Student Injured in Noyes Explosion

By Ken Whang

A second year graduate student was critically injured Wednesday night in an explosion in the Noyes chemistry laboratories. The accident occurred shortly before 9.

The student, whose name was not released, was working on a routine inorganic synthesis procedure, observing all normal safety precautions. The reaction was apparently cooled too much, so that an added reagent that should have been consumed instead accumulated to a dangerous level, causing a pressure explosion that sent glass flying.

Glass from a flask pierced the side of the student's neck, shattering an important artery to the left side of his brain.

He was immediately rushed to the Huntington Hospital, where surgery was performed to repair his artery. As of Thursday afternoon, he was showing some motion in the right side of his body, indicating that regions of his left front hemisphere were undamaged.

Exposure to pressure and damaging effects of the explosion may cause further serious problems, especially in his lungs.

A second graduate student was also in the room during the explosion. He suffered only minor cuts.

John Bercau said of the incident, "I can't believe an accident like this will happen."

No one was hurt in the second incident of its kind in the chemistry laboratory within the last two years. Bercau said he was impressed by the quick, effective reaction of several others who were in the building at the time of the emergency.

For now, Bercau and others in the lab are keeping their fingers crossed.

Tech Scores Big at Rose Bowl

By Hossein Mohammad

The Campus was moved with a nostalgic sense of contentment and excitement this week, after a return of the much awaited, second Caltech Rose Bowl prank. A national TV audience of at least 20 million people watched as the electronic scoreboards of the Rose Bowl displayed the score of "Caltech 38-MIT 9" in the final minutes of the 1984 Rose Bowl between UCLA and Illinois. Amid the noise and confusion at the stadium, it was Caltech that claimed the victory.

The Monday night event was the culmination of some four years of efforts on the part of several different groups of Caltech students to parallel the now-legendary Caltech Rose Bowl prank of 1961. In that year, students managed to obtain and alter the plans for an elaborate half-time card show by the University of Washington's cheerleading section during the Washington-Minnesota game. As a result, the Huskies discovered that they were holding up cards spelling out "CALTECH" instead of "Washington" in front of a nation-wide TV audience. Ever since then, Caltech undergraduates have held a fascination for the New Year's Day Rose Bowl games, attempting several times in recent years to match the famous stunt.

But Ted Williams and Dan Kegel's plan this year is the first one to be successfully completed. Kegel and Williams are seniors in Blacker and Lloyd, respectively, who designed and carried out the sophisticated plan with the help of several other undergraduate friends. Since the Monday night game, they have been contacted by numerous local and national media outlets curious to see how the intriguing prank was conceived and executed.

According to Kegel, the original idea for the project was formed around May and June of 1982, when Art Fortini, Mike Nolan, and he, all from Blacker House, visited an empty and unguarded Rose Bowl to search for possible ideas for a prank. It was then that they gained access to the scoreboard Room of the stadium. The control mechanisms of the scoreboards are located in the Press Box. A cable running from the Press Box to the scoreboard Room carries the information to appear on the screen from the control mechanisms to the scoreboards. This information is in the form of special computer commands which are interpreted by the scoreboard units and translated into specific lines of text or graphic messages.

The idea of the prank was to tap into the cable that brings the information to the scoreboards. Last year, Kegel, Williams, and Nolan conducted much of the research necessary for designing and building the necessary devices. These were built during the Fall Term and installed in the stadium after five trips.

One of the most interesting features of the operation was that the students did not need to be present at the stadium to send messages to the scoreboard. A microprocessor/radio unit operated two miles away from the Rose Bowl, would send the messages in form of radio waves to a second microprocessor installed in the stadium. Equipped with a power unit and antenna, the second microprocessor, which was connected to the cable carrying information from the controls to the scoreboards, would receive these radio messages, process them, and send the appropriate commands to the scoreboards through the cable. Since the second microprocessor was on the path from the stadium scoreboard control mechanisms to the scoreboards, it could intercept and override the information sent by the operators at the stadium to the scoreboards through the controls. Thus, Kegel and Williams had complete control of the scoreboards.

The Caltech-MIT score was not the only message that appeared on the board, but it was the last one. "In the second

Jackson Campaigner to Speak at Tech

Jesse Jackson's Massachusetts campaign manager, a political populist named Mel King, speaks next Wednesday night in Baxter Lecture Hall on the prospects of a black president for the United States.

King, an attention-getting figure in Massachusetts politics for the past decade and an instructor in urban planning at MIT, narrowly missed being elected mayor of Boston last fall. In a runoff, he lost to Raymond Flynn. Flynn is white, but King is a member of Boston's working class; both campaigned on issues related to "economic justice."
Tech Takes Rose Bowl

quarter we put DEL, which is a symbol for Caltech, on the message board," Williams told the San Diego Tribune. "We also put a picture of a Beaver, the Caltech mascot, on the message board during the second quarter.

"We left them up for only 30 seconds, but when it appeared no one noticed we decided to leave our messages up for longer periods. That's what we did during the third quarter." Other messages to appear included "GO CITI!" and "CALTECH." In the meanwhile, the pranksters were situated on a hill overlooking the Rose Bowl, where they could see the scoreboard by a binocular.

Said Williams, "We were really disappointed when it appeared no one noticed, when it didn't get on television and we didn't hear them say anything about it on the radio.

"That's why we decided to change the names of the teams to Caltech and MIT."

When Caltech's fictitious score remained frozen on the scoreboard, unable to restore the situation, Rose Bowl operators shut down the electronic boards for the rest of the game. This nullified the final plans of the pranksters. The two were to end the game by flashing on the screen the message "Thank you for coming to the 1984 Beaver Bowl."

Reaction to the prank has been mostly positive, with radio, TV, and newspaper pieces generally praising the students. Dan KegeI says that, nowadays, he and his friends are customarily stopped and congratulated on campus by well-wishers."For the first time in four years," reported one of the pranksters, "Mrs. Casey remembered us!"

One amusing comment came from the Illinois coach Mike White. "The highlight of the game for me came when the scoreboard went out," he said.

As expected, the prank made big news on campus this week. Each Techer, of course, learned of the incident in a different fashion. John Krehabi, a Senior in Fleming, was in a plane taxiing out of the Honolulu Airport when he was alerted by an agitated companion to a silent TV broadcast of the game with the fateful scene of the scoreboard on the screen.

Rather surprisingly, Williams and KegeI, themselves, were not as pleased or excited about the matter as one might expect. For one thing, because of transmission difficulties, they could not send as many messages as they would have liked to. But, on a different note, there was less confusion that followed the matter. The Los Angeles times in a first page article in its sports section Tuesday quoted a Rose Bowl official who had mistakenly stated that the students had short-circuited the scoreboard and caused it to be turned off. In fact, the group had taken special care to ensure that only the portions of the scoreboard that displayed the names of the teams and public messages would be controlled. The students, KegeI maintains, did not have the ability to interfere with vital game information such as the score, the time remaining, and the status of the current play. In yet another twist to the story, a piece appearing in The New York Times attacked the Institute for living up to its expensive advertising credit for the prank. As it turns out, although one of the students does receive some EE credit for his technical work on the project, the professor learned of the project of the only fact after the fact.

Write for the Refuseniks


Gennady Khassian, his mother Adele, his wife Natalia, and their daughters Helen and Yehudit first applied to leave Moscow and go to Israel, where they would have religious freedom, in 1976. After the long and involved process of application, Adele was granted permission and left, and the rest of the family was told that they would be able to join her within two months. Instead they were refused on the grounds that Professor Khassian knew "secrets" which ... would endanger the security of 260 million Soviet citizens.

Gennady Khassian is a prominent mathematician, an Associate Professor of Mathematics at a prominent Moscow engineering school until he applied for permission to emigrate, and the author of 16 articles and four books which are available abroad. After he applied for a visa he was teaching at a Moscow high school, after his second application he lost that job too and lost the right to work at all. He has since made a living by teaching Hebrew, and has been repeatedly arrested and prosecuted in "parasitism," i.e. not having a job. Natalia Khassiana, also a mathematician, has had similar problems.

The Khassians have been harassed and had their apartment searched by the KGB and their belongings confiscated. Natalia has been arrested several times for her activities on behalf of other refuseniks.

Caltech's Hillel has "adopted" the Khassian family and is trying to help the family get permission to leave, by writing to Soviet officials on the Khassians' behalf. While Hillel has adopted the family, the Rabin family parents of Caltech student Leora Ribak, is suffering. Leora Ribak was released from the USSR and came to the United States two years ago after five years of refusals. The purpose of the letters is to let Soviet officials know that the Khassians are not forgotten by the rest of the world and that someone cares what happens to them.

If you would like to give even a few minutes of your time to help the Khassians, please write and mail letters and enjoy a delicious brunch courtesy of Hillel on Sunday, January 8 at 11 am in the Red Cat Cafe, Westman Center.

-- Judy Goldsh"
AWARDS

Ronald F. Scott

Ronald F. Scott, professor of civil engineering at Caltech, was selected by the American Society of Civil Engineers (ASCE) to present the 1983 Terzaghi Lecture at the annual ASCE Convention in Houston in October.

Karl Terzaghi (1883-1963) is recognized as the founder of soil mechanics and foundation engineering, the areas of civil engineering in which Dr. Scott specializes. Each year a distinguished civil engineer is selected to give the Terzaghi lecture. The 19th lecturer, Scott was chosen on the 100th anniversary of Terzaghi's birth.

A member of the National Academy of Engineering, Scott joined the Caltech faculty in 1958. He was principal investigator on the lunar soil properties experiment on the JPL Surveyor spacecraft, a member of the soil mechanics team for Apollo manned lunar missions, and a member of the physical properties team on the NASA Viking spacecraft to Mars in 1978.

Harry B. Gray

Harry B. Gray, chairman of Caltech's Division of Chemistry and Chemical Engineering, is the 1984 winner of the American Chemical Society's Award for Distinguished Service in the Advancement of Inorganic Chemistry. Gray is the Arnold G. Beckman Professor of Chemistry at Caltech.

The $3,000 award, sponsored by M. Fackler, Inc., will be presented at the society's 187th national meeting next month in St. Louis.

Dr. Gray is being honored for research accomplishments in several areas, including inorganic photochemistry (which holds potential for making solar energy more economically and electron transfer in metalloproteins).

He is a member of the National Academy of Sciences and American Academy of Arts and Sciences, and is a foreign member of the Royal Danish Academy of Arts and Sciences. He is the recipient of numerous awards, among them the ACS Award in Pure Chemistry and the ACS Award in Inorganic Chemistry.

Michelle A. Miller, '86

Michelle A. Miller, a sophomore in nuclear engineering here at Caltech, has received a scholarship for the 1983-84 academic year from the Institute of Nuclear Power Operations (INPO) in Atlanta.

INPO is a non-profit organization dedicated to promoting excellence in construction and safe operation of the nation's nuclear power plants.

Miller, of Las Vegas, Nev., received one of 200 scholarships awarded to students around the nation. Each year, the Institute provides $300,000 to top-notch undergraduates studying in fields related to nuclear power. The funds are provided by INPO's members—the U.S. utilities that are operating or building nuclear power plants.

William J. Evans, '87

William J. Evans, a freshman here at Caltech, has been awarded the Bell Laboratory Scholarship for Minority Undergraduate Students in Physics. The scholarship consists of an award of $2,000 to Evans and $500 to the Caltech physics department.

The scholarship program, administered by The American Physical Society, is intended to increase the level of minority participation in physics in the United States.

What is the best way to lose excess fat? Is dieting the answer? And if so—what kind of diet? It's almost impossible to read anything these days without another diet staring you in the face. And do diets really work?

The first thing to understand is that it isn't excess fat that is so bad, it's the lack of athletically trained muscle that is at the root of the problem. Dieting can decrease the weight of the fat but it cannot increase the amount of muscle. There is a difference between being overweight and overfat. A person who appears skinny may actually be high in fat. You may worsen your situation by dieting because radical dieting, unbalanced dieting, shots and fasting have been shown to lessen muscle mass while you are losing fat. There is good evidence that one should get fit before embarking on any kind of diet program. A well-exercised body seems to respond more quickly and with less muscle loss to the stress of dieting.

During strict dieting the body begins to burn calories at a much slower rate in order to prevent what it perceives as oncoming death by starvation. So you see—you will get the best results if you view fat loss as a gradual process, and concentrate most on exercise and balanced eating.

—Sheila Ripley
Health Center Staff

Baxter Art Gallery

Contemporary Ceramics

More than 100 ceramic pieces by 67 artists will be on exhibit at Baxter Art Gallery from January 4 through January 29. The exhibition, "Contemporary Ceramic Vessels: Two Los Angeles Collections," features the private collections of Betty Asher and of Howard and Gwen Laurie Smits.

Although a few of the artists represented are from outside California, including Great Britain, most are from southern California. Among those represented are Philip Cornelius, Viola Frey, Michael and Magdalena Prinkey, Gifford Myers, Eila Rady, Paul Soldner, and Gertrud and Otto Natzler.

"Southern California is one of the most important centers of activity in ceramics, and it is very appropriate that some of the major collections of contemporary ceramics are developing here," says Baxter Art Gallery Director Jack McNall.

Other ceramicists whose works will be on exhibit are Robert Arneson, David Gilhooley, Kenneth Price, Peter Voulkos, John Glick, and Betty Woodman.

An exhibition catalogue containing interviews with the collectors and black and white photographs of selected works will be available at the gallery for $4.50.

Baxter Art Gallery, located in Baxter Hall, is open seven days a week from noon until 5 pm. For further information, call 356-4371.

The Body Shop

Need to Lose Weight?

Buy Caltech Cards and save 20%
Titan
from page 2
The Caltech researchers' theory resolves the quandary. According to their chemical and physical model, Titan once did have a methane ocean. However, this methane steadily evaporated, found its way into the upper atmosphere, and reacted with sunlight to form ethane and acetylene, which condensed out. At Titan's atmospheric temperature of about -180 degrees centigrade, ethane would precipitate as a liquid, and acetylene as a solid, which would settle to the ocean bottom.
Over the age of the solar system—a 4.5 billion years—this process has gradually converted the Titanian ocean into a mixture of 70 percent ethane, 25 percent methane, and 5 percent nitrogen. The researchers calculate that the ocean would be about a kilometer deep, with the acetylene sludge bottom frozen at 100 to 200 meters thick. Because the vapor pressure of ethane is lower, the surface would give the "dry" appearance suggested by the Voyager radio experiment.
"A kilometer-deep ocean would probably cover most topography that could be expected from meteorite impacts," said Lunine. "A few islands of water ice—the "bedrock" of Titan—might poke up. Impurities of heavy hydrocarbons would likely make the ocean a mucky red color, matching the cloudy and hazy red of the sky. Organic solids and tar would coat the ocean bottom and even land surfaces."
"It is possible, however, that the ocean bottom is not simply a placid repository of hydrocarbon garbage," he said. "Titan's interior might still hold a liquid magma of ammonia-water, which occasionally could find its way to the surface. Such a mixture, erupting at a temperature of 100 degrees Celsius into the -180 degrees Celsius ocean would not be less dramatic than basaltic lava at 1300 degrees Celsius erupting into our 10 degrees Celsius terrestrial oceans."

Inside Information
Online Library Searches

ONLINE to the rescue. You have a term paper due next week. Not much time to search the indexes, even though you know what you want to write it on. But "What will it cost me?" Possibly not much more than the Xerox charges.
The charges vary on each database, but a well thought out search that combines terms to limit the size of the set is not very expensive. The actual price depends upon the database used, time on line, and search charges if any. A search on Spin (AIP) would be around $5 to $7 at $35 per hour, on Compex (Engineering Index) $10 to $15 at $90 per hour.
The most recent papers are listed first, and sometimes five to ten references will give you enough to start. Tell us whether it's for a term paper or, perhaps, a more complete search for a thesis. Not everything is searchable online, but there is no charge for asking if a search is feasible.

SCISEARCH is a multidisciplinary database in pure and applied science. Coverage in SCICERT is 1970 to the present. Science Citation Index is the printed version of this database. Scierearch also has records from Current Contents which are not in the printed version. The unique feature of this index is the ability to search cited references in addition to the ability to search by author and/or subject.

OK. You found a little gem. It's a 1978 paper which is seminal to a new direction in your field. Who cites it? A major online system used at Caltech, Duolig, carries SCISEARCH in four databases:

#34, 1981—the present
#94, 1978—1980
#186, 1974—1977

A search in #34 and #94 would flush out papers citing that gem up to the present time.

Call or see Dana Roth, x6243, or Jean Anderson, x4521; Dana's at Chemistry Library in Millikan, Jean at Aeronautics in Guggenheim.
Beavers Outdo Christ College in Close Victory

by Ath Man Al Large

The Caltech Beavers basketball team defeated Christ College, 68-63, on Wednesday night, raising its intercollegiate record to 5-2 and thrilling a raucous home crowd by winning its fourth home game in five starts. The Beavers trailed early 20-10, but fought back to tie the game 31-31 at halftime. Caltech was plagued by turnovers and poor foul shooting in the first half. The Beavers pulled ahead at the start of the second half, leading by as many as eight before Christ College, hanging in the fold, pulled within one at 64-63 in the final minutes. Late free throws by Ed Zanelli and Stewart Peebles provided the final margin of victory.

Zanelli was the Beavers' high scorer with 23 points, as he made numerous spectacular inside shots in addition to some clutch outside buckets. Stewart Peebles tied his career high with 20 points, while grabbing 16 rebounds, and Jim Helgren netted 14 points. Dave Werntz had some key rebounds and baskets in limited playing time, and Tom Heet, again supported by a highly heterogeneous personal cheering section, made numerous key steals, baskets, and rebounds.

The Beavers' next game is tonight at 8 here at Tech, against LIFE college, a team the Beavers defeated in a tight game before Christmas. Be there!

Weekly Sports Calendar

| Fri. | 1-6 | 8:00 pm | Basketball (Varsity) | LIFE College |
| Wed. | 1-11 | 4:00 pm | Swimming (W) | Mills College |
| Wed. | 1-11 | 6:00 pm | Basketball (JV) | Pomona-Pitzer |
| Wed. | 1-11 | 8:00 pm | Basketball (Varsity) | Pomona-Pitzer |
| Wed. | 1-11 | 7:30 pm | Wrestling | C.S.U. Fullerton JV |
| Wed. | 1-11 | 11:30 pm | Hockey Club | Pierce #2 |
| Sat. | 1-14 | 10:00 am | Swimming (M) | U.C. Riverside |
| Sat. | 1-14 | 10:00 am | Wrestling | Caltech Invitational |
| Sat. | 1-14 | 6:00 pm | Basketball (JV) | Occidental |
| Sat. | 1-14 | 8:00 pm | Basketball (Varsity) | Occidental |

We're looking for people who can see beyond the obvious.

If Christopher Columbus had been content to ship cargo around the Mediterranean, he would have missed the opportunity to discover the New World. If LINKABIT engineers weren't thinking about what could be, instead of what is, we wouldn't be at the forefront of the telecommunications industry. Thanks to a cadre of conceptual achievers, however, LINKABIT has continued to set the standard in diverse and complex projects such as MILSTAR terminals, video scrambling equipment, domestic satellite systems, modern, codes, advanced processors and fault-tolerant systems.

Now, we're looking for more of the same kinds of thrillers to join our ranks in the following areas:

- Satellite Data Communications
- Satellite Network Technologies
- Information and Network Security
- Speech Coding and Compression
- Local Digital Switching Systems
- Modulation and Coding Techniques
- Synchronization Techniques
- Advanced Digital Signal Processing
- The creative, free-thinking atmosphere at LINKABIT promotes excellence and is a reflection of our physical environment. San Diego, America's Finest City is location, climate, cultural and recreational facilities, offers you and your family an unsurpassed lifestyle. This invigorating setting, combined with the challenge, satisfaction, and reward of a career at LINKABIT, provides an unbeatable opportunity to fulfill your goals. Opportunities are also available in the Washington, D.C. area and Boston.

On Campus Interviews Friday, January 13

Please contact your College Placement Office to arrange an on-campus interview. If you are unable to meet with our representatives, please forward your resume with college transcripts to:
Dennis Vincent, M/A-COM LINKABIT, 3220 Science Park Rd, San Diego, CA 92212

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Electronic Engineering  Computer Science
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- Aeronautical Engineering  International Relations
- Electrical Engineering  Information Science
- Electronic Engineering  Computer Science
- Nuclear Engineering  Mathematics
- Aerospace Engineering  Economics
- Optical Engineering  Physics

All initial assignments are in the Washington D.C. area. Some require foreign travel. U.S. citizenship required.

Get an application form from the PLACEMENT CENTER, Room 10, Dabney Hall. MAIL IT NOW!! Qualified applicants will be contacted to arrange off-campus interview.

MAIL YOUR RESUME OR APPLICATIONS FORM TO:
L.L. CURRAN
P.O. BOX 669
LAWNDALE, CA 90260

The ASCIT president is basically in charge making sure ASCIT runs smoothly. This includes making sure publications are published on time, ironing out many ASCIT-related problems, reading and answering all ASCIT mail, and occasionally taking over other ASCIT BOD officer's jobs while they are on vacation. The president runs weekly BOD meetings; attends ASCIT Excomm meetings, acts as a liaison between ASCIT and the alumni, the faculty board, and the community. The office requires a significant amount of time, organizational capabilities, patience, and dealing with people, but is, on the whole, a rewarding job.

Vice-President
The primary duty of the ASCIT vice-president is to act as chairman of the Board of Control (BOC). As BOC chairman, this officer is responsible for educating new students about the Honor System, investigating cases brought to the Board, and presiding without vote at BOC meetings. In addition, this officer assists the president in running the corporation.

Treasurer
The ASCIT treasurer keeps track of ASCIT expenditures and corporation property. The job requires organization, patience, ability to interact with people, and, of course, a calculator.

Secretary
The job of the secretary is mainly to take and distribute the minutes, which now go to about 120 people. The secretary keeps the minutes and other relevant documents. At times, the secretary may need to print stationary, write articles for the Tech, post announcements, record nominations, and interview nominees for some appointed positions. Unlike the HIC or BOC secretaries, the ASCIT secretary is a voting member of the board.

HIC Chairman
HIC Chairman Inc. (BOC 9). This is a no unit course for freshmen, sophomores, and juniors who are highly motivated and show outstanding leadership potential. This course is self-taught and requires about 40 hours of lab work in September where the student organizes and carries out rotations. Attendance is required (at ASCIT BOD and of course HIC meetings every week). Consultation with Master of Student Houses, Housing Office, and the Deans is also required.

Director of Academic Affairs
The primary responsibility of this office is to chair the Educational Policies Committee, which produces the Teaching Quality Feedback Report. This involves distribution and collection of surveys second and third terms, and first term next year. This year's data and comments must be summarized, arranged in booklet form, printed, and distributed.

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The two director-at-large positions are designed to give people an opportunity to get involved in ASCIT without taking on the larger responsibilities of other offices. One director-at-large is in charge of the ASCIT bus, and the other organizes the research opportunity handbook.

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ASCIT Notes

ASCIT Elections are Coming

Many of you may not have realized it but next Wednesday, January 11, nominations for ASCIT elections will begin. In order to nominate yourself, you must sign your name in a place to be designated in next week's minutes and submitting a short statement in the mail slot marked "STATEMENTS" in the Dean's office. In order to help you decide if you would like to run for an ASCIT office, short descriptions of each office follow the ASCIT notes.

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What do fast cars, expensive meals, "beautiful" company, and large salaries have in common? Only that they have nothing in common with the job of Tech Editor. But why not

Be Editor of the Tech
Any way?
ARE YOU INTERESTED IN BUSINESS, PROBLEM-SOLVING, MARKETING, AND HARD WORK?

If so, please read the following job opportunity.

We are looking for a potentially high-powered person who is interested in a career position in precious metals trading. You would be working as a trader for a well-known, reputable, and well-capitalized West Coast-based precious metals company (established in 1965) that distributes gold, silver, and platinum in coin and bar form on a wholesale basis to banks, brokerage houses, and coin dealers throughout the United States and abroad.

Aspects of the Position

The job would entail on-the-job training and a lot of phone work; mathematical reasoning in looking at various CRT screens; thinking what the numbers mean and integrating those into prices; creative thinking; thinking about all of the markets and the activity; and thinking about what's going on around you.

—Training in national/international commodity trading of "physical" and futures.
—You would have a close working relationship with senior company personnel.
—There is an opportunity for creativity and originality.
—It's an opportunity for high-energy and problem-solving.
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Basic Trader Qualities

—An excellent mind (example: SAT/GRE scores in the high 700's to 800 on both math and verbal).
—Outstanding common sense/"street smarts".
—Must be able to react and make decisions quickly to market changes and the flow of business and make decisions quickly to market changes.
—Must be good at numbers.
—ables things through in advance (a strategic-thinking mind).
—Must be self-motivated, dependable, and professional.
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**Lights! Camera! Action!**

The Caltech Film Workshop is about to embark upon its major project for the year, and we need writers, actors, cinematographers, and anyone else interested in the practical or technical aspects of this production. The next meeting will be held on Wed. Jan. 11th at 5:15 pm in Winnett Clubroom 1, and will be the organizational meeting for this production. As always, anyone interested in doing their own independent projects are invited. In fact, everyone is welcome. See you there. [Chat]

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All clubs and organizations which wish to have their pictures printed in the 1983-84 yearbook should either submit their picture to 107 Winnett care of the Big T or contact editor Roger Fong (*3961) or send messages to 107 Winnett. This is to arrange for a Big T photographer to take a group picture. If no arrangements are made before February 20, then it will be assumed that no pictures will be forthcoming and therefore no space will be saved.

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