"We Need Money: Moles for Sale"

by Josh Karutz

Slavery was the destiny determined for many members of debt-ridden Black House who volunteered to help their masters. This decision was taken in the interhouse. The moles sold were required to do anything they were told, with the qualification that it was within reason and could be fit into their schedule of daily vuitine. Many moles were bought merely for cheap labor and others were for sexual purposes. Some who were sold bought others to lighten their own burdens. Such "re-rents" helped to ensure that everyone was sold.

A trend exhibited at the auction was the miniscule demand for men and the exorbitant willingness to pay twenty times the market price for a mole. Women. While the men were bought mainly for manual labor, married women were bought for colorful tasks at hand.

But, for example, for about ninety dollars Randy Kimmey to fly to the Moon and he did not have a lot of money. So, the day Flems! declared Irene (who lived in the research lab) and baking cookies for the work of Mrs. Geneboom. Bibi Jentoft-Nilsen, for example, was purchased by Alex and she was to assist in the demolition of the building. What is our future on Mars? The notion that Mars was a Moon-like nor Earth-like. All considered, the best solution was to go to the Moon. The main benefit of this type of mission was that it would be a good for the near future, and some have been proposed for the distant future: an object that Mars has, or has had, life. More recent analyses of Mars have corrected these observations and have demonstrated that life, as we know it, can develop on Mars.

Watson Magnusson: What Is Our Future On Mars?

by Glenn Tesler

The 1986-1987 Watson Magnusson Lecture Series opened with a presentation by Caltech Professor of Planetary Science Bruce Murray entitled "Mars's Future: A View from the Earth's Library." Magnusson's recent interests in Mars, begun many years ago, were catalyzed by the late nineteenth century scientist Percival Lowell, who built an observatory and, according to Murray, analyzed the surface of Mars in more detail than had ever been done before, or has ever been done since. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many.

The notion that Mars was a Moon-like nor Earth-like. All considered, the best solution was to go to the Moon. The main benefit of this type of mission was that it would be a good for the near future, and some have been proposed for the distant future: an object that Mars has, or has had, life. More recent analyses of Mars have corrected these observations and have demonstrated that life, as we know it, can develop on Mars.

Watson Magnusson: What Is Our Future On Mars?

by Glenn Tesler

The 1986-1987 Watson Magnusson Lecture Series opened with a presentation by Caltech Professor of Planetary Science Bruce Murray entitled "Mars's Future: A View from the Earth's Library." Magnusson's recent interests in Mars, begun many years ago, were catalyzed by the late nineteenth century scientist Percival Lowell, who built an observatory and, according to Murray, analyzed the surface of Mars in more detail than had ever been done before, or has ever been done since. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many.

The notion that Mars was a Moon-like nor Earth-like. All considered, the best solution was to go to the Moon. The main benefit of this type of mission was that it would be a good for the near future, and some have been proposed for the distant future: an object that Mars has, or has had, life. More recent analyses of Mars have corrected these observations and have demonstrated that life, as we know it, can develop on Mars.

Watson Magnusson: What Is Our Future On Mars?

by Glenn Tesler

The 1986-1987 Watson Magnusson Lecture Series opened with a presentation by Caltech Professor of Planetary Science Bruce Murray entitled "Mars's Future: A View from the Earth's Library." Magnusson's recent interests in Mars, begun many years ago, were catalyzed by the late nineteenth century scientist Percival Lowell, who built an observatory and, according to Murray, analyzed the surface of Mars in more detail than had ever been done before, or has ever been done since. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many.

The notion that Mars was a Moon-like nor Earth-like. All considered, the best solution was to go to the Moon. The main benefit of this type of mission was that it would be a good for the near future, and some have been proposed for the distant future: an object that Mars has, or has had, life. More recent analyses of Mars have corrected these observations and have demonstrated that life, as we know it, can develop on Mars.

Watson Magnusson: What Is Our Future On Mars?

by Glenn Tesler

The 1986-1987 Watson Magnusson Lecture Series opened with a presentation by Caltech Professor of Planetary Science Bruce Murray entitled "Mars's Future: A View from the Earth's Library." Magnusson's recent interests in Mars, begun many years ago, were catalyzed by the late nineteenth century scientist Percival Lowell, who built an observatory and, according to Murray, analyzed the surface of Mars in more detail than had ever been done before, or has ever been done since. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many.

The notion that Mars was a Moon-like nor Earth-like. All considered, the best solution was to go to the Moon. The main benefit of this type of mission was that it would be a good for the near future, and some have been proposed for the distant future: an object that Mars has, or has had, life. More recent analyses of Mars have corrected these observations and have demonstrated that life, as we know it, can develop on Mars.

Watson Magnusson: What Is Our Future On Mars?

by Glenn Tesler

The 1986-1987 Watson Magnusson Lecture Series opened with a presentation by Caltech Professor of Planetary Science Bruce Murray entitled "Mars's Future: A View from the Earth's Library." Magnusson's recent interests in Mars, begun many years ago, were catalyzed by the late nineteenth century scientist Percival Lowell, who built an observatory and, according to Murray, analyzed the surface of Mars in more detail than had ever been done before, or has ever been done since. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many.

The notion that Mars was a Moon-like nor Earth-like. All considered, the best solution was to go to the Moon. The main benefit of this type of mission was that it would be a good for the near future, and some have been proposed for the distant future: an object that Mars has, or has had, life. More recent analyses of Mars have corrected these observations and have demonstrated that life, as we know it, can develop on Mars.

Watson Magnusson: What Is Our Future On Mars?

by Glenn Tesler

The 1986-1987 Watson Magnusson Lecture Series opened with a presentation by Caltech Professor of Planetary Science Bruce Murray entitled "Mars's Future: A View from the Earth's Library." Magnusson's recent interests in Mars, begun many years ago, were catalyzed by the late nineteenth century scientist Percival Lowell, who built an observatory and, according to Murray, analyzed the surface of Mars in more detail than had ever been done before, or has ever been done since. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many. The "little green men" folklore that Lowell developed and popularized continues to hold an attraction for many.
To the Editors:

The TOQR claims that its purpose is to “provide the faculty valuable feedback on the aspects of their teaching, and to assist the students in their selection of courses.” Give me a break! Most of the report is unnecessary and in-appropriate. The TOQR is full of hyperbole and offensive comments that just end up pissing off the Caltech faculty. And the only thing that I, and other faculty, get out of the TOQR is that just end up pissing off the Caltech faculty. And the only thought that I, and other faculty, get out of the TOQR is that

Don’t bring us closer to the recognition? Also, comments between the students and the profs? The God’s Must Be Crazy $1.50 for others

To the Editors:

Having attended Dr. Bayer’s talk on Nicaragua, I found that last week’s article didn’t give a complete picture of what the speaker said. It only quoted some of the speaker’s more reasonable points, and even then only gave a fraction of what he said. First of all, all of his statistics should be doubted. He didn’t clearly state where all of his statistics came from, and they could very well have come from the Sandinista government. He read stats about how many people supported the Sandinista revolution, stats that probably came from the Sandinistas themselves. He quoted the illiteracy rate as dropping from 67% to 10%, but he didn’t say that the Sandinistas would be amazing if it were true, but it’s much more likely that the

ASCI T FRIDAY NIGHT MOVIE

Alfred Hitchcock’s

Tina & Michael

Hair Design

Haircuts, Refreshers, Perm, and Color

1801 E. California Blvd.
Pasadena, CA 91101

(626) 795-2323 ext. 449-4381

Greg Susca

Painting and Wallcovering

Interior and Exterior

(818) 249-5646

License #56757

Special discounts to Caltech community

BAXTER LECTURE HALL
7:30 & 10:00 p.m.
$1 for ASCIT members
$1.50 for others

NEXTR WEEK:

Cat Ballou

THE CALIFORNIA TECH Volume LXXXVIII Number 6
31 October 1986

EDITORS IN CHIEF Jen Peete Alfi & Josh Kurutz

EDITOR IN TUCSON

Josh™ Susser • Nick Smith

EDITORS IN CIDEF

Jennifer Low • Gary Ludlam

PHOTOGRAPHERS

Teresa Griffie - Rosemary Macedo

Josh™ Susser • Nick Smith

Glenn Tesler • Dave Lomax

Sing Ung Wong

TERRA INTL

Altke

JOHN CAIN

PHOTO EDITOR

Michael Keating

CHERRY COLE • LINE EDITOR

Sam Weaver

REPORTERS

Sing Ung Wong

Boyd Chong, Lucy Hu

Ariadne

LAURENS

Joe Francis

Michael Keating

SHARON BURKE

Glenn Tesler • Dave Lomax

THE INSIDE WORLD

Tina Haircuts, Perms, and Color

S. Catalina

Josh™ Susser • Nick Smith

1238 E. WASHINGTON BL • PASADENA

Phone: [818] 249-5646

PASSING SCIENTIFIC & TECHNICAL BOOKS

In the areas of engineering, science, and mathematics

117-51 Winnett Student Center

Visit our store on the

Greg Susca

Pasadena, California 91125

Phone: [818] 356-6154

THE CALIFORNIA TECH

107-51 Winnett Student Center

California Institute of Technology

Pasadena, California 91125

Published weekly except during exam and vacation periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are generally those of the Associated Students and do not necessarily reflect those of the California Institute of Technology. Letters and announcements are subject to editing or deletion. Include the author’s name and phone number and the date and time of publication. The editors reserve the right to abridge letters for expediency or for news value. Also, unless requested not to, the editors feel like there.

Letters to the Editors: 4:30-5:00 PM. Monday-Friday.


to the TOQR if it continues to libel the Caltech faculty. And the only thought that I, and other faculty, get out of the TOQR is that

Don’t bring us closer to the recognition? Also, comments between the students and the profs? The God’s Must Be Crazy $1.50 for others

To the Editors:

Having attended Dr. Bayer’s talk on Nicaragua, I found that last week’s article didn’t give a complete picture of what the speaker said. It only quoted some of the speaker’s more reasonable points, and even then only gave a fraction of what he said. First of all, all of his statistics should be doubted. He didn’t clearly state where all of his statistics came from, and they could very well have come from the Sandinista government. He read stats about how many people supported the Sandinista revolution, stats that probably came from the Sandinistas themselves. He quoted the illiteracy rate as dropping from 67% to 10%, but he didn’t say that the Sandinistas would be amazing if it were true, but it’s much more likely that this is a gross exaggeration by the

SANDINISTAS

He quoted lists and lists of civilian casualties, but when he was asked in a TV interview to check the figures, he said, “No, I didn’t... That’s a legitimate question... But the figures...” It’s very obvious that they’re probably big understates.

He went on to say that his “proof” for his “feelings” was to go to a visit in Nicaragua and to ask about casualties, then multiply that figure by some factor to arrive at the conclusion. But to be honest, that whole off, he said that it’s better to assume disinformation on the part of the

on the page 4
Points Taken

To the Editors:

I would like to thank Professor John Brown for his response in the Classical Style [Letters, 24 October] to my "Dabney Inside World" Column of 17 October. His points are well taken and, were, in fact, well taken before the column was submitted.

Incidentally, it is rare to find an "Inside World" column signed with the author's true name. The true names are, however, listed every week in the masthead.

-- Alex Gilman

Dabney

Blacker: Did you ever realize how much Eric Hassenzahl looks like Ted George?

Thanks to a sudden demand for fresh meat, we now have enough money for a pyramidal or two. The Flenis may have gotten Nancey, but Cliff Brennan got the shirt. Our nouveau riche-ness was still evident — over Kiser's head ...

Henderson?

The score so far: The Master, 4, frosh, 0.

Did you ever realize how much Margi Pollak looks like Lisa Henderson?

Dabney: Look out, Wimp House! The unequaled Caltech Soccer Machine is rev-rev-revvin' up for another season of handing out sunshine, humiliation and utter defeat to anyone who dares cross our path. Says our brilliant organizer, Todd "God" Kaplan (who is attending Caltech on a soccer scholarship), "I can't wait to see the look on Page House's face." Leading the offense will be that man with magic feet, yes, that's right, Diego "Danny" Maradona. In center midfield, the omnipresent, omnidirectional Oscar "Soccer is my life, soccer is my wife" Duran and the ball with the precision that is the Guatemalan soccer tradition. Our defense, as always, shall weave an impenetrable "Net of Death," coordinated by the great Russian superstar, Paul "Great Wall of China" Kiser, and our world-class goalie, Dan "The Fly" Harrison.

So watch out, you pretenders. If you know what's good for you, you'll have those cleats bronzed today. Take heed! We do not wish to bring grief to our fellow students, but when it comes to soccer, mercy is out of the question.

"Hank" Black, Glendale

Fleming: Once again this year, Fleming is well on its way to capturing the Interhouse trophy, with a convincing sweep of softball. It's not hard to believe. Be ready for a gargantuan effort beginning this week.

-- Alex Gilman

Inside World

The column was fact, well taken before the column was submitted.
This Is What Happens When You Start To Franchise Foreign Policy

Eugene Hasenfus, the captured Hellenic officer, was the subject of much debate. In an article from the New York Times, a critic wrote:

"In Manila, more than 20,000 asserted that he was "not engaging in politics" but upholding democracy, many critics believe that he is merely using the Communist threat as an instrument of Aquino. Aquino's weekly rallies followed a widening rift between Aquino and her powerful Defense Minister—who helped her to power in the Church-backed military revolt in February—which threaten to weaken or destroy the nations ruling coalition formed when deposed President Ferdinand Marcos fled into exile.

It was also pointed that Enrique had reappeared. Several thousand in the crowd at the rally were Marcos loyalists. Amid stimulating signs of "Vigilantes Against Communism", President Marcos fled into exile.

The sale was auctioned by Bernie Santarsiero, to whom Drehwing expressed many thanks. Santarsiero and his orange shirt were sold to Brenzen at the end of the night. The $780 raised by the auction was needed by Blacker to pay for its Internouse. The house and the Pacific region have been turned into debt because of ridiculous housing office charges," according to treasurer Dave White.

The sale was auctioned by Bernie Santarsiero, to whom Drehwing expressed many thanks. Santarsiero and his orange shirt were sold to Brenzen at the end of the night. The $780 raised by the auction was needed by Blacker to pay for its Internouse. The house and the Pacific region have been turned into debt because of ridiculous housing office charges," according to treasurer Dave White.

The sale was auctioned by Bernie Santarsiero, to whom Drehwing expressed many thanks. Santarsiero and his orange shirt were sold to Brenzen at the end of the night. The $780 raised by the auction was needed by Blacker to pay for its Internouse. The house and the Pacific region have been turned into debt because of ridiculous housing office charges," according to treasurer Dave White.
Working Together: Director and Students Run Y

by Amanda Heaton

What's the Y? Although everyone seems to know what it is, few know the Y's obvious activities and services, from hiking trips to beach parties to organizing the student government, the ExComm. Some students know about the Y's actual structure and history.

"I chatted with a few friends I had not seen in a while and discovered that I need to talk to other scientists rather than talk exclusively to, say, business executives. I would probably go just as crazy if I could not talk to another scientist as I was able to talk to another gay person.

Well, now that I know that I need to talk to other people when I like me in a way different from the way most of my friends are like me, what do I do? Caltech has an amazingly low percentage of gays, or at least I was not aware of them. Of the undergraduates, maybe 2-3 percent are out. Compared to the expects, that means there are probably no gays in your group in Hollywood. These raps were a great way to meet gay people and talk to them. After a few months, the ever-recycled topics became boring. It seems that every other week we got to talk about coming out again.

I was pleased to find that the Gay and Lesbian Discussion Group was unlike any other rap I had been to. For one thing, there were lesbians there. I really like being with people of the same sex. Fourteen of us attended, half were women (and half were men). Also, Caltech a structure on the discussion that prevented it from becoming a one-upping free-for-all.

The GALD held its first meeting on Tuesday at 7:30 p.m. I was unfamiliar with the campus, but the first to arrive at the lounge of the Young Health Center. Donuts and juice were provided, and there were enough comfortable chairs for everybody. There were a few graduate students present, more graduate students and some faculty members, but not too many. Some of the people I already knew from CLAGS, some I knew but had not seen in a while, and I had never met before.

I chatted with a few friends I had not seen in a while and was ready to start the discussion. He began by telling us about the organized group. The GALD was created not just for gays and lesbians, but for the students, neighbors, co-workers and others who just happen to be interested for whatever reason. He said he felt the group was needed for reasons someone described above. He asked us to respect the privacy of others in the group by not talking about who was at the meeting to those who were.

We started the discussion part of the discussion with introductions. Each of us told the others what we were and what we did at Caltech.

Kahl had a bad moment when Kahl announced that the topic for the evening was “coming out.” The evening was coming out. The coming out group has been doing over a dozen times, and I myself have been over a dozen times on this subject. But coming out is not easy, and it turned out to be a good change for the discussion.

Kahl gave us some rules to provide a structure for the discussion. The structure we used is often called the "consciousness raising" process. The rules are pretty simple:

1. Speak in the first person from your own experiences.
2. Talk for as long as you need to.
3. Don’t interrupt. Don’t comment on what others say unless it directly relates to the discussion.

It may seem at first that these rules would preclude any kind of continued on page 4

Kahl Starts Gay and Lesbian Discussion Group

by Michael Mouse

I rediscovered something very basic about Caltech: there is a need for gay and lesbians to feel comfortable discussing things. This discovery led me to talk to other scientists rather than talk exclusively to, say, business executives. I would probably go just as crazy if I could not talk to another scientist as I was able to talk to another gay person.

Well, now that I know that I need to talk to other people when I like me in a way different from the way most of my friends are like me, what do I do? Caltech has an amazingly low percentage of gays, or at least I was not aware of them. Of the undergraduates, maybe 2-3 percent are out. Compared to the expects, that means there are probably no gays in your group in Hollywood. These raps were a great way to meet gay people and talk to them. After a few months, the ever-recycled topics became boring. It seems that every other week we got to talk about coming out again.

I was pleased to find that the Gay and Lesbian Discussion Group was unlike any other rap I had been to. For one thing, there were lesbians there. I really like being with people of the same sex. Fourteen of us attended, half were women (and half were men). Also, Caltech a structure on the discussion that prevented it from becoming a one-upping free-for-all.

The GALD held its first meeting on Tuesday at 7:30 p.m. I was unfamiliar with the campus, but the first to arrive at the lounge of the Young Health Center. Donuts and juice were provided, and there were enough comfortable chairs for everybody. There were a few graduate students present, more graduate students and some faculty members, but not too many. Some of the people I already knew from CLAGS, some I knew but had not seen in a while, and I had never met before.

I chatted with a few friends I had not seen in a while and was ready to start the discussion. He began by telling us about the organized group. The GALD was created not just for gays and lesbians, but for the students, neighbors, co-workers and others who just happen to be interested for whatever reason. He said he felt the group was needed for reasons someone described above. He asked us to respect the privacy of others in the group by not talking about who was at the meeting to those who were.

We started the discussion part of the discussion with introductions. Each of us told the others what we were and what we did at Caltech.

Kahl had a bad moment when Kahl announced that the topic for the evening was “coming out.” The evening was coming out. The coming out group has been doing over a dozen times, and I myself have been over a dozen times on this subject. But coming out is not easy, and it turned out to be a good change for the discussion.

Kahl gave us some rules to provide a structure for the discussion. The structure we used is often called the "consciousness raising" process. The rules are pretty simple:

1. Speak in the first person from your own experiences.
2. Talk for as long as you need to.
3. Don’t interrupt. Don’t comment on what others say unless it directly relates to the discussion.

It may seem at first that these rules would preclude any kind of continued on page 4
Twisting the Rope – Frustrating

by Nick Smith

Twisting the Rope by R. A. McAvoy

Most of this book is great. That is one of the most frustrating things to find out about a book, especially if the remaining fractions is bad.

Twisting the Rope, in addition to being the name of the novel, is the English translation of a well-known Gaelic tune. It refers to an old custom of young lovers forming a rope out of grasses. In this case, it's also basis of a fantasy/murder mystery that involves ropes at every twist.

Twisting the Rope is sequenced to Tea With the Black Dragon, a wonderful novel that involved a former classical musician, a couple of Silicon Valley computer wizards, and an elderly oriental fellow who is also the reader learns, an imperial Chinese dragon in his spare time. Tea won all sorts of awards for the author, and is one of the few things that can get Zen buffs and computer hackers into the same conversation. McAvoy also wrote a good non-related book called The Black Dragon, a crossover fantasy involving modern times and ancient Ireland. But twisting the Rope has good ancestry going for it.

The book starts out with a convention this weekend at the Pasadena Hilton. It's called Fantasy Faire, and is a long-established small convention that's comfortable for all. If you have time to go over, the convention features films, panel discussions, a sales room of good SF stuff, and some interesting performance entertainment. It starts Friday afternoon, and runs through Saturday and Sunday. I don't have the prices for at-the-door memberhips, but it's a few dollars for a single day, more for the whole weekend.

Incredible Anna Russell comes to Beckman

Anna Russell satirizes opera like no one else! In her final Pasadena appearance before retiring, Ms. Russell performs from November 1 at 8 p.m. in Beckman Auditorium.

Described as the world's funniest woman she is the prima donna of parody, an offbeat phenomenon who eludes convention. As described by a one-statehouse man Brundibí and Mimi's mockery. Don't miss her special rendition of Wagner's 'The Ring of Nibelung' and you'll never hear a more enjoyable version of 'The Ride of the Valkyrie.' CIT student tickets to Anna Russell are priced at $5.50; Tech, $7.50. Rush tickets go on sale the day of the show for $6.00 each. CIT faculty and staff tickets for Anna Russell are priced at $20.50, $18.50-15.50 for advance sales and 'Techtix' - half price tickets ($11.25-10.00-8.75) will be available on Friday from noon to 4:30 p.m. by visiting the ticket office just north of Beckman Auditorium.

Tonight, the Youth Goodwill Dance has been canceled due to low ticket sales.
Pumpkin Drop
- The History Revealed

by Jennifer Low

Once again frozen squash will drop from great heights. Time to verify g, the acceleration of gravity. TIME TO OBSERVE THE GREAT BLUE FLASH. Yes, All Hallow's Eve has come to Caltech.

Tonight at midnight this venerable celebration commenced, the first of its kind on campus. Two 10 pound pumpkins frozen for half a dozen hours in liquid nitrogen were dropped from the roof of Milikan library. The flash of light was supposed to occur upon impact. The flash is rumored to be similar to chewing "Wint-O-Green" Lifesavers in front of a mirror. The flash of light was supposed to occur upon impact. No one has seen the blue flash in the last three years. Huntington and Huntingdon think it is because the pumpkins have not been frozen long enough. Today the pumpkins will be frozen at least four times as long as in previous years. "If we don't get a blue flash this time, I seriously don't think a blue flash occurs," adds Harrison.

The pumpkin drop is subsidized by Dabney House and certain responsible authorities," says Harrison. The pumpkin, frozen at 77K in liquid nitrogen, resembles coarse ceramic before the drop, and shatters like glass upon the pavement below. Huntington wonders what B&G thinks of the pumpkin shards around campus afterwards.

Says Tim Allen, Dabney House president, "It's highly overrated but it's good fun. I shouldn't watch, but it's very entertaining." What else is there to do at midnight on Halloween? But the obsession seems to be on the blue flash, since, as Harrison says, "I trust the g's have been working out accurately already." "I think the chances this year are better than other years and no one wants to see it more than us," adds Huntington. Just remember, no flash photograph.

More Inside World

from page 4

Page: Hi Ho Hi Ho in is of to the beach we go. Fun, fun, fun in the sun was not to be found. Rather we took a BEACH TRIP TO HELL! Next time we'll take two vans. Beck doubted the law of inertia - but Newton reigns supreme. F=MA, just ask Felix.

Mega, Mets, Monster TV. We can take it back now. Maybe we'll keep it to watch adult videos. Make biguns bigger. Fleming would get one too, but how big can you make two inches look, Ed?

Silly frosh, where's the bell, really? Gee, Lloydees, not having a football challenge, on Sunday. The Lloydees have about as much chance as Felix.

Red Snow happens Sunday night, or when ever Beck drives in from page 4. After the picnic at 1:00 PM, we play Lloyd in a discobolous game. Anywhere will have probably broken something by today. Build In terhouse, Frosh. More Schaefer. Lower Arlington drinks Schaefer. Larry drink's Bob's beer. "I wonder what across the street? I guess I'll go look..."

Ricketts: Happy Halloween. This evening you can (in costume) to the Frame House to trick-or-treat on your way to the BYOB party at Richard's... or you can go to Phoenix. Oh yeah, don't forget TWBM.

Speaking of midterms, here's the mid-term frosh report: High speed work at Snerk, primarily out of the football room. There have been a number of trials in sketchy in Snerk, but reliable sources say that most of them are in question. There is no flash in question are bridge players, not Bridge dwellers. Aye, me hearties, we've got a theme for Interhouse with two whole terms. Avast, ye Scurvey Scum!

-Terrance Andrew Brown!
Excellent Juniors?

The American Society for Engineering Education is now offering a $1,000 scholarship to any junior or senior undergraduate student who is a U.S. citizen and has a cumulative grade point average (GPA) of 3.7 or above. To apply, students must submit a completed application form along with a copy of their transcript to the American Society for Engineering Education, 1818 Library Lane, Suite 900, Reston, VA 22091-1578. The deadline for applications is January 15, 1987.

Naval Scholarship

The American Society of Naval Engineers is offering a $1,750 scholarship to any junior or senior undergraduate student who is a U.S. citizen and has a cumulative GPA of 3.0 or above. To apply, students must submit a completed application form along with a copy of their transcript to the American Society of Naval Engineers, PO Box 1029, Newport, RI 02840. The deadline for applications is January 15, 1987.

And EE Scholarships

The Northrop Corporation has established a $3,000 scholarship for any undergraduate student who is majoring in electrical engineering at a four-year college or university. To apply, students must submit a completed application form along with a copy of their transcript to the Northrop Corporation, PO Box 1029, Newport, RI 02840. The deadline for applications is January 15, 1987.

SATURDAY AND SUNDAY
SUPER WEEKEND SPECIALS

**ALL YOU CAN EAT PIZZA** $3.99
**ALL YOU CAN EAT SPAGHETTI** $3.19

**SATELLITE SPORTS TELEVISION**

- **WORLD SERIES**
- **USC**
- **UCLA**
- **FOOTBALL**
- **RAMS**
- **RAIDERS**
- **KINGS**
- **LAKERS**
- **BOXING**

**ALL YOUR FAVORITE SPORTS**

-To Go Orders****

1443 E. Colorado Blvd. (at Hill Ave.) across from PCC
OPEN DAILY 10 AM TO 10 PM FRI./SAT. TILL MID-NITE

VALUABLE COUPON

FREE DELIVERY

$5.79 - 580

**ALL YOU CAN EAT PIZZA**

$2.00

**ALL YOU CAN EAT SPAGHETTI**

$1.00

OFF ANY 16" LARGE PIZZA

OFF ANY 12" MEDIUM PIZZA

CALIFORNIA TECH FRIDAY, OCTOBER 31, 1986

WHAT GOES ON
Soccer Party Wednesday

This Wednesday, Caltech will host the Whititer Poets in the final Beaver home game of the season. At this point the Beavers are 6-5-1 in overall play this season.

To celebrate the Beavers’ successful year, ASCIT is sponsoring refreshments for the match. All Caltech soccer fans and refreshment-lovers are invited to the match to root the Booting Beavers on to a winning league record for the year.

Figure 5. Acquisition of an oncomere by Drosophila larvae. (After Brock, Arch. Entwicklungsmech. Organ., 110 (1957), 386-393.)

If you know your buns, you could put them on this baby.

Win a Honda Elite® 150 Deluxe® Scooter from In-N-Out Burger.

Introducing the absolute easiest quiz you'll take all year. And the only one that gives you a chance to win a totally cool red Honda Elite 150 Scooter for getting the right answer.

If you don't know, feel free to cheat. (Cramming is allowed if it's an In-N-Out Burger location.) Just put your answer on the entry form below (or print all the info on a piece of paper) and drop it off at any In-N-Out Burger before midnight, November 17th.

Booting Beavers Bounced

Beaver home game of the season. At this point the Beavers are 6-5-1 in overall play this season.

To celebrate the Beavers’ successful year, ASCIT is sponsoring refreshments for the match. All Caltech soccer fans and refreshment-lovers are invited to the match to root the Booting Beavers on to a winning league record for the year.

Soccer Party Wednesday

This Wednesday, Caltech will host the Whititer Poets in the final Beaver home game of the season. At this point the Beavers are 6-5-1 in overall play this season.

To celebrate the Beavers’ successful year, ASCIT is sponsoring refreshments for the match. All Caltech soccer fans and refreshment-lovers are invited to the match to root the Booting Beavers on to a winning league record for the year.
Beavers Beat Leopards
In Final Minutes
— Broncos Next Victims

by Mike Lupica

In the waning minutes of the fourth quarter, the Caltech Battlin' Beavers football team scored the only touchdown of the game in a stunning defeat of the University of La Verne Leopards here last Monday. It was the first game of their inter-collegiate schedule which continues against the Cal-Poly Broncos here tomorrow.

Coming off a big shut-out win on the road against the Rio Hondo Leadership Academy on 11/19, the Beavers went into the Monday afternoon game with confidence. When the Caltech offense ran into trouble in the early minutes of the first quarter against the tough LaVerne team, the emphasis of the game shifted to defense.

In this aspect of the game, the tenacious Beaver squad really excelled. At one point in the second quarter, the Beavers stuffed a Leopard drive inside their own ten yard line with a fumble recovery to keep the game scoreless.

As always, the team counted on their veteran defensive ends Daren Casey and Steve Roskowski, and their confident secondary including Don "Dr. Doom" Thomas (SS) and Larry Meeks (DB) to keep the talented LaVerne quarterback scoreless. Though standing some six-and-a-half feet tall, the enemy QB suffered in the face of this defensive onslaught, which included the awesome sink tackle of defensive tackle Bill "Bonecrusher" Blye.

"If they don't score, they can't win!" was the motto as the battered Beavers headed for the locker room at halftime locked in a scoreless tie. But they would have to score themselves if they were to extend their string of victories to seventeen.

To the capacity crowd of 74 fans, the third and fourth quarters looked much like the first half. With just two minutes remaining on the clock, the Beavers most ambitious drive of the day stalled on the 40 yard line.

All eyes were on Dave Brinza (DT/OL) as the Beavers attempted a 47-yard field goal in what appeared to be their last chance to gain a victory. The attempt fell short and the Leopards recovered.

They began carefully, attempting to move the ball up field against the enragcd defense.

It was the season's game of football, distilled to its most elemental form, that one must never say die. When the tackling dummies are behind you with the wind-sprints yet to come, when your face-mask fills with sod under the weight of your opponent, when you've fought it out in the trenches for nearly an hour only to have sweet victory snatched from your grasp, you must never give up.

With 1:46 to go in the game, in the true spirit of the gridiron hero, Caltech Defensive Back James Storms pulled down an enemy pass for an interception of destiny. The Caltech offense would not be denied this time, and three plays later tailback Vince Riley plucked the ball in for the only touchdown of the conference.

With this victory, the Caltech Football Team's record stands at 4-0. With nearly half their season over, the Beavers face their toughest opponent of the year tomorrow when the Cal-Poly Broncos come to Caltech for a 1:00 pm kickoff. This game is always the most challenging of the season, both emotionally and physically.

The Bronco team is drawn from an enormous pool of Cal-Poly students, and looks for the opportunity to dominate their smaller opponents. With just four days of rest and practice since their Monday game, the Caltech team must stay up for the challenge. The attendance of the Caltech community would be greatly appreciated as the Beavers attempt to maintain their reputation for excellence in both athletics and academics.

Runners Set Personal Bests

by Speed Demon

Last Saturday the men and women harriers of Caltech traveled to Pomona-Pitzer's campus to take on the Claremont-Mudd-Scripps Stags and Pomona-Pitzer's Sage Hens. It sort of makes you feel naked without a hyphen in your name, but we persevered despite a few goose bumps on our bods.

Seriously now, both men's and women's teams have been making tremendous progress of late. Earlier in the season we could have mailed in the scores against these two teams and saved ourselves the effort of competing. But a funny thing happened on the way to the upcoming Conference Championship—our teams became increasingly competitive with each passing week.

The men's race went off first, and the Orange Crush hung back while Pomona and Claremont killed each other off. Whose idea was that anyway?

As the race progressed, Caltech began to take charge during the second half of this five-miler. According to the latest statistics compiled by Coach Jim O'Brien, 20 of our 23 men ran their best times of the season. He was quick to note that he fully expected this result, since Pomona's course is the flattest we encounter all season.

The Times

Despite losing to both teams, we managed to slip three runners into both Pomona's and Claremont's top seven. With John Gehr ing leading the charge (as usual) in 27:12, and Alex Alamanopoulos and Mike Jensen streaking in with times of 28:52 and 28:53 respectively, we had the competition shaking in their Nikes (Converses?).

Also turning in good performances for the Beavers were John Beck (30:05), Ray Hu (30:19), Darin Acosta (30:46) and Jeff Willis (30:48). Chuck Lee was given the day off to rest his aching shins and start getting psyched for Margi Pollack (25:10) and Bibi Choksi (28:30), Dee Morrison (28:40) and Miriam Ye (31:47) all raced very effectively, as is our top five runners.

This was a breakthrough race for our women's team, as seven of our nine runners raced to their best times of the season. It was at this particular race that the team realizes they could be competitive if only they could be prepared mentally and then go after success. Let's hope they can carry this feeling through to the SCIAC championships this weekend!

WEEKLY SPORTS CALENDAR

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Sport</th>
<th>Opponent</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri.</td>
<td>10-31</td>
<td>2:30 pm</td>
<td>Soccer</td>
<td>Pomona-Pitzer</td>
<td>Pomona-Pitzer</td>
</tr>
<tr>
<td>Fri.</td>
<td>10-31</td>
<td>5:00 pm</td>
<td>Women's Volleyball</td>
<td>Whittier JV</td>
<td>Whittier</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-1</td>
<td>9:30 am</td>
<td>Cross Country</td>
<td>SCIAC Championship</td>
<td>La Mirada Park</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-1</td>
<td>10:00 am</td>
<td>Water Polo</td>
<td>Whittier</td>
<td>Whittier</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-1</td>
<td>11:00 am</td>
<td>Soccer</td>
<td>The Masters College</td>
<td>The Masters College</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-1</td>
<td>1:00 pm</td>
<td>Fencing</td>
<td>Cal State Long Beach</td>
<td>Occidental</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-1</td>
<td>3:00 pm</td>
<td>Footy Cowboys</td>
<td>Claremont</td>
<td>Claremont</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-1</td>
<td>2:00 pm</td>
<td>Women's Volleyball</td>
<td>Caltech-Mudd-Scripps JV</td>
<td>Caltech</td>
</tr>
<tr>
<td>Wed.</td>
<td>11-5</td>
<td>2:30 pm</td>
<td>Soccer</td>
<td>Whittier</td>
<td>Caltech</td>
</tr>
<tr>
<td>Wed.</td>
<td>11-5</td>
<td>4:00 pm</td>
<td>Water Polo</td>
<td>Caltech</td>
<td>Caltech</td>
</tr>
<tr>
<td>Wed.</td>
<td>11-5</td>
<td>9:45 pm</td>
<td>Hockey</td>
<td>Cal State Northridge</td>
<td>Cal State Northridge</td>
</tr>
<tr>
<td>Thu.</td>
<td>11-6</td>
<td>7:30 pm</td>
<td>Women's Volleyball</td>
<td>Christ College</td>
<td>Christ College</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-8</td>
<td>10:00 am</td>
<td>Water Polo</td>
<td>SCIAC Western Division</td>
<td>Caltech</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-8</td>
<td>11:00 am</td>
<td>Soccer</td>
<td>Christ College</td>
<td>Christ College</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-8</td>
<td>1:00 pm</td>
<td>Fencing</td>
<td>San Diego State</td>
<td>UCLA</td>
</tr>
<tr>
<td>Sat.</td>
<td>11-8</td>
<td>1:30 pm</td>
<td>Football</td>
<td>San Fernando Valley Lancers</td>
<td>Antelope Valley Col.</td>
</tr>
</tbody>
</table>
FINALLY A FREE FLIGHT PLAN JUST FOR STUDENTS.

YOU WON'T GET A BREAK LIKE THIS ONCE YOU'RE OUT IN THE REAL WORLD.

INTRODUCING COLLEGIATE FLIGHTBANK, FROM CONTINENTAL AND NEW YORK AIR.

If you’re a full-time student at an accredited college or university you can join our Collegiate FlightBank.* You’ll receive a membership card and number that will allow you to get 10% off Continental and New York Air’s already low fares. In addition, you’ll get a one-time certificate good for $25 off any domestic roundtrip flight. Plus, you’ll be able to earn trips to places like Florida, Denver, Los Angeles, even London and the South Pacific. Because every time you fly you’ll earn mileage towards a free trip. And if you sign up now you’ll also receive 3 free issues of BusinessWeek Careers magazine.

This Porsche 924 can be yours if you are the national referral champion.

SIGN UP YOUR FRIENDS AND EARN A PORSCHE.

But what’s more, for the 10 students on every campus who enroll the most active student flyers from their college there are some great rewards: 1 free trip wherever Continental or New York Air flies in the mainland U.S., Mexico or Canada. Or the grand prize, for the number one student referral champion in the nation: a Porsche and one year of unlimited coach air travel.

And how do you get to be the referral champion? Just sign up as many friends as possible, and make sure your membership number is on their application. In order to be eligible for any prize you and your referrals must sign up before 12/31/86 and each referral must fly 3 segments on Continental or New York Air before 6/15/87. And you won’t only get credit for the enrollment, you’ll also get 500 bonus miles.

So cut the coupon, and send it in now. Be sure to include your current full time student ID number. That way it’ll only cost you $10 for one year ($15 after 12/31/86) and $40 for four years ($60 after 12/31/86). Your membership kit, including referral forms, will arrive in 3 to 4 weeks. If you have a credit card, you can call us at 1-800-255-4321 and enroll even faster.

Now more than ever it pays to stay in school.

Or the grand prize, for the number one student referral champion in the nation: a Porsche and one year of unlimited coach air travel.

And how do you get to be the referral champion? Just sign up as many friends as possible, and make sure your membership number is on their application. In order to be eligible for any prize you and your referrals must sign up before 12/31/86 and each referral must fly 3 segments on Continental or New York Air before 6/15/87. And you won’t only get credit for the enrollment, you’ll also get 500 bonus miles.

So cut the coupon, and send it in now. Be sure to include your current full time student ID number. That way it’ll only cost you $10 for one year ($15 after 12/31/86) and $40 for four years ($60 after 12/31/86). Your membership kit, including referral forms, will arrive in 3 to 4 weeks. If you have a credit card, you can call us at 1-800-255-4321 and enroll even faster.

Now more than ever it pays to stay in school.

*Some blackout periods apply for discount travel and reward redemption. Complete terms and conditions of program will accompany membership kit. Certain restrictions apply. Current full time student status required for each year of membership. To earn any prize a minimum of 12 referrals is required. All referral award winners will be announced by 8/1/87. 10% discount applies to standard U.S. travel only. Students must be between the ages of 16 and 25. Porsche 924 registered, license fees, and taxes are the responsibility of the recipient. © 1986 Continental Air Lines, Inc.

CONTINENTAL & NEW YORK AIR
CaffeHouse Closed
The CaffeHouse will be closed Friday night (tonight), so that the managers and waiters can go out and party. Happy Halloween!

Que at noon Update
This week's update in progress over—almost—all the spokes and goblins, not to mention witches and warlocks, are planning to create yet another memorable All Hallows' Eve! But why wait till tonight? Wipe up! Come to the Y's Noon Concert—today on the quad. Who's paying, innocent sounding, as if the name really mattered. As if a quality ensemble were not always selected for performance. Well today it does matter. Today at noon we hear yet another awesome performance. So come and blow us away with their new, updated, and updated version of the Y's. Come for your lunch and listen to a great Y's sound production! Now!

1st Logic Pizza Party
West Campus, outside Winnett, Thursday—
Wednesday, November 4th, from 7:30 to 9:00 p.m. There will be a special promotion available to students and faculty of CE and EE are invited to join us.

Classification

Real Estate—

First Time Buyers, Students, Investors
Spectacles, bright, very private
1 BR condominium, beautifully decorated
in Today's colors. $74,500. Also
1340 East Altadena Drive, Altadena,
(818) 992-6966 or (213) 873-3303.
For sale by owner 212 San Pasqual
3 bedrooms $799-

Alterations

Most courteous, economical and efficient service
468 S. Sierra Madre Boulevard, Pasadena
(818) 449-1681

Aparicio Travel

Most courteous, economical and efficient service
For your official and personal travel needs.
(818) 577-8200

Pariam Travel

For an introductory offer a complimentary $50.00
worth of fine dining checks will be offered with the purchase of
$100.00 travel tickets (one per family).

American Book Shop

SPECIAL RATES July 30—August 15
27 NO. CARLINA, PASADENA
Open Tues.-Sat., 9 A.M.-5 P.M.

College Fiction Contest

Playboy magazine is now accepting entries to its annual College Fiction Contest, open to all registered college undergraduate and graduate students. The winning writer of this competition will be awarded $3,000 and publication of the winning story in the October issue of Playboy magazine.

Intel Presentation

The LSI Logic Corporation will give a presentation this Monday, 3 November, from 7:00 to 9:00 p.m. in Winnett Lecture Hall. Representatives will discuss plans concerning employment opportunities. Students majoring in EE, CS, ME, Chern.

Intel Information Day

An Intel information day presented by Intel Corporation will take place on Monday, 3 November, at 2:00 PM in the Enterance Pavilion. Latecomers will not be admitted.

Road Hockey

The Caltech Canadian Club is starting its 1987-88 road hockey season on Saturday, November 7. The festivities begin at 8:00 PM and last until 10:30. Beginners should come and learn all the right moves. Refreshments will be provided, so grab your skates or your friend and come find a partner tomorrow at Dunbeley Hall. See ya there all!

Sam Custom Tailor

49 North Altadena Drive
Pasadena
(818) 793-2582

Altered Alterations

Special Rate for Caltech/JPL community

Indians Movies Saturdays

Video movies from countries the students
in the course in the Student Center will be shown in the Y Lounge (second floor of Winnett Center) every Saturday starting November 6, 1988. The movies will start at 8:00 p.m. Some of the movies may have English subtitles. The movies are open to everyone and are free to Caltech students. Questions to Deven Kalra, x4070.

The California Tech is published weekly during examination and vacation periods by Associated Students of the California Institute of Technology, Inc.

All Halloween Party!

Calendar and the Athenaeum Rathskeller's Third Annual Halloween Party. Costumes are a must all costumes are eligible to win prizes and free treats. There will be Dracula Punch, special beer prices from 9-11 PM, Tostada and Pasta bars from 6-9PM, and lots of music and dancing!!! Come join the fun.

Members and guests only please. [No undergrad riff-raff — Ed.]

$120,000!

For all you aspiring investment bankers out there, now's your chance to get some hands-on experience in buying and selling stocks by joining the Caltech Student Investment Fund (SIF). The SIF is a portfolio of stocks, bonds and cash presently worth about $120,000 which is managed by Caltech (undergrad and grad) students. Decisions are completely under the control of the student board, which meets on a weekly basis to discuss current investments and long-range strategies. If you are interested in participating for the SIF is in interest: anyone wanting to learn more should contact Wesley Boudin, Chairman (x8753) or Alex Becker, Vice-Chairman (449-2565).

Straighten Those Knees!

Walkers Club of Los Angeles holds a Walking Clinic at the Caltech Track every Thursday evening at 6 p.m. Walkers at all levels are welcome. Racewalking is good aerobic exercise that is not hard on your joints, it’s fun, and it’s free!

And for those who really want to compete, the Rockport Grand Walk, featuring the American, known as the real all-weather walking team, will take place tomorrow—Saturday, November 7 at the Rose Bowl. Lest you should be intimidated, the Grand Walk also includes “All Others” race and a 5K Fitness Walk. If you want to compete, you want to walk all the way or walk all over, or are merely curious, come out some Thursday or call (818) 577-2747 for more information, or contact Kate Hutton at 252-21 (x6959).

Folk Volunteers?

The Caltech Folk Music Society is looking for volunteers to help set up for concerts, move chairs, clean up, and help with anything else you can think of. For your help, you will get free admission to our concerts. If interested, call Rex Mayreis at 793-8775 or write to the Folk Music Society at 138-

Continued on page 8