

Pyramids Have Power Blackout

By Spencer Klein

That placing food in a pyramid will keep it from spoiling was just one of the outrageous claims made by Pat Flanagan, proponent of "Pyramid Power," last Tuesday night in Winnett Lounge.

Flanagan compared modern reaction to pyramids to primitive tribes' reaction to a tape recorder. He said that, when confronted by something unexplainable, people either attack it or worship it.

He then gave his old theory on how pyramids work, which he has since discarded, but didn't explain why it is still so prominently touted in his December, 1977 catalog. According to this theory a pyramid works by focusing microwaves on whatever is placed in it. He said that the microwaves can affect water and enzymes, and sharpen razor blades.

He then launched into his new theory, which is based on something called informational entropy. He said that whenever something decomposes or gives off energy, it gives off waves containing informational entropy. He said that the pyramid reflects these back into the emitter, and thus slows down the decay, or energy loss. A mirrored pyramid would work better than an unmirrored one. However, he didn't say why a parabolic mirror or sphere wouldn't work better than a pyramid, which they should according to his theory. He also didn't explain why the corners of pyramids work better than the center.

He also claimed that when a diamond is immersed in distilled water, it would give off informational entropy, and decrease the surface tension from 76 dynes/cm to about 50 dynes/cm. He said this is because the diamond absorbs IR radiation and converts it to 'phonons'.

When asked about how his new theory explains how razor blades placed in a pyramid can get sharper, he replied, "I don't understand that razor blade thing myself." He then gave someone else's theory that, when shaving, the blade absorbs water into the crystal lattice, so becomes softer, and the pyramid causes a "ten to the minus ninth watt increase in the water dipole rotation rate." This somehow makes the blades sharper.



Lisa Anderson



Louise Kirkbride

Photo—Jim Fructerman

Tech Women Grads Possible Astronauts

By Jim Reichle

Two recent Caltech graduates may soon be among the first female astronauts from this country.

Lisa Anderson, class of '74, and Louise Kirkbride, who graduated in '75, have both applied for the position of "mission specialist" in NASA's space program. Mission specialists are the people who are in charge of cargo operations and on-board lab experiments during space flights.

Ms Anderson, 24, is currently working toward her PhD in environmental engineering here at Caltech. She has been interested in the space program as long as she can remember. She's an avid scuba diver, and she feels that her underwater experience would help her adjust to the weightlessness of space. Ms Anderson wants to complete her graduate work here before trying to go any further in the space program.

Like Anderson, 25-year-old Louise Kirkbride has been planning on a career in space since she was quite young. She

says she watched all of the televised space missions when she was growing up. She first heard about job opportunities in the space program during her first year as a grad here. Ms Kirkbride now has her M.S. in electrical engineering, and is working for the Jet Propulsion Laboratory on the development of electric vehicles. She is a private pilot, and she runs and swims to keep in shape. Last October, about six months after she applied, Ms Kirkbride was called down to the Johnson Space Center in Houston for a week-long series of tests and interviews. She was given four hours of psychiatric exams, a thorough physical checkup, several tests of strength and endurance, and a two-hour formal interview. She said that the interview was conducted by a "heavy duty" panel composed of lunar astronauts, Skylab crewmember, and other top NASA people. They asked her questions ranging from what she had been doing since high school to what her opinions were on some potential NASA projects.

Of the 6,500 men and 1,500 women who applied this year, only 200 were interviewed. As many as 40 of these may be accepted into the space program. (Because NASA's budget fluctuates, it is difficult to say exactly how many of the interviewees will be offered positions. Some may be assigned temporary public relations duties.) Ms Kirkbride expects to hear from NASA before mid-December.

Until recently, NASA's space program was populated almost entirely by men. This is partially because candidates with engineering and science degrees are preferred, and relatively few women pursue studies in these fields. Also, NASA has not been entirely nondiscriminatory in its past selection practices. In the 1950's, a capable female pilot named Jerrie Cobb was trying to break into NASA's space program. She was assigned public relations duties, and quit when she became convinced that she wasn't going to get any further.

Continued on page 2

He also explained how some products making this and other dubious claims appeared with his endorsement by saying, "I'll sell my name to anybody for \$10,000."

He was asked about where to go for further scholarly reading on the subject. He admitted that he has published no technical

papers, but said that he will be publishing one soon in the Journal of Chemistry and Physics. He added, "You're not supposed to believe it, you're supposed to research it and discover it yourself." He also described a simple experiment which he said would demonstrate pyramid power. Take twenty pieces of meat, and place ten of them out in the open and the other ten in pyramids. He said about half of the ones in the open would get rotten, while only two or three inside the pyramid would. Earlier, he had said that food placed in a pyramid would turn mummified, and that mummified food tastes better than the original.

Flanagan demonstrated a simple test to show the presence of informational entropy. A nonsmoking volunteer was selected from the audience. He "demonstrated" that when a package of cigarettes was placed in contact with the volunteer's skin, his muscle strength would

go down. It did appear to go down, but Flanagan never explained why the package had to be touching the subject, since apparently (from his other statements) informational entropy waves have no trouble crossing space.

Flanagan mentioned something about his earlier career. He said that at the age of fourteen he made his first invention, a "Neurophone," a device which allows nerve-deaf people to hear, and he fought the patent office for thirteen years before getting it patented. He didn't even mention that, according to his latest catalog, at the age of eleven, he invented a guided missile detector "able to detect the launching of a guided missile anywhere on earth."

His catalog also claimed that he worked on the Navy's Man-Dolphin communication program, designed a computer translator able to translate dolphin whistles into English and

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More on Planetoid Kowal

By Mark J. Rosker

More information has been collected in the past month about the celestial object recently discovered by Caltech's Charles Kowal. Although some sources have described the body as the "10th planet," Object-Kowal is thought to be 100 to 400 miles in diameter, the size of the larger asteroids. It is distinguished from the asteroids, however, in that its orbit is between the orbits of Saturn and Uranus, whereas most of the asteroids are much closer to the sun, mainly between Mars and Jupiter.

Mr. Kowal reports that enough observations have been made to now eliminate orbits with extreme eccentricities. The object seems to have an inclination of only five degrees to the ecliptic. The distance from the object to the sun is about 16 or 17 AUs. Mr. Kowal speculates that the body, for which he mentioned the term 'planetoid' as an alternate descriptive term, may be more Jovian in composition than the asteroids. Observations will have to be made with the largest telescopes before this can be determined for certain, however.

Object-Kowal was officially discovered on October 18. Kowal found it on a plate he took himself on the 48-inch Schmidt telescope at Palomar. Kowal is making a photographic survey of the entire sky. Having just begun this project, he hopes to make more exciting discoveries of objects in the solar system.



Charles Kowal

Photo—Floyd Clark



G. Patrick Flanagan

Photo—ed. Bielecki

From The Cerebrum

One Hell of a Term Bill

Things grow old, things wear out, and things need to be replaced. The concept seems very simple, but the Administration does not seem to understand it when it comes to the Student houses. The old houses (on the south side of the Olive Walk) are in a deplorable state, and as foolish as it sounds, it is only a matter of time before the new houses (north of the olive walk) will begin to wear out. Caltech apparently wishes to take no responsibility for upkeep of the student houses. Students are forced to be policemen or spies so that any name can be given to the housing office so that it will bill someone else and avoid the expense for the house. It even becomes questionable as to whether house government is for the students or was created by the housing office to provide a fund that it can tap for money and have a nebulous entity known as the 'house' that it can send bills to.

What do students get for the privilege of living on campus? Students have the privilege of a room that gets cleaned by the maids once every two weeks. They get the privilege that if they want to make their room liveable that they will receive \$50 for room improvements, although painting a room is not considered an improvement. Adding carpeting to the stone floor (almost like a monastery) is an improvement. But this ignores the fact that most carpet remnants are at least \$80. There goes the \$50; and if a student would like to put up shelving it is now coming all out of his own pockets. It seems ridiculous that a student would then go to the trouble of ripping the shelving braces out of the wall and taking them with him when he leaves. So the shelving stays in the

rooms as a permanent improvement free of charge to the Institute.

Moving outside the rooms, a student can watch the time development of the carpets on the steps, as week after week the maids will shift and shuffle until, when there is not one solid square inch of carpet left, it is completely removed and the steps left bare and unsafe. For cooking services (food service provides only 10 meals per week) there are 'kitchenettes' scattered around the house. A student can find a sink and a hot plate with a refrigerator nearby. Cooking is slightly limited due to availability of the precious hot plate, whether a student can stomach preparing food on a wooden countertop that was recently painted dirt brown, and items on the counter at the time of the paint job that were not moved (I kid you not).

The maids report all damages found but routine maintenance seems to be avoided. Perhaps the housing office does not find it strange that circuitbreakers in one alley will control the lights on the other side of the house, or that timers for the hall lights are set to go on at 9:00 am and shut off at midnight. When complaints are registered, the usual response is that students are responsible and the maids can do nothing about it. Yes, students may have played with lights to make color organs in the alley, but that was 6 years ago. Are students responsible for previous tenants? The carpets in the lounges were removed at the beginning of summer for cleaning. During the first week of school in September, students had to go down to the maids and bring up the carpets themselves, or else they probably would still be stored away with the maids.

We realize that blame cannot be attributed directly to the maids or the housing office directly because the crime is one of neglect. If nobody tells anyone to do something specific it just is not done. What needs to be changed is the attitude that the Administration is not responsible for more than the academic side of student life. If they plan to provide housing for students, they should do just that; provide adequate housing—not just a cell for four years. The houses are going to crumble eventually, and if something is not done now, the students living in the houses at that time are going to get a very big bill.

—Michael Kurilla

Continued from page 1

Techers Aloft

NASA has no record today of any services performed by her.

Things are apparently different today. Eight of the twenty interviewees in Ms Kirkbride's group were women. She says she felt "no prejudice whatsoever" while in Houston.

It has been pointed out that since women are smaller and lighter than men, they would consume less food and air on a space flight. The Soviet Union has used women for several years. Ms Anderson feels that when there are more role models of women in NASA, more women will be attracted to the program.

Tech Women Not Second Class

To the Editor:

More and more it appears to me that the women at Caltech are being sorely mistreated. It may seem strange that this could be so in a school where the male populace is so starved for affection that a student can have all the attention she can handle merely by virtue of being female. However, as one of the prime offenders, I see it as an inescapable fact, serious enough to deserve consideration by the rest of the student body. I feel qualified to address this situation without bias since I am an unattached male freshman, and thus have no strong emotional ties to women in general, a woman in particular, or the Caltech way of life as a whole.

The problem is that the Caltech women are in many ways made to feel that they are a kind of inferior grade of female. The most blatant example of this abuse is the common—almost cliché—discussion about how almost all the girls appear to

have escaped from the local kennels or some similar derogatory remark about female Techers' looks. This theme runs all the way from dinner jokes to bull sessions to graffiti on the walls. The mentality and personality of Tech women is similarly insulted. On a more subtle plane, a distinction is often drawn between Tech women and "real" women. People talk about going out and importing some real women; about being wowed by the real women they see in the outside world; or about how far desperation has caused their standards to slip in that they were beginning to see even Tech women as pretty. Still another example is the backhanded compliment; "You're awfully pretty, for a Techer." In these and many other ways do we abuse our better tenth.

I would like to suggest that it is we, the men, and not they who are responsible for our low

evaluation of CIT's coeds. It is unreasonable expectations rather than poor quality that lies at the root of the problem. First of all, our concept of beauty, instilled in us by advertisements and movies, is based upon a type of woman so vain as to spend a large amount of her time, effort and expenses disguising herself as something more attractive than she is. Women with less vanity and more worthwhile pursuits appear unattractive to the casual observer. Secondly, a re-exposure to "high school life" has given me a renewed appreciation—that most Techers seem to lack—of the maturity, thoughtfulness, and un-self-centered nature of Tech women. Finally, it would be unreasonable to expect that in a school as small as Caltech and populated with as flaky—by real world standards—a bunch of people should attract a beauty pageant of females to come here. In short, our very frustration blinds us to the positive side of our situation.

Our women do not deserve to be unjustly treated. They form an important and enriching part

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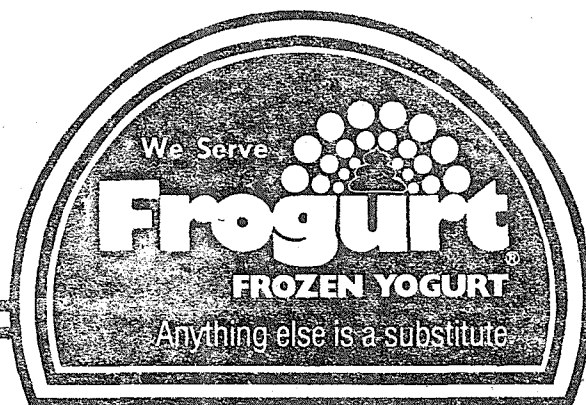
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In Your Copious Free Time

Places to Go, Things to See

On Campus:

Dr. Murray Gell-Mann, Robert Andrews Millikan Professor of Theoretical Physics, will speak on "The Search for Unity in Particle Physics" as part of the Earnest C. Watson Lecture Series. The lecture is at 8 pm in Beckman Auditorium on Wednesday, December 7th and is free and open to the public.

Pulitzer Prize-winning columnist Jack Anderson will speak on "The News Behind the Headlines" at 8 pm in Beckman Auditorium on Tuesday, December 6th. Sponsored by the Caltech Y, this event is free and open to the public.

Pasadena Area:

The Ice House in Pasadena (24 N. Mentor) features Denny Brooks, Willie Tyson, and Tom Sharp in acts of comedy, music, and satire through this Sunday. Monday the fifth of December is reserved for the Jazz-Rock group, PARTY HATS. The comedy team of Roger and Roger, singer/songwriter Bob Lind, and

singer Stephen Michael Schwartz will be appearing on stage through December 11. Call 681-9942 for reservations.

The Pasadena Chamber Orchestra will present its debut concert Monday, Dec. 5 at 8:30 pm in the Gold Room of the Pasadena Civic Auditorium, 300 East Green St. The 30 member ensemble will perform works by J.S. Bach, Wagner and Mozart as well as the world premiere of a work by George Heussenstamm. Led by founder/conductor Robert Kenneth Duerr, the new orchestra will be heard in four concerts during its inaugural season in Pasadena. Call 578-1848 for more information.

Greater Los Angeles:

The East West Players, 4424 Santa Monica Boulevard in Los Angeles (660-0366), are currently presenting three plays in repertoire, "Points of Departure," "Bunnyhop," and "Once Upon In America." "Once Upon In America," recently opened, focuses on a pilgrimage

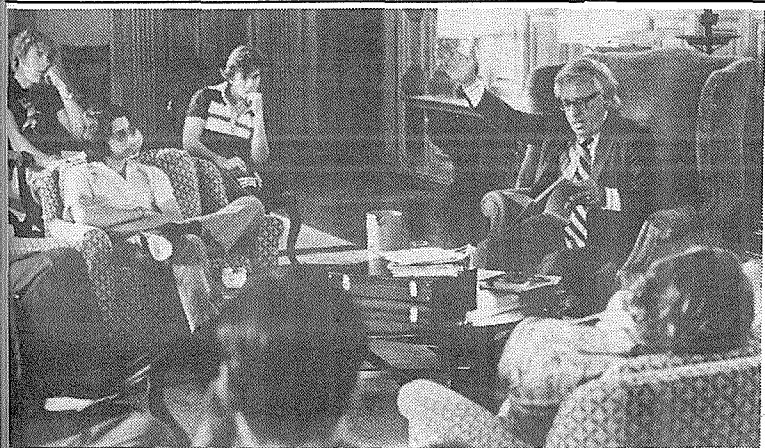
made by an old Japanese woman to her homeland in the year 2002 AD. The course of the action moves back and forth in time weaving the story of Japanese American immigrant life.

The La Mama Theatre in Hollywood, 1276 North Van Ness Avenue, is currently presenting Morpheus Productions Act 1, "an evening of music, madness, and mirth with the CLIQUE in PARODIES" through December 31. Call 463-0703 for more information.

Dickens' immortal story, *A Christmas Carol* will come to life this holiday season from December 22 through December 30. It will be presented by the Improvisational Theatre Project at the Mark Taper Forum of the Music Center. The tickets are not expensive and this would be an excellent opportunity for those of you stranded here over the holidays. Call 972-7211 for ticket information.

Violinist Aaron Rosand will appear with the California Chamber Symphony in Royce Hall, UCLA, on Sunday evening, December 11 at 8 pm. Works of Mozart and Sir Arthur Bliss will be performed. Call 658-8944 for more information.

—David Ritchie



Photo—Joe DiGiorgio

By Al Kellner

Noted science fiction author Ray Bradbury conducted a Creative Writing Workshop on November 19. The four-hour-long workshop, sponsored by the Caltech Y, concerned itself with the fabrication of ideas. Bradbury commented that there is never a lack of ideas. An aspiring author needs to have a lot of input—poetry, fiction, and

essays—in a diversity of fields.

Bradbury commented on how he obtained ideas for stories, recounted many humorous anecdotes. He also discussed the history of ideas, claiming "We did it first in America! We're a culture of ideas!" Bradbury went on to read several selections of his poetry, stating that "this is something I don't get to do at home!"

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Start Searching for the Summer

By Dale Johnson
and Brett Stutz

It may seem too early to begin worrying about your job for this summer, but now is the time to start looking. Jobs in technical fields, whether in industry or at Caltech or JPL, fill early.

There are basically two types of jobs which will provide some work experience in a technical field and look good on your grad school application. First are jobs in industry either in the LA area or near your home. Second, there are usually many jobs available on campus.

If you enjoy staying at Caltech, the latter may be a good

idea. If you want to do work in a particular area you should let your name be known to some professors in that department. The professor often will not know if he will get sufficient funding to hire you until the last few weeks before summer begins; even so, it's a good idea to get your name on the professor's mind fairly early. An application for a job at JPL should be filled out when they become available in the Placement Office (located in Room 8, Dabney Hall). (Free shuttle bus transportation from Caltech to JPL is available.)

The jobs which require the most immediate attention are

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Thurs.-Sat.	GAMES plus POD
Sunday	THE DOGS THE CYCLONES LACE
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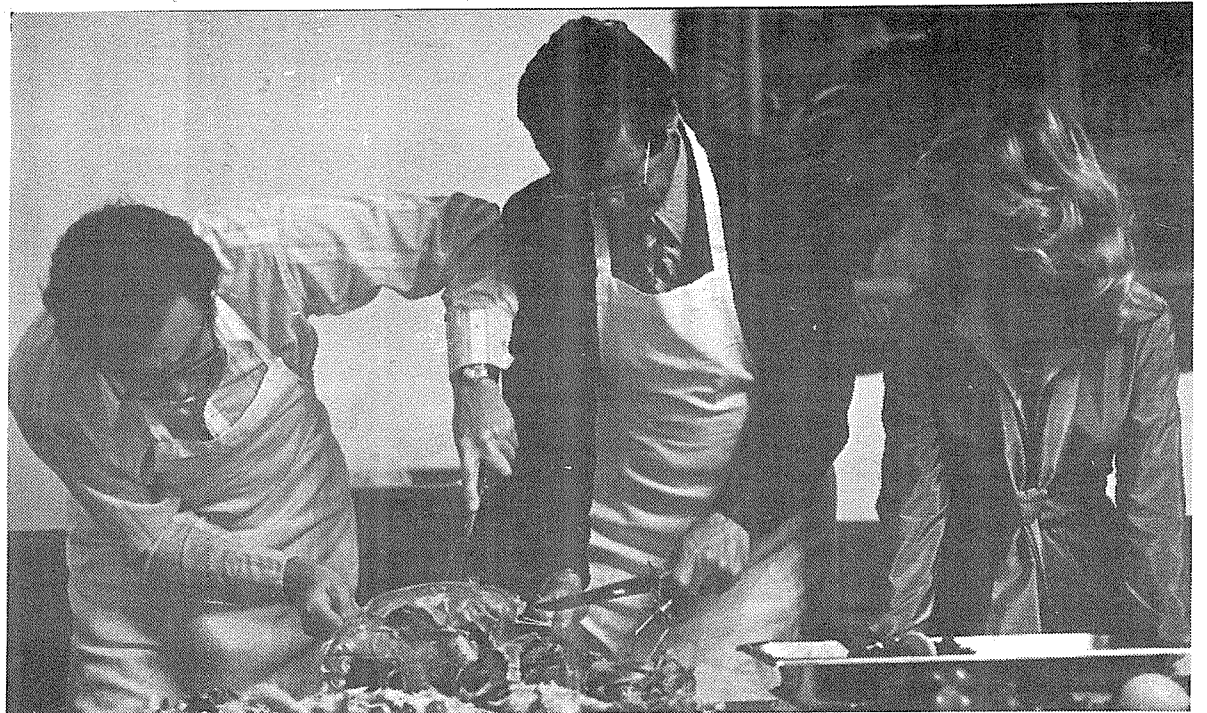
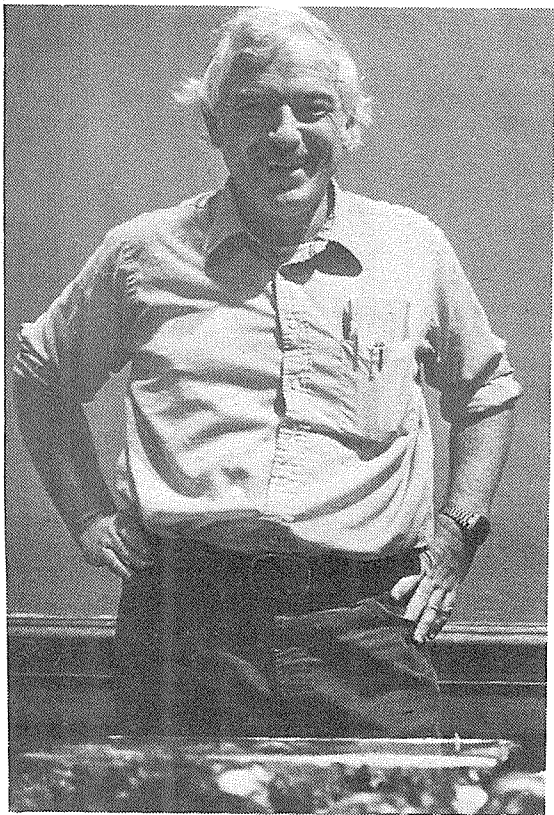
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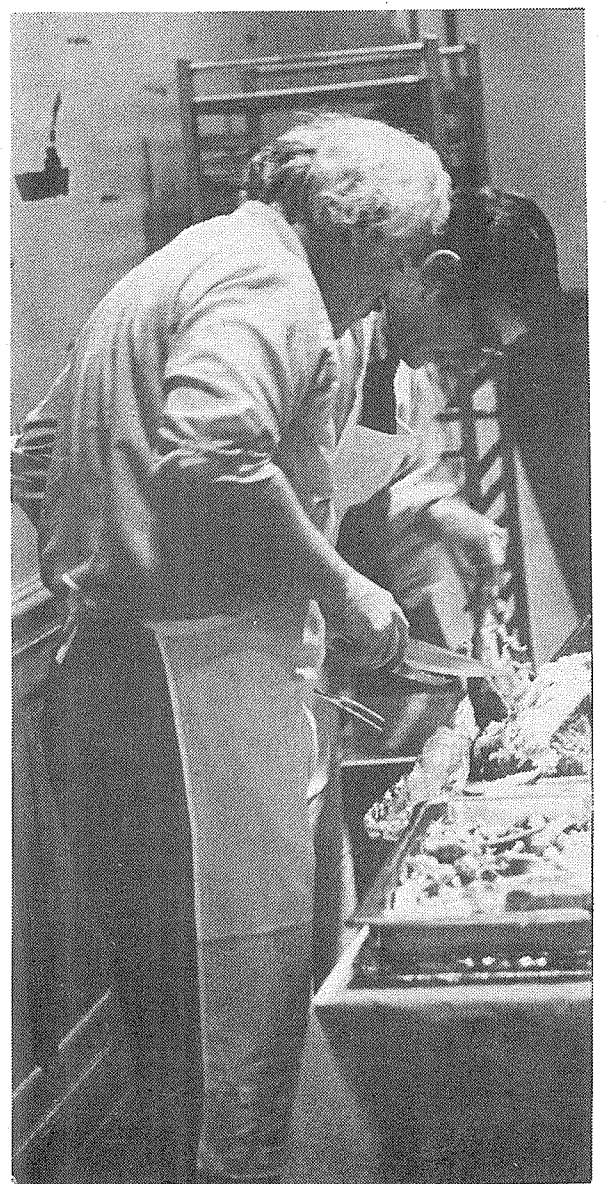


Take on Turkeys

Photos by
Don Bacon
ed. Bielecki



in Student Houses



Pre-Finals Flics

This week Cinematech finishes its fall season with two films by Fritz Lang, the German director who emigrated to America when Hitler rose to power. To show the full range of Lang's abilities, a film he made while still in Germany, and his second American film will be presented. Lang stands as one of the truly great directors in film history with his film career beginning with silents in 1919 and extending to 1960.

The first feature will be *M*. Made in 1932, it was Lang's first attempt at sound. The reasons for the time lapse in making his first sound picture stemmed from contract disputes with his last silent film, *The Woman in the Moon*, made in 1928. Lang almost stopped making films altogether, but conditions that gave him complete control over the production enticed him back to work.

M is a manhunt: a little fat man is the hunted, and the police and the underworld are his pursuers. The story is based on the actual case of a murderer known as the "vampire of Dusseldorf." Peter Lorre, in one of his greatest roles, plays a sexual psychopath who murders little girls. The police, in their haste to catch him, disturb the normal everyday crime that goes on in the city. As a result, the underworld organizes to find Lorre so crime can get back to normal.

Lorre's acting is simply fantastic. The audience is slowly drawn into identifying with a murderer who, in spite of his deeds, is seen as a suffering, terrified human being all alone in the world. When trapped by the underworld, his only defense comes from the heart of every human being on this earth, "I can't help myself."

It is interesting to note that although the censorship board in Germany felt the film was contrary to what they believed right, they recognized the film as such an exceptional work of art that they chose not to censor any of it. Also of interest is the fact that Peter Lorre cannot whistle. Since a scene calls for a blind man to identify Lorre as the killer by his whistle, Lang dubbed his own whistle into the sound. Now Lang cannot whistle in key, and the result is a wierd, troubled sound that adds to Lorre's character.

The second feature is *You Only Live Once*. The plot is rather simple: it concerns an ex-con who tries to go straight, but is accused and convicted of murder on circumstantial evidence. Before his pardon arrives, he escapes from prison, killing a priest who tries to stop him. Finally, after a cross-country chase, he is gunned down.

From just a mere plot summary, the story seems artificial and forced, but Lang's style and artistry give the film a natural smoothness. To understand the film, it is necessary to understand the attitudes of the times. Lang's purpose was social comment. When Eddie was released from prison for the third time, he was asked if he would go straight. His response was very pessimistic. "I will, if they'll let me." Lang's statement was that Eddie was a criminal because society wouldn't let him be anything else. His previous three times in prison had determined his fate. Finally,

when wrongly accused of murder, he does murder, as if acknowledging his acceptance of his relationship to society.

It is interesting to note that Eddie has so little control of his own life, that his wife convinces him to turn himself in, since he is innocent, and thus has nothing to fear. His life is so much out of his hands that it is not until he is dying that he hears the voice of the priest, "Eddie! You're free, Eddie—the gates are open!"

Cinematech is presented Saturday night in Baxter Lecture Hall at 7:30 pm. Donations are \$1.00 for members of ASCIT and GSC; 75 cents for children under 14; and \$1.50 for those who are none of the above.

For Friday night entertainment, come so the ASCIT movie. This week ASCIT is presenting *Dark Star*. ASCIT will transport you to deep space some time in the mid-twenty first century, right aboard the

scoutship "Dark Star", which has been cruising around space for twenty years. Its mission is to find and destroy unstable planets that could later prove hazardous to colonizers who will eventually travel to those star systems. The film gives the appearance of something mystical a la 2001, but the bombs, a frozen captain, and faster than light travel with insta-stop combine to make the film ridiculous if viewed from a serious standpoint, but downright funny and very enjoyable when viewed from a satirical standpoint. The film is hysterical: that's all there is to it. To quote Margaret Ronan of Scholastic Magazine, *Dark Star* is way, way out, and right to the point at the same time."

ASCIT films are presented on Friday night in the same place as Cinematech, at 7:30 and 9:30 pm. Admission is 50 cents for ASCIT members and 100 cents for everyone else.

—Michael Kurilla

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Pyramids

vice-versa, and designed a number of "high security speech scramblers now in use by top secret government agencies."

During the talk he mentioned that he had worked at Aberdeen proving grounds, and while he was there the marines were running around with dousing sticks finding buried ammo dumps.

In general, Flanagan's talk last Tuesday was a big disappointment to most people. He had promised to describe how pyramids work in technical terms. He didn't get very technical, and he jumped around from one subject to the next so fast that it was almost impossible to tell which explanation went with which effect, or to pin him down and get a clear answer to anything. He also was in the

habit of listening to a question, nodding, saying something generally agreeing, and going on to the next question without answering the first. Flanagan's talk was sponsored by the Caltech Y.

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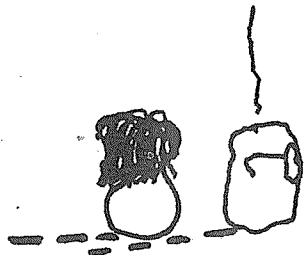
Tech Women

of the Caltech community. The way, then, of effecting at least a partial solution to our 'problem' is clear. Through a change in our attitudes and actions toward Tech women we can create an image of Caltech as a place where women are a respected, desirable, and well-treated part of the general student body. This will attract women who deserve to be respected, desired, and well-treated to Caltech and thus ameliorate the 'problem' our mistreatment has helped cause.

A Frosh

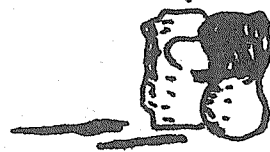
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SOCIOLOGY OF THE
MALE UNDERGRADUATE...



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SONG
Bedlam!

...DESPITE THE IMMINENCE
OF FINAL EXAMINATIONS,
THESE STUDENTS ARE EN-
GAGED IN A FORM OF RITUAL-
ISTIC CELEBRATION INVOLVING
THE CONSUMPTION OF GROSS
QUANTITIES OF ALCOHOLIC
BEVERAGE.



TINTINNABULATION!
BEER, BEER, BEER!
GLORIOUS
RACKET
LECHERY

I, ON THE OTHER HAND,
HAVE DEVOTED THE ENTIRE
SPAN OF MY WAKING HOURS
FOR THE LAST SIX MONTHS
TO THE SERIOUS PURSUIT
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LIKE IT WHEN
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PARTY
SHOUT

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DEMONSTRATING THE
INCONTESTABLE SUPER-
IORITY OF INTELLECT
OVER IRRATIONALITY,
AND... AND...



SO FOLLOW
ME, FOLLOW...
REVELRY
SHOUT
CHUG

GUSTO
CELEBRATION
INTOXICATION
...AND SOON WE
WILL SWALLOW...
INCONTINENCE
ROCK
ENTROPY



THERE ARE THINGS
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PIANIST NEEDED: for 15 minute "spicily funny" Cabaret Act audition. A few rehearsals involved plus a 15 min. audition at Ice House, Pasadena. Three original tunes written by performer. If interested, leave a message for Maggie Scott at 799-9060, Wed.-Sat.

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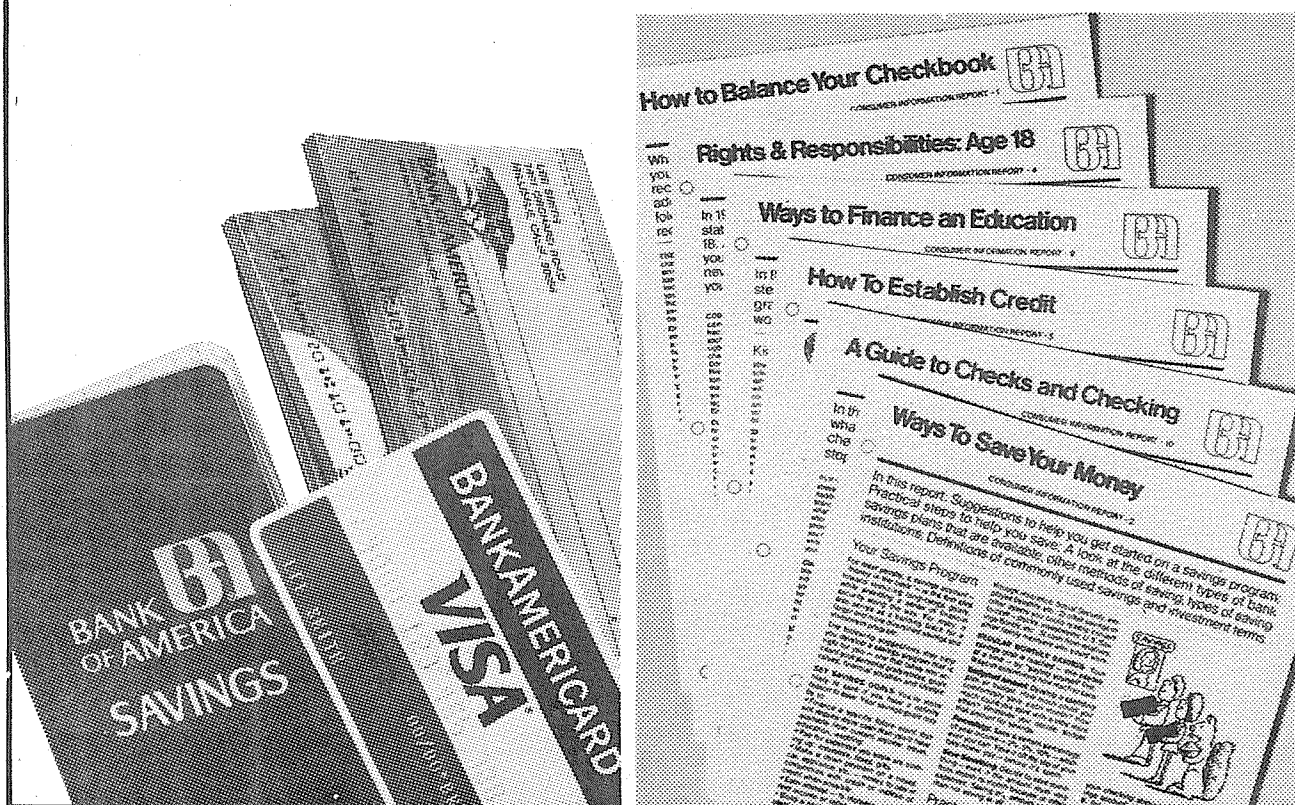
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Breast Examination Class Offered

A training session on breast examination, the most effective precaution a woman can use to be certain breast cancer will be detected early, will be held in South Pasadena on Friday, December 2, Friday, February 3, and Friday, March 3—each session to be held from 10 am to noon, at the South Pasadena Women's Club, 2022 Camden Parkway in South Pasadena.

Each session is complete, so that interested women need attend only one to see the film and learn the technique for examining their breasts each month to detect lumps while they are small enough for early removal if malignant, according to Barbara Klein, R.N., chairman of Red Cross Nursing and Health programs in South Pasadena.

Continued from page 3

Summer Jobs

those lucrative positions in industry. Often a research or quality control department needs somebody who can work competently in the lab when the company can't afford a professional. Also, many firms find that students are capable of handling their computer programming needs. A resume, an application, or at least a letter indicating some interest should be sent by February at the latest; most jobs are filled by March or April. Details concerning resume writing can be obtained in the Placement Office.

If you don't know where to apply, look around while you're home for Christmas. Telephone an interviewer if possible. Take a resume with you, or tell them you will send it later.

However you arrange it, be sure some prospective employers

know by February that you want a job. Then write a follow up letter in March or April to remind them that you are still interested. After that, keep your fingers crossed and wait patiently!

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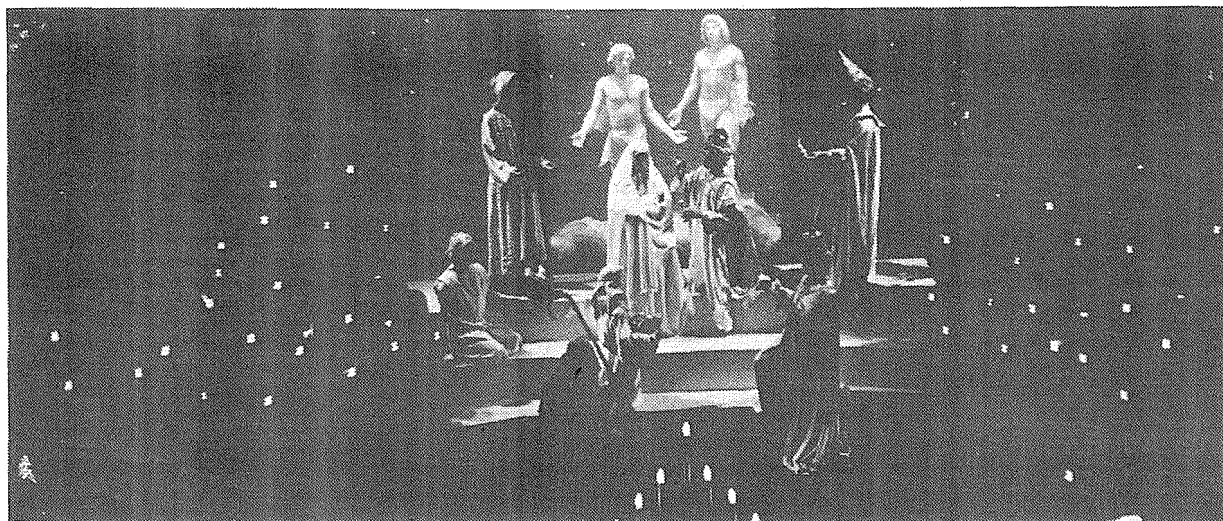
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All The News That Fits

Halt and Be Identified!

There are still many lonely ID cards waiting at the Registrar, for people to give them good homes.

Hobbit On a String?

The Caltech Women's Club's annual Christmas party featuring the Middle Earth Marionettes will take place on Sunday Dec. 11 from 4-9 pm at the Athenaeum. Buffet dinner will be served from 5:30-7:00 pm. Adults \$4.25, children 12 and under \$2.25. For reservation information see your C.W.C. December bulletin or call Mary Neill at 794-6045. Reservations close Monday, Dec. 5. Do not call the Athenaeum!

For Those With Four Ears

Mu 16, The Four Hand Piano Literature: History, Analysis, Performance, 9 units (3-0-6). This will be taught by Elma Schonbach and will include a historical survey of original piano music written for two players at one or two pianos from Bach to the present day (arrangements for eight hands will also be included). Attention will be focused on the stylistic trends of various periods and composers through written work and actual participation. Pianists with varying degrees of performing ability will be admitted to the class at the discretion of the instructor.

Stand Up And Sign Up

Nominations are still open for the position of Big T Business Manager. Sign up on Flora's door in Winnett.

Schussers Unite!

There will be a meeting of the Ski Club on Tuesday, Nov. 6 at 10:00 in Winnett, Clubroom 1.

Dying Seas Are Too Much

Yesterday's Y noon discussion was cancelled by Dr. Werner Stumm, Distinguished Fairchild Scholar, because of an unapproved addition to his announced topic-title. Dr. Stumm felt that the reference to the "dying seas" was inappropriate and sensationalistic. The Y regrets the misrepresentation of both Dr. Stumm's perspectives and his scheduled noon discussion topic.

Be a Master Of Public Policy

The application deadline for the Master's program in Public Policy at Harvard is Jan. 15, 1978. It is an interdisciplinary program—economics, quantitative and analytic methods, political analysis, and public management—as preparation for a career in public service. Academic rigor plus real-world applications. Outstanding academic credentials required. Write: Kennedy School of Government, Harvard University, Cambridge, Mass. 02138.

So You Want A Job, Eh?

The following companies will be on campus to interview Ph.D. Candidates and Research Fellows for possible employment during the period 5 Dec.—9 Dec.:

Dec. 5—Oak Ridge National Laboratory;

Dec. 5—Center for Naval Analyses;

Dec. 7—Raychem Corporation

If you are interested making an appointment for an interview, you may sign-up in the Placement Office, Room Dabney Hall.

M. C. ESCHER

Concave and Convex Belvedere

Mosaic II

Square Limit

Waterfall

Flatworms

It was about eight years ago that I first wrote M. C. Escher in Holland. Several months and letters later, I had acquired nine signed and numbered Escher prints—both wood block and lithograph. Nine Eschers on the walls is too many, so I want to sell the six listed above.

Naturally, I retained all of Escher's correspondence to me. Everything is entirely in his own handwriting, so there's no problem being certain my prints are authentic.

My price will be about midway between what you'd pay in a gallery and what that gallery would pay me. That still won't be cheap—between \$3,000 and \$4,000—but you'll be saving \$1,000 or more. We'll determine the exact figure together; the largest Escher gallery is in Laguna Beach.

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Penthouse-Business Services Bldg
7:30pm, Dec. 4
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Dorene Lehavi, tel. 799-4450

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