New Ascit Hero; Old Ascit Retreat

The New: Tim Brazy
Misunderstanding Cleared Up

MARC’S STORY

Despite my struggles and protests, the Flems soon had me under control and on my way to the pond. Half way there, two of them exchanged the full nelson they had on me. Shortly thereafter (at about Thomas), a sharp tearing pain started developing in my left shoulder as the new hold was exerted. I cried out about my arm and struggled futilely to relieve the pressure. The Flems momentarily loosened the hold and enquired as to my agony, but to no avail. The pain continued to grow worse as I was carried the remaining distance to the pond, complaining all the way.

At Baxter Pond, I was unceremoniously dumped in and was spared further injury thanks to a soft muddy bottom. Upon standing up, I flung an armful of mud toward the few remaining Flems and staggered out of the pond clutching my arm.

After a short distance a Flem made physical contact with me and started cursing me out. I, having already been unexplainably attacked once that evening, instinctively went into a defensive crouch. He responded similarly and we cautiously parted our own

The Old: Andy Gellman

DAVE’S STORY

At about 2:30 am on Friday night (Feb. 6th) about 90 Flems returned to campus with the cannon. After we parked it, about 30 of us went sing through the other houses.

When we returned to Fleming we were hit with eggs thrown from the direction of Lloyd. About 15 to 20 members of the Fleming group turned and started toward Lloyd. The Lloydies at ground level who hadn’t thrown eggs but had been chanting ran inside of Lloyd. The eggs had come from the roof.

Marc Buffet was in the area and had been watching but didn’t know any eggs had been thrown. He thought the Flems had turned around because of the Lloydies on the roof who were using fire extinguishers. The Flems thought Marc was part of the egg throwing group. He was in fact innocent.

He only had time to tell us he was not a Lloydie before we grabbed him. To us it didn’t want to be showered as they wrestled me onto the ground.

did not stop when he declared he didn’t want to be showered or ponded, because we were convinced of his guilt. The whole time he never declared his innocence because he didn’t even know what he was being ponded for.

About halfway there he complained of discomfort and pain in one of his arms. When we loosened our holds he was faking an injury as a ploy to be able to break loose. He was actually struggling to

(CNF)—In the final runoff election last Friday, Tim Brazy managed to pull out a narrow victory over Sue VandeWoode for the ASCIT presidency, but will not be able to assume office this term, due to an arm injury he suffered while shoveling snow during the Christmas break at his home in Wisconsin.

At the time, he felt it was a muscle pull. Not until last Saturday did he realize it was something more serious, and doctors confirmed that the back injury was affecting the motor nerves of his legs. Thus, he decided to go home to recuperate, which may include an operation and a month of traction, but he expects to be back by end of March. On the winning of the presidency, he felt that he “ran against excellent opponents,” and because of the injury and his graduation this year, he has the “time and energy to spend on the office”.

In Brazy’s stead, ex-President Andy Gellman is expected to have his term lengthened until Brazy is able to return.

In other hotly contested races, Steve Chin defeated Juanito Villanueva for ASCIT Treasurer, John Quackenbush beat Evan Colgan for Educational Policies Chairman, Mara Freeman joined Barbara Turpin as the other Director-at-Large, and Scott Bloom/Greg Suchan to win the nod for ASCIT Ath Man.

For pictures and more, see page 9.

To relieve pressure on his left shoulder. When he continued complaining, we asked which shoulder it was that hurt but he couldn’t come up with an answer. We continued to the pond convinced that he was faking an injury. About 3:00 am we put him in Baxter.

I stayed about 15-20 feet from the pond after we put him in to see him stand up. At this point, I instantly became a target for the mud he threw with his uninjured right

continued on page 9
EPISTLES

To Eliminate Malice

The events of last Friday night (as described elsewhere in this issue) were due in part to a continuing pattern of misunderstanding and mistrust between sections of the Caltech community. There has been a tendency on the part of many to ascribe to malice actions which are due instead to other causes. This is exemplified by the fact that would accuse the Greeks of wilful harm in this case, while in fact the original articles what occurred was due to lack of communication and errors in judgment more than anything else. This predilection for distributing factor in the rapid spread of wildly inaccurate rumors throughout the campus. These rumors tend, in turn, to enhance the atmosphere of distrust in a vicious circle which persists until the whole thing blows over, leaving the situation as vague sense of ill-will and that tendency on many parts to feel of apathy, real or imagined, on either side. Feelings of apathy and malice can easily damage the mutual trust which governs all interactions between students here. Such degradation of trust is the most dangerous aspect of the whole situation, as it strikes at the foundations of the entire community. We therefore urge people to think before assuming the worst, to work to eliminate malice and avoid degradation of trust, in view of the dire consequences.

The William Crowe
President, Fleming House
Richard Wilton Reckets

I don't know about you, but that question has run through my head hundreds of times. Do I really want to go back to Caltech? The question is still running through my head today, but I'm afraid that the choice has been taken out of my hands. Dad has told me that the answer is no, as far as he's concerned.

His reasons for this decision are due to his idea of “taking a leave.” I feel that I took the leave to evaluate myself and my goals. I wanted to know if taking classes at Caltech was really worth my while. As a dad, he feels that I am the time for me to make the right decision. The last step, at least as far as he's concerned, was that my role and Ollie G. Jr. feels that I need lots of help to “get my head straight.” He feels that taking a leave is a sign that I require this guidance.

Will Ollie G. Return?

Ike has two choices:
A. I can return to Ohio and take classes at the college of his choice.
B. I can do as I please.

I choose B, an awful lot, but I bet that you neglect to read the ultrafine print.

Well, did I really have a choice? When a parent says something, it’s final, so I can never come back on my word, and asking for some sort of support. If I were brave, I would have try to cut my own, but I hate to burn bridges behind me. Besides, there’s still too much in this world that I don’t know about.

Today, Friday, February 13, is NOON CONCERT EXTRA-
ORDINAIRE. P. Pat Productions, in conjunction with the The Caltech Y, is proud to present, once again, The NAUGHTY SWEETIES. Don’t miss one of L.A.’s hottest acts on noon at the Quad.

Saturday, February 14, is the ASIA MUSEUM TRIP. Spaces are available. Come on up to the Y and find out the details.

Sunday, February 15, is the chance for you to see a Dodgers-
USC game. Again, spaces are available, and there is unlimited transportation provided by the Y. Come on up to the Y office for further information.

Monday, February 16, the sign-up begins for the February 21 SAILING TRIP. Sign-up will be on Monday and Tuesday, with a lottery at 4:30 p.m. on Tuesday, Wigners will be posted on the Y office window. The price is $5.00, but what a bargain!

Tuesday, February 17, is another CAREER COUNSELING SEMINAR. This week’s guest speakers are Willis Drake (’70), president of Teleproducts Corporation; and Glenn Hightower (’72), APh Technological Consulting. Their topic will be “Entrepreneurship.” The program is at 7:30 p.m. in Winnett Lounge.

Wednesday, February 18, is UPDATE time. Today’s guest lecturer will be Dr. Charles Plott, professor of economics. Dr. Plott’s topic will be “Economics As a Laboratory Science.” Be in Clubroom One at noon.

Thursday, February 19, is an EVENING SPOTLIGHT presentation. This feature program will be presented by Paul Conrad. It will be held in Baxter Lecture Hall at 8 p.m., and is open to the public.

Friday, February 20, note that the Y office will be CLOSED. So if you need money for the weekend, you need a Y loan, come on in before then.

Saturday, February 21, is the tentatively scheduled SAILING TRIP. The winners will have been posted on the Y office window last Tuesday (Feb. 17) at 4:30 p.m. Pay by Thursday noon, or else...
Above, Vice President: Ed Lambert
Below, Director of Social Affairs: Gloria Badilla

IHC Chairman: Dave Younge
Treasurer: Steve Chin

ASCIT Secretary: Romney Katti
BOC Secretary: Cheryl Robertson

Left, Activities Chairman: Jay Rickard
Educational Policies Chairman: John Quackenbush

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Stuart I. Folinsky
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San Marino
Phone: 799-0651

L.A. Office:
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SPECIALTIES: SHISH-KABOB, SHAORMA, SOUVLAKI-STEAK
HOMEMADE PASTRIES: BAKLAVA, BURMA, AND NAPOLEONS

For Entire Month of February:
A Free Root Beer Float to Juniors and Seniors

Faculty, Grad Students, Attend!
Mondays and Tuesdays are Beer Days. Buy 1 pitcher, get the second one free!
Holocaust Possible?

"Is another Holocaust possible? I often asked my students that question. Most answered yes; I said no. By its dimensions, its scope, the Holocaust was a unique event; it will remain so. I explained to them that the world has learned a lesson, that hate and murder transcend those who take part in them directly: one begins by killing others only to massacre one's own in the end. Without Auschwitz, there might have been no Hiroshima. The annihilation of a people leads to a unique event; it will remain no Hiroshima. The frontiers of technology are at The Aerospace Corporation.

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General concern over lack of interest in the Student In­
vestment Board has induced several Board members to seek
recruit candidates. Though I was indeed approached by a
present Board member, no recruiting was necessary. I have
been interested in the Board since it first heard of its ex­
istence last year. I am now tak­ing
the SIF a bit more seriously.

My main reason is to learn about how to make the bucks.
Learning how to make suc­cessful investments in the eco­

conomic world is an opportu­

nity too good to pass.

My experience in invest­ing
or for that fact in economics varies, from that of the eco­
nomics courses here at Tech to being on the Industrial Rela­tions' Committee with Grace Mah. I hope to learn more about the economics and policies of Caltech and cor­
porations being both on the IRC and the Student Invest­

ment Fund next year.

I can give you a list of reasons why I'm much more qualified than any of the other candidates or why you're mak­ing a big mistake if you don't vote for me. I can honestly tell you that I'm interested in in­
vestment and will certainly try my hardest to make some money for Caltech students. I'm asking for you to help give me a chance to do something for you. Thanks a lot.

—Bradley Evans

I'd like to ask you today for your support in electing me.
Dave Khoe to the Student In­
vestment Fund BOD.

I'm very much interested in making money, and I would greatly appreciate the oppor­
tunity to contribute to the fund's success. I'm willing to put out a decent effort into it, and since I'll probably be doing a lot of investing in later life, it's worthwhile for me to spend the time for it. I hope you'll place your confidence in me when you vote today.

—David Khoe

Hi! I am running for SIF
Board-of-Director because (you may not believe this) I think it's worthwhile for me to play with the SIF—especially if it isn't your own. And, honestly, I can't think of a better way to get into the investment game than to join the SIF. Would appreciate your support.

—Bin Wadhwa

As a current member and former head of the board of directors, I feel that my past
board experience is a valuable asset to the Student Investment Fund. I know that last year's board to buy Tandem Com­
munications stock at a price more than doubled during the sum­
mer and we made a hand­
some profit from it. Whether I will be able to duplicate this performance is somewhat unlikely, but I do feel that I have an excellent chance in continuing to pick successful stocks.

—Wally Walter

**Restaurant Review**

There are a few restaurants within walking distance of Tech which offer food to meet your financial requirements and will not cause you to exceed your budget for eating out. The most attractive place is the Master's Office, which is open to Caltech students and faculty and requires reservations in advance. The Master's Office features musical entertainment about once a month on Sundays, and it serves a varying menu. The restaurant is open for lunch and dinner, and the Master's Office is located on the north side of campus.

—Don Benton

**Announcement from the Bookstore**

**FEB 15**

**THE CALTECH BOOKSTORE**

**WILL BEGIN RETURNS OF OVERSTOCK TO PUBLISHERS**

Plan to buy

Winter Quarter texts SOON!!
Beckman Fellowship

By Kent Daniel

The Beckman Fellowship is awarded annually to a Caltech student for the purpose of allowing him to work, for ten weeks of the summer, somewhere within the American political system. The fellowship, sponsored by the Beckman Instruments Corporation, consists of a $2,000 cash award which is to be used for the recipient's expenses during the summer. I was awarded this fellowship last year, and consequently was able to work during the summer as an employee of the Senate Foreign Relations Committee in Washington D.C.

Washington, through the summer months, is filled with students from all parts of the country. It is traditional for each U.S. Senator to have about ten interns working in his office. These interns generally come from the Senator's home state, and work without pay. Each of the 435 members of the House of Representatives also has five or so interns in his or her office, and many government agencies, such as the Department of Justice and the FDA, also take on interns for the summer months. So on Capitol Hill alone, there were better than 2,000 students running about.

Despite the fact that intern positions generally come without pay, there is a good bit of competition for each spot. As an example, Senator Cranston, the Democratic Senator from California, receives better than 100 requests for unpaid summer positions on his staff each year. Unfortunately, a Congressman's office space is very limited, and it is impossible to squeeze in any more than a few of these applying for these spots.

My position in Washington was somewhat different than the typical intern's. Rather than work for any specific Senator, I worked in the offices of the Senate Committee on Foreign Relations. Each of the Senate and House committees has a staff, separate from any congressmen's, which is responsible for running the committee. The staff is responsible for scheduling hearings, briefing members of the committee on important issues, and otherwise organizing committee business.

As my position differed from that of most congressional interns, so did my responsibilities. Most interns are involved with everyday business of the Congressman's office. Their duties generally involve such things as answering mail from constituents. Both California Senators receive thousands of letters each week, and much of the staff time is devoted to responding to these letters and comments. Interns in the office help to ease this burden.

As I worked on a committee staff, I was faced with none of the office work that interns typically deal with. I was instead assigned to several research projects. Most important of these was an analysis of the Comprehensive Nuclear Test Ban Issue. The Comprehensive Test Ban Treaty (CTB) would ban all nuclear explosions for weapons testing purposes, and it is hoped, for all purposes as well. The form of this treaty was up until a few months before the election, under negotiation in Geneva. It is now known when negotiations will be resumed.

My research for the Committee covered all issues of the CTB, but focused on the problems of verifying this treaty. When and if the treaty goes into effect, the parties must perform certain checks to verify that the treaty is being followed. There are many technical factors which influence the detection of a seismic signal from a nuclear explosion. My research considered the effects of these factors.

The Beckman Fellowship has provided me with an opportunity to work in the political system. This is an experience which may prove helpful in my future. It is important to have a working knowledge of the political process in order to understand the problems that come before Congress. I think that the Beckman Fellowship has given me an advantage in understanding the workings of the political system.

By Young Ku

The Beckman Fellowship is a prestigious program which provides scholarships to students who have demonstrated academic excellence and leadership potential. The fellowship sponsors internships for students in a variety of fields, including politics, economics, and business. The fellowship is available to students who are enrolled in a two-year associate's degree program at a community college or a four-year bachelor's degree program at a four-year college or university. The fellowship is awarded on a competitive basis and is renewable for up to three years. The fellowship provides a stipend of $2,000 to help cover expenses during the summer internship. The fellowship is administered by the Beckman Foundation, a private, nonprofit organization based in California. For more information, please visit the Beckman Fellowship website at www.beckmanfellowship.org.

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Body Shop

Everyone is convinced that exercise is essential for good health and well being. But do you know what type, frequency, and duration of exercise is correct? How do you know that the amount of exercise you are doing at the present is adequate and safe?

If you are under 40 years of age, have been exercising two or three times weekly for years, and constantly remained in good health, then you may be in good shape. However, if you have been inactive for a period of years, or you have been having symptoms associated with heart disease (to be covered in the future), you should be checked by your physician and have a treadmill stress test before you start on an exercise program.

The Target Zone

There is an amount of exercise which is enough to condition the muscles and cardiovascular system leading to physical fitness, but not overly strenuous. That is, a target zone in which there is enough increased heart rate to achieve fitness, but not too much to exceed safe limits. You can find your target zone on Figure 1. The crucial part of a workout is the time one stays at the target zone. Usually 20 to 30 minutes in the target zone will provide a significant conditioning effect on the cardiovascular system. This period should be preceded by warm-up of 5 to 10 minutes so that the heart and circulation are not suddenly taxed, and also it is beneficial to joint and muscles to prevent injury and soreness.

In Figure 2, there should be 5 to 10 minutes of cool down in which the intensity and duration of the effort is lessened before exercise is stopped. To determine whether you are in the target zone, learn to count your pulse. Usually it is easy to obtain an accurate count over either one of the large arteries at the side of the neck, at the wrist on the thumb side, or inside the bend of the elbow. It is important to count pulse immediately after stopping exercise because it changes very quickly once exercise is slowed or stopped. Find the beat within a second and count for 10 seconds. Then multiply by six to get the count for a minute. Count your pulse at the intervals indicated on Figure 2. If your heart rate is below the target zone, exercise more strenuously. If it is above the target zone, exercise less vigorously either by exercising slower or less forcefully.

Type and Frequency

Only those exercises which significantly increase the continuous flow of blood through the heart and large skeletal muscles will help cardiovascular fitness. These are rhythmic, repetitive and involve motion, and are called "aerobic" or dynamic. They also have to be capable of being sustained, or aerobic.

Dynamic, aerobic exercise must be carried out three times weekly with no more than two days elapsed between workouts or gains will begin to be lost. After two to three weeks of regular exercise, you will begin to be able to carry out the exercise more easily; it will take more exercise for you to reach your target zone and your resting heart rate may be less. Once you attain physical fitness, you must maintain it by regular workouts. Exercise training should become part of your lifestyle. If you cut back to exercising once a week, half of your fitness increase will be lost in a mere 10 weeks. If you discontinue your program completely, all your gains will be lost in six to eight weeks.

Have Fun and Keep Exercising!

Next, we will cover warning symptoms while exercising and what to do about them.

G. Keubhan, M.D.
Health Center 

Marietta In Denver
The Martin Marietta Corporation (Denver branch) will be on campus Wednesday, February 25 to recruit students who have (or are about to receive) BS, MS/EE (Especially those interested in power conditioning). If you are interested in making an appointment to interview with them, please contact the Placement Office, room 8, Dabney Hall.

Enjoy Lunch & Dinner
And Pizza With Us

or Take It Out

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You may buy ONE drink in a glass
beer or wine, or a soft drink
for 5¢ with purchase of any dinner or pizza

Ollie G.

There was something else that I thought you guys (and gals) might be interested in. I can't seem to remember... well, here's something for the books. I just got three bills from Caltech. One of them was a 70 buck Watts Line bill! I wonder if Student Accounts would believe me when I say I haven't used the Watts Line since November 4th. That's it! Twists of Fate. Is it true that Stuart Goodnick is running around with top hat and cane? I died laughing at that. Coincidentally, I was thinking about buying a hat. (Not a top hat, of course!) Especially since I got (what I think is) a terribly short haircut. I'll still need a Triple X-stra large to fit over what's left of my 'fro, though. I guess that's the only thing that has always stopped me from buying one.

Well, it looks like I've reached the end of another commentary. One of these days, like soon, I'll be on campus so that I can send the rest of my stuff to Ohio, but I still have to make up my mind which day it will be. Any ASCIT parties coming up?

-Ollie G.
...sparkling along Fifth Avenue, the people moving on bicycles. - Bernard Fischman The Man Who Rode His 10-speed Bicycle to the Moon

I am sure that a lot of you have come here from outside California. This is also true for Billie and I. We are from THE CITY, the New York City. I met Billie in the City and we have done a lot of riding within the city as well as in the surrounding suburbs. As one may imagine, biking in L.A. is very different from biking in the City.

The Man Who Rode His Bicycle... has done a lot of riding within California. This is also true for the people moving on bikes here from outside the City.

"..."Woody Allen once pointed out, "the only advantage for living in N.Y.C. is that you can make one's ideas shine at work."

We Make Them analysis and design... Analytical Instruments... We Make Them.

We're a world leader in the field of analytical instrumentation. We strive to give you as much room as you need, as many curves and corners as you want to develop and use your own creative ideas.

From the design and production of medical gas analyzers for hospitals, to tape recorders and signal processors for reconnaissance applications, Perkin-Elmer Aerospace Division offers diversity, with diversity comes the room to expand on your own great ideas.

We're a creative company with a line of creative products...and that's why we're continuing to look for the most creative graduating engineers and technical people we can find.

Reliability Engineers (BSEE)

We need creative Electronic Engineers and Engineering Science graduates to be a part of the design team that ensures Perkin-Elmer's complex electronic devices will meet the exacting mission requirements. Longer, more complex missions require higher reliability; a single component failure can cause space system and mission failure. Space system success is based upon reliable component design and reliable "front end" controls and analysis.

Be a part of the team that translates design concepts into precise real world operational systems.

Reliability Engineers are involved with:
- Design verification and support
- Designing reliability, safety and maintainability into the product
- Design applications stress analysis
- Investigation of component failures
- Corrective and preventative measures
- Vendor technical liaison
- Specification and definition of the complex electronic components to be utilized in space systems.

Perkin-Elmer offers a competitive salary structure and a comprehensive benefit program. Benefits include company paid dental, medical, life and travel insurance, optional supplemental life and income protection insurance, liberal vacation schedule, fully paid group term life insurance, a company profit sharing program, and income protection insurance, liberal vacation schedule, and comprehensive medical insurance program.

Company representatives will be on campus Tuesday, February 24.

If you believe you can make your ideas shine at Perkin-Elmer Aerospace Division, please sign up for an interview with your placement office.

THE CALIFORNIA TECH

Symbof Virility

Friday, February 13, 1981

We Don't Hire Analytical Instruments... We Make Them.

You've got a mind full of great ideas. But sometimes fitting your ideas into a large company's rigid structure is like trying to fit a cube into a round hole. Because so many large companies are concerned more about the product, not the people, they make great ideas sometimes sacrificed. Without creative ideas, technology... And the Flems, of course, were popular on the New Jersey upperside of the Moon, it is quite true and can affect your riding style. In California, it seems that bikers are not appreciated and are often cursed by drivers.

The Cannon has a long history. It was originally cast for the Franco-Prussian War and so was completed in 1878. After the war's conclusion, the French decided to give it to the Americans, so it was shipped to Florida. The United States wanted to use the cannon in the Spanish-American War and so decided to rework it to be a cannon because at the time this was completed the Spanish-American War was already over. The United States shipped it to San Barbara, where it soon became obsolete. It then got back to the French. They had no need of it and gave it to Maurice Veranda, founder of Southern Academy and collector of historical objects. He gave it to Maurice Veranda, founder of Southern Academy and collector of historical objects. It was brought down to LA on a railroad flat bed in 1925, according to the American cannon began its hour long, three mile journey from the traffic is faster in general. But sometimes fitting your ideas into a large company's rigid structure is like trying to fit a cube into a round hole. Because so many large companies are concerned more about the product, not the people, they make great ideas sometimes sacrificed. Without creative ideas, technology... And the Flems, of course, were popular on the New Jersey upperside of the Moon, it is quite true and can affect your riding style. In California, it seems that bikers are not appreciated and are often cursed by drivers.

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Have you ever been accused of wearing a "nerd watch"? Do you have a "nerd calculator"? Have you ever bought a "nerd eraser"?

Caltech seems to have come down with a case of nerdophobia. At least one house has rules against going into the steam tunnels. Semi-normal activities such as D&D are looked down upon like playing in mud puddles. Anyone seen near Jorgenson runs the risk of being labeled a "compunerd."

The word "nerd" is grossly overused. Instead of being applied to anti-social or obnoxious behavior, it is applied to activities that are neither, with the justification that "that nerd down the hall does it, so it must be nerdly."

Like too much of the world, many Techers have a negative attitude towards their own strength. Applied use of knowledge (translation: using scientific terms for anything besides homework) is called "blazing" and is a sure sign of nerdism. One is supposed to flick indefinitely and then frantically cram at the end of the term; it is chic to brag of the all-nighters one has pulled because of watching "Charlie's Angels" the night before. Anyone who can't or won't drink three zombies and throw up just isn't a total human being. Seniors complain that their enthusiasm for their majors is insulted by those who think it is sophisticated to act burned out.

This is stupid. Caltech was meant to be a haven from anti-intellectual nihilists, not a place to be on a higher level. The fact that someone has a strange haircut or edits the Tech should not be grounds for contempt. The word "nerd" should be restricted to its proper use.

After all, Caltech was not meant to be a nerd colony.

—Lee Sunderland

The Nerdist

by Mark Maier

Skelton at the helm, set sail for the ocean. We anticipate about six hours of sailing and, depending on the wind, may get up to ten miles offshore.

As implied in the first paragraph, weekend sailing is becoming an ongoing program for Y. We presently anticipate daily sailing on the third weekend of every month. The signup for last month's trip indicated much interest in sailing on the Caltech campus. Future trips will include further day sailing as well as weekend trips to the Channel Islands.

There will also be a much more ambitious trip over spring break. Right now we plan to sail to Catalina and possibly meet other boats at the first night's stop. Then, after some students go ashore, the boat will return to the Channel Islands.

In most jobs, at 22 you're at the bottom of the ladder. In the Navy, at 22 you can be a leader. After just 16 weeks of leadership training, you're commissioned an officer, part of the management team. You're given the immediate decision-making authority your responsibilities demand.

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It's a lot more responsibility than most corporations give a man of 22. As a Navy Officer, you encounter new challenges, new tests of your skills, new opportunities to advance your education. You grow.

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Food Service Worker Dies

By Kevin Mulcahy

Peter Ruga passed away early last Friday morning, the 6th of February, at the age of 69. For those of you who don't recognize the name, Pete was the thin gentleman with the big smile on his face who served on the main steam table every day in Chandler.

A native of the Philippines, Pete came in the United States in 1951 and began his association with Caltech.

For the first nine years he worked for the Institute at what was then known as "the Greasy". After Chandler Dining Hall was built in 1960, Pete moved into the new facility and served the Caltech community daily until this December, when he took a leave of absence due to health reasons. Pete's genuine love of people, and the enthusiasm and professionalism with which he worked, helped to make the day a little more enjoyable for his customers and his fellow workers.

He will be sadly missed.

Funeral rites will be on Saturday, February 14th at 9:00 am from the Angelus Funeral Home, located at 59th St. and Crenshaw Blvd. in Los Angeles. Burial will be in Holy Cross Cemetery.

SSO in Colorado

FROM TWO

Techers after their presentation and said that the SSO representatives really knew what they were doing. Over the next few months the SSO will be in touch with George Baker to arrange the Launch Services Agreement for the first payload, which will contain the plant photosensitivity and crystal dissolution experiments. This payload is expected to fly on the Space Shuttle in 1983.

The Student Space Organization is having a seminar to inform the faculty of its status and plans at noon on February 18 in 365 S. Mudd (Salvatori Conference Room). All faculty and staff are invited to attend.

GRADUATES:

YOU'VE ARRIVED!

You've worked very hard for that degree you're about to receive, and you're ready for a rewarding career in engineering or technical management.

If you graduate with a technical degree in the top half of your class, and if you have had leadership experience, you can now match your talents and technical vitality with our advanced technology to, well, make a difference in the world!

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IN THE EXCITING WORLD OF SOLID STATE TECHNOLOGY!

Our representative will be on the Caltech campus on February 24, 1981. Please see our sign-up schedule in the Career Planning and Placement Office.
More ASCIT Pix

Above, Joint ASCIT Ath Men: Greg Schenter/Scott Bloom
Left, Directors-at-Large: Mara Freeman grins, as Barbara Turpin feeds off photographers.

Below, California Tech Editors: Roger Fong strangles the distinctly annoyed Tracy Furutani, as Ed Suranyi looks on

IN TODAY'S WORLD OF TEST SYSTEMS TECHNOLOGY, MOST PEOPLE PLAY FOLLOW THE LEADER...

MEET THE LEADER.

We're the Fairchild Test Systems Group, and we're the pace-setters in an industry where changes in technology and the marketplace can happen overnight. That's why we don't simply maintain our products, we constantly update, improve, and originate new products to solve the very latest industry dilemma.

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This philosophy is further advanced by our commitment to a strong research and development program. As a part of the Schlumberger family of companies, Fairchild Test Systems will continue to follow the successful pattern that is indicative of a company that breeds ideas, technology, dedication, and talent.

OUR COLLEGE REPRESENTATIVE WILL BE HERE ON CAMPUS: MONDAY, FEBRUARY 23rd.

IF YOU'RE AN EE OR CS GRADUATE, ready to enter a fast-paced industry where you can apply your talents and ideas to the fullest, then meet our representative on campus to discuss the exceptional opportunities awaiting you.

If unable to meet our representative, please forward a letter of interest to one or all of the following facilities:

Fairchild Subassembly Test Systems, College Coordinator,
299 Old Niskayuna Rd., Latham, New York 12110

Fairchild Test Systems Group
College Coordinator
1725 Technology Drive
San Jose, CA 95052

Fairchild Xincam
College Coordinator
21300 Von Owen
Canoga Park, CA 91303

As an affirmative action employer, we encourage women, members of minority groups and the handicapped to apply.

Y Presents

Paul Conrad

by Robert Hill

Have you ever wondered what goes through the mind of a political cartoonist in the struggle to summarize the days events in cartoon form day in and day out? Well, if you have (and even if you haven't, but are still interested), the Caltech Y presents PAUL CONRAD speaking on "An Idea a Day: The Creative Process" (Baxter Lecture Hall, 8:00 pm, Thursday, February 19).

Mr. Conrad, the often controversial cartoonist for the Los Angeles Times, has kindly agreed to speak on campus, and suggested the topic above. The cartoonist is more deadline-conscious than perhaps any other artist, but Mr. Conrad indicated that he believes that there are great similarities between the creative processes needed in both cartooning and in writing. He hopes to give a relatively infor-
**stuff that didn’t fit anywhere else**

**Political Intemment**

The Dean's Office is pleased to announce that the Becker Internship will be available for the summer of 1981. This internship, supported by friends of Dr. Beckman, pays a stipend of $2000 for a period of up to 12 weeks plus travel expenses. It allows a selected Intern to spend a summer working in the office of a politician and seeing the process of government at close range. The Intern is expected to make arrangements with the appropriate political persons. It is open to any Caltech undergraduate who intends to be a Caltech undergraduate next year. If interested, contact either David Wales or Chris Wood in the Dean's Office, 210 Dabney, x6351.

**Deadline:** February 27, 1981

**Are You Sociable?**

Anyone interested in becoming an Executive Social Committee (ESC) Rep. at Large, sign up on the sign-up sheet in the Dean's Office, 210 Dabney. You will then be eligible for any of the many ESC-sponsored activities.

**Math With Cookies**

The Math Club lecture on Tuesday, the 17th, in room 351 Sloan. The subject will be "Arranging Elements Into Sets", given by professor Richard Wilson. Refreshments will be served afterward. The lecture is (the Math Club forgot to tell us the time, so bug them about it).

**Video Art**

Art—namely Video Art is being offered for the first time in the spring quarter. This course was invented last fall and is open to anyone interested. The course schedule for pre-registration is as follows: if you are interested in this course, or think you might be interested, contact Dr. Roberta Lipton, 238 Dabney Hall. She will have further information on this course in next week's Tech, but in the meantime any questions you have can be answered by her.

**Pugwash Conference**

Students interested in participating in a Pugwash Conference at Yale University should contact the Office of Student Activities. This conference is held every four years. The topic this June will be "Moral Dilemmas of Technology and Democracy." The Conference holds daily discussions.

**Women In Science**

A workshop for women in science has been planned for March 21, 1981 by The Algorithm Corporation. The workshop is a day-long session that will explore career options for women in science, career planning options, opportunities in science and net work with other women in science. Completed application forms, with $5.00 registration fee (includes lunch) are to be returned by February 20, 1981. The application forms are available in the Placement Office, Room 8, Dabney Hall.

**Summer Jobs!**

Stop by the Placement Office, Room 8, Dabney Hall and talk with Lynne about summer work experience possibilities.

**Wanna Work For Ma Bell?**

There will be a Pacific Telephone Orientation Meeting on March 9, 1981, 4:00 p.m. in 153 Noyes. The session will be held in 153 Noyes from 4-5 p.m and a short film regarding employment opportunities will be shown. For information about making an interview appointment, stop by the Placement Office, Room 8, Dabney Hall.

**Light's! Camera! Action!**

Are you interested in film-making, cinematography, acting, special effects, set design and construction, costume design, lighting, directing? If so, then call the Caltech Film Workshop at 262-5627 and ask for you! Meetings are held Wednesdays at 5:00 p.m. in the Master's Office. Be there! [Caf!]

**Use It Or Lose It!**

The fiscal year for ASCIT ends on February 28. This means that more than money budgeted from ASCIT for your club or organization, you must pick it up by this date, or it is gone. Talk to Dan Perich, 231 Lloyd, or phone 796-1969.

**Attention Senior Class!**

There will be a meeting for all interested seniors to discuss a class gift this year. The meeting will be held on Wednesday, February 18th at 4:00 p.m. in 147 Noyes. Underclassmen, don't bother spying - Dick Day will not be discussed. (Besides, you need to be prepared since it will definitely be tomorrow!) If you have any questions, see me in the Office.

**Harvester Fellowships**

International Harvester has announced the availability of six International Harvester Harvester Fellowships to graduate students in Engineering and Applied Science. The fellowships will be awarded for a period of up to two years and will provide funds for tuition and support for research costs. The maximum funding for each of the fellowships is $25,000. The applications will be accepted through April 5, 1981. Application information and procedures are available at the Placement Office, Room 8, Dabney Hall.

**International Career Faire**

The Office of International Students and Scholars of USC will sponsor an International Career Faire on Thursday, March 26, 1981, from 9 am to 4 pm in Town and Gown Hall on the USC campus. The faire is designed for foreign students who seek employment in their home countries upon graduation in 1981. Companies from 13 countries will sponsor booths for International students. For further information contact Suzanne Trager (743-2666).

**Kudos from the BOC**

The Board of Control would like to thank all those who attended the recent Home System forums held in each of the houses. We felt a very valuable exchange of information and understanding took place at these meetings. Several of many of the major topics of discussion and issues raised will appear in future issues of the Tech.

As an aside, the Board recently selected two new representives from the groups of Chivakula and Nick Grub. They were selected from among thirty-four candidates in a six-hour selection process.

—Bryan Dunkle

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**Classified Ads**

**WANTED**

DIGITAL TECHNICIAN experienced with microprocessors. Audio equipment manufacturer. Electronics, 850-0741.

**VOCALIST WANTED:** Caltech rock band needs Caltech undergrad who can sing, screaming rock roll. Must be able to practice several weekends in the Jam Room and make occasional concerts at the Forum. Dial 793-7658/577-4851.

**SERVICES**

LEXTRON word-processing service, Call Marie at 449-3336. Two-hour service. A Neil Hick Shai Farley Enterprise.

PIANIST with degrees from Indiana University and the Vienna School. The Arts offers paid instruction (beginning through advanced). Call Raymond Betina 255-7375.

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Buying or selling something? You, too, can take out an ad in the Tech! The cost is $2 per inch plus 30c per extra line. Classifieds. Bring ad copy to Tech office or call 356-6154. OK.