzle. What are the atomic numbers of the elements BREVIVM, AUSONIUM, ESPERIUM, EKAWOLFRAM, HYPON, KURCHATOVIVM, and SAPTATRINGSHTALWRENCIVM? And what are they called in the standard nomenclature?

Send your solutions to gp@tech. The submission with the most correct answers received by 8:00 pm on Wednesday will receive a \$10 check. Remember to give your postal address with your submission!

Contest Results

Here are the answers:

- | | |
|--------------------|-------------------|
| 1. Maryland | 26. Virginia |
| 2. New Jersey | 27. New York |
| 3. Arkansas | 28. Maine |
| 4. West Virginia | 29. Wyoming |
| 5. Utah | 30. Florida |
| 6. Alabama | 31. Mississippi |
| 7. Indiana | 32. South Dakota |
| 8. Nebraska | 33. North Dakota |
| 9. Missouri | 34. Hawaii |
| 10. North Carolina | 35. Montana |
| 11. Delaware | 36. Texas |
| 12. Iowa | 37. Nevada |
| 13. New Mexico | 38. Vermont |
| 14. South Carolina | 39. Rhode Island |
| 15. Ohio | 40. Oklahoma |
| 16. Georgia | 41. New Hampshire |
| 17. Alaska | 42. Connecticut |
| 18. Kansas | 43. Kentucky |
| 19. Tennessee | 44. Illinois |
| 20. California | 45. Wisconsin |
| 21. Idaho | 46. Louisiana |
| 22. Pennsylvania | 47. Minnesota |
| 23. Arizona | 48. Washington |
| 24. Michigan | 49. Massachusetts |
| 25. Colorado | 50. Oregon |

What was the trap? How many of you thought that Washington was "the Everglade State"? True, it *is* "the Evergreen state," but we were looking for Florida. Check your Funk & Wagnalls. The winner is Advokit Stude, who fell into the trap but came out first with 11 correct states.

- Amsterdam
- Atlanta
- Barcelona
- Berlin
- Bogota
- Bombay
- Boston
- Brussels
- Buenos Aires
- Caracas
- Chicago
- Cleveland
- Cologne
- Copenhagen
- Dallas
- Dublin
- Düsseldorf
- Eurocenter
- Frankfurt
- Geneva
- Gothenburg
- Hamburg
- Helsinki
- Hong Kong
- Houston
- Lisbon
- London
- Los Angeles
- Madrid
- Melbourne
- México City
- Milan
- Minneapolis
- Monterrey
- Montréal
- Munich
- New Delhi
- New Jersey
- New York
- Osaka
- Oslo
- Paris
- Pittsburgh
- Prague
- Rome
- San Francisco
- San Jose
- São Paulo
- Seoul
- Shanghai
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- Zurich

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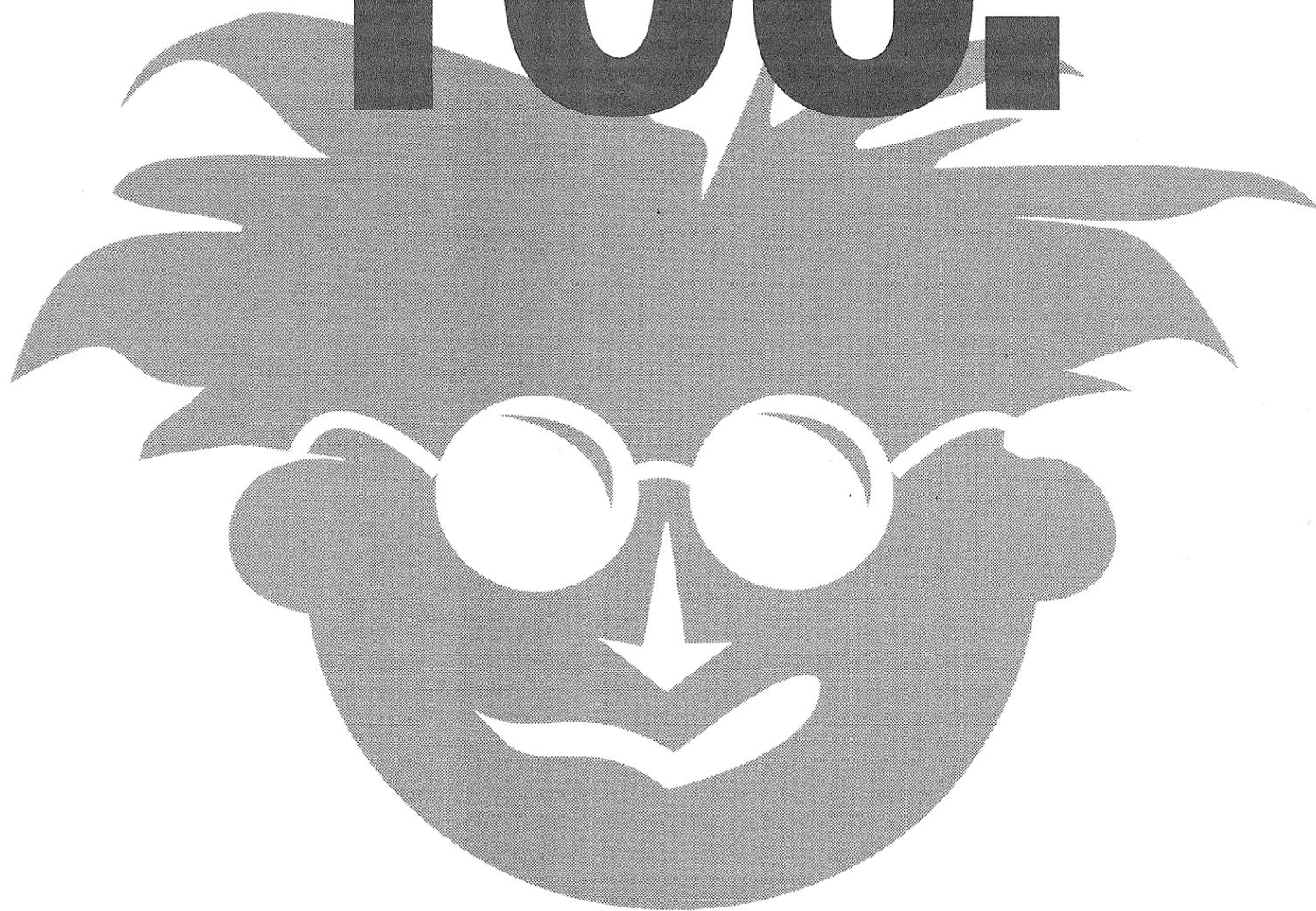
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SPORTS

Caltech Vollyball: Success at Mount San Antonio

by Richard Chin

Last Tuesday, the Caltech Men's Volleyball Club opened its intercollegiate season with a match at Pomona-Pitzer. Knowing the strength of the Pomona team and its having placed well at club nationals, Caltech realized that it was in for a battle.

With strong setting by Chad Edwards, Caltech was able to take the first set, 15-13. The height of the starting lineup, ranging from a short 6' to Ken Wiberg's intimidating 6'7", definitely helped in establishing the blocking that stymied the Pomona offense. Swing hitter Andreas Masuhr also made his presence known as he used both power and finesse to begin accumulating his team-high 14 kills.

The second set proved to be a cause of anxiety for the Caltech team as Edwards rolled his ankle midway through the game. Even with Dave

Perkel setting in his place, Caltech was unable to recover its momentum and lost, 11-15. Pomona continued to roll in the third. With its rock-solid defense and continued ability to blast away at the net, it took the set, 15-4. Fortunately for the Caltech team, Edwards felt good enough to return as the set drew to a close. Caltech was able to rally in the fourth, and proved its grit and determination as it came back to win the set, 15-12.

The final set started with a bit of confusion due to a lineup error, causing tempers, shortened by the tension of the match, to flare. As play commenced, the teams were neck-and-neck, trading kill for kill, block for block. However, Pomona was able to find its groove toward the end of the set and pulled ahead to win, 15-11. All in all, the match lasted well over 2 hours.

The team then traveled to Mount San Antonio Junior College

on Friday, the 3rd. Though plagued at times by inconsistency in play, the team was able to roll over its opposition, taking the match in straight sets: 15-6, 15-9, 15-12. Setting was shared by Dave Perkel, who set the first and third games, and Rich Chin, who doubled as a back-row specialist. Swing hitters included Paul Barriga, who also had a stint as middle hitter, Aaron Kiely, Andreas Masuhr, and Brendan McKenney. Mark Lonergan continued his domination at the position of opposite hitter, and Daniel Chang, Stuart Demcak, and Ken Wiberg shared middle hitting responsibilities. The kill of the night went to Andreas Masuhr, who planted the ball with such authority that the opposing fans cheered.

The team's next match is against PCC this Friday, February 10th. The match will start at 7:30pm in Brown Gymnasium, and all are invited to attend.

Tech Takes Pomona

by Adil Karim

The Caltech varsity baseball team swept a doubleheader from the Pomona-Pitzer J.V. last Saturday. The Beavers won the first game of the twinbill 15-11 and came from behind to down the Junior Sagehens 8-7 in the nightcap. In the first game, the Beaver offense was sparked by Jason Kuan, Rob Tryon, and Adil Karim. Kuan and Tryon reached base three times and drove in a run each and Karim brought home five runs on two hits. Anthony Gonzalez, Brian Cooper, and Jon Wesselmann also contributed runs batted in. Cooper held Pomona-Pitzer in check while scattering ten hits and notching eight strikeouts.

In the second game, Wesselmann earned the complete game win, giving up only seven hits, as the Beavers staged a come from behind effort. Center fielder Kuan led the way of-

fensively with three hits and three runs scored. Gonzalez drove in three runs and Wesselmann collected a rare triple among his three hits. Ghene Faulcon tallied two hits while his heads up defense and base running helped secure the Beaver victory.

The Caltech squad will open conference play this weekend against the Occidental Tigers. Bolstered by an influx of freshman talent, including Rob Tryon, Jon Allen, Jason Barnes, Alex Huang, Tony Tran, Michael Shumway, and Derek Farmer, along with newcomers Jason Kuan and Mike Debar, this year's team will feature a steady defense and opportunistic offense. Veterans Brian Cooper, Jon Wesselmann, Anthony Gonzalez, Adil Karim, Geoff Smith, Roopesh Doshi, Ghene Faulcon and Marco Santos will provide leadership as this young Beaver team seeks to establish itself during conference play.

Of Brains and Braun: Caltech Superhumans

by Angie Marie Bealko

Well as we all know, jocks are dumb as rocks, right? Maybe at some other schools, but not at Caltech! Recent statistics show that your athletic classmates are not only in better physical shape than you, but also have a higher average GPA than you. Caltech Athletic Director Dan Bridges made a study of the intercollegiate athletes' cumulative GPAs for first term of this academic year (in order to determine eligibility) and compared his findings to a randomly selected samples of non-intercollegiate athletes at Caltech. Check out the hard core facts and figures for yourself.

Number of Units Attempted	IC Athletes	First Term GPA
IC Athletes	43.8	3.25
All UGs	42.8	3.21

Considering the fact that most fall athletes dedicate at least 15 hours each week to their respective sports, these numbers are remarkable. A study of the entire 1993-94 school year supports the same trend.

	IC Athletes	Non-IC Athletes
Sample Size	174	200
Avg Units Attempted	45.4	44.2
Avg Cum GPA	3.30	3.21
% w/ 3.5+ GPA	35.9	38.8
% w/ 3.0+ GPA	72.4	68.4
% w/ 2.5+ GPA	92.9	88.8

	From 1984-1988	IC Athletes	Non-IC Athletes
Sample Size	359	805	
Obtaining Degree	88	83	
% Obtaining Degree in 4 yrs of 1st enrollment	71	66	
% Obtaining Degree in 5 yrs of 1st enrollment	85	76	

The point of this article is not to say that the Intercollegiate Athletes are better than the rest of the community. The point is merely to praise these Student Athletes for their hard work and dedication. They are a living example of how it is possible to finish your 95 homework and spend two or more hours a day sweating and playing your heart out. For those of you who do not pay them their due respects please do so. And please do consider coming out for a team. Everyone is welcome, and the coaches and staff are more than excited to have you. Perhaps you have more time to raise your GPA than you thought you did.

Men's VBall

Fri. 2/10	7:30pm	
Pasadena City College	Home	
Fri. 2/17	7:30pm	
Claremont McKenna	Home	
Sat. 2/25	TBA	
Pomona Pitzer	I. Tournament	
Sat. 3/4	TBA	
Mt San Antonio	Home	
Tue. 3/7	TBA	
Claremont McKenna	Away	
Fri. 3/10	7:30pm	
Cal Poly Pomona	Home	
Fri. 3/24	7:30pm	
Pomona Pitzer	Home	
Fri. 3/31	7:30pm	
USC	Home	
Fri. 4/7	TBA	
Pasadena City College	Away	
Tue. 4/11	TBA	
La Sierra	Away	
Fri. 4/14	TBA	
Cal Poly Pomona	Away	

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Cal Tech Career Day
Thursday, February 16
Winnett Lounge
11 am to 3 pm

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CONSPIRACY

FROM PAGE 4

noticed that they are slowly weeding out all of their cultural diversity. They got rid of the black guy and the Asian girl in their big shake-up. The sum total of their cultural diversity is now the one black girl. It's very possible that this is evidence that the Klan is staging a hostile takeover of the Rangers. Still, there is no reason to be alarmed.

sKURV radio: Scurve what?

The flawed Intel Pentium chip: We haven't finished analyzing all the data, but we know Woody Allen is involved somehow.

Microsoft: See "The French"

Doom: See "The movie Sneakers"

Jon "Caribou"

McDunn ASCIT (Senior Vice-) President extraordinaire: Re-elected. See what friends in high places can get you? Probably a substantial contribution from the International Society for Incredibly Long Official Titles.

A Social Commentary: Clearly the work of Satan.

Kreative Korner

Indicate

by Shameel Arafin

And if I say I want to sleep
I call on you to help me keep
My clear head and alacrity
I call on you for sanctity.
The next day when we must perform
Our dance and song in uniform
I call on you to help me stay
Carefree and careful all the way.

I call on you for easy breath
I call on you to postpone death
I call on you to tincture dreams
I call on you to free my screams.
I call on you to polish sight
I call on you to see through might
I call on you to enhance taste
I call on you to save the chaste.

Mark the fly green dried divide
Allow me to take your side
Revenge for shattered dreams of cure
Is not what they will endure.
Jousting never was our pleasure
Useless, since we hold the treasure
Any liberty withheld from us
Naturally festers carbuncle pus
And we will cure them, cancerous.

—24th October 1994

Caltech Career Day 1995

Need to find a summer job? Looking for full time employment after graduation? Then you don't want to miss Caltech Career Day next Thursday, February 16. The Open House begins at 11:00 a.m. till 3:00 p.m. and is held in Winnett Lounge. Career Day is specifically geared toward Frosh through grad students but is open to all members of the Caltech community. This year there will be representatives, many of whom are alumni, from 40 organizations. Attending this fair is an efficient way to find out where open positions exist, learn more about the companies, as well as to get yourself in front of more employers in less time than through normal job search methods.

Here are some preparation tips to help you get the best results:

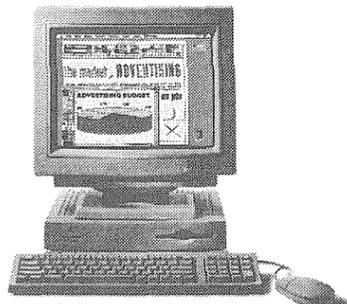
- Prepare a folder of resumes and bring them with you to hand out to employers.
- Prepare and practice a 30 - second commercial on yourself to open conversation with the representatives:
 1. Hi, _____
 2. My name is _____
 3. I am a _____
 4. My background is in _____
 5. I am seeking _____
- Plan to ask a few general questions to the representatives:
 - Tell me about position(s) you are looking to fill.
 - Why is there a need in this area? (What is going on in the company right now?)
 - Do you have a job description for me to take?
 - May I have literature on your company?
 - How are you handling the screening process?
 - May I have your business card?

When you approach Winnett you will see rows of tables with representatives stationed at each booth. Here's how to stand out from other applicants:

- Talk with companies which you know you would like to work with as well as those you do not know much about. Try to approach as many companies as you can and become educated while passing out resumes.
- State your 30-second commercial when you approach the company representative, then hand him or her your resume.
- Even if the company is not looking for someone with your qualifications, make contact with the recruiter. One day the company may have a need, so begin to build a business relationship now.
- Be a good observer. Watch the activity at company booths. What is your impression of the professionalism of the staff? of the company? What insights into the company culture can you gather from your observations?
- Take notes so that you will remember your impressions and your conversations.
- Have fun, but keep a professional atmosphere about yourself.

If you have any questions, contact the Career Development Center at ext. 6361. They're here to help. Good luck!

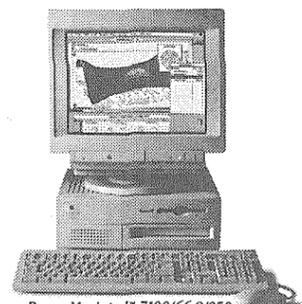
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JAZZ

FROM PAGE 1

light coated the stage for "Everybody's Everything," by Tyrone Moss and Milton Brown, to which there was over a minute of wide applause at its conclusion. Next, a pale white light was shown down for "Brushes, Anyone?" by Mike Carubia. Before the finale for the first act, Bissonette spoke to the audience. Originally from the Detroit area, he went to Texas, where he played with William Bing. Gregg went on to give a short talk on music education and the problems with the arts in American schools, as well as how Jazz is an original American art form, recognized around the world as distinctly American.

The finale for the first "act" was "Chickenyard Social," by Les Hooper. By this point in the evening the audience was ninety percent full, and the clapping after this piece drowned out the

Director's comments.

After the intermission and changing of the bands from the Monday Jazz Band to the Thursday Jazz band, the second part of the evening commenced. The introduction, "Sunny Side of the Street," by D. Fields and J. McHugh, was a fairly bland and average piece, although it did improve near the finish and the clapping again overpowered the director. The second piece had a very nice solo by Mike Pahre on Bass Trombone, who kept interest up

for "A Nightingale Sang in Berkeley Square," by Manning Sherwin. The piece was more and more enjoyable as it continued. Before continuing into "Humbug," by Don Sebesky, Rustan Leino, a saxophone player in Computer Science that "just became an alumnus," gave a short talk to the audience. He put across a nice impression, and was given several "Going-away" gifts. "Humbug" was a nice and cheery piece, a touch loud, but quite entertaining. Several reminders were offered by the Director at

how the \$10 CD and \$6 audio cassette of *Exothermic Jazz* were available at any point in the performance. Gregg Bissonette again came on-stage for "Coconut Champagne" and entertained the crowd with both his short and friendly anecdotes and his talent for the drum. There was wide applause for this well performed and enjoyable piece.

Finally, a "surprise" piece for the evening was played. It was "Someday My Prince Will Come," an adaptation of the song from

Snow White and the Seven Dwarves. As soon as that finished, the finale of "Centurian Starfire" by Joe Curiale was performed. A spotlight was shown on Gregg for his long solo, which may have dragged on a bit, but the crowds loved it. The entire Jazz band brought the piece and the evening to a very nice conclusion.

At its conclusion, this reporter, who normally never applauds, clapped a few times. Overall, it was a very enjoyable performance and well worth the trip.

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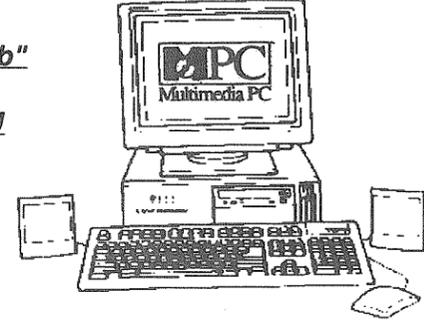
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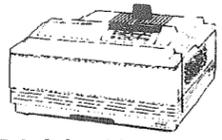
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Notices

If you are a newly elected BOD member please contact Samantha Foster at x1069 or at sanf@cco to arrange a time to get your picture taken for *The California Tech*.

The Peace Corps will be visiting Caltech on Career Day, February 16th from 11 a.m. to 3 p.m. to inform students about programs available through the Peace Corps in over ninety different countries throughout the world. They invite all students to come visit their booth so students may discover how their innovation, diligence and zeal can be applied to further the efforts of the Peace Corp worldwide.

The Totem is now accepting submissions! All undergraduates, graduates, and faculty are welcome to submit poems, short stories, essays, photos, art, music, or any original compositions. *The Totem* is also looking for a creative cover design for this year's volume. Designs should be drawn in ink and be 8 1/2" x 11". Please limit designs to two colors. The winner will receive \$25 and a free, autographed copy of *The Totem!* The deadline for both talent searches is April 14th. Send all submissions either by e-mail (totem@tech.caltech.edu), mail (MSC 990), or by foot (Page room 132).

Sharyn Slavin, Assistant Vice President for Student Affairs, and Stan Borodinsky, Student Affairs Administrator, invite you to stop by the Coffeehouse on Friday afternoons from 2 to 4 p.m. to talk with them. All students are welcome, and free drinks will be available. Please drop by and get to know Sharyn and Stan. They will be happy to answer questions or provide assistance.

The AIDS Service Center presents "Just Say Know," a free educational support group that will explore different topics related to HIV and AIDS. "Just Say Know" will meet every Tuesday from 6:30 to 8:30 p.m. through March 21st at the AIDS Service Center, 126 West Del Mar Boulevard, Pasadena. To participate, call Tom Drake at (818) 398-4553.

The Caltech Muslim Student Association will hold Muslim Friday Prayers weekly in the Y-lounge at 12:15 p.m.

"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.

There are Caltech Y ExComm meetings every Monday at noon in the Y lounge upstairs in Winnette Center. You can observe, ask questions, or request funding. The Y encourages all members of the community to come!

From the Counseling Center

The counseling center will be offering a group for undergraduate students who are interested in developing skills that will help them overcome their shyness. The group will meet for four more consecutive Wednesdays, from 3:00-4:30 p.m. The focus of the group will be (1) understanding your shyness and the underlying thoughts and beliefs that serve to maintain shyness, (2) developing skills to manage your anxiety and to help you become more effective socially, and (3) increasing your confidence and level of comfort by joining others who can identify with and support your experience.

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

The South African capella ensemble *Ladysmith Black Mambazo* will be performing in the Beckman Auditorium at 8:00 p.m. on Saturday February 11th. Ticket prices will range from \$25.00 to \$31.00. \$8.00 for students beginning a half hour before the performance.

On Saturday, February 11th at 7:30 p.m., the Castle Shakespeare Company will be holding a dramatized reading of *Romeo and Juliet* at the Old Town Pasadena Barnes and Nobles. A non-profit professional theater company based in Pasadena, the Castle Shakespeare Company also offers a unique Valentine's Day service: "a costumed professional actor will surprise your love with a recitation of a Shakespearean sonnet, and then present one perfect rose and a beautiful printed scroll of the sonnet." For more information, or to be added to their mailing list, please call 564-8564.

Pianist-Composer Vatché Mankerian will perform works by Bach, Beethoven, Debussy, Babajanian, and Mankerian on Sunday, February 12th, at 3:00 p.m. in Harbeson Hall, Pasadena City College. General admission is \$20, students \$10. For ticket information, please call 794-2141.

The Caltech Film Program presents *Putney Swope*, a sixties satire centering on Black Power coming to Madison Avenue, Monday, February 13th at 7:30 p.m. in Baxter Lecture Hall. The showing is free and open to the Caltech

Events and Notices

denotes a new announcement.

community and Professor Robert Rosenstone will lead a discussion following the film.

The Caltech-Occidental Concert Band will hold a free concert on February 16th at 8 p.m. at Thorne Hall, Occidental College. Hosting guest tenor Robin Reed, the program will include a new composition which depicts the Salem Witch Trials by D. Mark McCoy, as well as music by Camille Saint-Saens, Richard Strauss, and Giuseppe Verdi.

The Chinese Golden Dragon Acrobats will present gymnastics, magic, slapstick comedy and Chinese Dance on February 18th at 8 p.m. in the Beckman Auditorium. Admission will range from \$19.00 to \$25.00 for adults, \$8.00 for student tickets sales beginning one half hour before the performance.

The Lark Quartet will perform in the Beckman Auditorium on February 19th at 3:30 p.m.. The program for this Coleman Chamber Concert includes Daydn's Quartet in E-flat Major, Op. 33, No. 2; Schnittke's Quartet No. 3; and Beethoven's Quartet in F Major, Op. 135. Admission prices range for \$12.00 to \$22.50, with a \$4.00 students discount.

The Arditti String Quartet will give a Coleman Chamber Music Concert on Sunday, March 5th at 3:30 p.m. in the Beckman Auditorium. Included in the program will be Dutilleul's Ains La Nuit; Gubaidulina's Quartet No. 3; Nancarrow's Quartet No. 3; and Berg's Lyric Suite. Fifty tickets to this concert will be available to Caltech students with identification. (limit two tickets per I.D.), available from the Caltech Ticket Office north of the Beckman. Tickets are regularly priced from \$12.00 to \$22.50.

Talks, Lectures, and Seminars

On February 10th in the Beckman Auditorium at 8 p.m., Sherylly Mentis will personally narrate the an Archaic Adventure travel film entitled "The New South Africa." Admission will be from \$6.50 to \$8.00.

SPECTRE, the Caltech Science Fiction Club, has invited Dr. David Brin, famous science fiction author, astrophysicist, and Caltech alum, to present a lecture to the club, on the topic "Paranoia as a useful tool to predict the future." There will be an extensive free question and answer period after the talk. The lecture will take place this February 14th at 8 p.m. in Sturdivant Lecture Hall, 147 Noyes. Refreshments will be served. The event will be open to all public. For more information on this event, please send e-mail to spectre@cco, or call (818) 577-5384.

Dr. James Bower will be giving a lecture entitled "Scientists and Science Education Reform: Myths, Methods and Madness" on February 15th at 8 p.m. in the Beckman Auditorium. This Ernest C. Watson Lecture is free and open to all of the Caltech community.

There will be a Science, Ethics, and Public Policy Lecture given by Gregg Zachary, Staff Writer on *The Wall Street Journal*, entitled "Yankee Bush: Architect and Victim of the Postwar Scientific Order" on March 2nd at 4:00 p.m. in the Judy Lounge.

Club Announcements

The Caltech ANIME Society will be showing *Future Boy Conan* and *Maison Ikkoku* (from the author of *Ranma*) at 7:00 p.m. Friday, February 10th, in 23 SAC and *Blue Seed* and *Parlabor* (Police with Mechs) Saturday, February 11th, at 7:00 p.m. in Winnett Club room 1.

The Dark Room User's Group (DRUG) will be holding a free black and white film developing class on Saturday, February 11th in the Darkroom (Room 39 in the Student Activities Center, under the South Undergraduate Houses) at 2 p.m. Both current and prospective members are welcome to come. Contact Tim Shoppa (x4327, shoppa@altair.krl.caltech.edu) or Alex Zeyliger (sasha@cco.caltech.edu) for more information.

The Caltech Ballroom Dancing Club offers free beginning ballroom dance classes available to all. These are perfect classes for people who have never danced before or for people who want some basic step help. People are welcome to join the classes anytime and it is not necessary to have a partner for any of the classes. Please note, however, that the beginning ballroom dancing class has been moved to Thursday nights in Dabney for the dates of February 16th and 23rd, though classes will resume on Monday nights in Winnett as of the 27th of February. In the larger room the group will learn the waltz, Viennese waltz, and polka. For more information, contact Jeanne Hardebeck at jhb@esimo.gps.caltech.edu, x6971, or MC 252-21.

The Caltech Folk Music Society are looking for more volunteers to help with mailing and publicizing their concerts, learning how to engineer the sound system, setting up before and tearing down after the concerts in exchange for free admission and a great opportunity to schmooze with guitarists, songwriters, and bluegrass musicians. If you are interested in giving a few hours a month, or would like to receive announcements for each concert, give Rex a call at 791-4583.

The Ballroom Dancing Club meets this Friday from 7:00 to 9:00 p.m. in Winnett lounge for a dance break. This dance practice is open to beginners, intermediate and advanced dancers who want to practice dancing or socialize and watch others dance. For more information, contact Jeanne Hardebeck at jhb@esimo.gps.caltech.edu, x6971, or MC 252-21.

Internships and Competitions

The Students For An Energy-Efficient Environment is announcing its first national internship program. SEEE is currently recruiting Student Government Leaders, Environmental Leaders, and other ambitious, motivated, and outstanding students from across the nation to join their internship program. Twenty students will receive a \$1000 stipend and a trip to Washington, DC, from March 17th to 19th, to learn about energy-efficient technologies and then work on campus to make them a reality. Open to Freshmen, Sophomores, and Juniors, all applications must be received by February 22nd. Please come to the Deans' Office at 102 Parsons-Gates for an application. If you have any questions about the internship or SEEE, call 617/493-6271 or e-mail at fine@husc.harvard.edu.

RAND will be sponsoring interns in engineering, applied sciences, and physics in its 1995 Graduate Student Intern Program this year. They are soliciting applications from students who have completed two or three years of graduate study towards a Ph.D. and who are interested in applying their skills to the analysis of public policy problems. The program is intended to introduce outstanding graduate students to RAND in a way that permits them to produce and publish as part of the ongoing RAND research program. Each summer intern is assigned a distinct research task that can be completed during the two-and-a-half to three months he or she is at RAND. In some cases the work may be related to an ongoing dissertation topic or used to provide the foundation for future research. Interested graduate students should send resumes, cover letters, and names, addresses, and telephone numbers of three references by February 15th to: Dr. Glenn A. Goz, Director Graduate Student Intern Program, RAND, 1700 Main Street, P.O. Box 2138, Santa Monica, CA, 90407-2138.

The Deans' Office is accepting proposals for the Monticello Foundation Internship. Three 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 \$3,600 stipend. Applicants are required to identify the projects in which they wish to participate. All arrangements with the principal researcher will be the responsibility of the student. If you are interested, simply identify a sponsor for your experience at a research facility for a ten-week period. In a short essay, describe your project, and submit it to the Deans' Office, 102 Parsons-Gates, along with two faculty recommendations. Proposals are due by March 3rd.

Completely exhausted of the long hours of constant droning by your math and physics profs? Internships for a culturally diverse group of undergraduate students interested in exploring careers in art museums and related areas of the visual arts and the humanities will be offered this summer by the J. Paul Getty Trust. Students of all cultural backgrounds and academic disciplines are encouraged to apply for this ten-week internship opportunity. Applicants must be currently enrolled in a accredited four year college. They must have completed at least two semesters of college at the time of the application. In keeping with the focus of the program, students in the Los Angeles metropolitan area and Los Angeles residents attending school elsewhere will be given priority. The internships are full-time, beginning June 19th and ending August 25th, 1995, and include a stipend of \$3,000. Individuals will be assigned to one department and will work with a mentor on specific projects. All applications materials must be postmarked by February 27th; notifications will be made by May 1st. To receive an application form, please contact Getty Undergraduate Internships for Diversity in the Arts and Humanities, Department of Education and Academic Affairs, The J.P. Getty Museum, P.O. Box 2112, Santa Monica, CA, 90 407-2112, or call (310) 451-6545.

The Indiana University Center on Philanthropy is seeking student applicant for its Jane Addams Fellowships in Philanthropy program. The fellowship program awards each fellow \$15,000 for the year and 12 credits toward a graduating degree. Created in the spirit of Jane Addams, the program encourages aspiring young leaders to work for the common good while studying and investigating the roles of philanthropy. In addition to guided study, students will select an internship with a nonprofit organization in the Indianapolis community. Applicants must show a demonstrated leadership potential, special interest in some aspect of community service, and academic stability. Qualified candidates will be recent graduates with a bachelor's degree, including seniors anticipating graduation; the program is not intended for students who are already committed to a program of graduate study. Interested persons should contact the Indianapolis University Center on Philanthropy, 550 West North Street, Suite 301, Indianapolis, IN 46202, or call (317) 274-4200.

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%oklou@corwin.harvard.edu

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.

Jewish Family and Children's Services announces the continued availability of financial support for Jewish individuals and their families. There are loans, grants and scholarships available, and students may qualify for up to \$5,000 in aid. The Financial Aid Office has a flyer and questionnaire that you can use to apply, or you can call (415) 561-1226. There are no deadlines and students may apply throughout the year.

The American Society of Naval Engineers is sponsoring a scholarship program with awards of \$2,000 each for the 1995-96 academic year. Eligible students must be U.S. Citizens, graduate or undergraduate students (undergraduates must be in their final year of study), majoring in engineering, and who demonstrate a genuine interest in a career in naval engineering. Demonstrated financial need is not a requirement but may be taken into consideration. Applications are available from the Financial Aid Office, and are due February 15, 1995.

The American Meteorological Society announces the 1995-1996 AMS/Industry Undergraduate Scholarship competition. Full-time students who will be juniors in 1995-96 and who are: 1. Pursuing a course of study leading to a B.A. in the atmospheric or related oceanic or hydrologic sciences; or 2. Enrolled in a program leading to a B.A. in science or engineering who have demonstrated a clear intent to pursue a career in the atmospheric or related oceanic or hydrologic science following the completion of appropriate specialized graduate level education are eligible to apply. Applicants must also have a minimum 3.0 GPA, and must be U.S. Citizens or permanent residents. The awards are \$2,000 for 1995-96, and are renewable for the following year (the senior year). To request an application, mail a self-addressed, stamped envelope to: American Meteorological Society, Attention: AMS/Industry Undergraduate Scholarship Program, 45 Beacon Street, Boston, MA 02108-3693. Applications are due February 17, 1995.

The American Chemical Society is pleased to announce a Minority Scholarship Program to African-American, Native American, and Hispanic students. Eligible students must be currently freshmen, sophomores, or juniors who are enrolled in chemistry, biochemistry, or chemical engineering programs. Scholarships of up to \$2,500 a year will be given for the sophomore year; students who will be juniors and seniors in 1995-96 will receive up to \$5,000. Interest in chemistry, biochemistry, or chemical engineering, demonstrated potential for success, and financial need will be considered in evaluating the applicants. Additionally, eligible students must be U.S. Citizens or permanent residents, and must have a minimum GPA of 3.0. To obtain an application, or more information, phone 1-800-227-5558 (then press 9, press 3, press 5). Applications are due March 1, 1995.

The Society of Manufacturing Engineers announces the availability of 41 scholarships for undergraduates, and 10 graduate fellowships. All of the undergraduate scholarships require applicants to be full-time, second year students with a minimum G.P.A. of 3.5. Forty of the scholarships are being offered to students who are enrolled in a degree program in manufacturing engineering or manufacturing engineering technology. One scholarship is available to a full-

time student seeking a career in robotics/automated systems. The graduate fellowship is offered to a student in a graduate program for manufacturing engineering or manufacturing technology. Applicants for the graduate fellowship must have a minimum 3.5 G.P.A. and must have proven scholastic ability, exemplary character, and leadership capability and who have demonstrated their potential for future leadership in the profession. Completed applications are due March 1, 1995.

The Marin Education Fund is offering grants to Marin County Residents who are undergraduates enrolled at least half time. Specific criteria for grants and scholarships vary. Applications are available from the Marin Education Fund, 1010 B Street, Suite 300, San Rafael, CA 94901, (415) 459-4240. Applications must be postmarked by March 2, 1995.

Green Hills Software annually awards several merit scholarships in the amounts of \$2,500 and \$5,000 to Caltech undergraduates who have demonstrated ability and special aptitude in computer science. Those awards are for the Junior and Senior school years. In addition, Green Hills will award one or two Undergraduate Fellowships consisting of a Senior year scholarship plus a \$6,000 summer internship for the preceding summer. All awards are merit awards, given without regard to financial need. Any student currently holding a Junior year award must reapply in order to be considered for a Senior year award. The deadline for submitting the Green Hills Scholarship application to the Financial Aid Office is March 10, 1995. Applications are available at the Financial Aid Office, 515 S. Wilson, and the Dean's Office, 102-31.

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 Association of University Women, Danville-Alamo Branch, will be awarding several scholarships of \$500-\$1,000 to female students who will be juniors or seniors in the 1995-96 academic year, and who are from the San Ramon Valley (Danville, Alamo, San Ramon, or Diablo, CA). For more information or an application packet, send your request with a \$ 52 stamped, self-addressed large envelope (minimum 9" x 6") to: Janet Lather, 703 Contada Circle, Danville, CA 94526. Completed applications must be postmarked by March 31, 1995.

The Sunkyong Group of Korea presents its Third Annual Essay Contest for undergraduate and graduate students in the areas of business, government/law, science, and journalism. There will be four \$500 awards, four \$1,000 awards, and four \$2,500 awards. The \$2,500 award winners will also receive a one-week trip to Korea. Past winners of the essay contest are not eligible to compete. Guidelines for the essay contest are available at the Financial Aid Office. All contest entries must be postmarked no later than April 7, 1995.

If you enjoy teaching and kids/teens in the K through high school range you might enjoy doing a Teaching Fellowship after graduation. Science and math teachers are usually in high demand, and many Caltech students have teaching or tutoring experience. A teaching fellowship can be a wonderful interim year and a great way to experience a different part of the United States. Some independent schools are residential and others are day schools. I have recently acquired a list of current teaching fellowship opportunities at independent schools. Typically fellows receive a stipend (approximately \$15,000 to 17,000 at a boarding school plus room and board). At a day school the fellowship will have a slightly higher stipend. If you would like a copy of this list, more information on these fellowships, or help applying email Lauren Stolper at Lauren_Stolper@starbase1.caltech.edu. Deadlines vary and can be as early as February or as late as June, so start exploring this fellowship now.

Attention undergraduates interested in the application of technology, innovation, or entrepreneurship: Spend next fall as a Lemelson Fellow at Hampshire College in Massachusetts. As a Lemelson Fellow you are part of a group of fellows from across the country. Each fellow participates in a special fellowship course that focuses on solving real-world problems using innovative ideas and technology. Fellows also choose courses at Hampshire and the other schools in the Five College Consortium (Amherst, Smith, Mt. Holyoke, Hampshire and U. Mass Amherst). This fellowship honors Jerome Lemelson who holds more patents than any other living American and the third largest number in American History. Lemelson, now 70, spent the majority of his career as a successful, independent inventor. Full-tuition and fees are paid for Fall 1995; The application deadline is March 15th, 1995. Email Lauren Stolper at Lauren_Stolper@starbase1.caltech.edu for applications.

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