

# FINAL

# The CALIFORNIA Tech

## One of The World's Great Newspapers

Volume LXXIX Number 25

Pasadena, California

Friday, March 10, 1978

## Marvin Goldberger New Institute President



Dr. Marvin L. Goldberger

photo: Al Kellner

By Gregg Brown

The Board of Trustees announced Monday that Dr. Marvin (Murph) Goldberger has been selected as the new Institute president, replacing temporary President Robert Christy.

Dr. Goldberger, 55, is at present a professor of physics at Princeton University, a post that he will leave to start his duties at the Institute on July 1st of this year.

He is a member of the National Academy of Sciences, a fellow and vice president-elect of the American Physical Society, a fellow of the American Academy of Arts and Sciences, and a member of the Council on Foreign Relations.

Dr. Goldberger was selected at the end of a year-long process by the faculty and trustees. Although he was the only public visitor to the campus, two other candidates elected to visit the campus privately. Their names have not been made public.

Dr. James J. Morgan, member of the faculty search committee, was quick to point out that although Dr. Goldberger was clearly a strong contender for the position, he was not the only

candidate under consideration. Twelve candidates were presented to the trustees at the end of first term, and the two other candidates were under consideration at their March 6th meeting.

In confirmation of this, Dr. Goldberger said in a telephone conversation that he had been informed of the trustees' decision on March 6th, and was not privy to any information prior to that date.

He also said that he had informed Princeton officials that he was being considered for the job just before his on-campus visit; he informed them of the Institute's decision soon after he knew it.

Dr. Goldberger stated that he was serious in his attempt to pursue teaching as well as administrative duties as president of Caltech, despite faculty doubt about the feasibility of the logistics of such a situation.

He also stated that while he doesn't feel the proper way to start at a place like Caltech is to come in swinging a battle axe, his enthusiasm about pursuing several new programs, including

formalized junior research and senior thesis work, has not been dampened.

Dr. Goldberger, according to an Institute news release, has been heavily involved in international affairs. In 1972, he headed a scientific delegation to the People's Republic of China that also arranged the first visit to the U.S. of a group of Chinese scientists.

The new president will be visiting the campus in about 10 days, and promised to participate in an interview at that time. Plans for his inauguration are being formed but are still in the very initial stages.

## ASCIT Budget Approved in Record Time

A \$17,365 ASCIT budget was approved last Monday evening at the budget meeting in Winnett Lounge. Ray Beausoleil started the meeting by asking the people present to keep a cool head, and to keep in mind that ASCIT has to cut back this year.

Dan Whelan gave a treasurers report. ASCIT has \$17,500 to spend, allowing \$2000 for next years administration when they take office.

The fixed cost items amounted to \$4023. These are things that must be included in the budget. They were: Big T salaries —\$800, little t salaries —\$250, TQFR salaries —\$350, ASCIT bus subsidy —\$750, insurance —\$300, telephones (for the ASCIT president, vice-president, secretary, IHC chairman, and the ASCIT office) —\$300, secretarial supplies —\$80, and overhead —\$1193. Beausoleil explained the telephones saying that the officers get seven or

eight calls per week, and that the phones are certainly needed.

Athletics was given \$1300. They had originally requested more (1900) and Edward Chan, one of the Ath men, wanted to know why it was cut. Beausoleil said that many of their items were overpriced. Chan accepted this amount.

The BOC was given \$200.

The educational policies committee was given \$100.

The ESC was given \$4000. They had originally asked for \$6000. Leila Gonzales, the ESC representative said she wanted to only ask for \$5000, but the rest of the committee talked her into asking for \$6000. The money will go to help sponsor two and three house parties, pay for two beer blasts per term ('corporation meetings'), and go for a beach party, a semiformal party, and an ASCIT/GSC party. It should also pay for transportation to a dance class now being planned, to be

held at Mount St. Mary's College.

The IHC was given \$300.

The ASCIT movies were given \$3000. They had asked for \$4000, and passed around a list of movies to be shown. They included such titles as *Silent Movie*, *The French Connection*, *Patton*, *Slaughterhouse Five*, *The Front*, *The Sting* and an arty film at the end of each term, in addition to many others. They said they would have to change some of their selections if they were not given the extra \$1000.

No-one from the Alpine Club was present, so it was given the \$60 it had requested for a new rope.

The Black Students Organization was given the \$100 it had requested.

The Caltech Chinese Students Association was given \$400. The preliminary budget showed them getting \$350, but they were

Continued on Page Two

## Leakey Lecture

By Richard Willson

Speaking to a crowded house in Beckman on Tuesday night, Dr. Mary Leakey (who, with her late husband is famous for the discovery of fossil remains of *Zinjanthropus*, among other things) reported on her latest findings in the field of prehistory. Her recent work has been done at Laetolil, an area approximately 20 miles south of Olduvai. The Laetolil deposits were laid down by a different volcano than those of Olduvai, and cover a long period ending at the beginning of the Olduvai strata.

At the Laetolil dig, many very thin layers containing well-preserved tracks have been unearthed. The excellent state of preservation of the tracks, along with the characteristic pitting of raindrops, indicate that they were made in dry volcanic ash and were quickly filled in. The tracks, which were discovered when a visitor to the site literally stumbled over them, include species of hyenas, fowl, rhinos,

and giraffes, as well as one previously unknown species. It seems likely that the area was once the shore of a shallow lake basin, as the dick-dick, a contemporary bird known not to drink water, is conspicuous by its absence. (It gets water by eating dew-laden vegetation at night, by the way.)

Perhaps the most interesting set of prints are those of an early ancestral homonid. The creature, which has not yet been definitely classified as a member of genus *Homo*, is represented by 5 prints in a line in a layer slightly below one which has been dated at 3.59 million years B.C. (This is in contrast to the *Zinjanthropus* specimens of Olduvai, which are dated at about 2 million years.) The prints are broad and short, 15 centimetres long with a 31 cm. stride, and appear to belong to a primate about 1.25 m. tall. The homonid apparently dates from the time of the earliest appearance of complete bipedalism in the human line of

Continued on Page Seven

# ASCIT Budget Approved

Continued from Page One  
given the additional \$50 when they explained that there was no way to cut their expenses.

Cinematech was given \$500, what they had asked for.

The Ice Hockey team asked for \$500, but was only given \$125. This was because they had only four ASCIT members. Beausoleil explained that there was no way to give an organization with that few ASCIT members more, despite the fact that he realizes how much they need the money, and that they are one of the few winning Tech teams.

Jam Room recieved \$250. Karate Club recieved \$120. The Men's Glee Club got \$500 and the Model U. N. recieved \$250. All four appropriations were accepted without question by their recipients.

The Sailing Club recieved \$250. They will take this money, an equal amount from the Athletic Dept, and get an institute loan, to buy a new sailboat. The loan will be for five years. The boat will cost about \$2500. Their present boat is not competitive because it is too slow.

Scuba Club recieved \$150, Skiing Club \$250, and Student Shop \$600, also without comment.

The Caltech Y recieved \$300 for decompression. They had asked for this and \$300 for noon concerts.

The Chess Club recieved \$30, Women's Glee Club \$100 and the Caltech Musical \$400, all without comment. This was in contrast to earlier this year when there was a controversy over whether to give the musical more money.

The preliminary budget was then approved. Two more late requests were then considered.

The Deep Space Team requested \$100 for transportation out to the desert to launch rockets. Most of the BOD felt that they should pay for their own transportation (as

do virtually all other clubs). The BOD also expresses concern wthat the club has too few members. Jose Helu said that the club had eight or ten members. However they have only had two or three members at their launches this year (due to problems in scheduling, because it is only legal to launch rockets the last Sunday of each month. He said this is because a police helicopter was once shot down.). Also, Helu admitted that most of the members are in Lloyd.

He claimed that if they got the money, there would be more Dan Whelan said, "I think that three people going to the desert sounds like you and Mary going on a date and taking a friend."

Jose replied, "I don't usually launch rockets on a date."

Helu also admits that he hasn't tried other sources of funding. The BOD decides to give him nothing.

The Caltech Christian Fellowship asked for \$400. Whelan observed that costs could be reduced greatly by decreasing space wastage in the *Fishline*. CCF was finally given \$250.

The final budget was approved with these two additions.

The BOD also passed a resolution to have the Excomm look into the possibility of raising ASCIT dues.

Larry Friedrich expressed his concern over the number of freshmen he knows who are taking leaves this year. The BOD passes a motion that the EPC look into it.

The budget meeting was over at 9:07, setting a record as by far the shortest budget meeting in recent years. The next ASCIT meeting will be April 3 at 7:30 in the Y Lounge.

## Real World Technology

To the Editor:

As one of the few techers who are aware of happenings in the *real world*, I feel it necessary to make some average teacher zombies cognizant of the genuine needs of society (before you indignant upperclassmen say "shower the stupid frosh," read the rest of the letter).

You people absorb all of this stuff that the profs pump into you and then go out to build nuclear power plants or help some giant corporation synthesize deadly but profitable chemicals. What you don't realize is that the continuance of life under acceptable conditions necessitates the development of a cheap, clean and thermally non-polluting (compared to fossil or nuclear) energy source. Now that space-based manufacturing of satellite solar power stations has been proposed and shown to be feasible, you just laugh and say "isn't that cute" (or in the majority of the cases, you remain totally ignorant of the concept).

What is it with you people? Don't you realize that we are here to learn so that we can use science and technology for the benefit of society? If anybody out there (including profs and grads) recognizes the vast potential of space industrialization and thinks that research in its many facets should be accelerated, feel free to contact me.

Ralph C. Weeks

## Ritchie's Ramblings

By David Ritchie

Well, it seems that I have moved somewhere in the world. Whether going from Entertainment Editor to a political and student affairs commentator is moving up, down or sideways I have yet to determine. A lot of change has come to the Institute this term. Some good, some bad, and some indifferent. Probably most indifferent. We have a new ASCIT president and all new ASCIT officers and hope that they will do a good job for we students. Beausoleil and company certainly seem to be moving in that direction. We have a new Tech Editor, Spencer Klein, who has the capability to make something decent out of the *Tech* after several years of mediocrity. He needs encouragement and time to get used to the job. He will make mistakes, but his intentions are good. Most importantly, I guess, is Monday's announcement of a new Institute President. Marvin Goldberger is coming west from Princeton to step into the ominous shoes of Harold Brown and his predecessors, DuBridge and Millikan.

Goldberger is the one candidate that the Presidential Search committee came up with who had the guts to stand up and admit that he was considering the job. Not to cast any doubts on the character of the other candidates—I'm sure

they had valid reasons for keeping it all quiet—but Goldberger's willingness to meet with the students earlier this year is a positive sign that he will be willing to confer with them and, much more importantly, allow them to confront him after he takes over in July.

The Institute President can do many things. He can remain quiet and stay away from controversy and not do anything positive for the students. He can cut back the budgets of all departments and lower the standards of education at Caltech. I certainly don't think that the Board of Trustees had these grim hopes in mind when they decided that Goldberger was to be the new Institute President. I think that they really want to see Caltech at "The Leading Edge" of science, education and research in this country. To do that, however, they must make a Caltech education mean something. Well educated and informed adult human beings must come out of this institution, not just brilliant scientists with only one thing on their minds—science—in order for that goal to be achieved. More attention must be paid to student problems and much more serious support given to the abatement of these problems. Certain departments at the Institute should be expanded to offer more breadth of education to the students. Maybe some of

## Thuncan by P.M.



## Thanks Dave

To the Editor:

A commonly voiced complaint about newspapers is "Why do they emphasize bad things... airline crashes, murder, etc.?" It is generally answered by the fact that it sells papers—it is what the public demands.

A similar situation exists in editing a paper. The "news" you get in the form of feedback from your readers is, in general, bad. They are much more likely to complain that you misread the illegible scrawl on the newsbrief they turned in well past deadline, than thank you for your efforts

to get it in.

In recent years, there seems to have been a perpetual staff problem. It seems people want a paper, but no one wants to work on it. The consequence of this is often academically disastrous to the editor. Consideration should be given to hiring a permanent associate editor to help with the time-consuming technical details. Spending some money might be cheaper than replacing editors and bothering UASH.

In closing, I'd like to thank Spencer Klein for having taken Atlas' thankless task. Even if I disagree with his opinions, Spencer is printing (with very little staff) more than just a fishwrap.

Dave W. Sivertsen

## Chaplin

Although Cinematech will not be showing any films this week, due to finals, I'll talk about upcoming shows since the paper won't be coming out for the next couple of weeks. On March 18, the Saturday after finals week, Cinematech will be having a Charlie Chaplin night. Two of Chaplin's best talking films will be shown along with one of his silent shorts, and four Harold Lloyd comedy shorts. the schedule for the evening will go something like, two Lloyd shorts, the Chaplin short, *City Lights*, intermission, two more Lloyd shorts, and finally *The Great Dictator*. For anyone stuck here over the spring break or just hanging around till the end of the week, this is a golden opportunity to see some of the best comedy from one of the greatest comedians from out of our past.

Still later into spring break, March 25 (the weekend before you register), Cinematech will be beginning its Spring Series. Starting off the series will be two Japanese films. The first feature is *The Rikisha Man*. This is a

Continued on Page Three

## The CALIFORNIA Tech

Volume LXXIX Number 25

Friday, March 10, 1978

Published weekly except during examination and vacation periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed in all articles are strictly those of the authors and do not necessarily reflect those of the editor or of the corporation.

Editor-in-Chief  
Spencer Klein

Business Manager  
Kevin Drum

Writers

ed Bielecki, Ken Duncan, Mike Kurilla, Sandy McCorquodale, Jim Reichle, David Ritchie, Joel Rubinstein, Geoff Sommer, Brett Stutz, Richard Willson

Photographers

Dave Wheeler [Darkroom Chairman], Don Bacon, ed Bielecki, Marc Berger, Greg Bone, Joe DiGiorgio, Al Kellner, Yin Shih, Chris Wheeler

Production

Flora Boyer, Nick Smith

Circulation

Carl Lydick [Manager], Bill Gould, James Hong

The California Tech publications offices are located in Winnett Student Center (107-51), California Institute of Technology, Pasadena, Ca, 91125. Telephone: 795-6811, Editorial-ext 2153, Business-ext 2154. Printed by News-Type Service, Glendale, ca. Second Class postage paid at Pasadena, Ca.

Subscription rates: term-\$1.50, Year-\$4.00, Life-\$100



# I've Had It

The position of *Tech* editor is now open. If anyone wants the job they can have it. It may be open even if noone wants it.

I am getting sick of giving out stories to people, having them accept them, and then not getting anything back. Here are a few examples. This Monday, when Marvin Goldberger was selected as the new Caltech President, Gregg Brown came over to the *Tech* office and asked for the assignment. He also offered to interview acting President Christie about his views on Goldberger's selection. On Wednesday night (late-several hours after our normal 6:00 copy deadline), I got worried and called him up. He wasn't in, but his parents took the message and said that they would ask him to call me. He still hadn't called when I left that night at 3 am. The next day (Thursday), he walked in around 2pm. He said that he would have the article late, but that it would be there. He asked how long to make it. I told him about 20 column inches (one column by twenty inches long). He said he could do it. About 3 pm, I ran into him at the Y lounge, and he said that he had a 3:30 appointment with Dr. J.J. Morgan, who was on the presidential search committee. At five o'clock, the article finally came in, only 23 hours late. Theoretically, the paper is supposed to be in at 6pm, in Glendale. Also, the article was only half as long as it was supposed to be.

That is why there is this big white space—there was no time to do anything with it.

Another example is Jim Reichle. On Monday, I assigned him to interview Fred Anson, chairman of the presidential search committee, about Goldberger's selection as president. He accepted the assignment without comment. On Wednesday at about 4 pm, he told me he didn't have time to do it. I pressed him, and he agreed to work on it. About an hour later, he told me that Anson was unavailable, and that he couldn't do it.

Both Reichle and Brown had other assignments for this week. Last week, Brown agreed to do an article on Caltech's budget. I haven't seen it. Reichle agreed to interview Dr.'s Sinsheimer and Huttenback by phone, to find out how they liked their new jobs. I haven't seen that either.

In late January, I assigned Richard Willson to interview Rob Vogt, the new head of the Division of Physics, Math, and Astronomy. He agreed to have it for the February 10th issue. On March 2nd, I gave up on him. Kevin Drum did the story. (Kevin is not even supposed to write—he's the business manager)

These are the incidents which stand out most in my memory. Looking through my notebook, I find many others, too numerous to mention. Here are a few: Al Kellner agreed to do an interview with Jim Mayer several weeks ago; I still haven't seen it. Gregg Brown agreed to interview Ray Beausoleil, our new ASCIT President, and our other ASCIT officers. When I reminded him of it, he did the interview, but only with Ray, and Mike Kurilla had to write it up. Dave Ritchie's article on the space telescope came in a few weeks late. Sandy McCorquodale's article on the search for a new HSS head still hasn't come in. Late Wednesday one Wednesday night (my first issue), Al Kellner came in and told me the he didn't have time to take the photo's he had promised me earlier. Fortunately, I was able to find someone else to do them, but the photo's weren't nearly as good as they could have been, with more time.

These are just a few of the times I have been promised articles and had them not show up.

Since this is quite possibly my last issue as editor, I'd like to thank those few people on my staff who are reliable. Joel Rubinstein was extremely good in writing articles to make up for other people not turning in articles on very short notice. Also he was helpful in laying out the paper. Mike Kurilla was extremely reliable, and only didn't turn in one story. Kevin Drum, the business manager wrote an important article on Rob Vogt, on essentially no notice. Nick Smith, our typist, always does a good job.

Continued on Page Seven

## Cinematech

Continued from Page Two  
subtle humanist classic by director, Hiroshi Inagaki. The story is about a carefree rikisha man played by Toshiro Mifune. A very poignant story, this film won Best Picture at the Venice Film Festival.

The second feature is *Ugetsu*. This work of art by director, Kenji Mizoguchi is the tale of two peasants who travel to the city to find their fortunes. The photography is the overwhelming aspect of this film. Filmed in the mystic beauty of a classic Japanese painting, the images are reminiscent of traditional Japanese theater. This film is also an award winner at the Venice Film Festival.

—Michael Kurilla



photo: Yin Shih

## Clear Days Returns



photo: Yin Shih

By Vox Populi

Clear days returned last weekend for its annual visit to Caltech. This year's program included artwork, music, cinema, and drama. The most startling exhibit was Suzuki trained violinists, some of them obviously pre-kindergarden. They showed incredible talent for their age.

Other exhibits included Spanish dancers performing. Pasadena High School students had an art exhibit.

There were creative opportunities for observers. Many people made sculptures from scraps of lathe turned wood. But most of the creativity was on the part of the people behind the exhibits. Stonecutters showed their talents, and answered questions. Painters exhibited their wares. Musical groups performed. There were films shown in Ramo auditorium. There was Armenian food sold. A good time was had by all.

Caltech's  
Burger Continental...  
is gonna  
make you an  
offer you can't refuse

Discount cards

\$8

House of the Week:  
Ruddock

Free root beer float on weekends for students  
from the House of the Week with purchase of meal.  
Different house each week

SPECIALTIES

SHAORMA, SOUVLAKI—STEAK DELICACIES BAKLAVA, BOURMA—ARMENIAN PASTRY DESSERTS  
FALAFEL—VEGETABLE BURGER WITH DELICIOUS SAUCE WRAPPED IN BIBLE BREAD

SPECIAL SERVED EVERY NIGHT: USUALLY STEAK OR PRIME RIB, RICE PILAF, SALAD, VEGETABLE, AND REFILLS ON SOFT DRINKS AND MILK

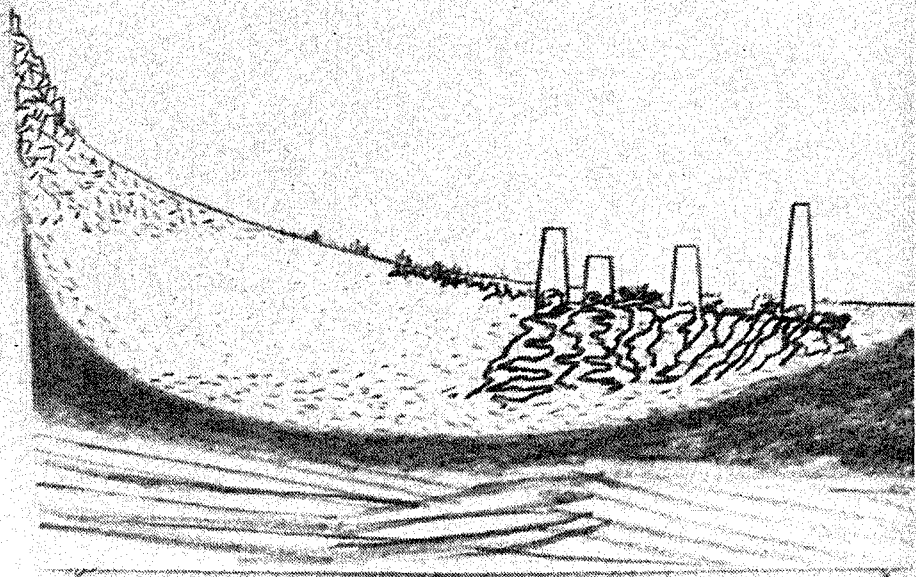
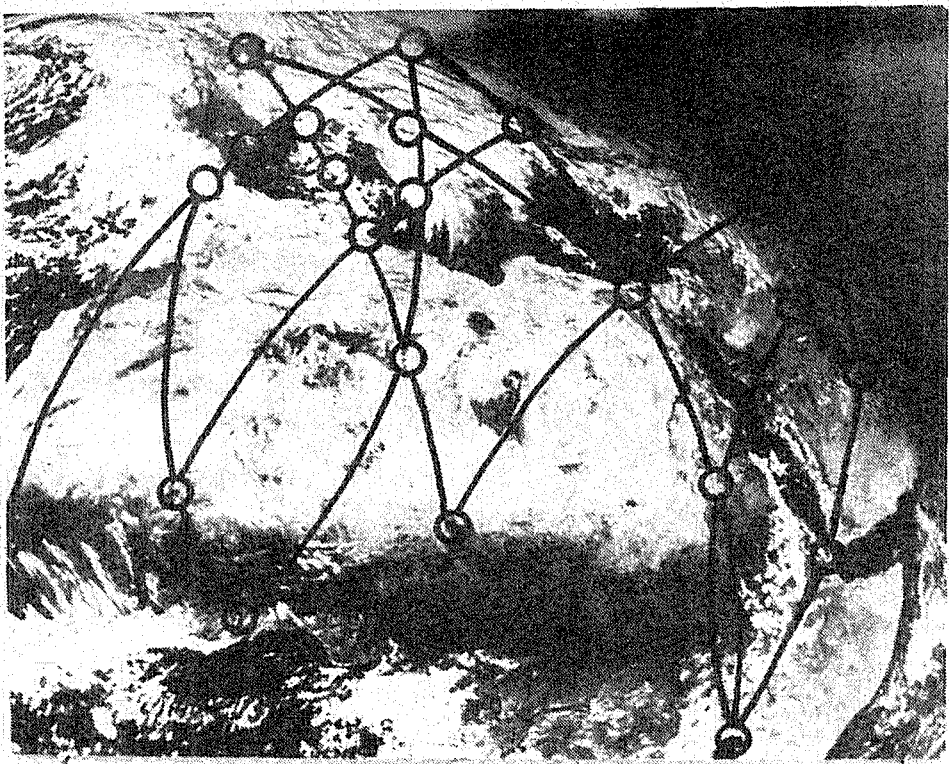
BURGER CONTINENTAL

792-6634

LOCATED ON LAKE 1/2 BLOCK NORTH OF CALIFORNIA



photos by:  
Yin Shih



# The Poetry of Systems

By Joel Rubinstein

If you want some diversion in the midst of your troling next week, why not go over to Baxter Art Gallery and see the current exhibit, *The Poetry of Systems*.

The works of five artists were chosen for this exhibit of collage, ink drawings, and photo-montage.

Karen Shaw plays numerology in her art. She converts numbers to using the simple scheme of A=1,...,Z=26. I don't feel this sort of art would be interesting to most Techers, however it is interesting to see what other people call art.

Lighthbody takes the names of famous people and converts them to numbers by the same system, except that he uses modulus 7 [sounds like a math major -ed.] i. e. H=1 instead of 8. He feels that the numbers themselves form the image, when seen from a distance.

Chana Horwitz shows development of abstractions in her work. A famous lithograph by M. C. Escher (not on display here) shows a reptile emerge from a hexagonal array of reptiles, climb a ramp to the top of a dodecahedron, where he gives a triumphant snort, only to

return to liveness in the array. Horwitz's work is an abstraction of this. Instead of reptiles, she uses squares that move up and become cubes, only to be dismembered into squares again.

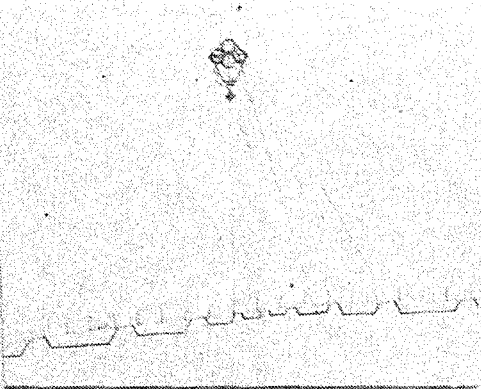
Sol LeWitt's game is quite different. He assigned draftsmen a simple drawing operation, but with opportunity for creative solutions. He assembled their solutions to his assignment and took the credit for their work.

Peter Fend is the only exhibited artist who depicts reality. He is interested in patterns that occur in nature, and patterns imposed on nature. Several of his works are aerial photographs with drawing added to emphasize invisible features.

He shows in an artistic way natural and industrial processes, some of which are only conceptual. His series *Earth Net: An Economic System*, shows the

interrelationships that can take place in human environments.

This unusual exhibit of modern art will be in Baxter Art Gallery until March 25. It was curated by Dr. Susan C. Larsen, Assistant Professor of Art History at USC.



ELECTRONIC  
SCANNERS  
STATIONED  
ABOVE  
FIELD



MARSHES  
STRADDLE  
VALLEY,  
SOPPING  
DOWNRUSH IN  
SLOW DESCENT

HEARTBREAKING  
119

CONFESION  
119

CIRCUMSTANCES  
129

STANARDS  
129

65 BASTARD  
129

BORN  
49

3 1 OLD  
89 39

REHASH  
59

**CLONE 49**

COPY 45 PART 49

CULTURE 119 TORTURE 119

ECCESTRICS PROLIFERATE  
99 125

50 AMERICA

50 ADVANCE

50 HUMB

INTERCOMBINATION 2.35

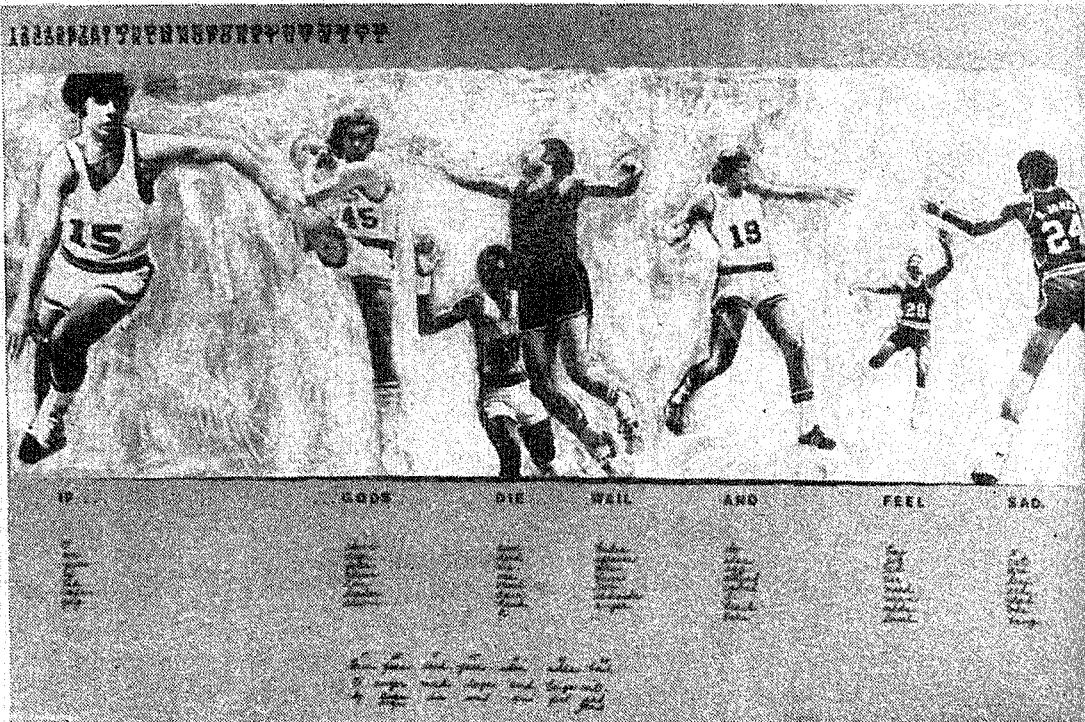
WALDBAUM'S  
96

DEAD 14

SHAPE 49

VIPERS ARENA  
89 39

2 55



the ring sale.  
**\$59.95**  
save up to \$24.00  
2 days only!



Men's traditional Siladium® rings and selected women's fashion rings are an unusual buy at \$59.95. If you want really outstanding savings, now is the time to buy your college ring.

**THE ARTCARVED** REPRESENTATIVE  
has a large collection of rings.

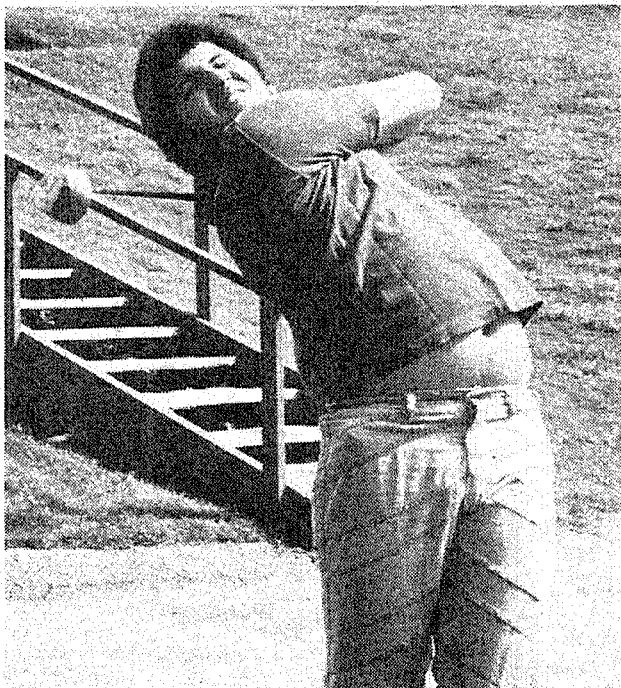
Ask to see them.

Tuesday and Wednesday, 9-2 pm, March 13 & 14

Deposit required. Ask about Master Charge or Visa.

**THE CALTECH BOOKSTORE**





Nelson Goldikener

photo: Joe DiGiorgio

## Golf Wins

They said it couldn't be done. For the first time in recent memory, the Caltech golf team actually managed to outscore its opponent, mauling Whittier by a 28-26 margin. The match was played at the treacherous Friendly Hills Country Club layout, Whittier's home course.

Five out of the six team members contributed points to the victory. First man Robert Chess, after a slow start, came back with a 38 on the last nine, enabling him to capture all six of his points. Terry Thomason, playing second, staged a phenomenal comeback on the last four holes to eke out victory. Down three with four holes to play, Thomason

proceeded to completely unnerve his opponent by winning the four remaining holes and thus the match. The team of Chess and Thomason completed their 18-0 sweep by winning the best ball competition.

Nelson Goldikener and Jack Belliveau, playing three and four, held their own against the Whittier golfers, splitting the point 9-9. The teams winning margin was provided by sixth man Joe DiGiorgio. Though Alan Boyer and he managed only one out of 18 possible points, it was enough to clinch the win.

There is a possibility that the victory may be only ephemeral. Whittier, incredulous at the thought of losing to the Caltech clubbers, has protested the result. The dispute centers on the 15th hole, where the second foursome's match was stopped on account of darkness. Goldikener picked up his ball on that hole, assuming the match was over. The Whittier players saw matters differently, and claim Goldikener forfeited the hole. The matter will finally be resolved by the league coaches at some time in the future.

In other action, the Caltech team was easily outclassed by two of the league's strongest teams, Redlands and Claremont, by scores of 3-51 and 5-49 respectively. One highlight of the otherwise dismal Redlands match was a virtuoso putting performance by senior Andy Falls. He one-putted each of the first four holes, including the canning of two putts over 20 feet.

The team's league record is now 1-2. The hope is for at least three victories this season. With nine matches still to be played, there may be some hope that the team will be able to cash in on the coach's promise to buy them a steak dinner if this goal is reached.

## Satyrized Noon Concert

By Dan Whelan

Today, the Caltech Y on coordination with Dynamite Dyer Productions, is presenting Satyr in a noon concert on the quad.

Satyr is a power-packed group which plays what they call 'ultrarock'. Their Starwood engagement a few weeks ago revealed that ultrarock is reminiscent of groups like Pink Floyd and Rick Wakeman. Satyr's music employs a loud primordial beat, a strong guitar lead and enough synthesized sound to keep their keyboard player busy on what appears to be at least eight keyboards.

Unlike most groups playing the Los Angeles night club circuit, Satyr is musically tight and possesses stage presence. Today's noon concert should be one of this year's best. Be sure to see Satyr playing on the quad from noon until one.

In the near future, the Starwood will be presenting the Dead Boys. Yes, the very same Dead Boys that were discovered at CBGB's in New York City. Their first LP, Young, Loud and Snotty has to be ranked as one of the best albums that the New Wave has produced. It includes such sensational hits as "All This and More" and "I Need Lunch" [???]. The Dead Boys will undoubtedly provide one of this year's best night club performances.

## Movies, Munchies Highlight Decompression

As usual, decompression will be held tomorrow and Sunday nights in Winnett Center from 8:30 pm until 1:30 pm.

The refreshments will consist of fresh fruit and vegetables, plenty of bagels, and assorted munchies. Milk and punch will be served.

There will be no band this term. Instead there will be a stereo, and tapes and records will be played.

Movies to be shown include *The American Time Capsule*, *Blaze of Glory*, and about a dozen cartoons.

This year, Mike Meyer, who organized decompression has sent a flyer to all the faculty, inviting them to come. He hopes that they will come. Another change this year is that there will be no sawdust on the floor, since last term people complained.

## ROMA GARDENS

BEER &amp; WINE

ITALIAN CUISINE

PIZZA

SPAGHETTI

RAVIOLI

OPEN 5-11 p.m. Sun-Thurs

5-12 p.m. Fri-Sat

Now open for lunch 11-2. Buffet lunch  
\$2.95. All you can eat Thursdays for \$4.25

10% off on italian food to all CIT students  
(buffet lunch excepted) 7 days/week

Use new back entrance for picking up orders

1076 E. Colorado

449-1948

## PHYSICS MAJORS

WE WOULD LIKE TO TALK TO YOU ABOUT A JOB

AND

We will pay you over \$600 a month the rest of your senior year.

We will send you to one year of graduate level training and pay you over \$14,000 just to go to school.

CONTACT: LT Tim Norrbom  
4727 Wilshire Blvd.  
Los Angeles, CA 90010

CALL COLLECT (213) 468-3321



THE AFFIRMATIVE ACTION AND PERSONNEL DEPARTMENTS  
OF THE UNIVERSITY OF CALIFORNIA  
LAWRENCE BERKELEY LABORATORY  
INVITE YOU TO ATTEND

## A PROFESSIONAL JOB FAIR

SATURDAY, March 11, 1978

9:00am to 3:00 pm

Bldg. 54 (Cafeteria)

East End - Hearst Avenue  
Berkeley, California

An opportunity to meet with representatives from our departments to discuss employment objectives and job opportunities at the Laboratory in the engineering, science, administrative and services areas. Women, minorities and the handicapped are strongly encouraged to attend. Transportation will be available from the Berkeley Bart Station, Shattuck and Center, on the LBL Shuttle. Call in advance if you will need special transportation for the handicapped or a translator for the deaf.

PLEASE BRING A RESUME TO SHARE.

For more information call (415) 843-2740 ext. 6585

LAWRENCE BERKELEY LABORATORY

# All the News That Fits

**Management Seminar**  
A three-day seminar, "Successful Management of New Product Development," will be sponsored March 29-31 by the Industrial Relations Center here at Caltech.  
The seminar will provide practical aid to general managers and directors responsible for research and development, engineering, and marketing and manufacturing. It will feature ways to improve profits through product development and innovation, according to Victor Veysey, IRC director.

**Attention, Pinball Studs!**  
John William Bossler wants you! Mr. Bossler, from Pepperdine University, Malibu, is thinking of sponsoring a pinball tournament this October for all colleges in L. A. county. He's asking an interest survey right now, so he's still open for suggestion. If you are interested in working with him on such an event at Caltech, or simply want to participate, then talk to your friendly, neighborhood IHC chairman, Marc Wold in Lloyd 26, sometime in the near future.

## Fed Up

Continued from Page Two  
As you may have gathered from this article, I am fed up with the job of editor. If things don't get much better very soon, I am going to quit. I'm sick of spending twenty hours per week on something no one cares about. I'm sick of people coming in on Thursday afternoons and expecting their stuff to get in, without even warned me beforehand (in one case, I got a newsbrief after finishing the paper for the week). I'm sick of not getting stories I've been promised weeks ago. In other words, "I'm mad as hell and I'm not going to take it anymore."  
—Spencer Klein

## Leakey

Continued from Page One  
Dr. Leakey admits that she was very pleased with this most recent discovery, but is anxious to continue. Only 2 of the 5 most promising sites have been investigated, and efforts are being made to extract the prints from a single unit for careful cleaning under controlled laboratory conditions.

## CLASSIFIED ADS

ADDRESSERS wanted immediately. Work at home—no experience necessary—excellent pay. Write American Service, 350 Park Lane, Suite 269, Dallas, TX 75231.

**Out of this World**  
The Deep Space Team will be sponsoring three trips to the desert to fly model rockets early next term. Anyone (U. G.'s, grads, faculty, staff, etc.) interested may come; bring your rockets from home this spring (carefully). As usual D. S. T. members get free flight crud. Large Enging stockpile is also available for those who run out. For further info, see Jose Helu, Lloyd 113.

**Work for ASCIT**  
There are still many appointive student committee positions that lack volunteers. Be the first on your block to sign up on the nomination list posted on Flora's door.

**Womens Group**  
The Women's Discussion Group has decided to meet every Thursday for lunch. We will gather in the Health Center Lounge with brown bag lunches (available from food service with advance notice). If weather permits, we will find an outdoor picnic spot.  
Plans are to continued meeting weekly through third term. For further information, contact Bev Pray of Barbara Fass at X2394.

**Attention All Degree Candidates**  
The following compainies will be on campus to recruit all degree candidates during the period 10 March - 19 April.  
Mar 10: Garrett AiResearch, Zilog, U. S. Gypsum, Science Applications, Rockwell International, Rocketdyne Division.  
Mar 16: The Marguardt Company  
April 19: Westinghouse Electric Corporation  
Sign-up for interviews may be made in Placement Office, Room 8 Dabney.

**This is not a Spencer Klein Editorial**  
Your ASCIT excomm is searching diligently for an illiterate moron [a what does mo-ron mean -ed] [Tech staff need not apply] to act as its secretary. See Doug Tally, Flaming House. X2180.  
**Boo, Hiss**  
In response to numerous inquiries, the Housing Committee today announced that the reconstruction of a parking lot in the location presently occupied by Fleming House will not begin until July. The scheduled completion date is November 1.

**Alaska**  
That is the location of the epic sea-fight, "The Battle of the Komandorski Islands," which will be the subject of the Caltech Wargamers recreation, Saturday, March 11, at 7:30 pm in Dabney Lounge.  
**Personal**  
Diane and Rob will be married April 1. All are welcome.

**Post Finals Flick**  
On March 19, there will be another Nostalgia Club meeting at the Pasadena Hilton. This is a one-day, very small SF convention costing \$1. George Clayton Johnson, co-author of Logan's run will be there, along with dealers, films, etc. It is from 9:30 am until 4:40 pm.



PRESENTING the largest showcase of natural living & environmentally-creative products & services ever assembled. — Efficient-workable tools & ideas that EVERYONE can use NOW!  
**ENERGY · FOOD · WHOLISTIC HEALTH · GARDENING · SHELTER · PERSONAL GROWTH · TRANSPORTATION · WILDERNESS SKILLS · ECOLOGY ENTERTAINMENT**  
FOUR acres of exhibits, lectures, demonstrations & films will highlight this combination retail marketplace, educational forum & trade show.



- The Self-Reliant House**  
A walk-through model of an integral urban household complete with solar water heating, greenhouse, fish pond, water saving bathroom, compost toilet, wind pump, chicken-house, grey water recycling, energy-saving kitchen & more. Designed by the Farallones Institute, produced by New Earth Exposition.
- Giant Whale Gathering: 'Flo', 110' Whale Balloon 'Sandy', 40' Replica of California Grey Whale 'Pheena', 50' Fiberglass Finback Whale.**
- Continuous Workshops on Appropriate Technology & Natural Living by Farallones Institute & Alternative Energy Groups.**
- Lectures by Steve Baer of Zomeworks, Sim Van der Ryn, California State Architect, Dr. Bernard Jensen, Noted Iridologist & Nutritionist & Many Others.**
- Whole Life Systems Household from the California State Office of Appropriate Technology.**
- Foot and Neck Massage • Enjoy a Hot Tub • Try an Isolation Tank.**
- An Environmental Musical, 'Smaze', Plus Entertainment by Steven Halpern, Bunraku Theater & Many, Many Others.**
- 15' Pyramid • Kirlian (Aura) Photography.**
- A Natural Food and Drink Spectacular.**
- There's Something Exciting & Educational for Young & Old. Bring the Whole Family & Spend an Enjoyable Day.**

**LOS ANGELES**

**MEMORIAL SPORTS ARENA**

**MARCH 9·10·11·12·1978**

Thursday, 11-10 Friday & Saturday, 10-10 Sunday, 10-8  
Adults, \$3.50 · Senior Citizens & Children under 12, \$2.50 · Under 6, Free.

Tickets at the door & all TICKETRON outlets.  
Corner of Santa Barbara Ave. (Harbor Freeway) & Figueroa St.  
©1978, Environmental Expositions, Inc.

**"LIVING LIGHTLY ON THE EARTH"**

Save \$1.00 with this coupon on regular \$3.50 admission when presented at box office. Adults Only.

**GOOD THURSDAYS & FRIDAYS ONLY.**

**DISCOUNT COUPON**

**\$1.00 OFF**

**NEW EARTH exposition**

Los Angeles Memorial Sports Arena, March 9, 10, 11, 12, 1978  
Thursday 11-10, Friday & Saturday 10-10, Sunday 10-8.

**STUDENT RUSH**  
All Available Tickets \$3.50  
15 min. Before All Performances

**Dick Shawn**  
in  
**The 2nd Greatest Entertainer in the Whole Wide World**  
"EXTRAORDINARILY FUNNY...  
a tour de force of gleaming idiocy."  
—Clive Barnes, N.Y. Times

BOX OFFICE: 550-7077 GROUPS: 550-8915  
205 North Canon Dr. Beverly Hills

**SOLARI THEATRE ENSEMBLE**

**STUDENT RUSH**  
All Available Tickets \$3.50  
15 min. Before All Performances

**LEE FILM PROCESSING**

**46 N. LAKE**

Specializing in custom  
Ektachrome E6 Color  
Slide Processing only

**35mm Film Processing**  
**\$1.75 per Roll**



## Track- Mixed Results

By R.C. Colgrove

It was a smog-dusty afternoon last Tuesday when Tech tracksters traveled to Pomona to face perennial track powers, Occidental and Pomona, in CIT's second meet of the year. Although somewhat overstrided as a team, Techers did put on some impressive performances. Team captain Rob Bourret ran down a couple of Oxy's finest to grab second in the mile, running a personal best of 4:27.9; Brian Setula brought home a second place in the discus with a best effort of 108.7 feet; and Tech's 440 relay team, through a combination of blazing speed and Divine Assistance, was able to beat Oxy and take second in this event. All said, it was a day of mixed results for the Beavers but it was still one step forward in the campaign to end that oft-heard query, "Caltech?"

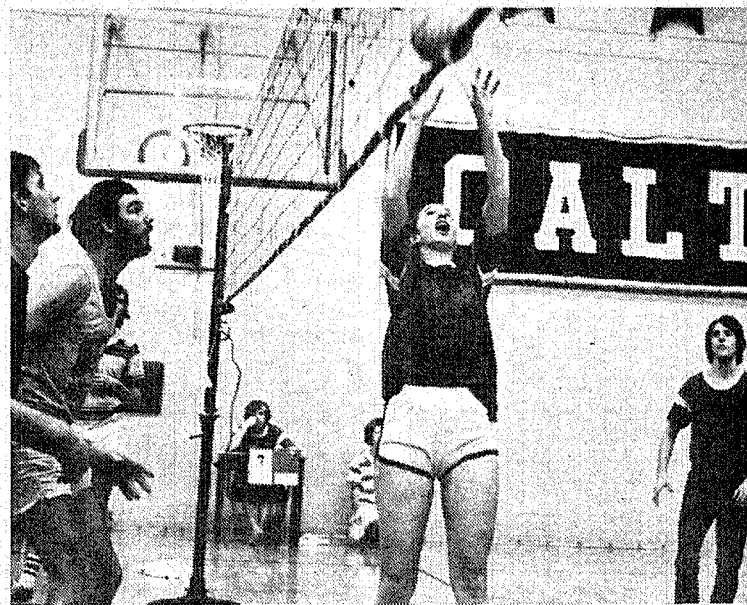
## Basketball Over

Last week the Caltech basketball season came to a glorious end amid deafening cheers. On Wednesday a big feed was put on for all the players, coaches and statisticians, at the Ponderosa restaurant in Arcadia. The Ponderosa specializes in serving all you can eat of prime rib, roast beef, turkey, ham and spare ribs. No one was able to surpass John Reed's and Cindy Flanagan's record from last year of five servings.

Awards were given out to the outstanding player on both the J.V. and Varsity squads. On the J.V. level the big winners were the Flems of upper alley one who carried off the top awards. Gary Tornquist was the top scorer and freethrower. Steve Schneider was the most improved. M.A. Brunnell won the most inspirational award for inspiring Gary to score and Steve to improve. The varsity awards and award winners were as follows: Greg Blaisdell—high scorer and leading rebounder; Peter Edwards—most assists; Joe

Zazadzinski—best freethrower. Greg Blaisdell and John Pender were co-MVPs. Peter Edwards was elected captain for next year. Pat McMurty was given the royal handshake for being the best Frosh on the varsity. Special notice was given to Captain John Pender who has been on the team for four years. The coaches thanked the players and the statisticians. The players thanked the coaches and the statisticians and everyone thanked your friend and mine, Worn Emery Board.

This year the varsity was 2 and 20, while the J.V. went 0-19, extending their four year losing streak to 99 (+ or - 3 games). However, they came within one point of beating L.I.F.E. college. All in all, basketball had a good year.



Dabney (right) plays Ruddock (left) in interhouse Volleyball

photo: Joe DiGiorgio

### DISCOVERY...

...discover yourself and others in non-threatening small group discussions, followed by dancing, socializing, etc. Ages 18-88  
Every Friday night at 7:30  
Throop Unitarian Universalist Church, 300 S. Los Robles Ave., Pasadena  
795-8625

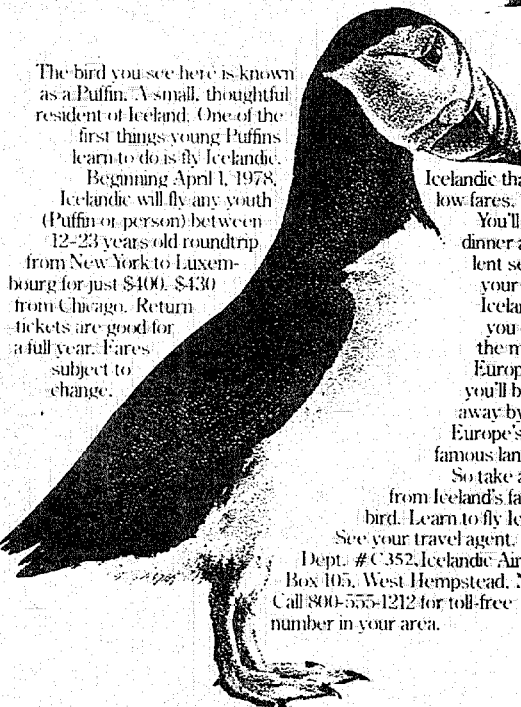
Mar. 9-11 TETS and GALAXY  
Mar. 12 STAGE  
GARY FRIEDMAN  
AUDIO  
Mar. 14-15 OKLAHOMA  
DIANE VINEYARD

DOUG WESTON'S World Famous

**Troubadour**

COCKTAILS • DINNERS • HOOT MONDAYS • NO AGE LIMIT  
9081 SANTA MONICA BLVD., L.A. 276-6168

**Introducing  
a distinguished  
Icelandic bird who  
has the answer  
to all those confusing  
air fares to Europe.**



The bird you see here is known as a Puffin. A small, thoughtful resident of Iceland. One of the first things young Puffins learn to do is fly Icelandic. Beginning April 1, 1978, Icelandic will fly any youth (Puffin or person) between 12-23 years old roundtrip from New York to Luxembourg for just \$400. \$430 from Chicago. Return tickets are good for a full year. Fares subject to change.

But there's more to Icelandic than just low fares.

You'll get a great dinner and excellent service on your trip. And Icelandic will set you down right in the middle of Europe, where you'll be just hours away by train from Europe's most famous landmarks.

So take a travel tip from Iceland's favorite bird. Learn to fly Icelandic. See your travel agent. Or write Dept. #C352, Icelandic Airlines, P.O. Box 105, West Hempstead, NY 11552. Call 800-555-1212 for toll-free number in your area.

**\$275**

roundtrip 14-45 day APEX fare from N.Y.\*

**\$400**

roundtrip youth fare. Good to age 23.

**Icelandic to Europe.**

\*\$295 from Chicago. Tickets must be reserved 15 days prior to departure and paid for within 8 days of reservation. Add \$15 each way for travel on weekends.



### THE HAIR CUTTERS

HIS AND HERS  
OPEN EVENINGS

449-6967 449-1022

1009 E. COLORADO PASADENA  
NEXT TO THE ACADEMY THEATRE  
PARKING IN REAR

Clip and Save Trans Tuneup . . . . . \$25.00

### PASADENA TRANSMISSION

26 N. Hill Ave. 792-6104

Member  
BBB

Get Our Price And Guarantee Before You Buy!

PASSENGER CARS — 2 YEAR OR 24,000 MI. WARRANTY

Price Includes Installation

ALL CHEV. POWER GLIDES 63-76 . . . . .	\$180
ALL GENERAL MOTORS TURBINE 300 64-69 . . . . .	\$190
ALL GENERAL MOTORS TURBINE 350 & 400 64-76 . . . . .	\$225
ALL C-4 FORD/MERC (SMALL CARS) 64-76 . . . . .	\$195
ALL C-6 FORD/MERC (LARGE CARS) 66-76 . . . . .	\$225
ALL CHRYSL. PRODUCTS 6 CYL. 62-76 . . . . .	\$195
ALL CHRYSL. PRODUCTS 8 CYL. 62-76 . . . . .	\$225
ALL AMC PRODUCTS 62-76 . . . . .	\$225
ALL SEALED TORQUE CONVERTERS Amer. cars . . . . .	\$68

CALL FOR FOREIGN CAR PRICES, FREE ESTIMATES  
TAXES & FLUID EXTRA. FINANCING AVAILABLE.  
FR WHEEL DR NOT INCL. SE HABLA ESPANOL

## The CALTECH BOOKSTORE Announces

## A Book Buy-Back

**By Folletts College Book Co.  
Thurs., March 16, 8:30-4:30**

**at the entrance to the Bookstore**

**BRING YOUR OLD TEXTS  
AND TRADE FOR \$\$\$\$\$\$**