

HOW MVCH
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The California Tech

IF PETER
PIPER PICKED
A PECK OF
PICKLED
PEPPERS?

Volume XCVI, Number 8

Pasadena, California

Friday, November 11, 1994

Caltech Student Places Sixth at International Tournament

by Wei-Hwa Huang

The Third Annual World Puzzle Championship was held in Cologne, Germany from October 30 through November 7. Thirteen teams from as far away as Japan, Poland, Finland, and Croatia joined in the competition of (supposedly) language- and culture-neutral puzzles in the unique contest sponsored in part by the German publishing company Bastei-Verlag.

Each team consisted of four members. The U.S. team, sponsored by Times Books and Lufthansa German Airlines, included Larry Baum, 42, a computer scientist from Bellevue, Wisconsin; Wei-Hwa Huang, 18, a sophomore at Caltech (the press release this paper received said "Wei-Hua Huang, a college freshman at Cal Tech"); Dan Johnson, 29, a software designer from Terre Haute, Indiana; and Ron Osher, 34, a multimedia vendor in Stamford, Connecticut. Accompanying the team were team captain Will Shortz, crossword editor of the *New York Times* and Puzzlemaster on National Public Radio's *Weekend Edition*; Helene Hovanec, chairperson of the judging committee; and Stanley Newman, Managing Director of puzzles and games for Times Books.

This year, the U.S. team placed second out of the 13 countries for the second year in a row, having lost to the Czech team by approximately 100 points out of a potential of around 5000. In the individual results, Osher placed first among the 52 contestants with an impressive lead of over 200 points over the next entrant. Second in the team was Huang, in sixth place, one of the youngest participants in the event.

The four-day event mainly consisted of a three day boat cruise that left ample time for sightseeing and puzzle-taking. The first puzzle came at the welcoming party, where the puzzlists had to identify as many anthems as they could from the thirteen visiting teams. The U.S. team claimed the most disadvantage here, as *The Star-Spangled Banner* seemed to be the most internationally recognized tune.

The individual competitions



Th: U.S. visitors in front of Marksburg Castle, Germany. Pictured left to right: Wei-Hwa Huang, Dan Johnson, Larry Baum, Will Shortz, Helene Hovanec, Ron Osher, Stanley Newman.

were spread out over the second and third day. Additionally, on the second day, a sightseeing tour was arranged to Marksburg Castle near Braubach, Germany's most impregnable castle. Inside the castle were more puzzles of an acrostic variety that required the team members to identify famous people, airline logos, and the like. On the third day, the ship passed the beautiful Loreley, where it was once rumored that sirens led ships to their dooms. In the misty morning, the puzzlists on deck were greeted by a shower of fireworks from the mountaintop that lasted for minutes. Little did they know that the second problem in the next competition would be "How many rockets, bombs, and bursts do you think were used in the fireworks at Loreley?" It is rumored that no one on the U.S. team answered this multiple-choice question correctly.

Other parts of the individual competition included anagrams of previous Olympic sites, logical deduction puzzles, a word-search filled with artists and their works, observation puzzles, numerous crosswords, some of which were based on a guide book to Cologne that the sponsors

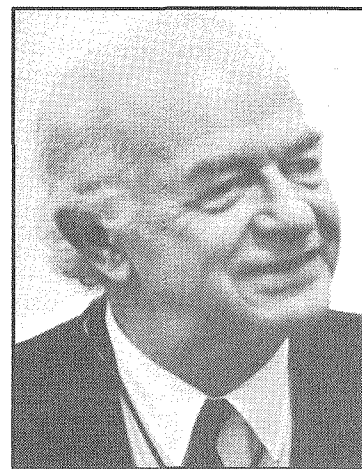
had craftily given to the contestants beforehand. Although it was generally agreed upon that the contest problems were biased (for example, a knowledge of French actors and famous racecar drivers would have helped), all of the contestants still had lots of fun during the com-

petition despite the language barrier. (A Japanese team member had come up with RILLEHAMMEL instead of LILLEHAMMER for the 1994 Olympics in the anagram puzzle. It is not known whether he received credit.)

A "Captain's Challenge," planned to have been given to the team captains as a surprise puzzle, ended up placed in the team competition on the third day, along with other team puzzles. The first team puzzle was to reconstruct the shirt that the German organizer had worn earlier that day from sheets of cloth, patches, and safety pins. The room was running amuck as fifty-two contestants desperately tried to remember which patches were in what position on the shirt. The second team puzzle was to construct with a Lego Technic® set the "Amazing Flag Turning Machine of 1885" from a single picture. The Americans became the only team to score a perfect score in this event. The remainder of the team competition included a difficult magic square puzzle, a map in which cities had to be identified, and a complicated 27-cube puzzle with pictures on each of the 162 faces.

During the fourth day, the judges were busy with the grading as contestants were taken on a tour of Cologne, including the famous building 4711 and concluding at the famous Cologne Cathedral. The closing ceremony was held at Sparkasse Bank of Germany, another sponsor.

For those of would who would have liked to go but didn't, watch for the book that Times Books will publish with *Games* magazine called *Games Magazine Presents World Puzzle Championships, Volume 2*. The book is scheduled for release in July 1995. Also watch for next year's selection contest in *Games*.



**A Memorial Observance
For
Linus Pauling
Will Be Held
Friday, November 18, 1994
At 3:00 P.M.
In Beckman Auditorium**

Meet Charlene Liebau: the New Director of Admissions

by David R. Relyea

The title of Director of Admissions at the California Institute of Technology was passed to Charlene Liebau on August first of this year. Mrs. Liebau previously had been the dean of admissions for nine years at Occidental College, and she considers Caltech a welcome challenge for her experience.

Mrs. Liebau received a BA in counseling/psychology from UC Berkeley and an MA from Stanford. She worked in education for several years, and eventually decided that she liked admissions work. She was the assistant Dean of Women at San Jose State, and then moved the position of Associate Director of Admissions at Occidental, later becoming Assistant Director and finally Dean of Admissions. While she worked at Occidental, applications to Occidental increased by 78 percent.

Mrs. Liebau says she likes to work at "a focused institution" with "a clear definition of purpose and mission." She looks forward to the challenge of increasing the diversity of the undergraduates at Caltech. "Admissions (at Caltech) are evolving", and she looks forward to participating in such an evolution. She also wants to increase contact with high schools' counselors, math and science teachers in order to spread

"the good name of Caltech" to as many applicants as possible. Mrs. Liebau also wants high schools to be aware of the resources that Caltech can offer well-prepared students. While she has served as Director of Admissions here, Caltech has had 41 regional receptions (last year, Caltech had 31). Mrs. Liebau is impressed with the enthusiasm of the alumni who have contributed their time to receptions in their area.

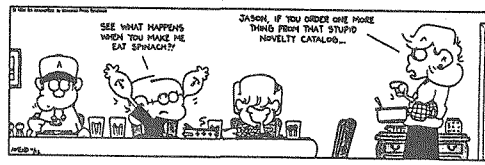
As I was concluding the interview, Mrs. Liebau was preparing for a regional reception to be held in Phoenix, Arizona on Sunday. Reaching her for an interview was difficult because of the time that she puts toward spreading Caltech's name to the huge potential pool of national and international applicants. I am glad that I encountered this difficulty, though, because it shows exactly how devoted Mrs. Liebau is to the admissions process at Caltech. Undoubtedly, Caltech will see its numbers of applicants increase, and I hope everyone on campus pays Mrs. Liebau some notice and gratitude - she's the one who coordinates the admissions of our undergraduate body, and in a way, decides how life at Caltech will be in each following year. So from one member of our undergraduate body, welcome to Caltech, Mrs. Liebau. I hope next year's freshmen class will be the most impressive one yet.

In This Issue

Dilbert® by Scott Adams



Fox Trot® by Bill Amend



The Usual Stuff

LETTERS	2
EDITOR'S CORNER	2
SPORTS	3,7
GAMES & PUZZLES	3
ASCIT NEWS	5
RESTAURANT REVIEW	5
BRIDGE WITHOUT SAM	6
SOCIAL COMMENTARY	6
EVENTS AND NOTICES	8
COMICS	9

Editor's Corner

From your Tired (but Mostly Harmless) Tech Editor

So, after I get back, not only do I see we're reduced to 8 pages for the foreseeable future, but there's an Inside World done as well! Can life get any better/worse? Anyway, the IW editor had better get in touch with me before I start torching all existing copies. Why? Just like Esa-Pekka Salonen (What? It's a *he*?), I was not impressed by the issue. Then again, I was even less impressed by the *Tech*. Well, I'm running out of space here, so if I keep rambling on like this, I'm quite liable to run into the

Deadlines

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

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Letters to the Editor



Dear Editor:

Being an athlete at Caltech, it is always a pleasure to open *The Tech* on Fridays to read the few sports articles that it has to offer. However, this past Friday, I was *totally* offended by a comment in Dan Kleiman's women's cross country article. For those of you who did not get a chance to read this fine statement, let me quote it:

"While many Caltech teams are content merely to compete, the Beaver runners have shown throughout the season that they can beat most teams on any given day."

Thank you, Dan! Another vote of confidence for all Caltech sports, and this one coming from an athlete himself. So, this is an open letter to Dan.

Dan,

It was surprising to me to not hear a huge uproar from all the athletes over this comment. "Other" Caltech teams are not just content to compete, we do just as well, and frequently, better, than the cross country teams. I know that many students ridicule our athletic teams. It is hard to dedicate so much time to a sport (frequently losing) and have people laugh at you, but it doesn't upset me very much—I just enjoy playing sports. What *is* upsetting to me is that this comment came from an athlete—someone who truly understands how it feels and who understands how important our sports are to us. Most athletic teams here already feel like they shouldn't (or can't) win. This is one of the main reasons why our teams fail to win. It is comments such as this that reinforce in athletes' minds that they can not win. Once again, thanks.

Before putting comments such as these into a public forum, why don't you try to get more information? Why don't you go ask all the "other" teams if they are happy just to compete? There are many people with whom you could talk to find

out just how well Caltech sports are doing. Talk to Kevin Boyce—he'll tell you how it felt when the saber team *won* the Southern California Conference Championship. Talk to the hockey team—they'll tell you how it feels to beat UCLA and USC on a regular basis. Talk to Jason Hong, Mike Greene, Eric Aamot, Chris Buchner, and Sooketoo Bhura, who will tell you how it felt to place in the top eight in their event(s) at the SCIAC swim meet. Talk to the soccer team and they'll tell you how it felt to beat Oxy. Talk to the water polo team and they'll tell you how it felt to beat San Luis Obispo. Talk to Grace Yang and she'll tell you how it felt to earn All-Tournament honors in the Cal Maritime volleyball tournament. Ask the basketball team how it felt to win the Hi-Tech tournament (or how it felt to play against a team ranked in the top ten in the nation). Ask Amy Oldenberg how it felt to be named southern California's "Athlete of the Week." Ask the golf team (which is, by the way, Tech's most winningest team in SCIAC competition) how funny it was when the Claremont coach almost had a heart attack when Tech beat his team, as well as two other SCIAC teams in the same meet. Talk to Jun Yang and ask her how it felt to end her last tennis season with 13-4 record or ask Monica Sharman how it felt to take the *national* single's champion to three sets. Better yet, why don't you talk to my partner, June Fujimoto and ask her how it felt to end our double's season together with a record of 13-3 (only losses to Oxy, Pomona-Pitzer and Redlands). If you talk to *any* of these people, they won't say they were *content merely to compete*. They were out there to win and they did. They wanted to see their hard work pay off. Cross country is not the only sport that excels here—it's obviously just the only one who has members

who feel it necessary to ridicule other sports when they don't realize how well others do. Come talk to me and I can give you *many other* examples of Caltech teams excelling.

My interest in this goes beyond being on two varsity sports teams. I am also a member of the Athletic Council, comprised of mentors and representatives chosen from each team, whose purpose is to aid and better the teams. One of our main objectives is to help eliminate the psychological barrier to winning that many athletes here have. We already know students here have the talent and ability to win. The problem is trying to convince them that they can. Passing comments such as this are counterproductive to what we are attempting to do. We are trying to make it so that athletes here are proud to say they are on teams—not feel like they are going to be ridiculed. Thank you once again!

There has been a trend in increasing support from the student body. It was truly exciting to have so many "fans" at our home volleyball games, yelling and cheering for us. Even if we did lose, it was wonderful to know that there are people out there who support us. Teams have also been supporting one another—water polo, volleyball, and soccer all going to one another's games. By alienating us, you have let us know that you don't want our support. And believe me, both the tennis team and the basketball team are ecstatic about sharing the training room with you during the track season.

I suggest, in the future, when you're excited about how well your team does, share it with everyone. We're all happy to hear when one of our teams are successful. But, be careful about putting down other teams. You see us every day at the gym, and you don't want us *very upset* at you.

Laura Verhoff

(The following letter by Daniel Kleiman was written after he had seen the letter from Laura Verhoff on the left.
—ed.)

To the editor:

Recently I wrote an article which appeared in the *Tech* about the women's cross-country team. In my haste to finish the article during midterm week I inadvertently included the phrase, "While many Caltech teams are content merely to compete, the Beaver runners have shown throughout the season that they can beat most teams on any given day." It was a completely unintentional stab at Caltech's athletics, and one that I would never have said if my mind had been on the article. I would never demean other athletic teams, including my own (the men's cross-country team), for I realize that there are devoted and hard working athletes on every team, many of whom are successful on a national level. Any athlete can attest to the fact that it is impossible to be "content merely to compete." Athletes are always training for improvement, regardless of the school which they attend. I was simply trying to bring attention to the accomplishments of the women's cross country team and did not mean to degrade the efforts of other Caltech teams. I hope that other student athletes can be understanding of this honest mistake.

Dan Kleiman

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.

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The California Tech

Caltech 40-58 SAC, Pasadena, CA 91125
phone: (818) 395-6153
e-mail: editors@tech.caltech.edu
ISSN 0008-1582

VOLUME XCVI, NUMBER 8
NOVEMBER 11, 1994

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Published weekly except during vacation and examination periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are strictly those of the authors.

Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. Submit copy (preferably on Macintosh 3.5" disk) to the *Tech* mailbox outside SAC room 40, or e-mail to editors@tech.caltech.edu. The editors reserve the right to edit and abridge all submissions for literacy, expediency, etc. All articles are the property of the authors. Authors and columnists retain all intellectual property rights.

The *California Tech* is distributed free. Issues will be mailed off-campus upon receipt of \$11 per year to cover third-class postage and preparation costs. Printed by News-Type Service, Glendale.

SPORTS

Tech's Fencing Beavers Hold High Hopes

by Austin B. Collins

Fear the Beaver! Emblazoned across Caltech's NCAA Fencing team T-shirts, it is not only a catchy slogan, but is also good advice if you plan to fence Caltech's winningest intercollegiate team.

But has anyone heeded this warning? Evidently not, because Long Beach, Cal State Fullerton, and UC San Diego are all showing up this weekend in an effort, albeit futile, to compete with Caltech's fencing team.

Although overall Caltech was neck and neck with most of these schools last year, this year's team is the best Caltech has fielded in recent history. Although sometimes criticized as being a one-weapon school, Caltech has strong teams in each of the three weapons this year.

The biggest shock for those poor three schools this weekend will undoubtedly be Caltech's Men's Foil team. You see, Caltech has in the past been weak in foil. Not this year. This year, Caltech is fielding a Men's Foil team entirely comprised of experienced fencers. What could possibly be better than that? A team comprised entirely of young, experienced foil fencers. This way, the Men's Foil team will not only rain death on their opponents this year, but for the next three years to come. This year's Men's Foil team shows a lot of promise — lets hope

they show no mercy.

With the addition of Women's Épée to this year's competition, Épée promises to be a thrill to watch. Last year, Caltech was the *only* team with a complete Women's Épée team, and this year the other schools have followed suit. With the captain of the Men's Épée team, Ben Lane, returning this year with a fresh squad, Épée is just another way of spelling defeat for Caltech's opponents.

And then there are the returning teams. As if Caltech's arsenal of fencing talent wasn't deadly enough, two championship teams are returning this year. Three out of the four members of the Women's Foil team that took third in the conference last year have returned. They bring with them years of experience, and a hunger this year for first place. I pity the schools that must face them this weekend — Hell hath no fury and all that.

Last, but not least, is Caltech's Men's Sabre team. Having *won* the conference for the last *three* years in a row, Sabre promises to once again crush (not just beat, but crush) the opposition. With two out of three of last year's team returning, there is no hope for the other Sabre teams in the land. This year, there will be no prisoners, either. With Sabre Captain Kevin Boyce, former Junior *national* champion, three time Western

Conference Sabre Champion, and B rated fencer, competing in his final NCAA season, other schools might think next year will be better. It won't. Also returning to this year's team is Austin Collins, who took fourth place in the Western Conference last year (and later won his C rating) and is only a sophomore. Add to that the two new members to this year's sabre team and there is no end in sight to the agony that other schools must experience at being defeated by a school with less than 10% of their undergraduate enrollment.

The only area in which Caltech lacks is spectators. Oddly enough, last year during the competition here it was observed that there were more fans for Long Beach (for all the schools in fact) than for Caltech. And Long Beach ain't right across the street either, folks. So, those of you with strong stomachs (because what Caltech does to these schools won't be pretty) should come and cheer for the Caltech Fencing Beavers. Let the other teams know that our dominance is complete.

The tournament is this Sunday, in the gyms, and it begins at 10:00 A.M. and will stretch through most of the afternoon. Yeah, yeah, it's early I know. But those few of you who showed up last year will assure you — a match like this is worth getting up to watch.

Deutschland

by Wei-Hwa Huang

Well, after my brief visit to Germany (see the article on the first page), I discovered lots of useful and useless facts about Cologne (Köln) and Germany. I'd like to share them with you...but you supply the answers. Send them in to *gp@tech*, and if you get more answers correct than anyone else, you get a \$10 check! Good luck! Deadline is 2000 (military time), Wednesday, November 16.

1. It's a common misconception that German grammar puts the verbs at the ends of sentences. How does German grammar actually treat verbs, and how did the misconception originate?
2. If you went into a McDonald's in Germany and ordered a "Hamburger Royal," what would you get?
3. About how much would it cost?
4. Around Bonn and Köln I kept on seeing these giant blue "U" signs. What do they mean, and what does the U stand for?
5. An American tourist once commented that the most common street ("straße") in Germany was "Einbahnstraße." Why is this funny?
6. How is "ß" pronounced?
7. When I was in Bonn, I lived very close to the Museum König, named after Alexander König. *Star Trek* fans may recognize the name as the same as Walter Koenig, who plays Chekov on the show, so I was surprised that it was also a German name. But, in fact, I was to see the word "König" many times on the streets of Germany. Why?
8. Why should you not offer a German a "gift"?
9. You may have noticed that I

mention on the front page "the famous building 4711." Why is this building famous?

10. What song does this building play every hour, and why?
11. Is the capital of Germany (after reunification) Bonn or Berlin?
12. What are those two dots over the vowel in Köln or Düsseldorf called, anyway — a cedilla, breve, umlaut, or caret? And what symbols do the other three terms refer to?
13. The German keyboard, aside from having punctuation keys in different spaces and keys for Ä, Ö, and Ü, has one major difference than American keyboards. What?
14. What's the speed limit on a German highway ("Autobahn")?
15. He was born in Bonn, was featured in one of the puzzles we did and appeared in another one. I saw a giant mural of him in front of Cologne Cathedral. Who was he?

Results

The \$10 check goes to Dennis Ugolini. He was chosen by random draw out of the five correct entries (out of a pool of 12). The four runner-ups were: Derek Farmer, Glen Herrmannsfelt, Peter Weichman, and Chuck Williamson. Thanks to all that participated! Here are the answers:

1. Sulphur. FIVE - IV = FE, so SIX - IX = S.
2. My friends FEAR WOLFS (or, as Miriam Jackson put it, they may fear FLOWS if they're applied mathematicians). The chain is FEAR-FARE-FAIR-FOUL-FOWL-WOLF.
3. The letter to insert in the blank is ψ , creating the words GYPSIES, LOPSIDED, TIPSINESS, and capsizes.
4. The only legal word that we've found is DEFACING.

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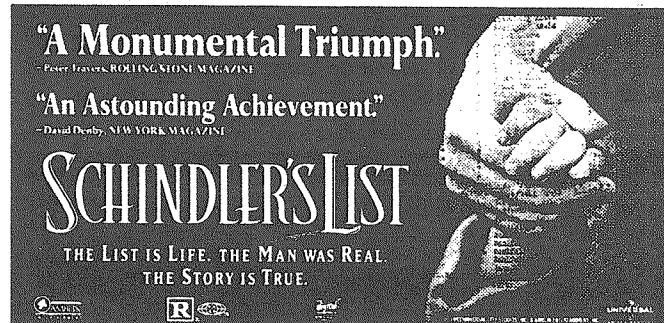
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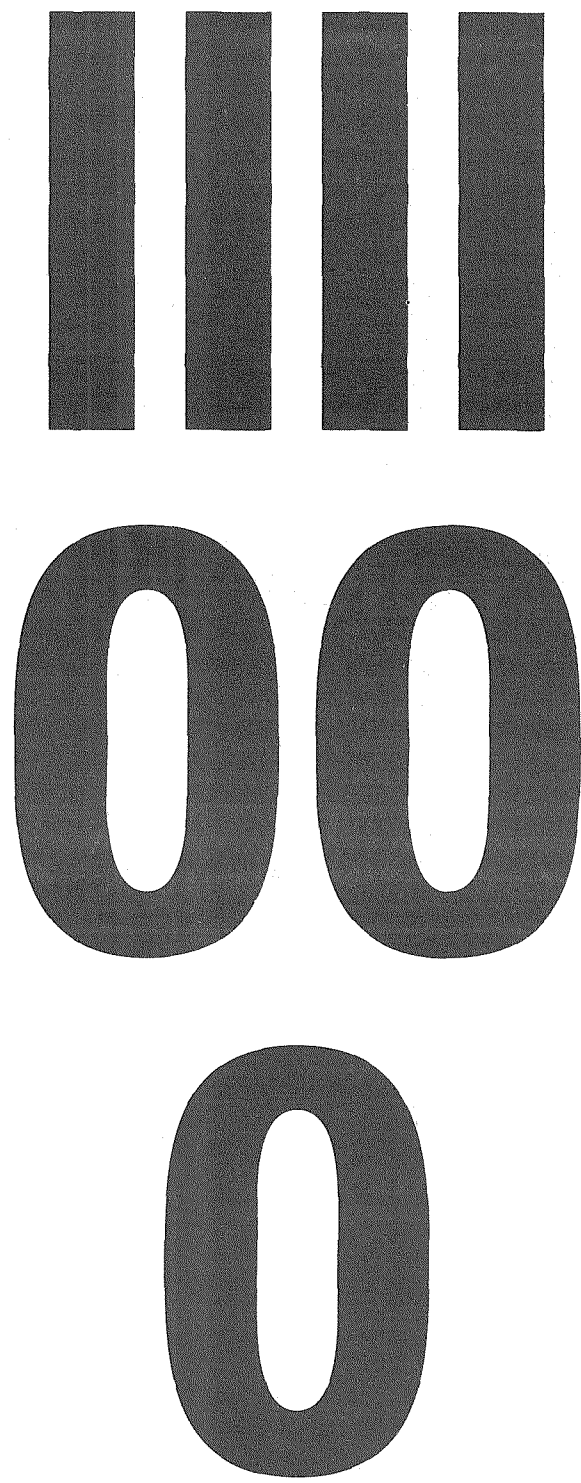
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ASCIT NEWS

11 November 1994

✓ ANNOUNCEMENTS

- Early this week, the Board of Directors drafted a letter to the Institute Administrative Council asking that the relocation of the MOSH from **Steele House** be reconsidered. As a result, President Everhart has placed a temporary hold on the plan to transfer the MOSH, pending further discussion of the matter. Our task now is to assist in finding alternatives for housing the new Technology Transfer office. Ideas or comments may be sent to any Director.

- The Board of Directors will hold an **after-noon meeting** at 3:00PM on Thursday 17 November in the Y Lounge. All members of the Caltech community are invited to attend and participate.

- Several fake rocks are missing from Theater Arts. They were to be used in upcoming performances. Blah blah blah ... you know the deal ... any public building would be fine.

✓ PUBLICATIONS

- The *on-line CLUE* is now activated. It can be reached on the Web via the ASCIT Page.

✓ 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/>

- 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.

Moore Labs: A Skeleton Without a Façade

by Zackary Dov Berger

Moore Labs are still in its ugly stage. Now we see the building for what it really is: a prison for EE's, where digital floggings are administered far into the night. Soon it will be made to look pretty on the outside, so that campus forgets its purpose.

As you walk between Dabney Gardens and the old Chemical Engineering building, Moore's skeleton looms before you. You can imagine its completed appearance: like Beckman Institute, or Braun Gym, or any building consistent with Caltech's new architecture. That style (adopted consciously or accidentally) is pallid Spanish Renaissance, institutional Mediterranean, pseudo South-House. As these buildings sprout according to the Master Plan,

those not conforming to their style will seem even more out of place. That's the case even now—if you walk down the Court of Man, Moore pokes out accusingly from between Beckman Auditorium and Baxter, lending a certain asymmetry to the scene. This imbalance is not undesirable in itself, but perhaps negates the one redeeming feature of the Beckman-BBB-Baxter triangle: the imposing symmetry of what are otherwise two architectural errata.

Moore faces north, away from the rest of campus. The Master Plan (itself an ominous, Gothic name) calls for that northward shift, leaving the original buildings of the 30s to an eventual lonesome obsolescence and replacing them with Moore, Avery, and other spanking-new prettifications.

There's a possible consolation: maybe Millikan Library will hold a less prominent place in Caltech's future orientation. Maybe, too, I'll graduate, get rich, make a lot of money, and give it to Caltech on the condition that a nine-story blemish be razed, Winnett Center buried, and the North Houses made a Museum of Concrete Monstrosities.

But welcome, Moore, and let's hope to see your skeleton clothed soon.

RESTAURANT REVIEW: *Steer'n Ale*

by Michael Kantner

Ever get the craving for a good steak? There are several good expensive places around, but few good cheap ones. Sizzler, while having the all-you-can-eat buffet, serves atrocious gray cow pars that they call steak. For about

the same price, Steer'n Ale does the job correctly.

For \$7.30, you get a sirloin or filet mignon dinner. It starts with a salad. It is not fancy, but the lettuce is crisp and the serving is generous. The steak comes with garlic bread and a choice of potato (baked or French fries) or

vegetable. The fries are hot and not greasy. The baked potato is also done well. Both the sirloin and the filet are amazingly good. The steak is tender, juicy, and flavorful, and the cooks understand what medium rare means. The garlic bread is acceptable, but not special. They also serve sandwiches and

some seafood.

Steer'n Ale is located at 3644 East Foothill, about a block west of Rosemead on the south side of the street. It is not within walking distance of campus, but there is plenty of free parking. They don't take reservations and draw a good crowd, but they are worth the wait.

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Bridge Without Sam

Show-Off
by Jeff Goldsmith

Bridge is a game, and I think it ought to be played for fun. Some players who feel that way have a habit of table-talking a bit too much. Sometimes that can be used to one's advantage. Playing in a regional pairs event limited to players with 1000 or more masterpoints, we are playing against a very talkative pair at table 3.

Partner deals and opens 1♦, and I hold:

- ♠ QJ4
- ♥ AQ73
- ♦ 104
- ♣ AKJ6

This hand holds some promise, but I must start with 1♥, since an immediate jump shift shows that I know which suit should be trumps; I certainly don't on this hand.

With the opponents passing throughout, partner jumps to 3♦, and I have a problem. Partner ostensibly has 16—18 points with a very good six-card diamond suit, but I know partner is a bit of an overbidder. Regardless, it looks worthwhile to shoot out 6NT, so I go for it.

LHO strongly feels otherwise. He pulls out the STOP card from his bidding box. He pulls out all his double cards and spreads them on the table. Then he reaches over to my bidding box and pulls out all my doubles and adds them to his stack. He grabs partner's, too, and his partner hands him his so that he doesn't have to reach over the table. Partner thinks about this and, after a while, passes, as does RHO. I have a problem.

PARTNER	RHO	ME	RED CARD MAN
1♦	Pass	1♥	Pass
3♦	Pass	6NT	Double
Pass	Pass	?	

It seems pretty clear that LHO has the ♠AK. He might have, instead, a diamond trick and the ♠A, but I don't think he'd double so loudly without either two aces or an ace-king. If he has two aces, partner really isn't close to his bid, so we are off two fast spades.

On the previous hand, RHO overcalled 1♥, which was alerted and explained as "he might not have a good hand, he is likely to have only four hearts, and it is primarily for lead-directional value." I think I have an angle. LHO

SEE SHOW-OFF, PAGE 7

Save a Whale, Recycle Your Magic Christian Escrow:
A Social Commentary

by J. Random HercFrosh III and Lauren

Today's Target: Censorship

<Sexual profanity deleted> the word <libeled profession title deleted>. If ever a race of <rectal profanity deleted> has lived, it has to be those <religious profanity deleted> censors. <Sexual profanity deleted> 'em we say!

You <rectal profanity deleted> may be wondering why censorship is bad. Well, we're <sexual profanity deleted> here to tell you. So stop gabbing with that <rectal profanity deleted> across the table, put down that <rectal profanity deleted> <potentially libeled organization name deleted> calls food, and listen the <sexual profanity deleted> up, <rectal profanity deleted>!

Censorship <sexual-alluding verb deleted> big long donkey <genital profanity deleted> because it inhibits the free flow of ideas. Perhaps there are ideas that you think should be suppressed, but that's only because you are <genital profanity deleted>, <sexual profanity deleted>, <sodomy-related profanity deleted>, <unknown reference deleted>, just to be on the safe side (hey, what the <religious profanity deleted>, right?). Take, for instance, the following quote:

"<seventy-five repetitions of sexual profanity deleted> duck <sixty-nine repetitions of sexual profanity deleted> duck <one hundred nineteen repetitions of sexual profanity deleted> goose."

Such a reference would never escape <libelous material, including profanity, sexual allusions, and names of certain innocent students deleted>. At best, such a <libeled minority affiliation deleted> would reduce it to nothing more than "duck, duck, goose," but this would hardly carry with it the same weight or emotion. The author's thematic presentation would be lost, the spirit of their art destroyed, their vision desecrated. We can not, we must not, we will not let this happen. Accordingly, we will take this opportunity to practice our first amendment rights to say whatever we <sexual profanity deleted> please, <sexual profanity deleted>, <degrading racial appellation deleted>, <something accidentally deleted> <disgusting profanity deleted> <libeled profession deleted> be <religious profanity deleted>!

- 1) <Libeled person name deleted> is a <sexual profanity deleted> <degrading sexual appellation deleted>.
- 2) <Libeled person appellation deleted> <sexual-alluding verb deleted> huge slabs of asphalt.
- 3) <Libeled person appellation deleted> <sexual-alluding verb deleted> <degrading catchphrase deleted>.
- 4) <Libeled person appellation deleted> <sexual-alluding verb deleted> his own rectum.
- 5) <Libeled person name deleted> – Schmuck on a stick.
- 6) <Libeled person name de-

leted>, <rectal pun on aforementioned person's name deleted> ... you make the connection.

7) <Libeled group acronym deleted> They spend their time in a <we're not sure what it meant, so it got deleted>.

8) <Libeled group acronym deleted> The expulsion of <Personal name deleted> last term was a travesty of justice... a <sexual profanity deleted> of enormous proportion. <Offensive statement deleted>

9) <Personal name deleted> <sexual-alluding verb deleted>.

10) <Derivative of personal name deleted> <sexual-alluding verb deleted>.

11) <Sexual pun on personal name deleted>.

12) <Derivative of personal name deleted>? Baaaaaaaaaaaaahhhhhhh.....

13) <Derisive appellation of group deleted>? Gay.

14) <Personal name deleted> – <>false libelous material deleted>

15) <Personal name deleted> <Derisive appellation of group deleted> gang-bang moose.you get the idea.....

Special note: Thanx to all the foul-mouthed <insulting term deleted> in the <deleted to protect the guilty> who so cheerfully provided profanities for the above essay.

P.S. Ask for <Personal name deleted> by name! Remember, he's in your grocer's freezer.

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Runners Look Ahead to Regionals

by Jim O'Brien

This weekend the NCAA Division III Regional Championships in Cross Country will be held at Prado Regional Park in Chino. All the SCIAC Conference teams we met two weeks ago will be in attendance, along with Mills College, Menlo College, and UC San Diego. NCAA Championship qualifying berths are at stake for both teams and individuals. On the men's side, it appears as though UC San Diego and Occidental are primed to garner the two available team slots. The women's race looks to be a close battle between UC San Diego, Claremont-Mudd-Scripps, and Whittier College for two spots.

There will also be three men and four women who qualify individually. The National Championship Meet will take place at Lehigh University in Bethlehem, Pennsylvania next week on November 19th. Moravian College will serve as the host institution. Caltech has three runners with legitimate chances to qualify if they are all running up to form. Cailin Henderson, First Team All-Conference, and

Sara Beaber, Second Team All-Conference, have demonstrated throughout the season that they are forces to be reckoned with. Henderson won the Biola Invitational, while Beaber would have won the Southern California College Invitational if not for missing a turn only 100 meters from the finish line. They are both fierce competitors on a mission. Dan Kleiman, First Team All-Conference, has displayed his toughness this year by working through an injury deep within the

quadriceps muscle to assume a fourth place finish in the Conference Championships on this same Prado Park course. Kleiman appears to be getting stronger and faster every passing week.

The men's race begins at 9:30 A.M. and the women's race goes off at 10:30 A.M. this Saturday. It's a mere 45 minutes from Caltech and the teams welcome any and all support you can provide. Directions to Prado: 210 east, 71 south, to Euclid (left), 1 mile to Prado Park on the right. See you all there!!!

Show-Off

FROM PAGE 7

and I know that he's got the ♠AK, but his partner doesn't know that. Since he didn't overcall 1♠, his partner can be pretty certain that, in fact, he doesn't have two quick spade tricks. I think I have them. I convert to 7♦ and expect a club lead. I don't know if we can make this, but at least we'll have a chance.

7♦ gets doubled, too, but this time a bit more slowly, which is not surprising, since LHO has used up all the double cards already. RHO has the ♣8 on the table even before I have a chance to redouble, but I see no need for that. Partner thinks about this for about three minutes, wins the Ace, finesses the ♥10 in his hand and claims making seven.

LHO should not have doubled 6NT, which, as we leave, his partner is explaining to him at about 110 decibels.

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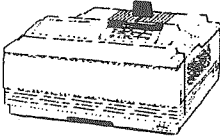
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TWO ARTIFICIAL BOULDERS were taken from the Holliston parking structure. They are desperately needed for this weekend's TACIT play. Please return them—no questions asked—as soon as possible!

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Notices

✓The Planetary Society launches the Great Planetary Clearance Sale and Give Away on Saturday November 12th from 9 a.m. to 4 p.m. Space merchandise discounted from 10% to 50% will be given away. So come visit the Planetary Society at 65 North Catalina Avenue (half a block north of Colorado Boulevard) this Saturday. Call (818) 793-5100 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 turn 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 your homes. We encourage you to take this occasion to get to know our students. If you are interested in hosting a student, contact Chris via e-mail: Chris@pcmail, 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.

Flu Shots—The Health Center has arranged to offer flu shots to students only. Flu shots are a preventive measure and need to be given 6 to 8 weeks prior to the time of a predicted outbreak. Cost for this service is \$5, chargeable to a student's account.

Give Blood—Two-day blood drive in Winnett Lounge, Monday, November 21 from 9:15 - 2:30 and Tuesday, November 22 from 12:15 - 5:30. Every participant receives a free T-shirt. 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 members looking for a place to address questions about sexual orientation—including coming out, being out, self-discovery, coping with families... We begin with a topic but move to whatever is most relevant to the group that night. Refreshments are served. For information, please call 395-8331.

Coming Events

✓A Charles R. DePrima Memorial Undergraduate Mathematics Lecture will be held on Tuesday, November 29 at 4:15 p.m. in room 151 Sloan. The speaker this year is Tom M. Apostol, Professor Emeritus, Mathematics, Caltech. His topic will be, "What is the most surprising result in mathematics?" Tea & cookies will be served in room 351 Sloan at 3:30.

✓Dr. Carl A. Maida, a research anthropologist at the School of Public Health at UCLA, will be giving a talk entitled "Cam-

Events and Notices

✓ denotes a new announcement.

paign Against Stigma: Patients and the Ongoing Therapeutic Revolution" on Thursday, November 17th at 4:00 p.m. in the Judy Library, 110 Baxter. This seminar on "science, ethics, and public policy" is open to the Caltech community.

✓Dr. Masakazu Konishi, Bing Professor of behavioral biology at Caltech, will be giving a lecture on "How the Owl Tracks Its Prey" at Beckman Auditorium on November 16th at 8 p.m. This Earnest C. Watson Lecture will have no admission cost. Please call extension x4652 for more information.

Opera Fans and Singers: The Metropolitan Opera National Council Western Regional Auditions Finals will be held at Bovard Auditorium on the USC campus on Friday evening November 11th. The program begins at 7:30 p.m. featuring promising young opera singers. Winners receive cash awards and may advance to the national finals competition next spring in New York City. Finalists compete before a panel of distinguished judges from the world of opera. So if you love singing or listening to Opera, tickets are \$15.00 and may be ordered by calling USC Cultural Events Ticket Office, (213) 740-7111.

✓"A New England Sampler," Friday, November 18 at the Beckman Auditorium at 8 p.m. Woody Thomas personally narrates this Armchair Adventures travel film. Admissions: \$8.00-6.50. Call (800) 423-8849 or (818) 395-4652 for more information.

✓The Caltech/JPL Flying Club will hold a general membership meeting Wednesday, November 16, at 7:30 p.m. in 269 Lauritsen. Chris Carver of Magellan Systems Corporation will be giving a talk about the current state and future prospects of GPS navigation for aircraft. All members, prospective members, and interested parties are invited to attend.

Don't miss the workshop on Business Planning for the Technical Entrepreneur presented by Molly Thorpe of Thorpe Associates. This event is sponsored by The Entrepreneur Club and occurs on Saturday, 11/19 from 1 P.M. to 5 P.M. in Winnett Clubroom #1. Refreshments will be served. Spaces are limited, so RSVP ASAP through samson@ugs.

Free Tickets and Stuff

✓On Sunday, November 13th, the Viklarbo Chamber Ensemble will give a concert at Dabney Lounge at 3:30 p.m. This Paco A. Lagerstrom Chamber Music Concert will feature works by William Grant Still, Antonin Dvorak, Max Bruch, and Maria Newman. Admission is purely free. Call x4652 for more information.

✓The Caltech Wind Ensemble will present a concert on Saturday, November 19 at 8:00 p.m. in the Beckman Auditorium. 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 Holiday Concert on Friday and Saturday, December 2nd and 3rd in Caltech's Dabney Lounge. Featured works include Daniel Pinkham's "Christmas Cantata" performed by the combined Glee Clubs and accompanied by brass choir; the Men's Glee Club sings Conrad Susa's "Carols and Lullabies" and the Women's Glee Club a carol sequence by Walter Mathias entitled "Salvator Mundi." The Chamber Singers will add traditional carols to this holiday mix. The concert is free and open to the public. Call extension x4652 for more information.

"Challenges Facing the New South African Government: A Lecture by Tandi-Luthuli-Gcabashe, Director, South African Peace Education Program" International Student Programs invites the entire Caltech community to this lecture on Wednesday, November 16, 1994 at 5:00 p.m. at the Beckman Institute Auditorium. You are encouraged to take part in the discussion which will follow the lecture. Refreshments will be served afterwards. For more information call x6330.

Club Announcements

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

✓Join CSS! We will be having a general meeting in Winnett Lounge at 5:30 p.m. on Saturday, November 12. Refreshments, too! Email cs@cso.caltech.edu for the agenda.

The Caltech Ballroom Dancing Club meets every Thursday (except Thanksgiving Day) at 7 p.m. in Dabney Lounge for a 90-minute ballroom dance lesson. 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. Learn how amateurs are creating low-cost spacecraft. Topics will include: *Why Go Into Space? Financing: How are we gonna pay for this stuff? Safety, and Legal Requirements.* Admission is free, though donations 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@cso.caltech.edu.

The Caltech Swedish Club will meet at 3 p.m. on Sunday, the 13th of November, at 200 S. Catalina apt G. Anyone interested in Scandinavian culture or in speaking Swedish is welcome. For more information, please call Rustan or India Leino at 584-7162 (or email rutan@cs), or Matt or Karin Johnson at 568-8596 (or email mj@caltech.edu).

Internships and Competitions

✓SAO Summer Internship Program Applications for 1995 are invited from undergraduates to participate in the Smithsonian Astrophysical Observatory Summer Intern Program at the Harvard-Smithsonian Center for Astrophysics in Cambridge, MA. 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 12 June and ends 18 August 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%khdou@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, CA. 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, NY 10036. Phone: (212) 221-1100.

Fellowships and Scholarships

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

✓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 near Amherst, Smith, Mt. Holyoke and U. Mass Amherst. Lemelson Fellows can take courses at any of these schools. The Spring Semester deadline is November 15. The deadline for the fall semester of 1995 is March 15.

✓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 both current 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 (jplee@ce). Applications must be postmarked on or before January 17, 1995.

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 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 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 an 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 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, including those majoring in 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.

Undergraduate Scholarships for Study Abroad. The Na-

tional Security Education Program (NSEP) provides scholarships to freshmen through seniors who wish to pursue undertake 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. Freshmen 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. Contact Lauren for applications and information: ext. 2150 or email Lauren_Stolper@starbase1.caltech.edu. Please come by the Fellowship Office to review an application. The campus application deadline is Monday, November 28. All application materials must be turned in to Lauren Stolper.

NSF Fellowships. NSF fellowship applications are available in the Fellowship Office in Lloyd House and in Career Development. Note that NSF Fellowships can be used to do graduate work abroad. Call Lauren Stolper at x2150 if you have questions. The postmark deadline for part 1 of the NSF application is November 4, 1994. This is a short application. Upon receipt NSF will send you part 2 which is due on December 2. Seniors and first year US grad students are eligible to apply.

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 U.S. grad students are eligible to apply.

Josephine De Karman Fellowships provide ten \$6,000 fellowships. Students in any discipline (graduating seniors who will start grad school next fall through grad students who will be entering their final year of study in 1995—no post-docs) can apply for this one year grant. 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 at Caltech 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. Don't wait until the Jan. 15 date as you'll have to rush to complete the application.

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 FAFSA application and have demonstrated financial need. Application forms and guidelines for additional requirements are available at the Financial Aid Office. 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 nondestructive testing of concrete. Applicants must submit a technical paper describing the research. The award is open to undergraduates or graduates, 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, UT 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.

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.

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.



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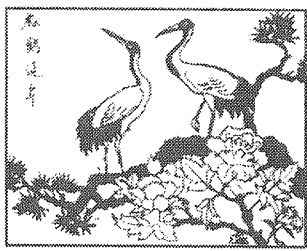
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