NSF Supports Caltech Proposals

The National Science Foundation recently announced that it intends to support a proposal by Caltech for 11 NSF Physics and Technology Centers, and will support a proposal by which Caltech will play a major role. The Center for the Development of an Integrated Protein and Nucleic Acid Biotechnology will be led by Dr. Leroy Hood, the Ethel Wilson Bowles and Robert Bowles Professor of Biology, and chairman of Caltech's Division of Biology. In addition, the NSF will support a joint proposal by Rice University and Caltech for the Center for Research on Parallel Computation. This center will be based in Houston, Texas.

“We are elated with the NSF’s announcement,” said Caltech President Thomas E. Everhart. “Scientists from all over the United States submitted 223 proposals for centers. Caltech is a relatively small institution, and for our faculty to be part of two of the centers selected for funding is quite a distinction.”

According to the NSF, it is establishing the centers to promote basic research in areas of concern to industry, institutions, or other institutions.

The NSF grant for the first-year funding of about $3,050,000 for The Center for the Development of an Integrated Protein and Nucleic Acid Biotechnology is according to the NSF, the actual award will be negotiated by the NSF and the host institution. NSF support after the first year of the five-year award is dependent on available funds and on the center’s satisfactory progress.

A comprehensive review of the first year will determine whether the center will be funded for an additional five years and the NSF plans to support successful centers for 11 years.

continued on page 3

Wilde Becomes New M.O.S.H.

by Don Fennell

Rumors that the long vacant office of Master of Student Houses had been filled were confirmed recently when his identity was finally put forth by a number of students, a former Co-op member, and a faculty member. Professor of Economics and Executive Officer for the Social Science Department, Dr. John W. Woolverton, has decided to print only the Office of Master of Student Houses (O.M.S.H.).

This bothered several of the Coffeehouse’s shift managers, though he gave no indication of this. Wilde admitted that somewhat reluctant to accept the position of MOSH, but this was due to timing. A lack of interest. In fact, this decision to accept was made in part because he thinks it is important that the MOSH be someone willing to invest a lot of time in the job. More, since the institute is now considering major changes in the structure of undergraduate life, it is important that the students have a vocal representative during this time, and is some body who’s not shy about expressing his opinions. He also points out that MOSH is “a job which is a lot more fun than it is important.”

“I don’t have any, sweeping agenda” Wilde says of his plans for running the office, being of the philosophy that “it’s not broke, don’t fix it.” He plans to spend his energies on getting out the job, learning by doing. As he sees it, the fiscal responsibilities of the MOSH is to help students perform academically, and to help them live more balanced lives by providing opportunities outside of the classroom.

His long term goals consist of improving the quality of student life, primarily through a focus on the part he has in the encouragement of the student houses and the recruitment of more female students.

Professor Wilde has a wife who studies architecture at the Southern California Institute of Architecture in Santa Monica, and they are expecting their first baby early this year. His interests include bicycling, hiking, and rock climbing, which he will continue to teach (one of the conditions he made for accepting the job). He would like to organize biking trips, hikes and other such activities, and hopes his stay will be characterized by “doing things outside the Master’s house as well as inside the Master’s house.”

Professor Wilde has already moved into the Master’s house and is available. Much of his time is still occupied by his duties as Executive Officer for Social Sciences, but he will start keeping office hours next week in the early afternoons, and welcomes visitors.

Coffeehouse Scandal Brews

by Brian Lemoff

A recent change at the Caltech Coffeehouse has led to the removal of Coffeehouse Head Manager John W. Woolverton and the resignation of Special Events Manager Steve Bard. The controversy is centered on the replacement of the Coffeehouse’s Head Manager and the resignation of its Assistant Head Manager, the only non-student working at the coffeehouse on a “voluntary” basis since this summer, despite being specifically forbidden to do so by CHUG (the Coffeehouse User's Group), which oversees coffeehouse operations.

Recently, according to Nancy Matthews, Student Activities Coordinator, Lodge had apparently been accumulating money for work done by pocketing money from the cash register.

In addition, one of the managers participated in falsifying payroll documents so as to further compensate Lodge.

The policy established by CHUG states that the Coffeehouse will only employ people who are current Caltech students. It also prohibits non-students from working on a voluntary basis. This summer, when Lodge offered to volunteer at the Coffeehouse, both he and the managers were told that this would not be allowed.

Nevertheless, Lodge proceeded, with the knowledge and encouragement of both Band Woolverton, to serve customers at the Coffeehouse.

As Woolverton became more and more lax in his duties as head manager, Lodge began to assume many of the head manager’s roles. Finally, in late November, it appeared that Steve Lodge had assumed the position of “Acting Head Manager”. This bothered several of the Coffeehouse’s shift managers, since they had been passed over for the promotion. Several of them complained to Matthews. She quickly made it known that Lodge was not the acting Head Manager and reemphasized that Lodge was not supposed to be working at the Coffeehouse in any capacity.

On November 29, CHUG met to discuss the situation. All coffeehouse managers were invited to attend this meeting, and it was alleged that Lodge had routinely failed to show up for meetings, then to sign the register each night that he had worked. According to Matthews, this was apparently general knowledge to some of the Coffeehouse managers, although it came as quite a surprise to most of CHUG. It was further revealed that Lodge had been filling out the register each night that he had worked. According to Matthews, this was apparently general knowledge to some of the Coffeehouse managers, although it came as quite a surprise to most of CHUG. It was further revealed that Lodge had been filling out the register each night that he had worked. According to Matthews, this was apparently general knowledge to some of the Coffeehouse managers, although it came as quite a surprise to most of CHUG. It was further revealed that Lodge had been filling out the register each night that he had worked. According to Matthews, this was apparently general knowledge to some of the Coffeehouse managers, although it came as quite a surprise to most of CHUG. It was further revealed that Lodge had been filling out the register each night that he had worked. According to Matthews, this was apparently general knowledge to some of the Coffeehouse managers, although it came as quite a surprise to most of CHUG.

Crime Beat

Crime Beat is a new and hopeful development at the California Tech in which the week’s (or in this case month’s) most important news is written though reports.

According to Harold Ginder, Manager of Caltech Security, there were five robberies during the past month, all of them thefts.

On December 7, a stereo was stolen from a car parked on San Pasqual, between Wilson and Canoga Avenues. The thieves were between 2pm and 7pm.

On December 9, a laptop computer worth approximately eight thousand dollars was stolen from a student’s yard house.

On December 13, two leather jackets were stolen from a student’s room in Lloyd House.

Sometime between December 21 and 28, a 10-speed bicycle was taken from Alley 3 in Fleming House.

On January 5, in the first major incident of the year, a bicycle was stolen from 150 S. Chester.

continued on page 3

continued on page 3

Nominations for ASCIT Offices Open

Nominations for ASCIT President and Treasurer will open on Wednesday, January 11. Nominations will close at 5pm on Tuesday, January 17. Elections for these offices will be held on Monday, January 23, and any necessary runoffs will be held on Friday, January 27.

Nominations for Tech Editor are open. You only have until Tuesday, January 10 to sign up for what may very well be the most re-warding experience a Caltech undergrad can have (given the ratio).
Go On Leave!

To the editor:

One of the most dreaded states of any student is that they are "going on leave." I've not been an undergraduate at Caltech, but a lot of my friends have been.

In the last two years I've seen enough people go on leave to wonder what it means. So, although I don't make any claim as to "having seen it all," I feel I've seen enough to make some valid commentary on "leaving for a place where the ratio isn't 7:1."

A lot of people go on leave because their grades are sliding, or they have hit bottom. Maybe the pressure was just too much and they needed a break, or maybe their social life wasn't going well (Social Life! At Tech?!). Maybe they just broke up with a girl who happened to be one of their two friends, or maybe they have been glum to death.

Whatever the reason, the motivation for getting work done just isn't there. Going on leave seems a reasonable thing to do in cases like this. But there's a point at which a lot of people overlook: GOING ON LEAVE MEANS LEAVING CALTECH. Or at least, it should.

The whole idea is to take a break to remove yourself, not to take an extra summer vacation.

If you're leaving because you just aren't getting work done, for whatever reason, you should go out to McDonalds for a living?:-). But at least you'll know what not to expect from your work and hang around while your work is being done. You go on leave, and you do go on leave, it does benefit from the experience.

- John Uhl

Letter to the editor:

I would like to question the statistics that were quoted from Hal Ginder, Caltech Security Manager, in the December 2 issue of the Tech concerning crime on the Caltech campus. He states that the crime rate on campus is low, especially those crimes concerning violence. His statistics would lead one to believe that crime is not an important problem on this campus because we have lower rates than what an amazing place Caltech is.

The whole idea of a leave is to LEAVE. It's not to stop doing work and hang around while your friends struggle with theirs. A lot of people seem to lose track of what an amazing place Caltech is. This is one of those, if not the top, schools in the US (if not the world) and it is an honor and a privilege to be here. Your time here is far too valuable to waste on being unhappy (not to mention your tuition). So, if at some point in your life, you do go on leave, it does benefit from the experience.

-John Uhl

Letter to the editor:

So another set of editors have come and gone. Funny, from the editors with the highest ideals and longest list of campaign promises, they would so suddenly disappear with this fuck-you-all, have-a-nice-day attitude. They wouldn't be heard so much as a damn whisper when they happened next. Luckily, we seem to have a lot of other former editors who seem to want more for old times' sake.

So they threw their little tirade about how they wouldn't use material coming out of the Public Relations Office. Instead of doing the least logical thing, covering itself, they got clip art boxes of facts that have little to do with us. Instead of a Caltech panorama, we got a wonderful little campus edition of USA Today. And all that exciting muck-raking they promised did with their first issue. And now that ASCIT has been cleared...

PS with his Inside World may

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The California Tech
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January 6, 1989

EDITOR
Brian Lemoff

REPORTERS
Donald Fissell
Craig Volden

PHOTOGRAPHERS
Marc Turner

ENTERTAINMENT
Andrew Hsu
Sarah Lim

PHOTOGRAPHERS
Jennifer Low
Nick Smith

BUSINESS MANAGER
Mike McDonald

OFFICE MANAGER
Gavin Claypool

ADVERTISING
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CIRCULATION
Donald Fissell

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The Unbearable Lightness of Being

Next Week

The California Tech
More Caltech Funds

The Center for the Development of an Integrated Protein and Nucleic Acid Biotechnology will be a cooperative effort by scientists from Caltech and from Caltech’s Jet Propulsion Laboratory. They intend to improve upon and integrate the most advanced techniques in genetic engineering, protein chemistry, and data analysis in order to develop new technology to speed research in protein and gene regulation. Their efforts should ultimately lead to new possibilities for understanding, diagnosing, and treating diseases at a molecular level. New technology will be in a form that can easily be transferred to biological scientists in academia and industry. Projects include development of a new and more sensitive method for determining how the components of DNA and protein are ordered, and new methods for analysis of biological databases that will allow scientists

More Coffeehouse

one of the top managers (Bard or Woolerton) had falsified a payroll time sheet so that Lodge, although not officially an employee, could be paid for attending the quality party confessed, but explained that he was only doing what he thought was fair.

On December 8, a meeting was held between President James C. Fahey, Vice- President for Student Affairs Jim Morgan, and Student Affairs Administrator Stan Borodinsky. The Coffeehouse User’s Group was also in attendance.

The Coffeehouse User’s Group consists of two students appointed by ASCIT, two appointed by the Student Affairs seat are currently full. The Coffeehouse User’s Group, which will attempt to address. For one thing, the computer programmers for older, single processor systems must be restructured to take advantage of parallel processing. Furthermore, parallel systems can be difficult to test and debug. The researchers will use their expertise in computer architecture, programming systems, computational mathematics, and scientific applications to make parallel-processing computers easier to use.

The Inside World

This week’s Inside World was brought to you by:

Dubney: David Edwards
Page: Dean Wilber

Dubney: Well, the Term from Purgatory is over. The Term from Hell is yet to come... But you can still survive, Fresh. by remembering two simple facts: everything (including incest) is relative and there is no such thing as LUMOsexual. Congratulations/Flame in Peace. Welcome to Ricketts to the following people (if you’ve already gone, rumors say you are, so you might as well be): AI. Paul S-M (not S&M); Ian, Gregg, Pat, Chris C., and Eric (oh, oh! What are we going to do about the hot tub?). However, your vacuums will be appreciated in the Monday-night screw-your-friends because the pick-order is reversed tomorrow. All bets on the outcome should be registered with Harold “the Bockie Monster” Zitt. It’s good to know someone has taken over AI’s old job. With 1989 now in full swing, it’s already time to look back on:

The Shortest-Lived Dubney House New Year’s Resolutions


Page: OKAY EVERYBODY, BACK ON YOUR HEADS! So, how many of you thought something interesting was going to happen to that parade? Hah! That old fake prank trick, it gets ‘em every time.

- Mr. Laughs
Sleep Abuse

Sleep abuse is one of the most widespread phenomena on campus today. To help you not only avoid it but also to understand it and to aid you in stopping sleep abuse. We have reviewed the following proposals for improving the quality of life on campus and have endeavored to make the necessary changes to the quality of life on campus.

Sleep Abuse

Sleep abuse is a chronic illness that can lead to serious health problems. It is characterized by an inability to experience adequate sleep, which can result in poor performance, impaired cognitive function, and physical fatigue. Sleep abuse can also lead to mental health problems, such as depression and anxiety.

Sleep Abuse

Sign up to interview with Apple Computer.

Apple will be interviewing Hardware and Software Engineers for full-time and summer internship Research and Development positions. We will interview at Cal Tech on January 12. Stop by the Placement Office to sign up.

On Wednesday, January 11, a briefing will be held in the Wintette Lounge from 6:00 to 7:00. Anyone interested in learning more about Apple is encouraged to attend.

Apple Computer has a corporate commitment to the principle of diversity. In that spirit, we welcome applications from all individuals including women, minorities, and persons with disabilities. (Critics Dickens' Little Dorrit's Story)

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Colorado

Little Dorrit's Story

Nobody's Fault

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breakfast Special

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Two Eggs

Hash Browns

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For Only $225

Fried Chicken Special

breakfast Special

Apple Computer.

Bacon, Ham or Sausage

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Hash Browns

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Bruce Kahl, Director

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Puh-leeze Eddie

by David Cole

What? You haven't seen Roger Rabbit yet? If you're tired of hearing that, then this first Saturday of the term was created especially for you. Not only are you a social outcast in the first place, but you missed the finest motion picture product of 1988. Well, start the new year off on the right foot - go to Baxter lecture hall this Saturday to see Who Framed Roger Rabbit? It's on at 2:00, 7:00, and 10:00 PM and costs $1.50 to get in no matter who you are. No ID required. Courtesy of Cinematech productions.

Who Framed Roger Rabbit? is surely a landmark film by which 1988 will be fondly remembered. It is a seamless blend of live action footage and animation. It is a time-lesson set in a time when Los Angeles skies are blue instead of brown, people take the trolley instead of hopping into their cars, and cartoon characters actually exist in real life. Of course, everyone knows that cartoon characters are imaginary nowadays.

After I first saw this movie, I was enchanted. I practically rolled out of the theater laughing, half expecting a cartoon elephant to fall on my head as I exited. Roger Rabbit is a finely crafted motion picture, and costs $1.50 to get in no matter who you are. No ID required. Courtesy of Cinematech productions.

The film was directed by Robert Zemeckis, who also directed the box office smash Back to the Future and Romancing the Stone. It stars Bob Hoskins as Eddie Valiant, the pickled detective who helps (?) Roger Rabbit, star of Merman Cartoons, and Christopher Lloyd as Judge Doom, purveyor of justice in and around Toontown.

Roger's wife, Jessica Rabbit, is definitely a surprise the first time you meet her. But then you get used to her, don't worry. The speaking voice of the sultry Jessica is that of Kathleen Turner; also joining the cast are all the Disney and Warner Brothers cartoon voices you can imagine. With all these talents involved with the production of Roger Rabbit, it's no wonder this movie was the top box office grosser of the year.

Additional information about this movie can be found in the cover story of the June 27th (1988) issue of Newsweek. If, after you've read the article, you are as enchanted as I was, I strongly recommend a trip to the 5th floor of Millikan to see the film. The prospects for a sequel are mixed. Both Zemeckis and Spielberg would prefer, rightfully, to leave it as a once-in-a-lifetime classic. Sequel or no sequel, Roger Rabbit is the must-see movie of 1988. And now that it's 1989, those of you who have not seen it have a golden opportunity this Saturday. Don't miss it!

The Naked Gun: From the Files of Police Squad!

Directed by David Zucker
Written by Jerry Zucker, Jim Abrahams, David Zucker, and Pat Proft.
Starring: Leslie Nielsen, Priscilla Presley, and Ricardo Montalban.

by Chris Raymond

If you liked the Airplane! movies, you have the time to come to rejoice. The wild and crazy guys who brought you these productions have collaborated once again to resurrect their short-lived television program Police Squad! as a frenetically paced, hysterically funny movie.

The movie stars Leslie Nielsen as Lt. Frank Drebin, Priscilla Presley as his girlfriend Jane Spencer, and Ricardo Montalban as Vincent Ludwig, a wealthy and respected Los Angeles businessman who enjoys moonlighting as a hired killer. The movie also includes such talents as George Kennedy, O. J. Simpson, and Nancy Marchand, and includes guest appearances by "Weird Al" Yankovic, John Houseman, and Ili Amin, among others. The movie's plot ostensibly involves a plan to assassinate Queen Elizabeth (see photo) during a state visit to Los Angeles, but this is really just a vehicle to hold together the movie's nonsensical series of sight gags and slapstick. The verbal humor is great and consists mostly of broad double entendres and grossly obvious puns. Some of the jokes are telegraphed pretty heavily; for example, while searching Ludwig's office for evidence of the tycoon's shady dealings, Drebin opens a desk drawer and shouts "Bingo!" just before the camera cut.
### The Fast Lane

#### Is For Winners

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<table>
<thead>
<tr>
<th>The Past</th>
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<td>Oracle Corporation’s revenues have more than doubled in each of our eleven fiscal years and the share we own 91%. This unprecedented growth is the direct result of the focused efforts of our unparal-leled, company-wide team of super-achievers.</td>
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### More Gun

from page 6

cuts to the bingo card that he found. Much of the verbal humor is more subtle, and the viewer must constantly follow the dialogue to catch all of the jokes and the hints about upcoming gags.

This movie has something for just about everyone. There is steamy romance (but both Drebin and his girlfriend practice “safe sex”), a steamy romance (but both Drebin and his girlfriend practice “safe sex”) and even a slightly skewed music video. If you like this brand of humor, The Naked Gun is a must see.

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### WEEKLY SPORTS CALENDAR

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Sport</th>
<th>Opponent</th>
<th>Location</th>
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<tbody>
<tr>
<td>Fri.</td>
<td>1-6</td>
<td>8:30 pm</td>
<td>Basketball</td>
<td>Pacific Christian</td>
<td>Salt Lake City, Utah 84121-3144</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-7</td>
<td>All Day</td>
<td>Swimming</td>
<td>U.C. Irvine Invitational</td>
<td>Pacific Christian</td>
</tr>
<tr>
<td>Wed.</td>
<td>1-11</td>
<td>7:00 pm</td>
<td>Basketball</td>
<td>U.C. Irvine Invitational</td>
<td>Salt Lake City, Utah 84121-3144</td>
</tr>
<tr>
<td>Sun.</td>
<td>1-14</td>
<td>11:00 am</td>
<td>Swimming</td>
<td>Pomona-Pitzer &amp; Ot</td>
<td>Salt Lake City, Utah 84121-3144</td>
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### Sports

Techers bid into North American Bridge Finals

by Doug Volden

"In a par tournament, it is not your results that count, but whether or not you bid and play correctly." Following this simple rule, a Caltech foursome showed their Bridge skills with results that do count — victory in the Western Conference of North America and a trip to Reno Nevada, to compete in the North American Bridge Finals.

In early November, Bill Cross, Sam Dinkin, Kenny Horneman, and Dave Somoneh Hort wm with other Techers in the Campus Tournament, part of the contest sponsored by the American Con­tract Bridge League. These four were able to make the most correct plays, scoring 212 out of 400 points.

The Caltech score was then compared with those of other schools, which played the predetermined hands. The Techers were surprised when notified that they had the highest score in the western third of United States and Canada. "U.C.L.A. usually wins from our conference. Appar­ently, they didn’t have an eligible team," despite the fact that the only eligibility requirement is that each team member be under twenty-five years old.

The continent is divided into five conferences, with one team at­tending the finals from each conference, one at large, based on the scores of the remain­ing colleges. Dinkin projected Har­vard’s score at about 380. "But," he added, "since we qualified, we’ve held regular practices on Mondays and Wednesdays, and [we] play all the time." The foursome also has been competing in local tourn­aments and is rapidly improving.

The structure of the Tournamen­t, to be held in Reno in mid-March, is round robin, with each pair of players competing against those of each of the other five schools. According to the official rules, at that point, "two of the six teams will be eliminated. The re­maining four schools will be paired in two head-to-head matches. Based on qualifying scores in the round robin, the winners of the two semifinal matches will play for the championship.

The third level of this competi­tion is governed by the World Bridge Federation and is scheduled to be played in Nottingham, Eng­land. The team winning the North American Final will represent North America, the ACBL, and its school. Hopefully, that school will be Caltech.
what goes on the back page

More Engineering Money

The Society for the Advancement of College Students offers a $4000 scholarship for full-time students enrolled as freshmen, sophomore, or junior in any engineering or physical science related curricula within the United States. The Society for the Advancement of College Students is offering a $4000 scholarship for full-time students enrolled as freshmen, sophomore, or junior in any engineering or physical science related curricula within the United States. The Society for the Advancement of College Students is offering a $4000 scholarship for full-time students enrolled as freshmen, sophomore, or junior in any engineering or physical science related curricula within the United States. The Society for the Advancement of College Students is offering a $4000 scholarship for full-time students enrolled as freshmen, sophomore, or junior in any engineering or physical science related curricula within the United States. 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