

The Big T

1974









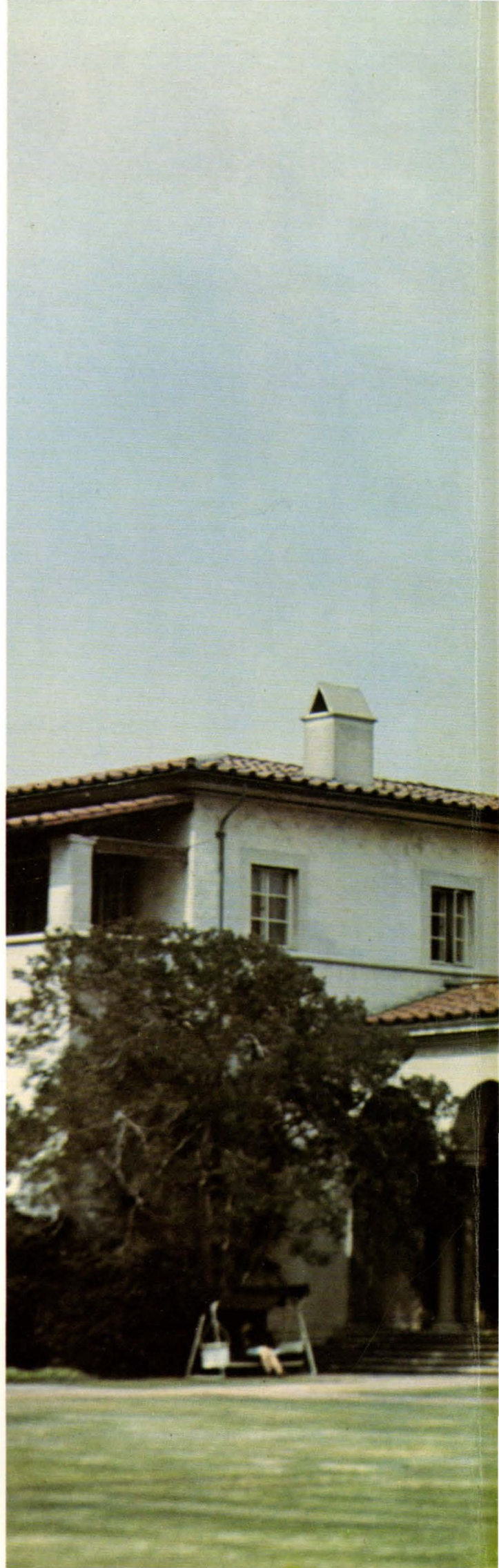
The Big T

1974

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IN MEMORIAM



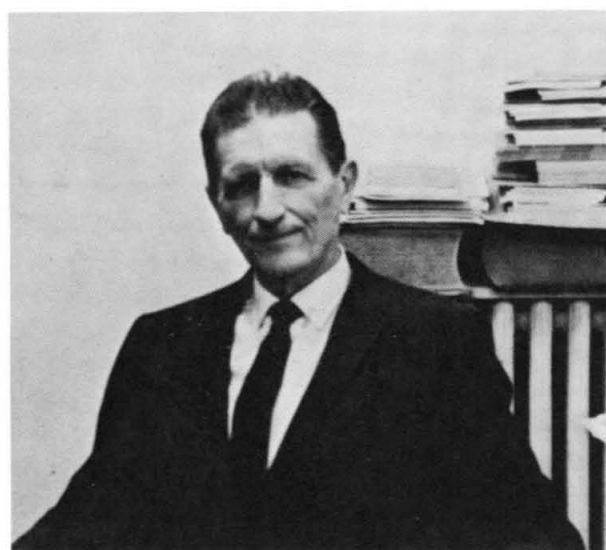
Fritz Zwicky

Not Pictured:

*Norman Chandler
Doris DuBridge
Kenneth Eells
John McLean*



Tom Lauritsen



Charles Bures





First Term





Frosh Registration



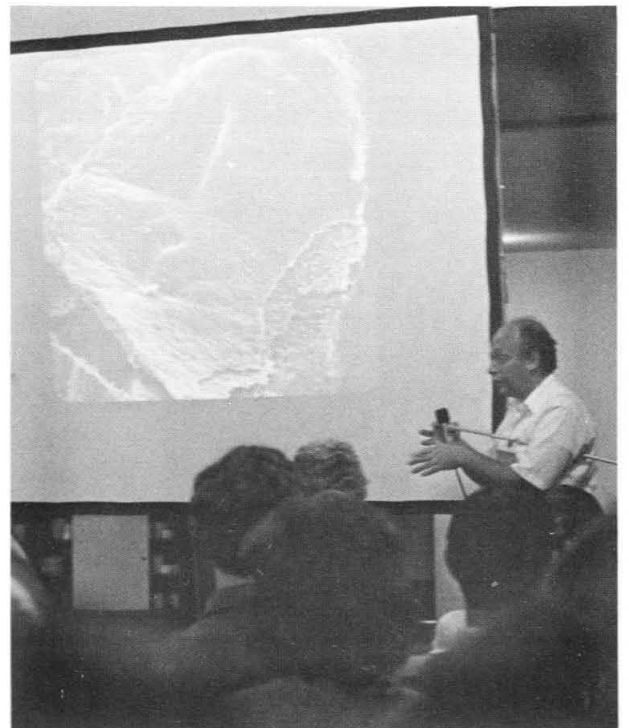


Caltech Chemmate of the Year

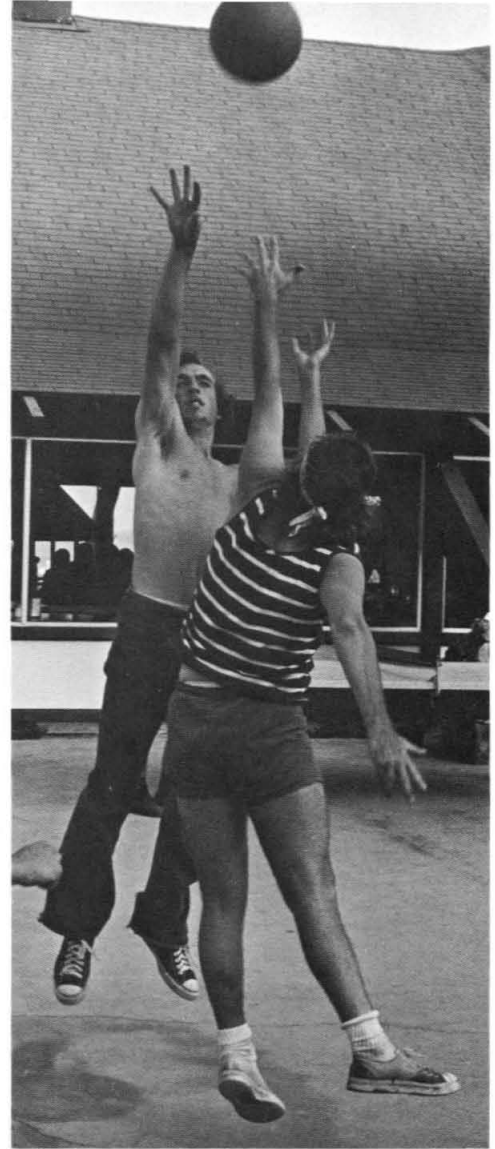


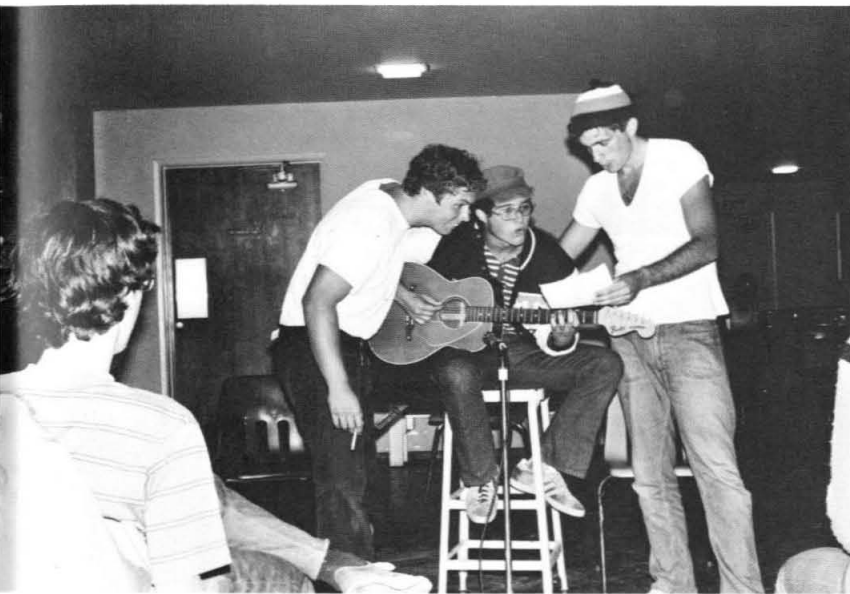
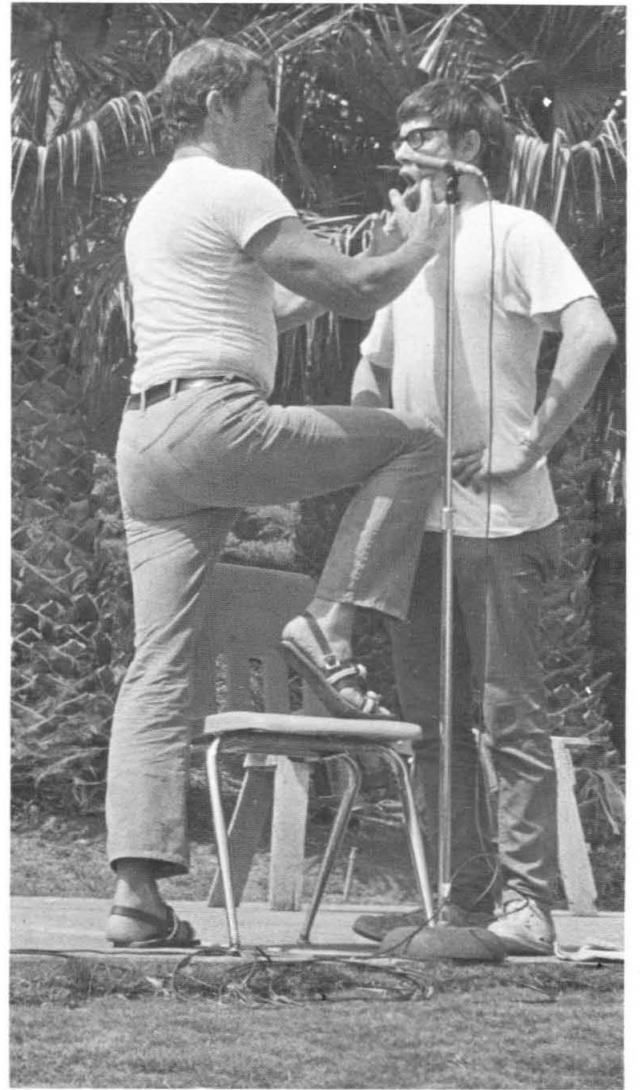
FROSH CAMP





More



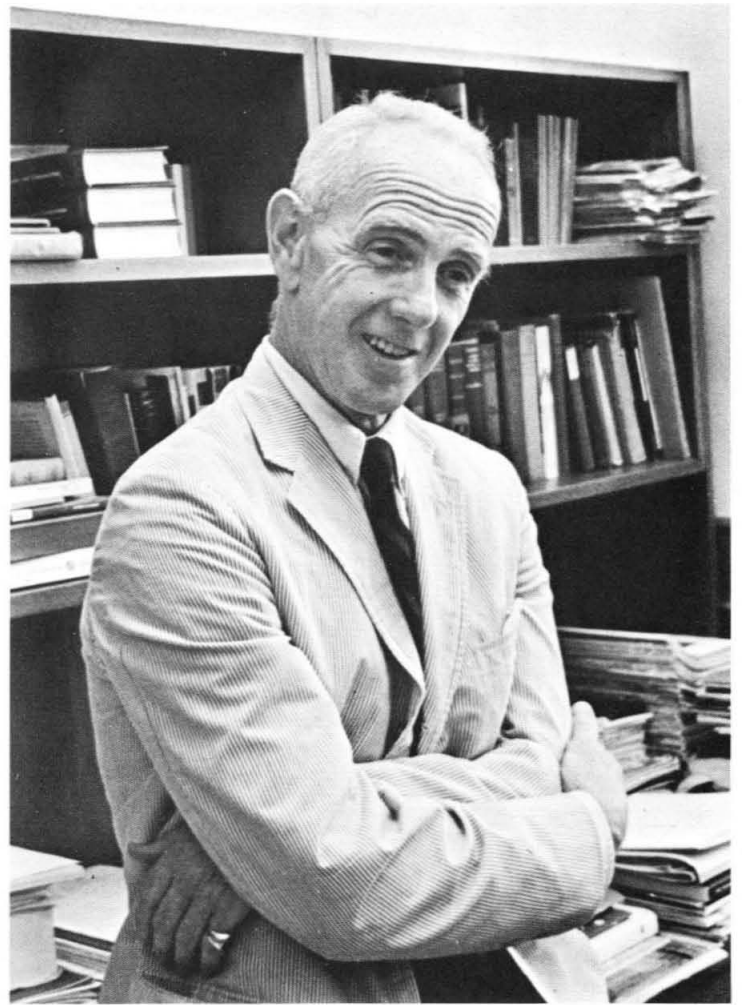


Frosh

Camp

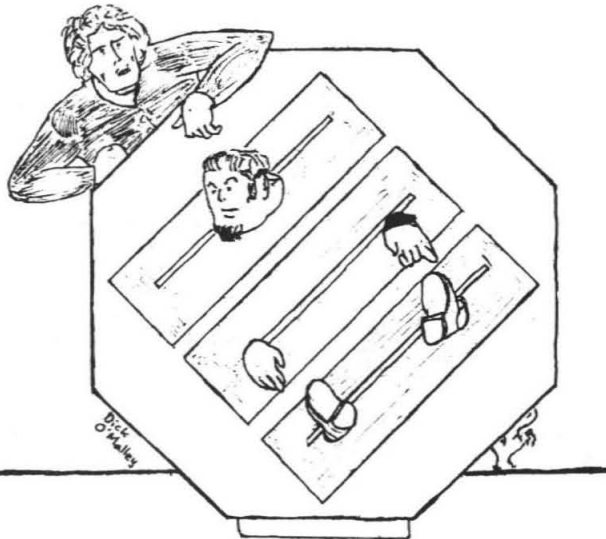


Techers learned to survive without board contracts



Peter Miller chose to take early retirement during first term

*"I Got no sympathy!
You should never have said anything about it
to Dirty Dave!"*





Marcus Welby, MD, held them spellbound in 147 Noyes

Bev Spalding gave a concert in Winnett





Front row: Margo Robe (manager), Bruce Harrow, Mark Rodgers, Greg Hoit, John Steubs, Frank Hobbs, John Morton, Jeff Kelber, Ken Jancaitis. Second row: Carol Stevens (manager), Steve Pohorsky, Dale Bredesen, Norm Nelson, Jim Oliver, Mark Sutton, Gary Wakai, Tom Trinko, Mark Hueschen, Jack Stemple, Leroy Neal (trainer). Back row: Tom Gutman (head coach), Dean Bond (asst. coach), John Loo, Marcus Henderson, Tim Ahern, Kerry LaPrade, Neal Askew, Tony Tullot, Lloyd Ferguson (stockroom attendant), Doug Herbert (asst. trainer).

Football

The nation's Save-A-Tree campaign suffered greatly during the fall of 1973, when the Caltech Beavers posted their first non-losing season since 1956, resulting in three energy-wasting bonfires, at Lake and Del Mar, in front of City Hall, and at Ambassador College. Their 3-3 record, which threatens to wipe out the legends of Caltech gridiron incompetence, even drew the attention of a few incompetents at Harvey Mudd College, who twice tried but failed to steal the Fleming cannon.

The season opener was a 106° disaster in Blythe, where Tech suffered its third consecutive shutout at the hands of Palo Verde JC. Five fumbles certainly helped Tech lose its ninth straight game. The next week Tech's come-from-behind drive fell short of overcoming the Whittier Jayvee's 27-0 lead. Long passes from Norm Nelson to John Steubs and Greg Hoit and an interception return by Steubs in the last 5½ minutes only closed the gap to 27-20 before time ran out.

The Beavers finally stopped fumbling in their third game and held the Claremont-Mudd Jayvees to -41 yards rushing in their first victory in two years. After holding CHM on a first-quarter goal-line

stand, the Tech offense scored two second-quarter touchdowns on passes from Nelson to Hoit. A Nelson-to-Steubs pass gave Tech its third TD, and Steubs' 90-yard interception runback ran the score up to 28-0 and sent Smoody *et al* searching for wood to burn.

Mt. San Jacinto JC overwhelmed Tech the next weekend (they had more players weighing 190 or more than Tech had on its *entire* team), holding the Beavers to 5 yards rushing in their 19-7 win.

But Tech came back to beat the Claremont-Mudd Jayvees again the next week, 42-0, in their largest winning margin since 1956. Claremont's first punt travelled all of 4 yards from scrimmage, and things went downhill from there for the Mudders. Four of Nelson's eight completed passes were for first-half touchdowns: two each to Hoit and Steubs.

Palo Verde JC	20	Caltech	0
Whittier JV	27	Caltech	20
Caltech	28	Claremont-Mudd JV	0
Mt. San Jacinto JC	19	Caltech	7
Caltech	42	Claremont-Mudd JV	0
Caltech	19	La Verne JV	13

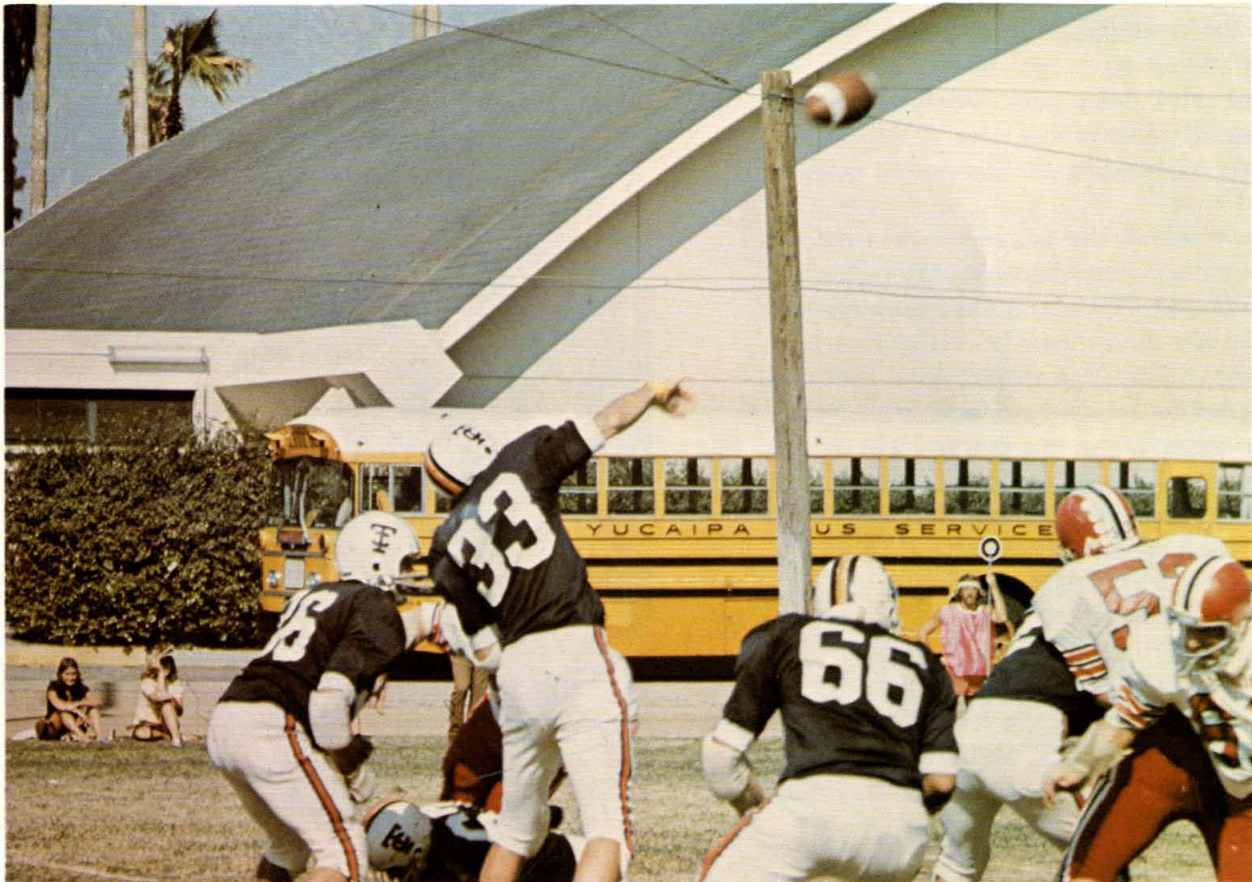


Steubs started the second half by running back the opening kickoff for a score and Hoit ran 21 yards for Tech's last TD soon afterwards. Haywood Robinson, Tom Trinko, and Frank Hobbs added two more points by tackling the Claremont quarterback in the end zone.

The Beavers finished the season with a 19-13 victory over the La Verne Jayvees. After spotting La Verne a 13-0 lead, Nelson hit Hoit on a 65-yard scoring bomb in the final seconds of the first half. A Bruce Harrow interception set up the first second-half touchdown, a 14-yard pass from Nelson to Steubs. A 62-yard drive, capped by John Morton's one-yard plunge, gave Tech its final TD of the season and set the scene for the last bonfire, a non-confrontation between Techers and Ambassadors on Green Street near Orange Grove.

Morton, the team's leading rusher, shared the Wheaton Football Trophy with Hobbs, who also won an NCAA Graduate Scholarship. Steubs, the leading pass receiver, received the Irv Noren Trophy as the team's outstanding back, while Mark Sutton, a leading quarterback sacker, captured the Max West Trophy as the outstanding lineman.

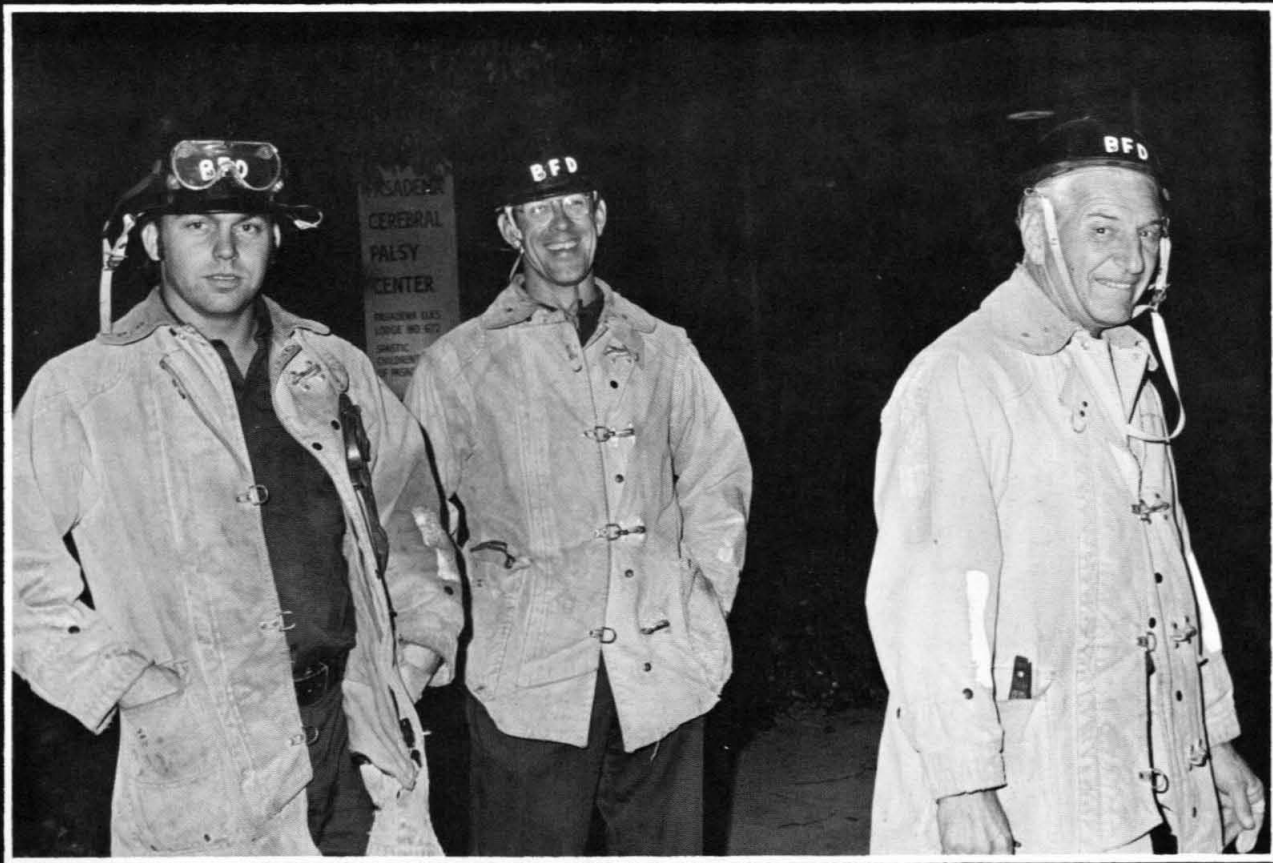






A "Winning" Season!!!

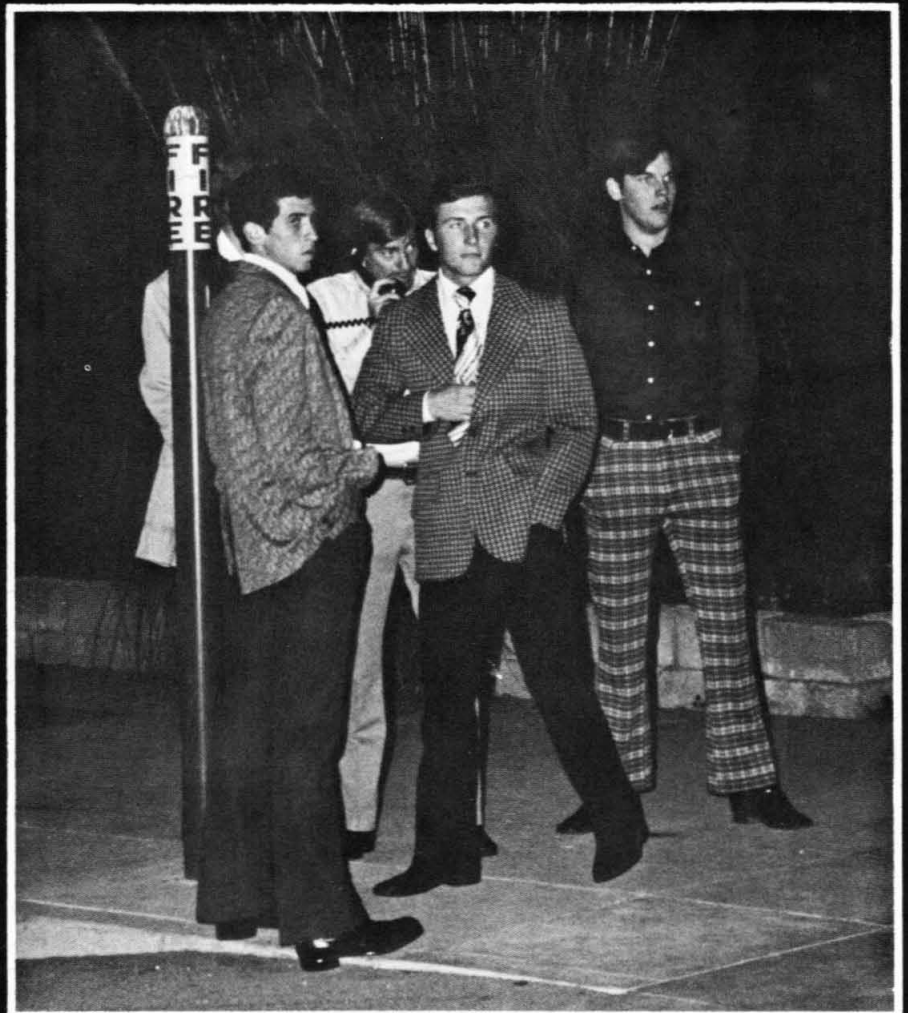




Pasadena firemen enjoy ASCIT's Saturday-Night-at-the-Bonfire . . .

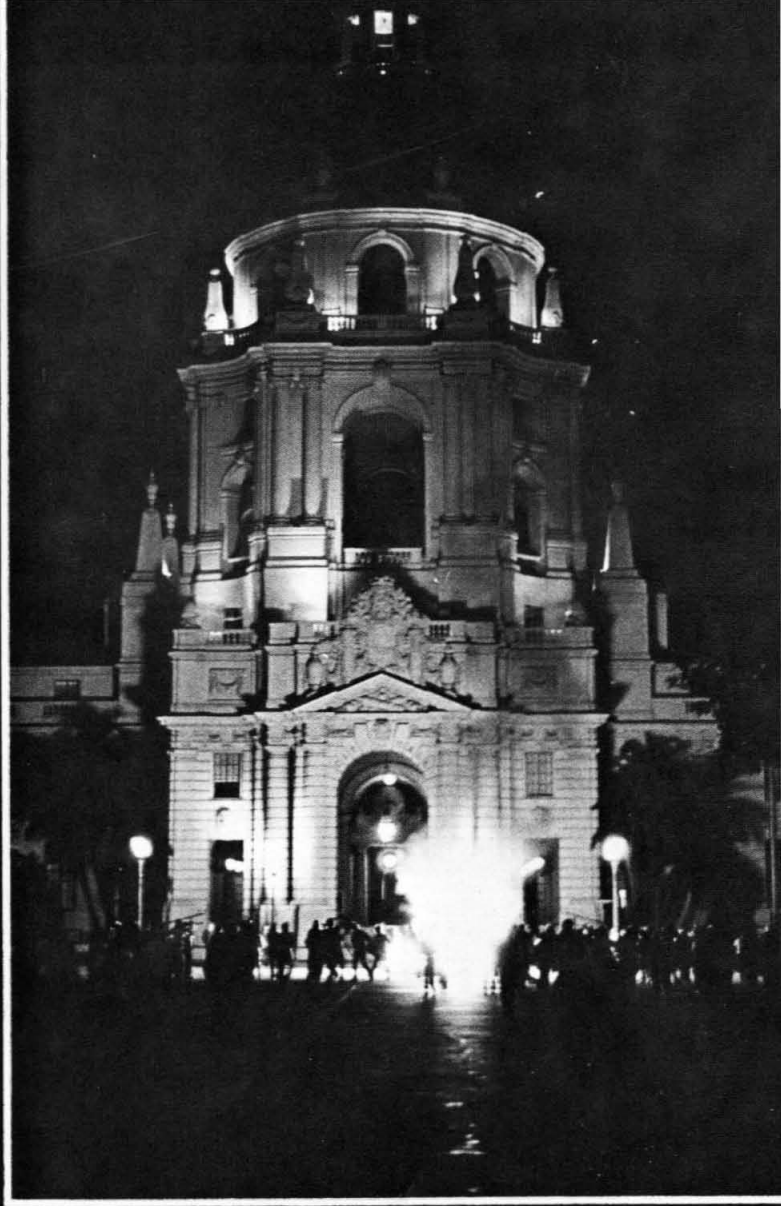
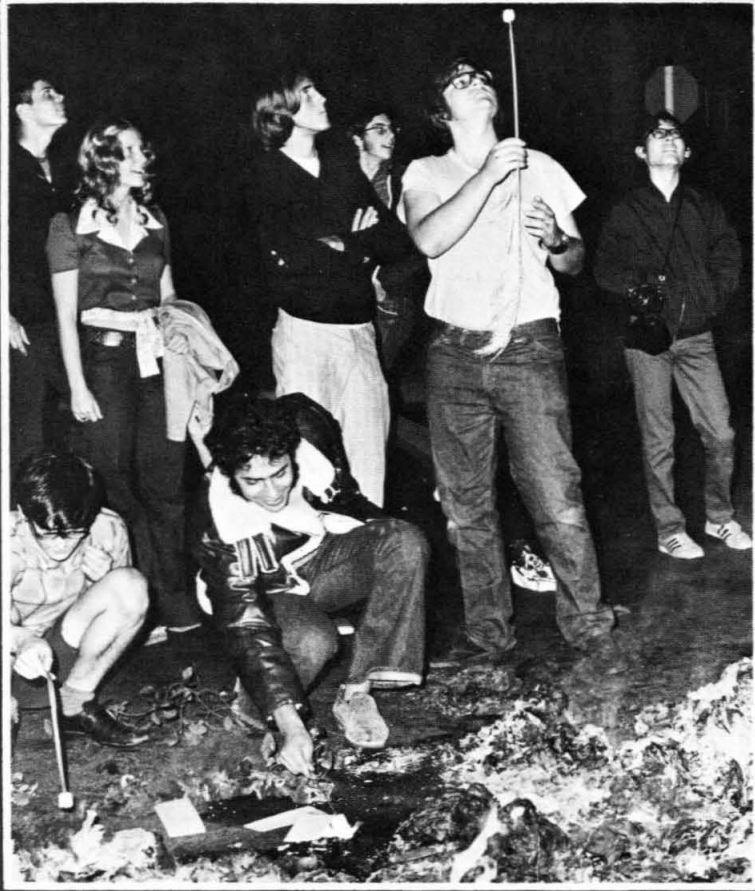
. . . while Ambassadorites try to save their campus from the rioting long-hairs.

And Lots Of Bonfires



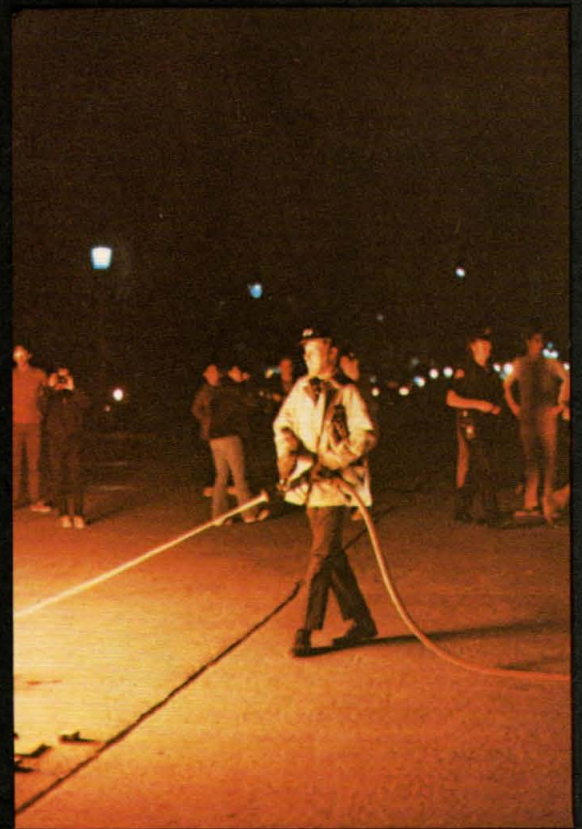
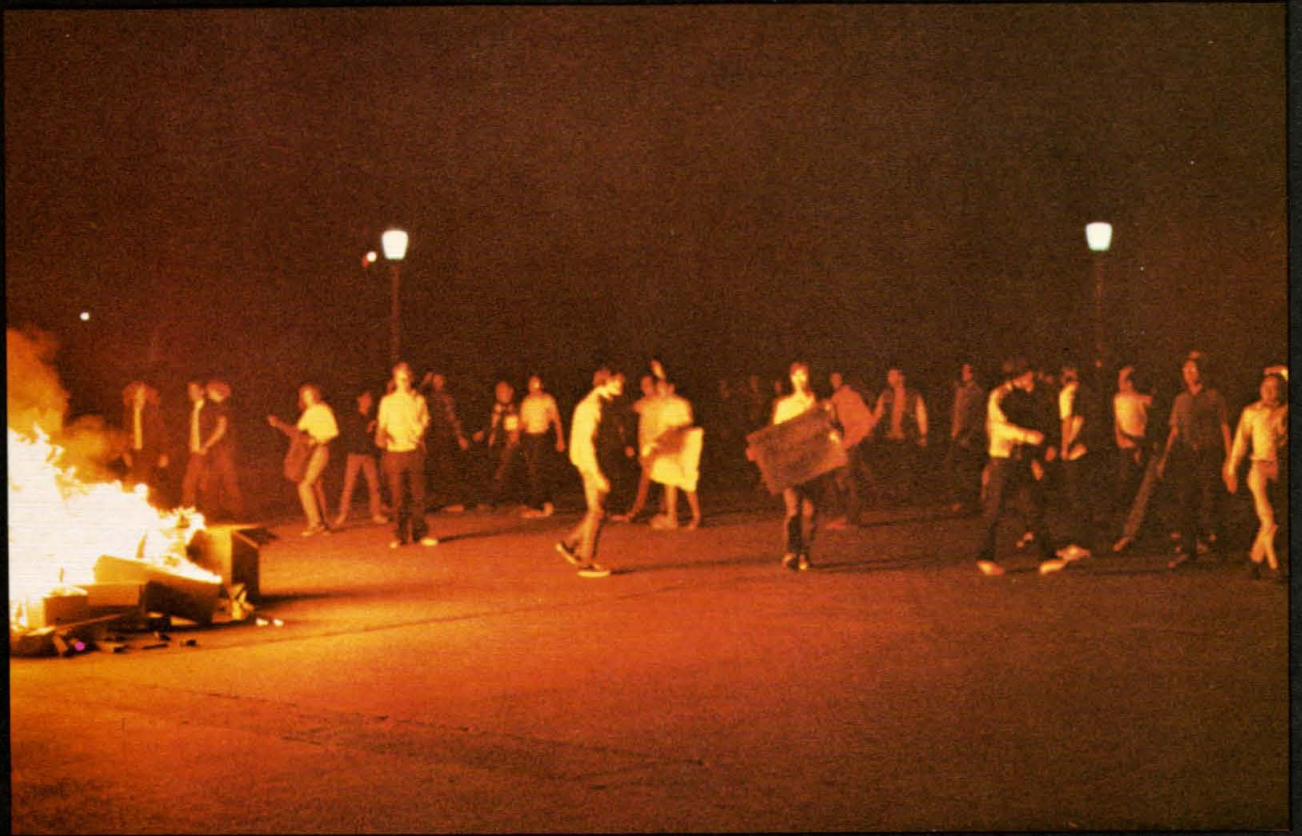
On another weekend, City Hall was threatened.

John Tristano warms up for the spaghetti-eating contest.



*Incompetent cannon-stealing Mud-
ders gave Techers a good excuse to
be roaming the streets near City
Hall.*









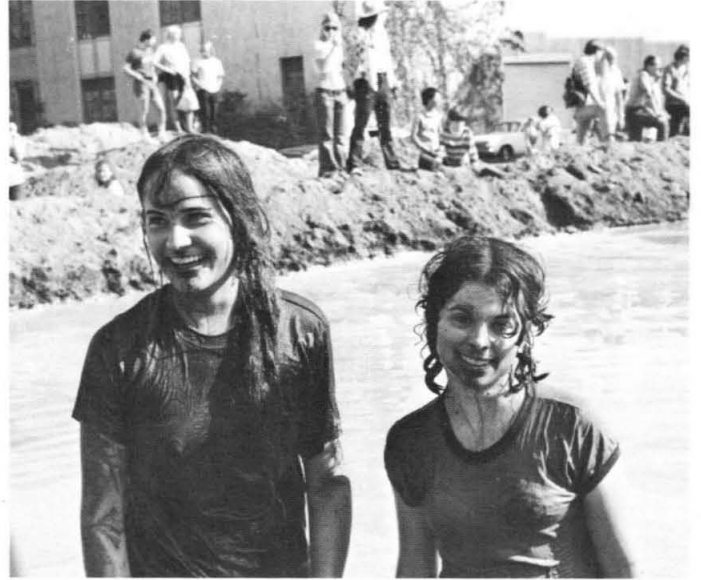
The Mudeo

It can all be traced back to one chilly February morning in 1971, when the San Fernando Earthquake rattled Throop Hall and, despite B&G's efforts to the contrary, provided a site for the 1973 Mudeo. The sophomores, evidently overwhelmed by nostalgia, won the mud spree, 6½–2½, marking the first time since 1962 that the old men and women have beaten the froshlings.

Not that the sophomores won fairly, mind you, but anything (such as tying the tug-of-war rope onto the Dabney Hall steps) is legal as long as you don't get caught. Sophomores Audrey Liebross and Shelly Smith won the queen-and-princess contest and scored another first for the sophs: for the first time, two female sophomores entered the event.

The freshmen managed to win only the tire spree, the last point scoring event of the afternoon. Perpetual Junior Class President Rik Smoody and his fellow judges were the big winners of the afternoon, though, as they managed to escape unscathed while the frosh were still trying to come to grips with the fact that they had lost. But the big losers were the B&G trolls who had to clean out Millikan Pond the next morning.









Ricketts women got physical



A Stalin For All Seasons—Fleming

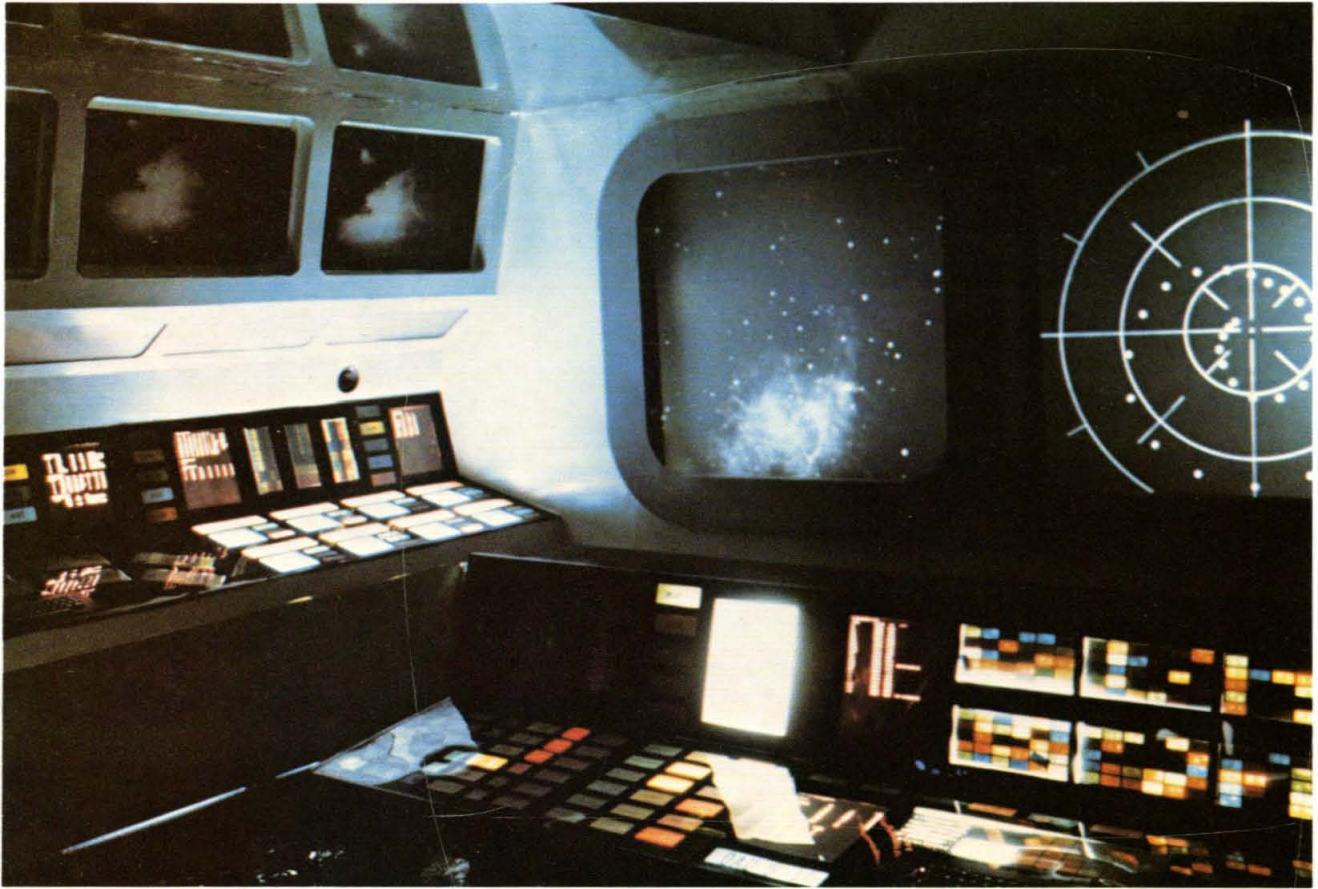
Interhouse



Water below and rain above in Ruddock



"This really isn't Ruddock House, is it?"



Page's Project Pegasus

The Wild West in Lloyd



Blacker's beer stirrer, JoAnne DeBenedittis



A gallows in the rain in Lloyd



Ricketts' sodden frontier town



Front row: Ed Spencer (coach), Bob Kieckhefer, Russ Desiderio, Virgil Shields, Mike Wilson, Steve Sheffield (asst. coach). Back row: Howard Bubb, Jim Rowson, Steve Bitondo, Mark Visser.

Water Polo

Caltech water polo teams traditionally lose their first few games each season, and even a new coach, Ed Spencer, couldn't stop the 1973 squad from dropping its first seven contests. A 6-5 sudden-death overtime victory over Chapman College finally got the tankmen out of their losing rut, which had started in October, 1972, and covered 19 games (21 if you count two forfeits during the year of losses).

By the start of conference games, however, the nine-man group had molded into an effective unit that almost tied for third in SCIAC competition. The defense, backed by senior goalie Virgil Shields, turned in some excellent performances against Pomona-Pitzer and Whittier, including the first shutout (5-0 over Pomona) in 13 years. Against Whittier, they came within one shot of two consecutive shutouts, a feat never accomplished in Caltech water polo history.

Tech's offense, headed by junior Russ Desiderio and sophomore Howard Bubb, also swam well against Pomona and Whittier. The team's lack of substitutes hurt the scorers, however, especially in the heart-breaking 5-4 loss to Redlands and the overtime loss to Loyola.

After the last water had been splashed in an opponent's eyes, Desiderio and Shields were elected to the all-conference first and second teams, respectively. Desiderio received the Coach's Cup for the second time and frosh defenseman Mark Visser was awarded the Most Improved Player Trophy.

-I. M. Wett



Chapman	13	Caltech	5
Loyola Tournament:			
Loyola (overtime)	11	Caltech	9
Chapman	13	Caltech	8
UC San Diego	13	Caltech	3
Loyola	7	Caltech	4
Chapman Tournament:			
Cal State LA	14	Caltech	4
Caltech Tournament:			
Loyola	12	Caltech	6
Caltech (overtime)	6	Chapman	5
Pasadena CC	7	Caltech	4
Claremont—Mudd	13	Caltech	2
Caltech	5	Pomona—Pitzer	3
Caltech Alumni	4	Caltech Varsity	3
Caltech	8	Whittier	1
Redlands	5	Caltech	4
Occidental	14	Caltech	2
Claremont—Mudd	10	Caltech	2
Caltech	5	Pomona—Pitzer	0
Caltech	11	Whittier	1
Redlands	16	Caltech	7
Occidental	7	Caltech	1





Front row: Tom Lawler, Steve Pohorsky, Peter Groom, Rich Atwater, Alan Saul, Bill O'Meara (manager). Back row: Don Cameron (coach), Bob Durst, Chris Russell, Rick Chapman, Steve Trimberger, Peter German, John Dilles, Alaudin Bhanji, Henri Farhi.

Soccer

Only ten men showed up for the first soccer game of the season, prompting coach Cameron to remark, "We can only go upward from here." A full squad of eleven (plus a few substitutes!) was on hand for the next game, which ended in a 2-2 tie, with Tech goals by Peter German and sophomore captain John Dilles. Four games later the booters defeated La Verne, 4-0, on goals by Dilles and Peter Groom, for Tech's first road victory in three seasons. Things went downward from here, though, with the only other bright note being a 5-5 come-from-behind tie with Oxy. Dilles received the Soccer Award as Tech's outstanding player.



Azusa Pacific	10	Caltech	0
Caltech	2	Rio Hondo Academy	2
Claremont-Mudd	5	Caltech	0
Pomona-Pitzer	13	Caltech	0
Whittier	3	Caltech	0
Caltech	4	La Verne	0
Redlands	4	Caltech	1
Caltech	5	Occidental	5
Caltech Varsity	2	Caltech Soccer Club	2
Claremont-Mudd	2	Caltech	0
Pomona-Pitzer	9	Caltech	0
Whittier	3	Caltech	2
La Verne	5	Caltech	2
Redlands	5	Caltech	0
Occidental	5	Caltech	0



Front row: Leroy Neal (coach), Dave Blum, Steve Kellogg, Rich Pietrasz, Joe Arpaia, Rich O'Keefe, Greg Griffin, Wilson Ho, Tom Broker (asst. coach). Back row: Tom Creswell, Steve Clark, Chris Jensen, Larry Bridges, Alan Kleinsasser, Tom Herman, Rick DeBus, George Levin (asst. coach).

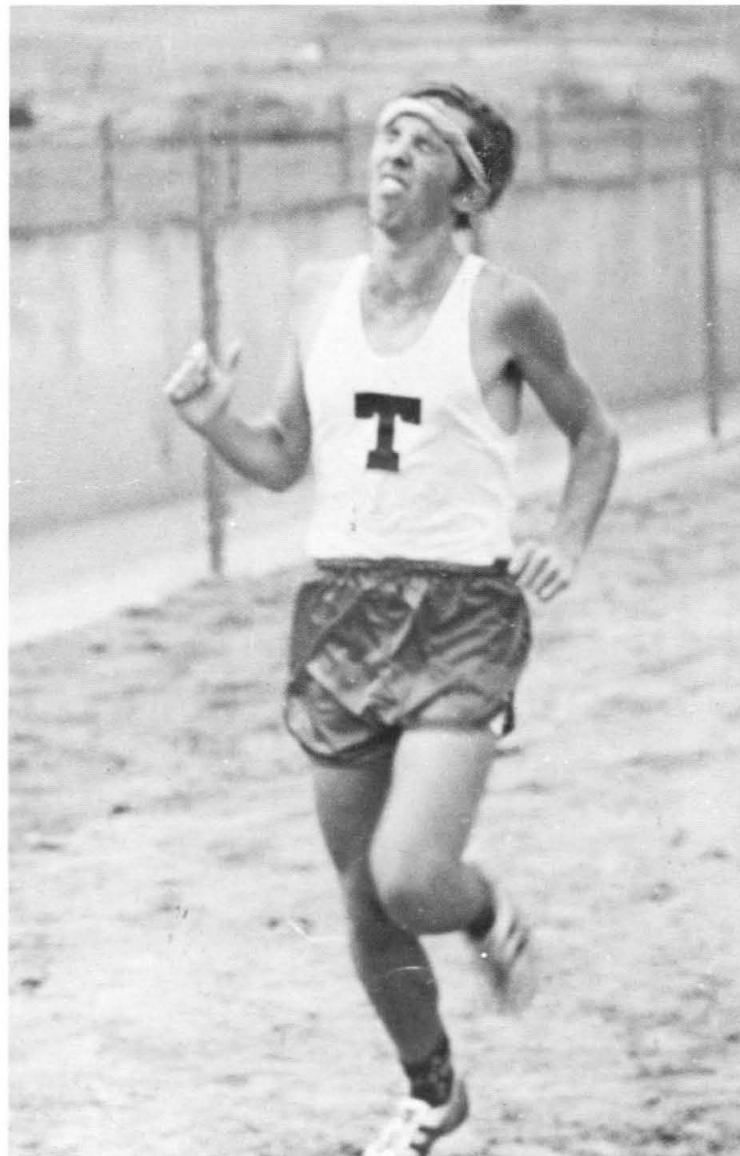
Cross Country

A record turnout of good freshman prospects, senior Alan Kleinsasser, and squad leader, junior Greg Griffin, combined efforts to give the 1973 cross country team its most successful season in recent years. After early campaign victories over La Verne, Redlands, Whittier, and Biola, injuries and illness to key personnel took their toll, but the team still finished with a 3-3 record in the conference, good enough for a fourth place tie in the final standings. Thus the predominantly freshman team served notice to the rest of the conference that it has the potential to be a serious contender in the SCIAC.

The team voted to give the Most Valuable Player award to Greg Griffin for his consistent, sterling performances, including a fifth in the conference finals and a seventh in the NAIA District III championships. Freshmen Steve Kellogg and Rick Debus shared Most Inspirational Player honors, for their dedication and significant team efforts.

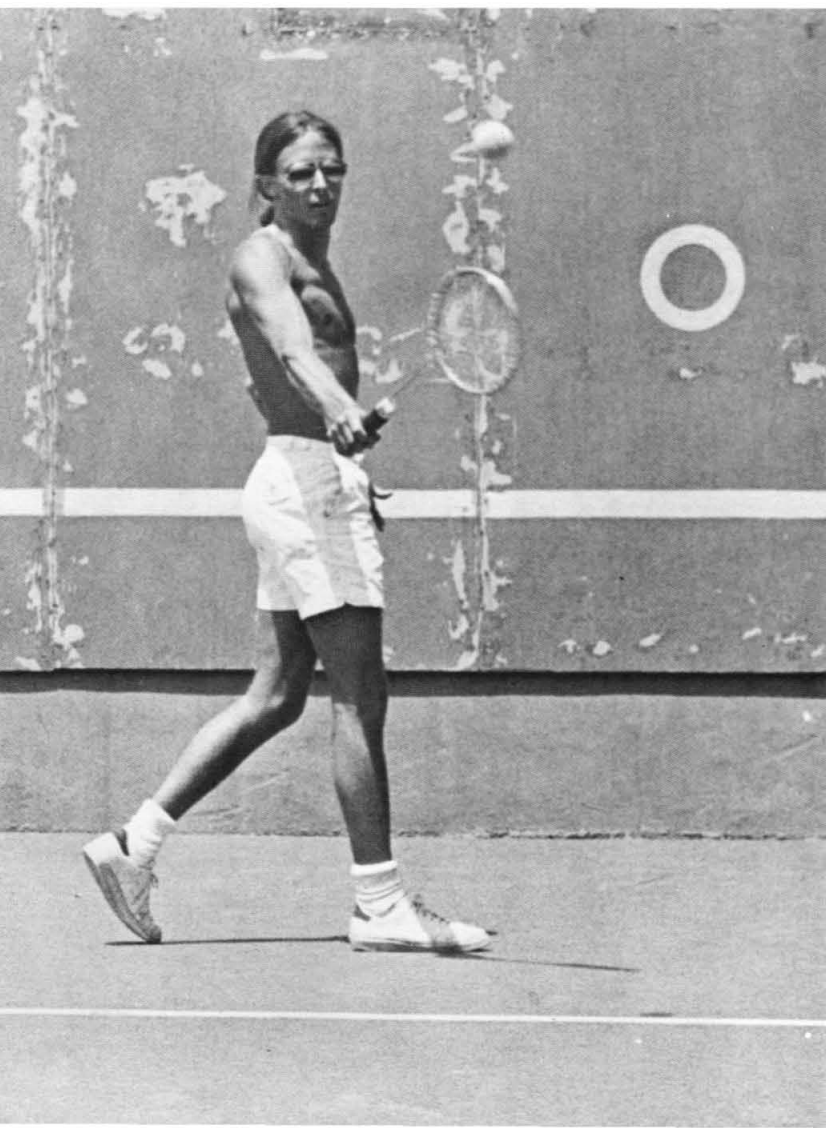
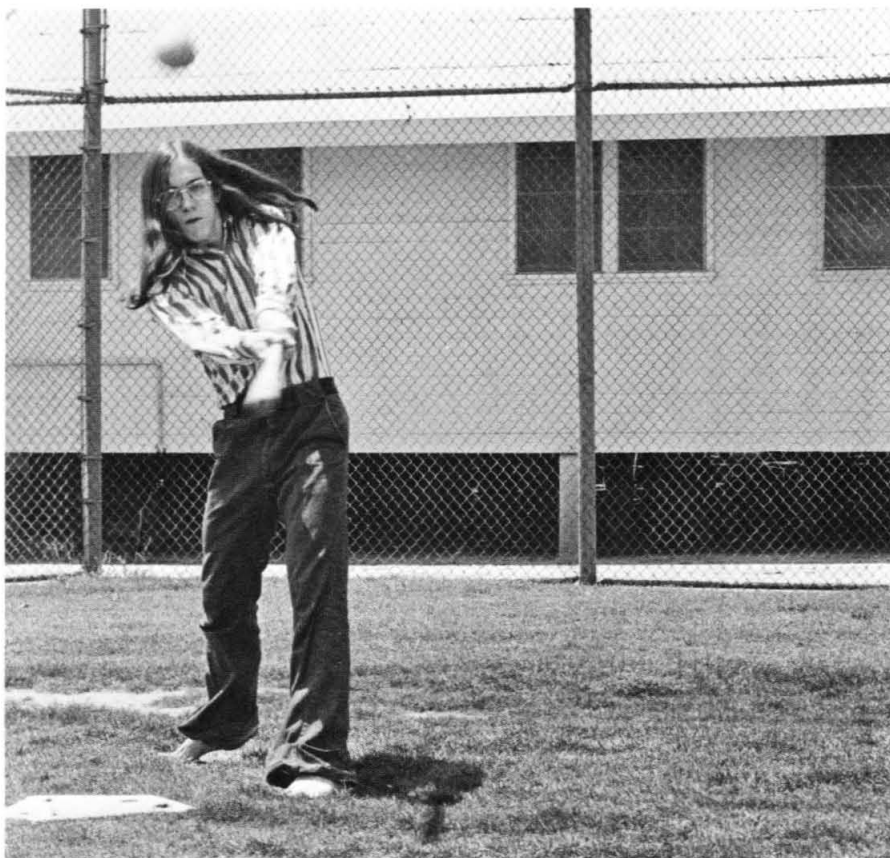
—Coach Neal

Caltech	27	Redlands	29
Caltech	17	La Verne	42
Caltech	26	Biola	29
Cal Lutheran	20	Caltech	35
Claremont—Mudd	24	Caltech	31
Caltech	22	Whittier	33
Pomona—Pitzer	20	Caltech	43
Occidental	19	Caltech	38
SCIAC Championships		Sixth Place	
NAIA District III Championships		Ninth Place	



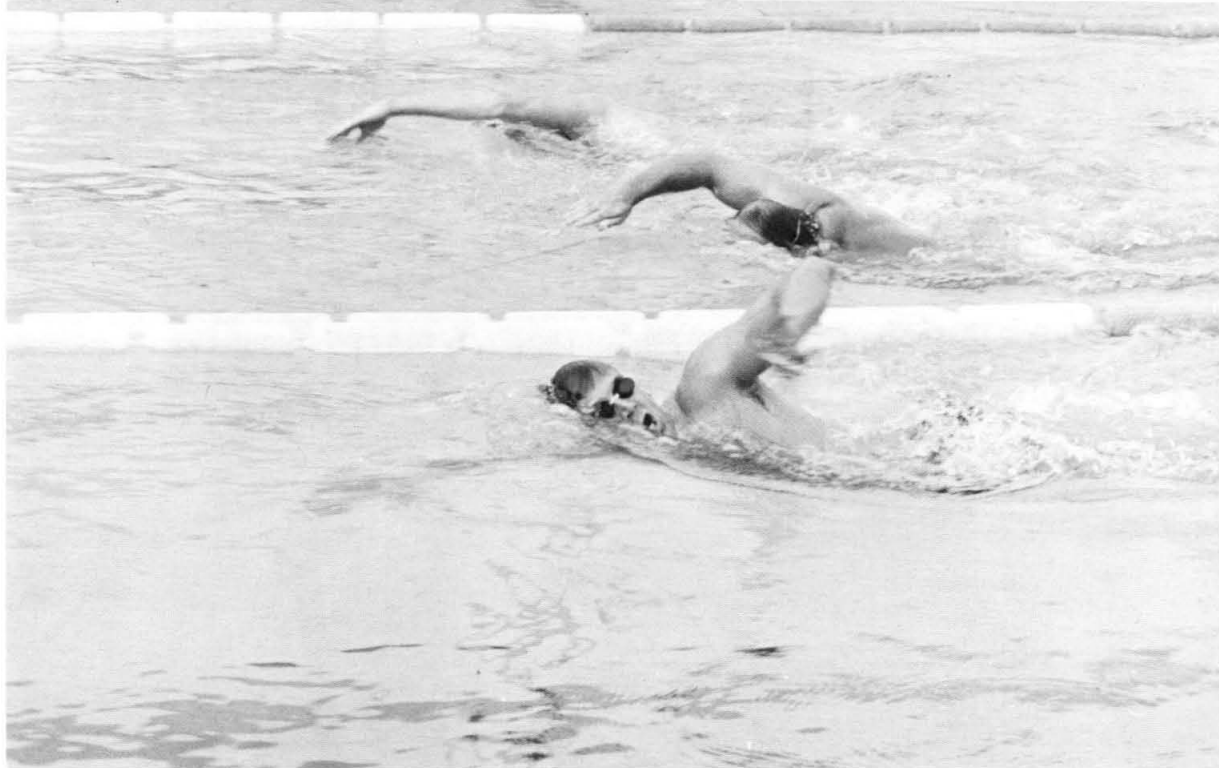
Interhouse Softball

	Record	Trophy
Blacker	5-1	58½
Page	5-1	58½
Dabney	4-2	45
Fleming	3-3	36
Ruddock	2-4	27
Lloyd	1-5	13½
Ricketts	1-5	13½

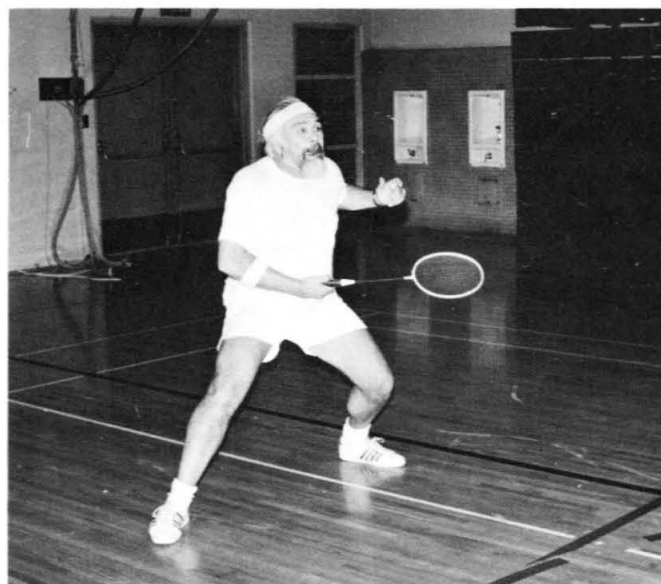
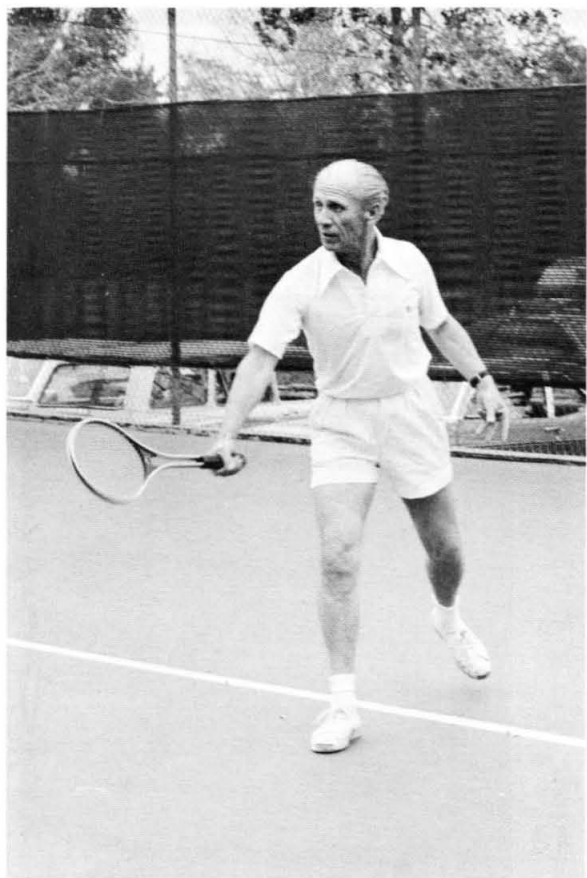


Interhouse Tennis

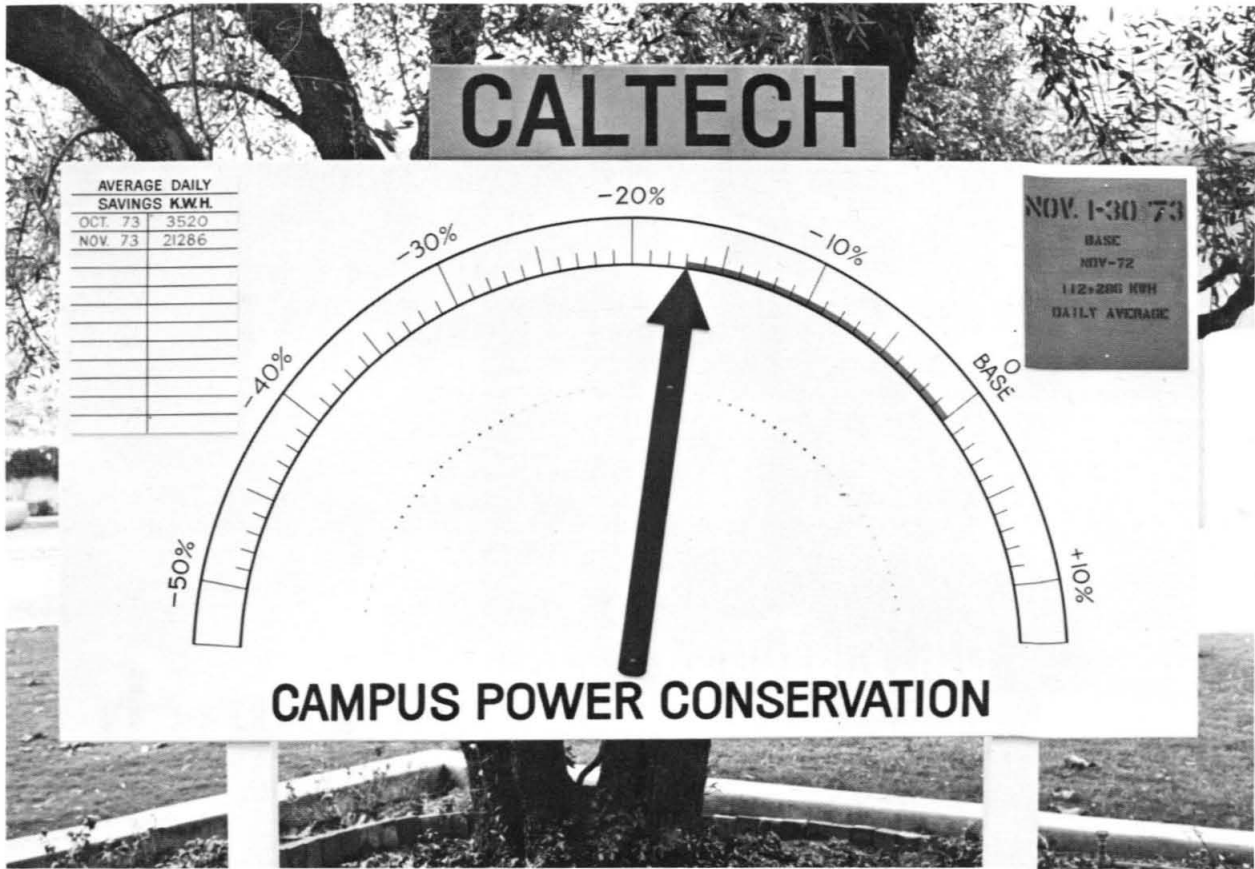
	Points	Trophy
Fleming	53	49
Lloyd	42	42
Page	35	35
Ruddock	32	28
Blacker	26	21
Ricketts	24	14
Dabney	8	7



Lunch Hour Athletics



The Energy Crisis Hits Caltech

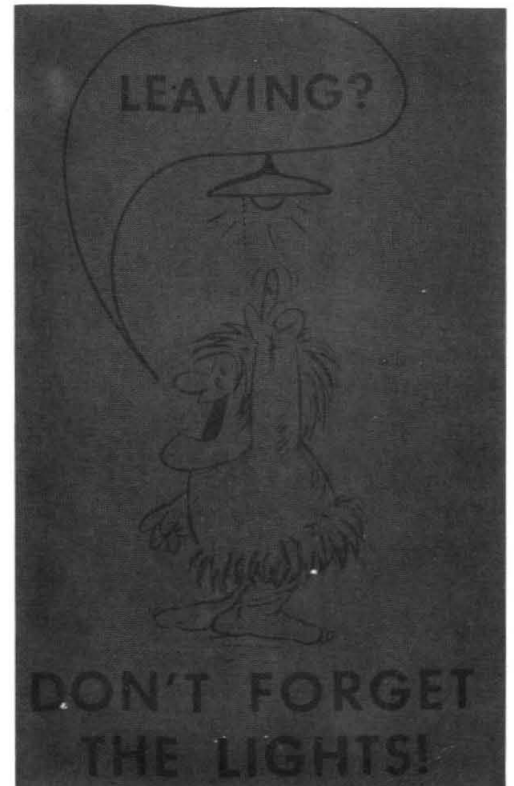


A new sculpture was added to the Winnett Sculpture Garden

Orange men stood under light switches



Corridors were darkened



CALIFORNIA INSTITUTE OF TECHNOLOGY

PHYSICAL PLANT DEPARTMENT

TO: Residents of the Student Houses

FROM: Physical Plant

SUBJECT: Excessive Water Use in Student Houses

It has recently been brought to our attention that excessive amounts of water are being consumed by the student houses. In view of the current utilities crisis and the increasing cost of pure water, this represents a substantial expense to the Institute.

Spot checks have indicated that most of the problem lies with all-time peak utilization of the restrooms in the various houses. Latest figures indicate that toilets are being flushed an average of 6.7 times per day per resident, meaning that almost twice as much water is being used for this purpose than for any other (including showers).

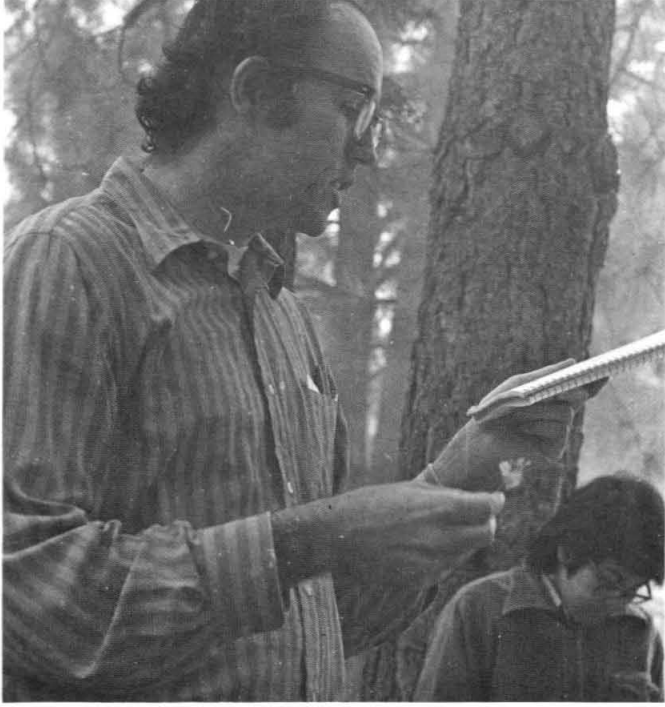
We ask the cooperation of all student house residents in reversing this trend by using less water. In the practical sense this means less frequent and more economical use of the toilet facilities. Please try to adopt the following recommendations:

- 1) Plan ahead. Often these facilities are used twice when once would suffice, if the user thought about it ahead of time.
- 2) If you have access to off-campus facilities, please make use of them whenever possible instead of those on-campus, especially in the student houses.
- 3) Never flush twice unless it is absolutely necessary. This will result in considerable savings.
- 4) Do not hold the valve handle down any longer than it takes to activate the flushing mechanism.
- 5) If you can think of any other practical ways of flushing the toilets in your alley less often, use them. A meeting of the members of your alley to discuss the situation might prove fruitful in this regard.
- 6) If you see or know of others who cause the toilets to be flushed an excessive number of times, please remind them of the current crisis and ask them to restrict personal use as much as possible.

If this problem continues unabated in the coming weeks it may become necessary to cut back water pressure to the student houses during periods of maximum use or, in the case of a severe shortage, turn off the water supply completely at scheduled times on a regular basis.

Feel free to contact the Physical Plant at ext. 1717 during regular business hours for further information on this problem.

M. Pisour



Caltech Y



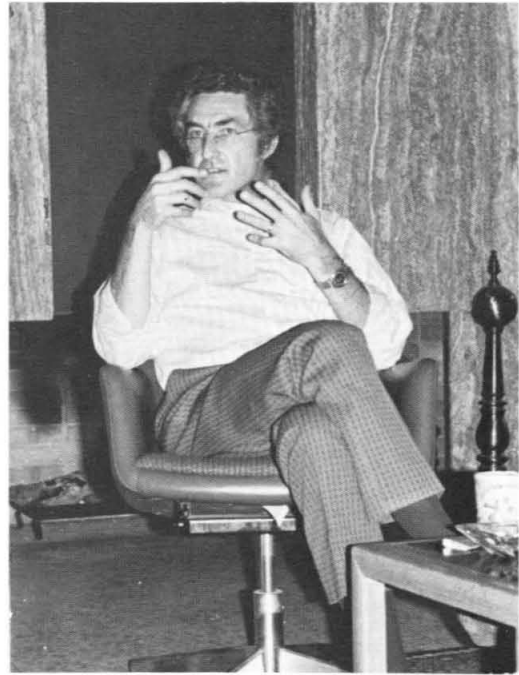
CALTECH Y EXCOMM—Left to right: Wes Hershey, Executive Director; Fred Sigworth; Haywood J. Robinson, President; Karen Maples, Treasurer; Paul Thomas; James Ogg; Virgil B. Shields, Vice President; Brian Yandell; Walt Meader, Associate Director.



Caltech Y



Dr. Al Hibbs

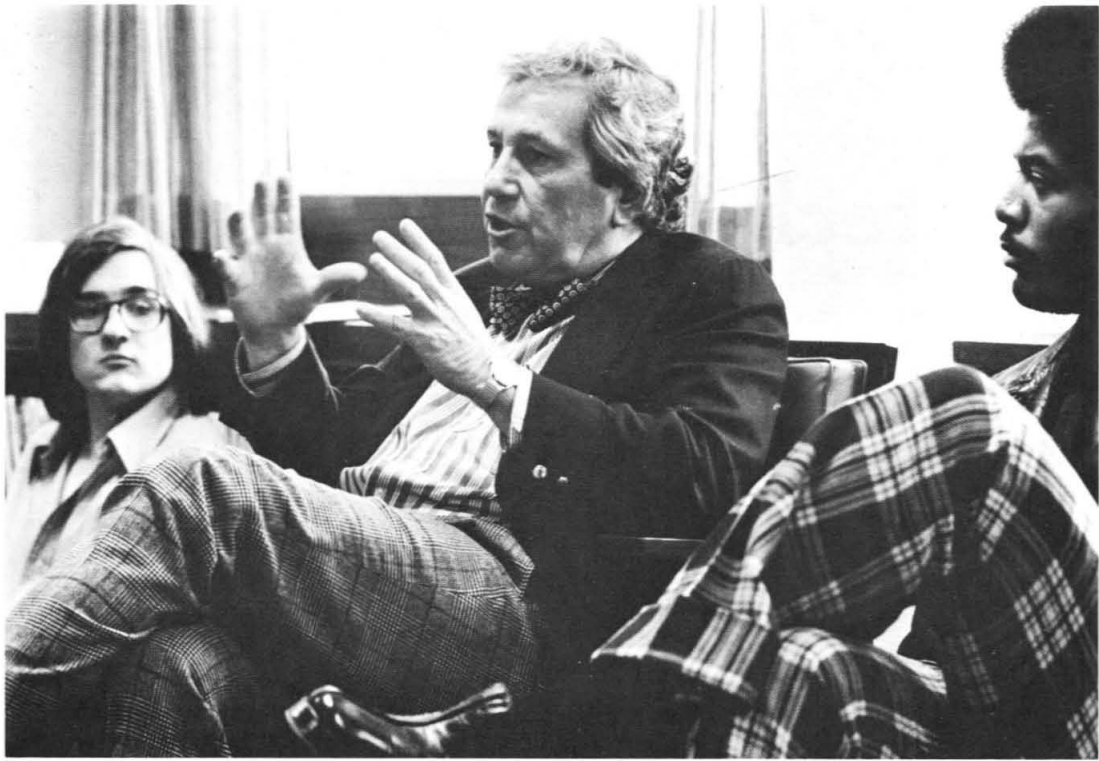


Speakers

Rev. John McLaughlin

Ken Kesey





Dick Tuck

Dr. and Mrs. Linus Pauling



Dr. Zhores Medvedev



The Caltech Christian Fellowship

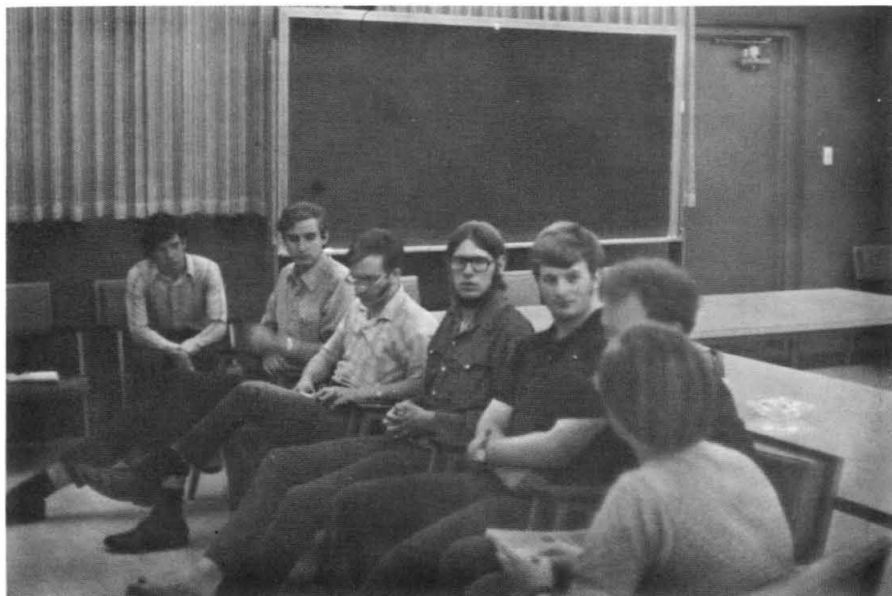


Both in numbers and in individual lives, the Caltech Christian Fellowship grew notably during 1973-74. Early in January we enjoyed the first annual CCF retreat—an exciting time of beachcombing, volleyball, singing, heavy prayer and bible study, and great fellowship. At the new Friday night fellowship meetings we talked, sang, and prayed, and also participated in lighter activities like making ice cream, Christmas caroling, and representing our “real selves” in hunks of artist’s clay.

The spiritual life of the fellowship expressed itself in many ways. Bible studies proliferated to roughly one in every house, including the new “Old Testament Walk-through.” The “family business” meetings in the fall were heavy times when we selected Eric Hansen as president, and explored what God says in the Bible about Christian groups and its application to us. The Thursday Noon Sing continued to provide an informal way to praise our Lord and have good times together.

Three more of the famous CCF square dances highlighted our fun times. Attendance soared to well over 100, and the CCF Jug Band gave its debut performance. CCF members also enriched their lives with picnics and hikes (both spontaneous and planned variety) and singing at Disneyland (to the dismay of the Disneyland police). Our year was a fulfillment of Jesus’ prayer “... that they may all be one.”

The Caltech LDSSA



The Caltech LDSSA (old Deseret Club) is shown here in typical style pondering great problems (such as whether doughnuts or ice cream is a better item for refreshments or how to attract more girls to grace the class). The LDSSA, part of the Young Adult organization of the Mormon church, sponsors area-wide activities and is composed of guys and gals of college age.

Membership in the LDSSA is *not* limited to LDS church members. Anyone having an interest in religion, doughnuts, ice cream, or girls can come join the weekly class in Winnett.

—Darrell Peterson

The Caltech Black Student Union



Back row: Michael Bell, Anthony Sneed, Alaudin Bhanji, Alexander Egwautu, Richard Eshun, Elijah Pugh, Gregory Gibson. Front row: Karen Maples, Kenneth Kyles, Deanna Hunt, Charles Bibbins, Lee Browne, Robert Thornton, Gregory White, Laurreta Carroll. Kneeling in front: Virgil Shields, Haywood Robinson. Missing: Durwin Wright, Fred Williams.

Caltech Chinese Students Association



WORKING STAFF—Seated: Martin Chen, Sports Chairman; Raymond Hou, Vice-President; Mingin Lo, President; Arthur Lau, Cultural Chairman; Daniel Kwoh, Treasurer; S. J. Poon, Publicity Chairman; K. W. Yung, Social Committee. Standing: C. N. Pow, Social Committee; M. L. Shek, Service Chairperson; Valerie Hu, Social Committee Chairperson.



CCSA Camping—boating in Kern County

The members of the Caltech Chinese Students Association include not only Chinese students on campus, but also some faculty members and some staff members of JPL. The most important activity of the Association for the past year has been the Caltech Chinese Science Lecture Series. With financial help from the GSC, ASCIT, and various departments, they have invited about ten speakers to talk on the subject of Chinese science and technology. The lectures have been quite popular and have attracted audiences from throughout the Caltech community as well as some from the outside. It is hoped that this lecture series has stimulated interest and brings about better understanding of China today.

Besides the serious business of the lecture series, the Association also finds time to organize other social activities such as camping, hiking, and parties.



Dr. Abarbanel talks about his trip to China.

C i n e m a t e c h



The OCRC

The Official Campus Riot Committee (OCRC) claimed many victories this year, most important of which was the dissemination of Revolutionary Thought around the campus. The People's Wall, proclaimed by the OCRC during second term, quickly became a forum which has been more widely read than that capitalist fishwrap, *The California Tech*. [Small wonder, if you've read the trash they print.]

Even though our candidate for the ASCIT presidency lost to that dumb oversexed broad, with The People's help we have achieved a number of our goals. Witness the expulsion from campus of those imbecilic butter-brained buzzards, the AFROTC. Or the place of honor accorded the People's Sculpture in dirty dave's sculpture garden. Or the final triumph over fascist censorship by the liberation of the June cover of *Ectoplasm and Sorcery*.

To all our sympathizers, thank you for your help. As for our enemies, go wedge your heads in a meat cleaver. I must skip out of town for a few months, due to the proximity of SLA forces who know that I ratted on their comrades.

—Madam R



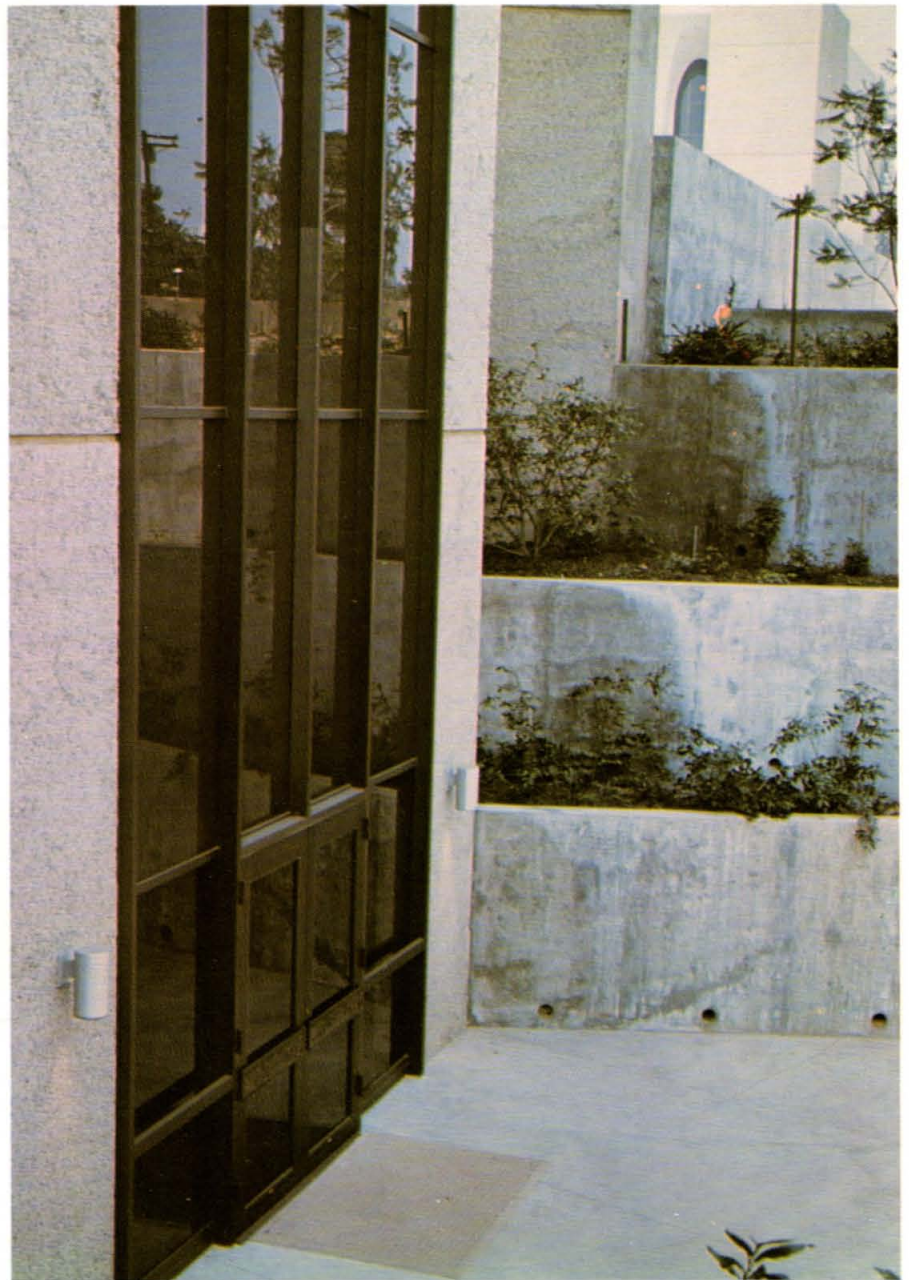


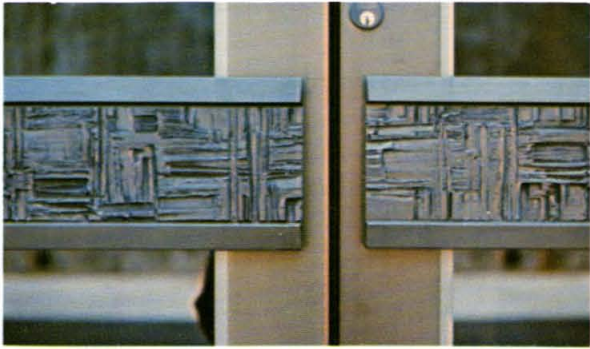


Second Term



**The Mabel and
Arnold Beckman
Laboratories of
Behavioral
Biology**

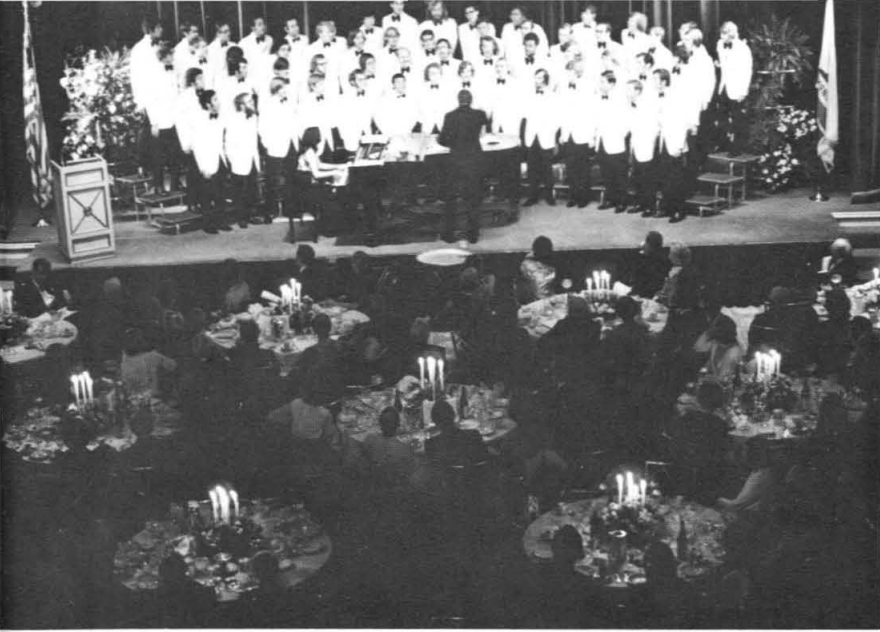






**Behavioral
Biology
Dedication**







The Eradication



*San Pasqual Street
September, 1973*

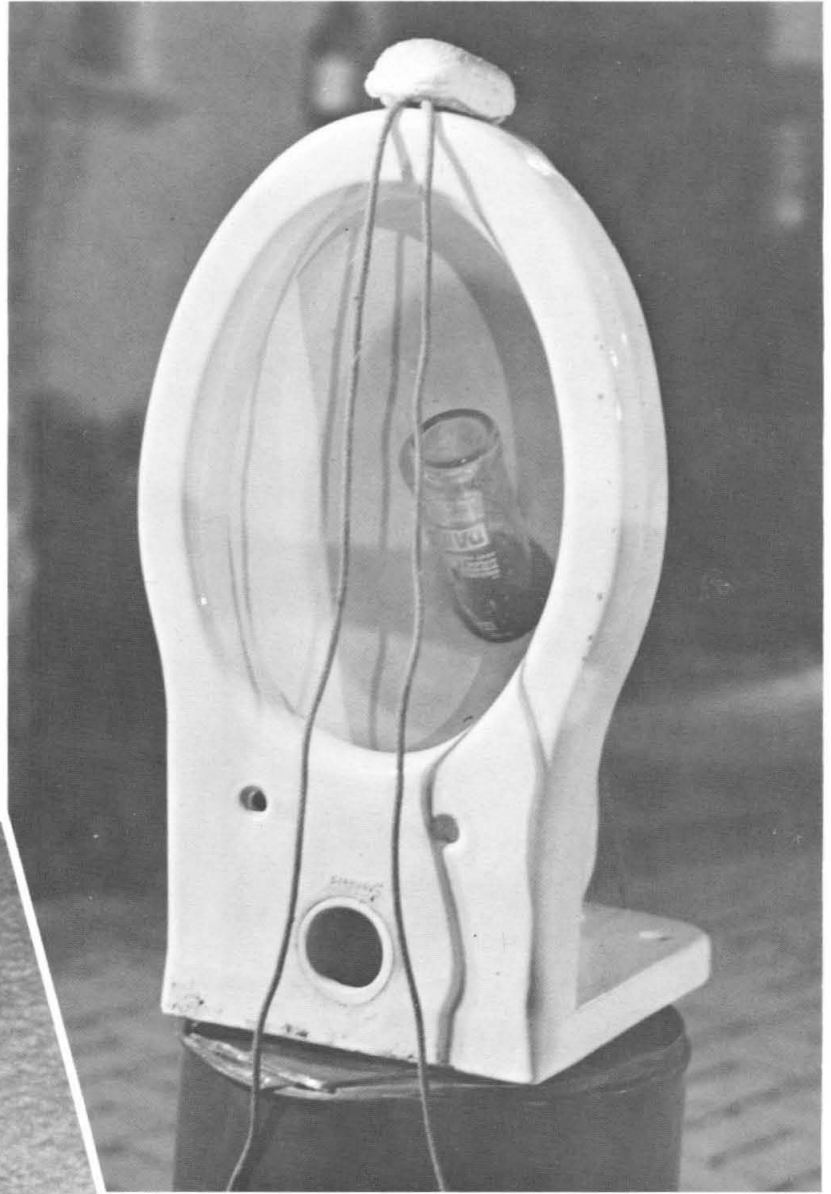


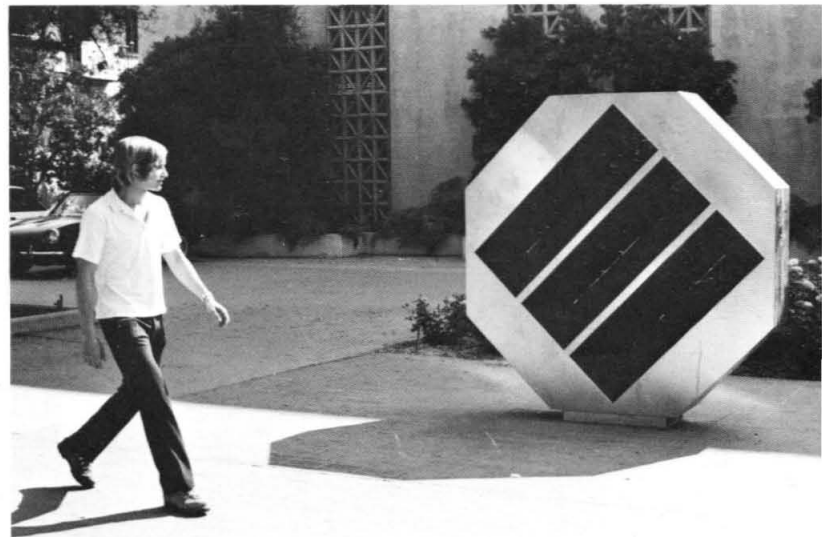
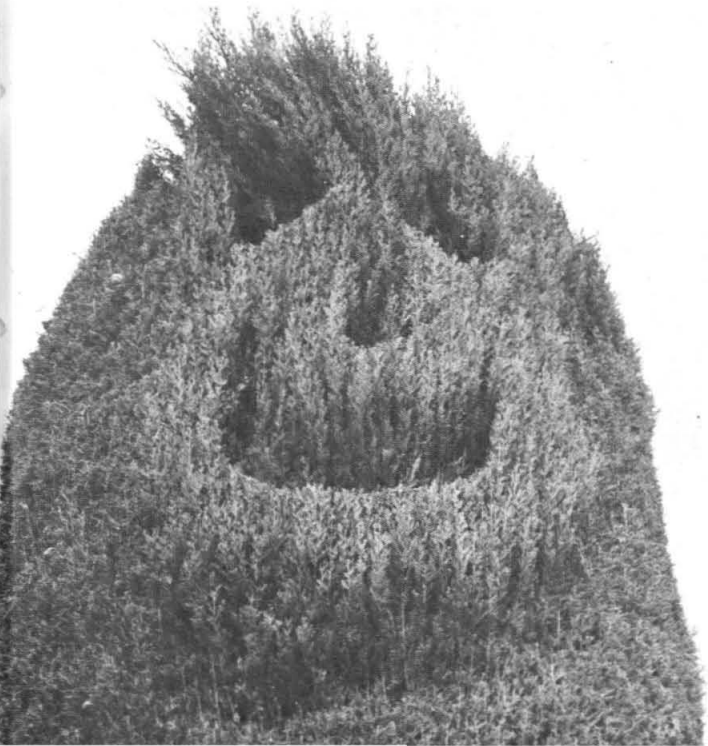
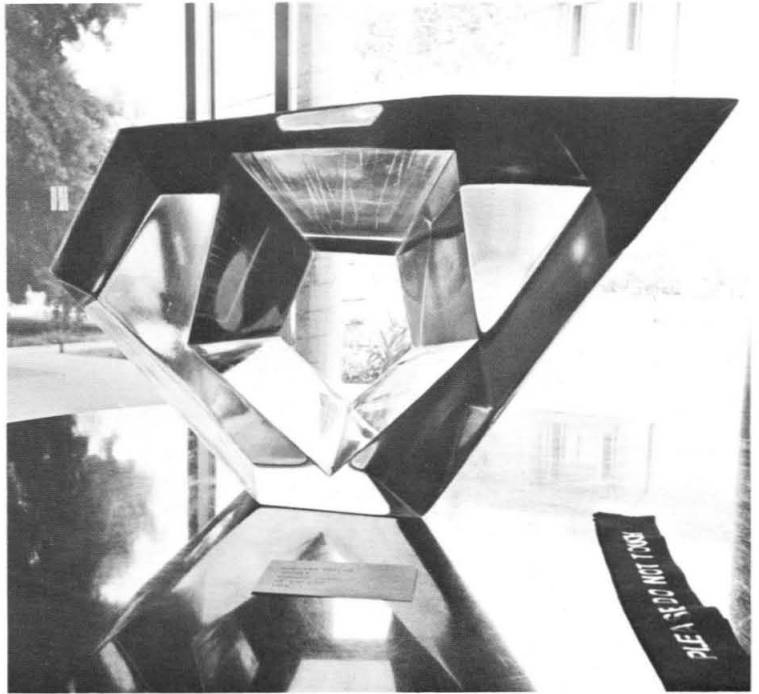
*San Pasqual Street
May, 1974*

Art

At

Caltech

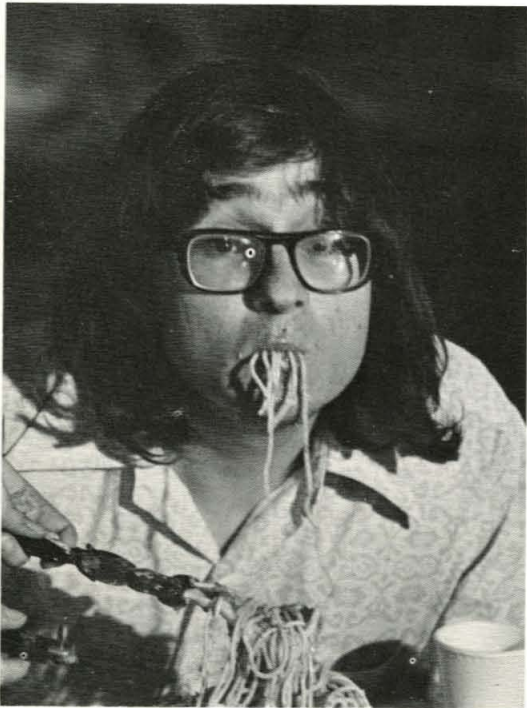






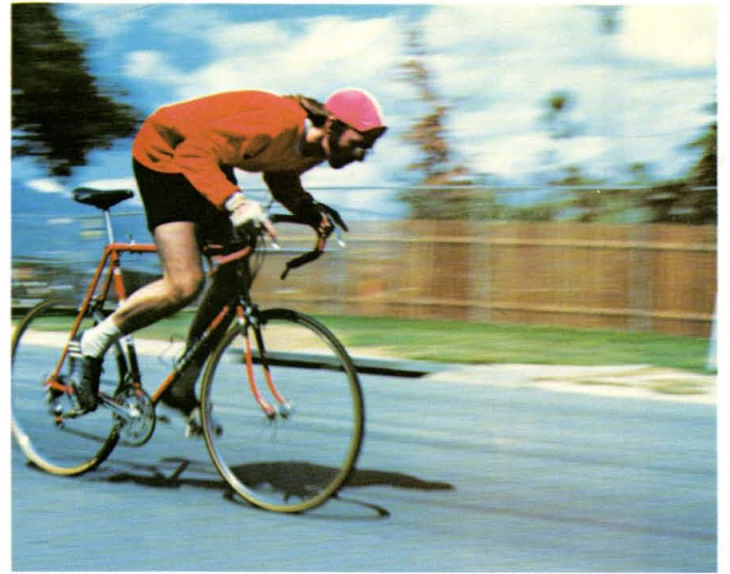
On a clear day in second term, you could see the San Gabriel Mountains

John Tristano won the spaghetti-eating contest



Gates was a shell of its former self

The Rudds found out that slingshots still work

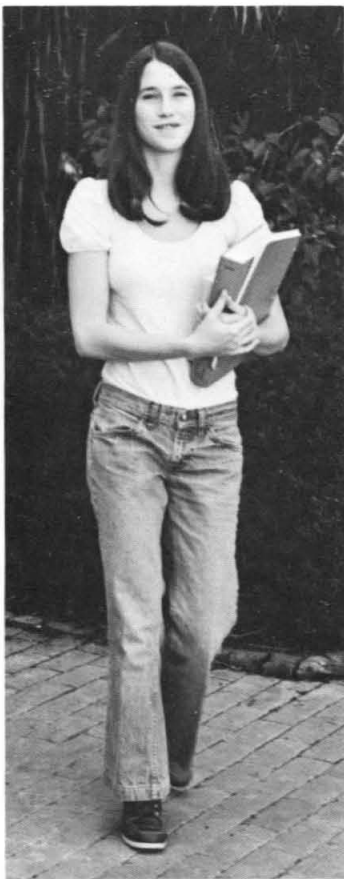


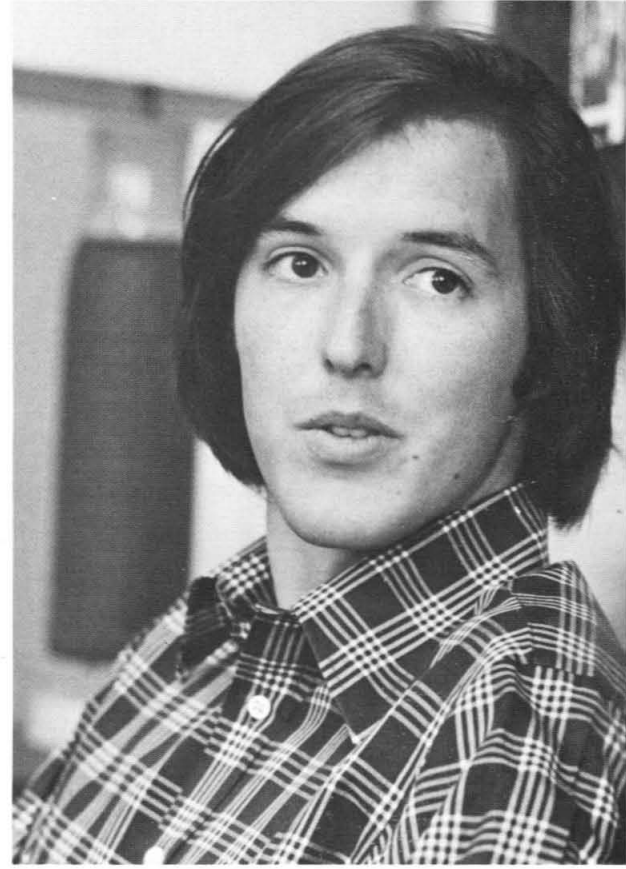
Cyclists warmed up for third term's race

The Flems signaled the end of the term in the usual manner



ASCIT







With all these pages of color, you thought the staff picture would be black-and-white?

The BIG T

The chairman of the board of editors of 1973 scowled at the BOD. "If you want *The Big T* to come out in 1974, you'd better do something!" They tried, but failed. So the chairman chose a victim, locked him into a bright, non-smoke-filled room, and didn't let him leave until he had agreed to assume the editorship of the 1974 *Big T*.

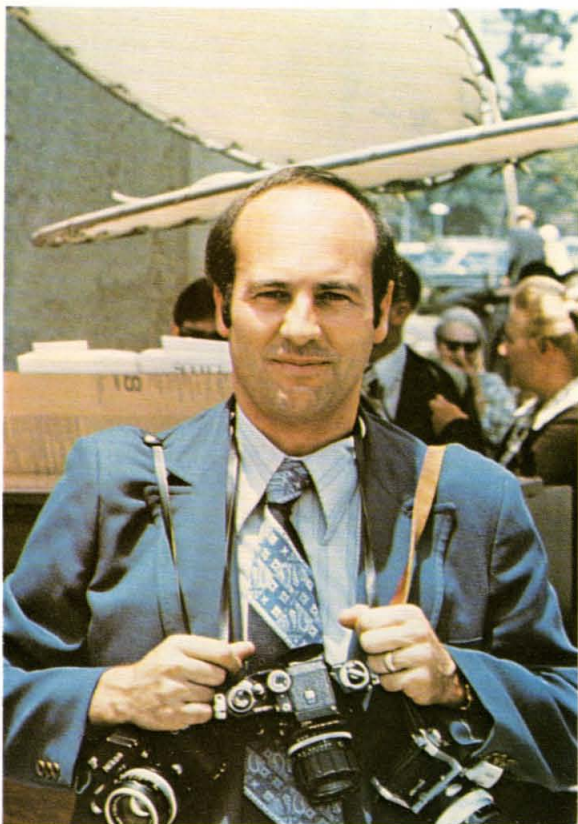
Not that the victim gave in too easily. The 1973 chairman was hooked into being house section editor and the 1973 surly dictator agreed to be an "assistant editor," whatever that means. A few weeks later, lured by visions of hard covers and color photos, ASCIT members agreed to fork over \$12 instead of \$8 for the greatest publication this side of *Ectoplasm and Sorcery*. All this money proved to be too much of a temptation for one poor (but not for long) soul, who became business manager. And then ASCIT treasurer. And then . . .

A little work got done first term. A little more got done second term. By the beginning of third term, though, things were really dragging. Time for new blood, thought the hapless editor-in-chief. So he went to his favorite Mexican restaurant and found a well-known author there who could be coerced into doing 60 pages.

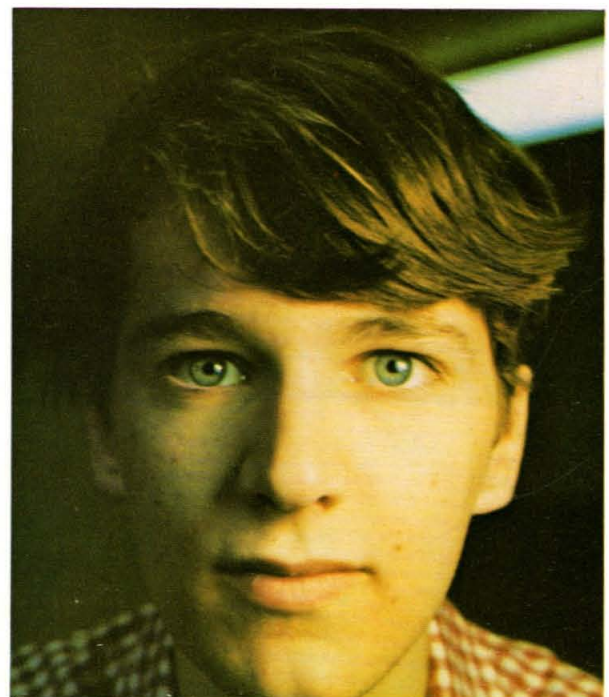
Finals week! After the editor was seen on the cover of *E&S*, in a rather threatening pose, all sorts of work got done. Seniors and profs were pasted up. House historians and photographers put together their house writeups and artwork, some almost on time. Ads were pasted up. The book jumped from 256 pages to 272. Three staff members were baked in black robes and mortarboards.

Summer. The endsheets were done. And redone. And redone. A Canadian asbestos strike forced the assistant editor to bus down from Stockton. And the book was sent to press on the ninth of July, appropriately grossing out everyone.

Anybody who comes to New Zealand for Christmas break is invited to the staff party on Paraparaumu Beach.



Floyd Clark, Publications
"You want to take my picture? In color?"



The CALIFORNIA Tech



Ed Hutchings, Journalism
"This will probably get read a lot more carefully than the real E&S."



More, more, more! The first issue of the *Tech* set the tone for the year—twelve pages (the first of five twelve-pagers). It's a wonder the boat to Catalina didn't sink. And as if putting out an average of over eight pages a week weren't enough, GHBM (Peisner) decreed that four special issues, entitled *The Hot Throbbing Football*, would come out to celebrate home football games. It's a wonder where all the ads came from to pay for it all. And publishing on Friday—what's the world coming to?

Molly was rooming with Hal, under the chaperoning eyes of The Tech Trio in the windows. Eichorn was living proof that "first-year frosh" was not redundant. Joining him as editors-in-chief were Claypool, now finding his calling in engineering, and Mallonee, the only one of the Trio whose GPA threatened to be greater than 2.0. Beckman, though retired, still brought refreshments to the staff parties. Kieckhefer was still writing sports and Olshan was still circulation manager, though geo field trips called them out of town more and more. Sweeney held off the inevitable for a while by claiming to be a features editor, and Donner again covered the Beckman-Ramo scene.

E. Squirrel Mole wrote an expose of Peter Miller's resignation. The editors protested the hiring of rent-a-cops, Nixon's actions, the lack of food service, and various other incidents. A Service League gift made four-color *Techs* possible (and one even a reality). Mark Johnson. And there were contests—"Stand Up for Nixon" and "Name the Photo."

Eichorn was promoted to Editor-in-Exile. Soon afterwards, following another twelve-pager and ASCIT elections, Claypool was also relieved of his editorship-in-chief, in favor of GPA-chasing. The inevitable fell upon Sweeney, and Gruner marked the rise in status of the photographer by joining him and Mallonee as Top Bananas. New headline fonts marked the change in leadership.

Patty left for greener pastures (she was last heard from in Austria) and Andrea returned as typist after Peisner made her an offer she couldn't refuse. Simay became Features Editor and began planning a superfeature on women. OCRC articles appeared, both in the *Tech* and *Star-News*, as did letters about the organization. Claypool succumbed to businessmanageritis ("greed") and again threatened his GPA. The Lit 15 class interviewed a few noteworthies, but frosh reporters remained frosh reporters.

Hal and Molly were shocked when the *Rivet* came out a day early. They were even more shocked when they saw the centerfold.

Ray Feeney should be in this photograph, but he found himself on the wrong side of the camera.

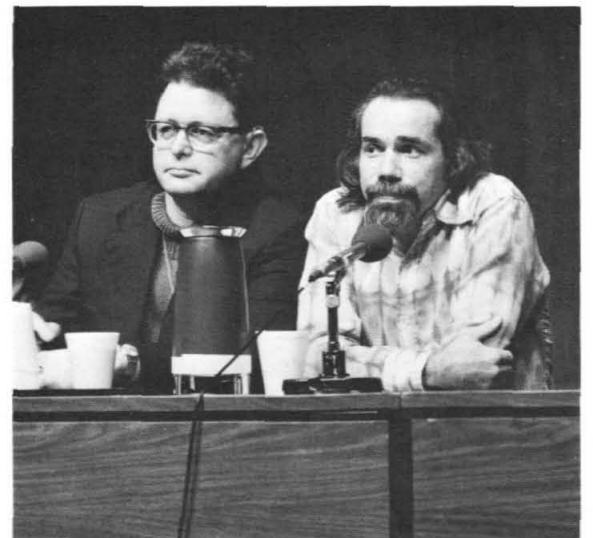


SCIENCE FICTION

Jerry Pournelle



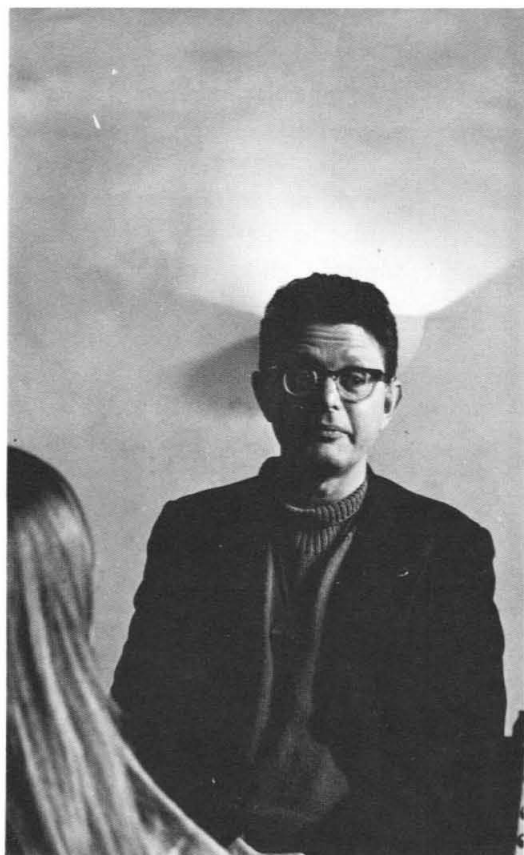
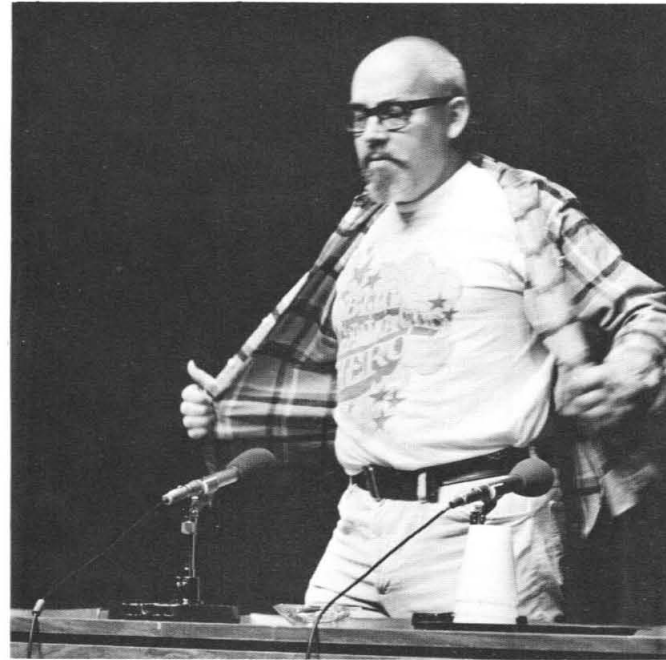
John Pierce and Harry Harrison



Poul Anderson and Robert Silverberg.



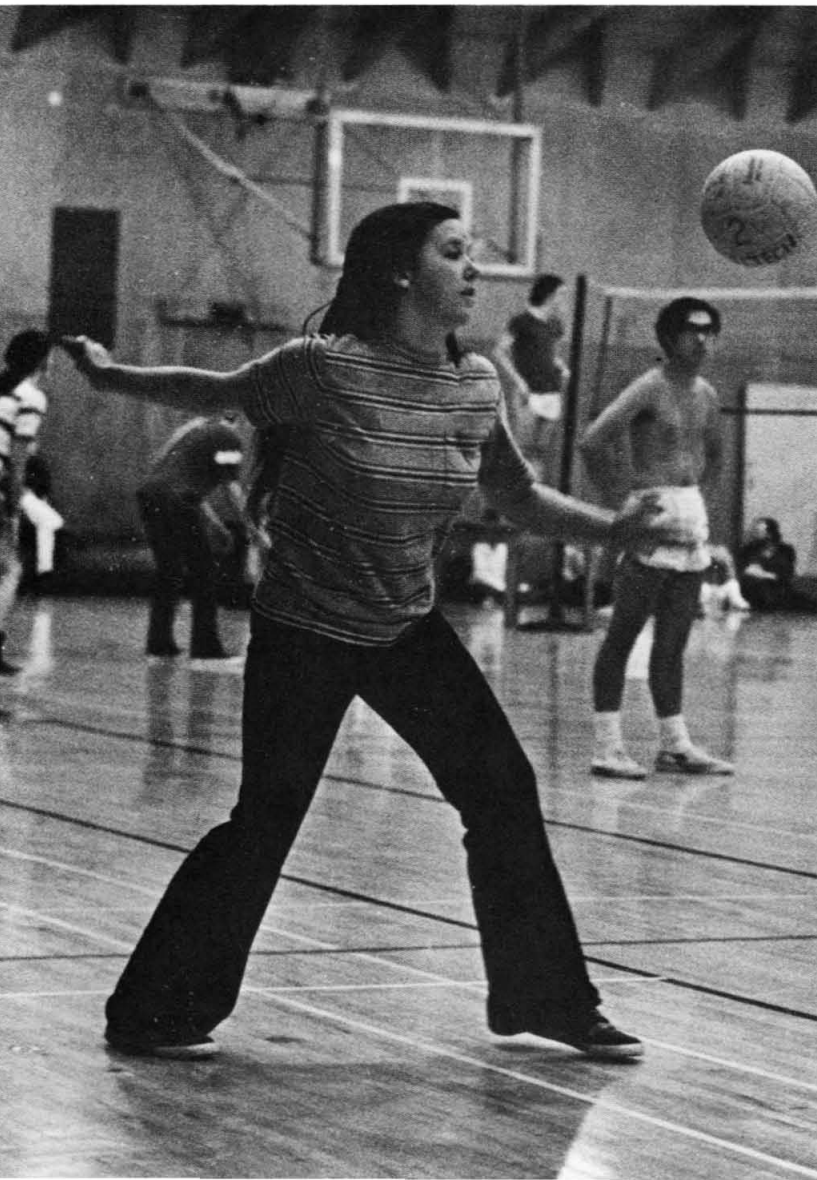
Fred Hoyle and Robert Heinlein



CONFERENCE

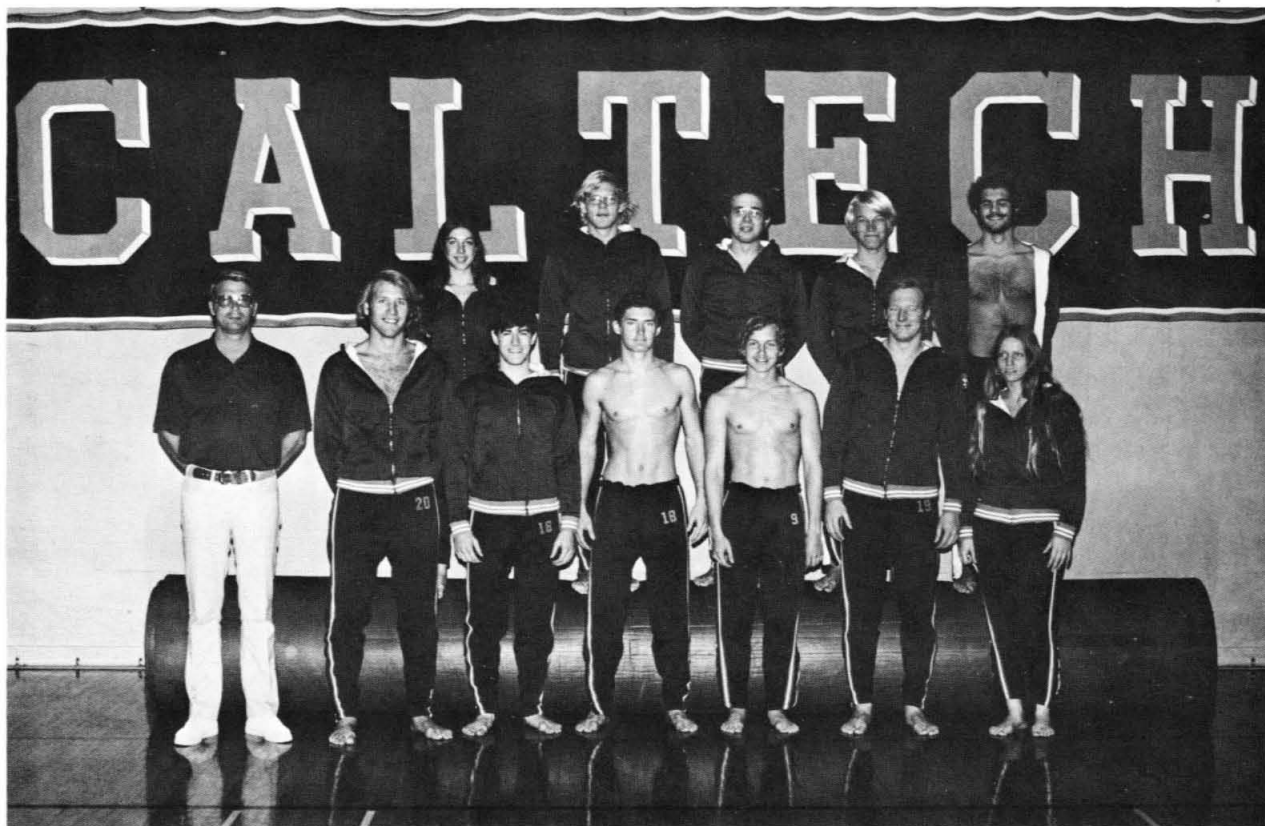
Interhouse Track

	Points	Trophy
Fleming	79	56
Page	68	48
Ruddock	28	40
Lloyd	24	32
Blacker	18	24
Ricketts	4	16
Dabney	3	8



Interhouse Volleyball

	Record	Trophy
Page	6-0	56
Fleming	5-1	48
Dabney	4-2	40
Ruddock	3-3	32
Ricketts	2-4	24
Lloyd	1-5	16
Blacker	0-6	8



Front row: Ed Spencer (coach), Howard Bubbs, Bob Coleman, Steve Bitondo, Bob Kieckhefer, Dan Hale, Margo Robe. Back row: Fran Wetter, Jim Seidel, Mike Wilson, Mark Visser, Russ Desiderio.

The same lane lines and chlorinated water surrounded the swimming team in 1974 as in previous years, but Ed Spencer's enthusiastic (sadistic?) yelling from the pool edge made this year's season much different than recent years. ("What do you mean, you're tired after swimming 20 50's butterfly? I've been standing here watching you, and I'm not tired, even though I'm ten years older than you.")

The swimmers finished fourth in the conference after a series of one-sided dual meets, two of which were one-sided in Tech's favor. Everybody *thought* the Cal State LA meet would be close, inspiring various swimmers to superhuman times and series of events, but three unknown Cal State swimmers stole the show by winning six of the nine individual events.

Bob Coleman led Techers at the SCIAC finals by taking fifth in the 100 backstroke. After the last races, but before the team party at Charlotte's, co-captain Bob Kieckhefer was voted the Campbell Trophy for his efforts in the distance freestyle events. After lowering her 200-yard butterfly time by 25%, Fran Wetter qualified for Most Improved honors (and, incidentally, the first letter awarded to a Caltech woman in "men's" competition). And Jim Oliver was the unanimous choice for Outstanding Diver.

-I. M. Wett

Swimming



Caltech	65	Whittier	18
Occidental	65	Caltech	30
Claremont-Mudd	68	Caltech	25
Pomona-Pitzer	75	Caltech	36
Cal State LA	68	Caltech	44
Caltech	61	Redlands	31
SCIAC Championships			<i>Fourth Place</i>



Front row: Mark Puryear, Marie Beall, Ann Clemmens, Nick Esquivel, Steve Comens, Delmar Calvert (coach). Back row: Ken Wiener, Steve Gillett, Darrell Peterson, Paul Whitmore, Edward Rhodes.

The man (or woman) who didn't show up hurt the 1974 fencing squad as much as enemy swordsmen and even the gasoline crisis. The women's foil team was winless this year, but would have knocked off UC Santa Barbara if three women had gone to the meet instead of only two. And the epee team similarly might have beaten UC Irvine except for an unnamed no-show.

Darrell Peterson and his slashing frosh—Ed Rhodes and John Ernest—on the saber team led the fencers with two wins this year. These rapidly improving frosh will hopefully lead the fencers in 1975, unless Caltech is expunged from the conference which Coach Calvert helped form a few years ago. And hopefully The Great Arabian Gasoline God will permit the fencers to attend more away meets than they did in 1974!

Fencing

MEN'S FOIL

UC Santa Barbara	7	Caltech	2
LA Valley College	6	Caltech	3
Cal State Fullerton	9	Caltech	0
UC Irvine	7	Caltech	2
Cal State Long Beach	7	Caltech	2
San Diego State	9	Caltech	0

SABER

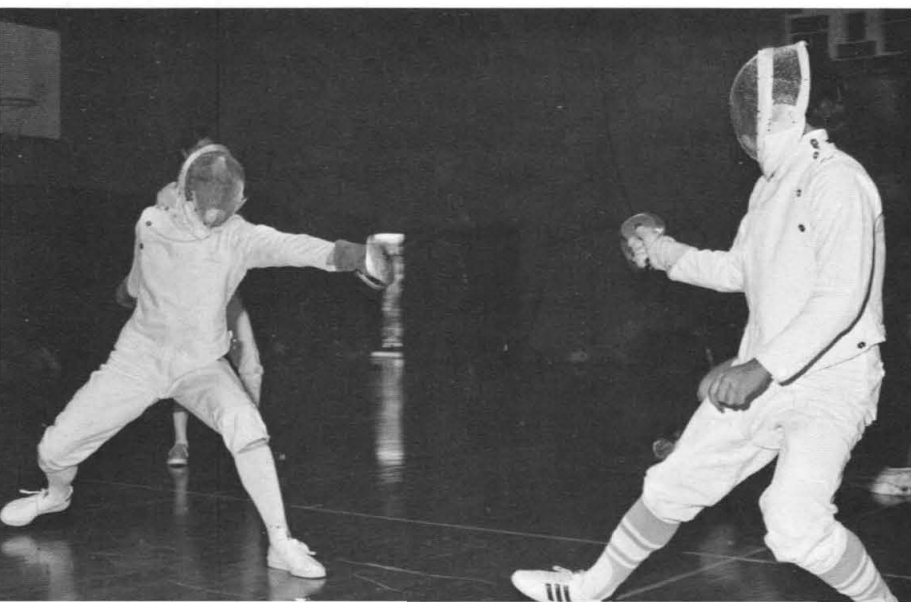
UC Santa Barbara	6	Caltech	3
LA Valley College	7	Caltech	2
Cal State Fullerton	9	Caltech	0
Caltech	6	UC Irvine	3
Cal State Long Beach	6	Caltech	3
Caltech	6	San Diego State	3

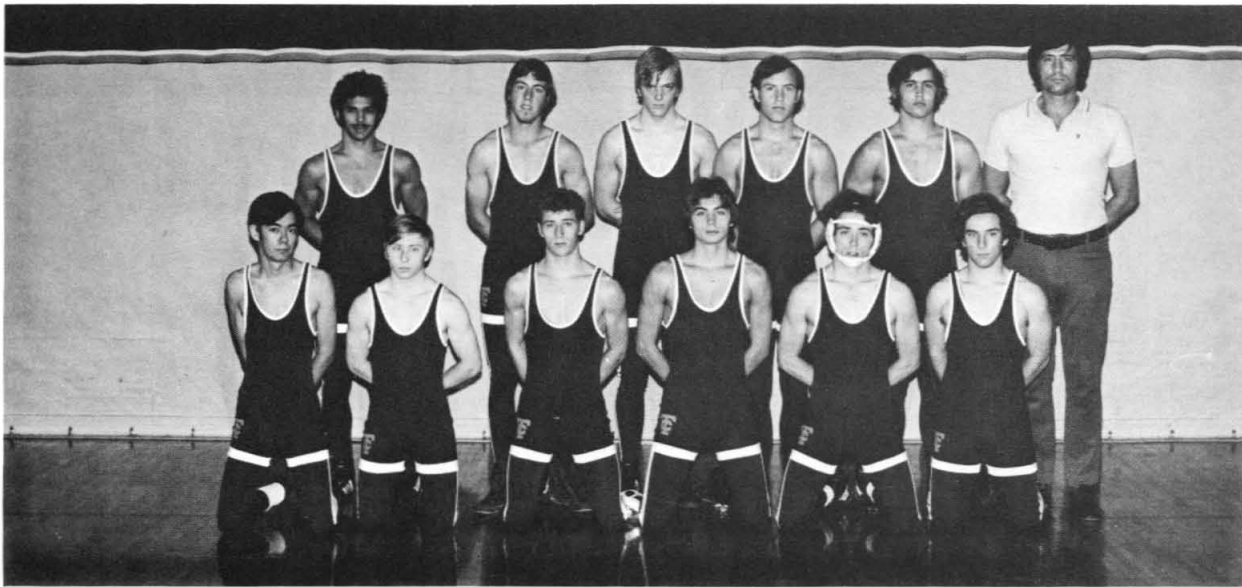
EPEE

UC Santa Barbara	5	Caltech	4
Caltech	5	LA Valley College	4
Cal State Fullerton	8	Caltech	1
UC Irvine	5	Caltech	4
Cal State Long Beach	7	Caltech	2
San Diego State	6	Caltech	3

WOMEN'S FOIL

UC Santa Barbara	6	Caltech	3
LA Valley College	7	Caltech	2
Cal State Fullerton	9	Caltech	0
UC Irvine	8	Caltech	1
Cal State Long Beach	9	Caltech	0
San Diego State	6	Caltech	3





Front row: Richard O'Keefe, Mike Norman, Willy Moss, Tony Tullot, Ken Walker, Bob Loveman. Back row: Val Catanzarite, Chris Russell, Art Gooding, Jeff Blair, John Baker, Tom Gutman (coach).

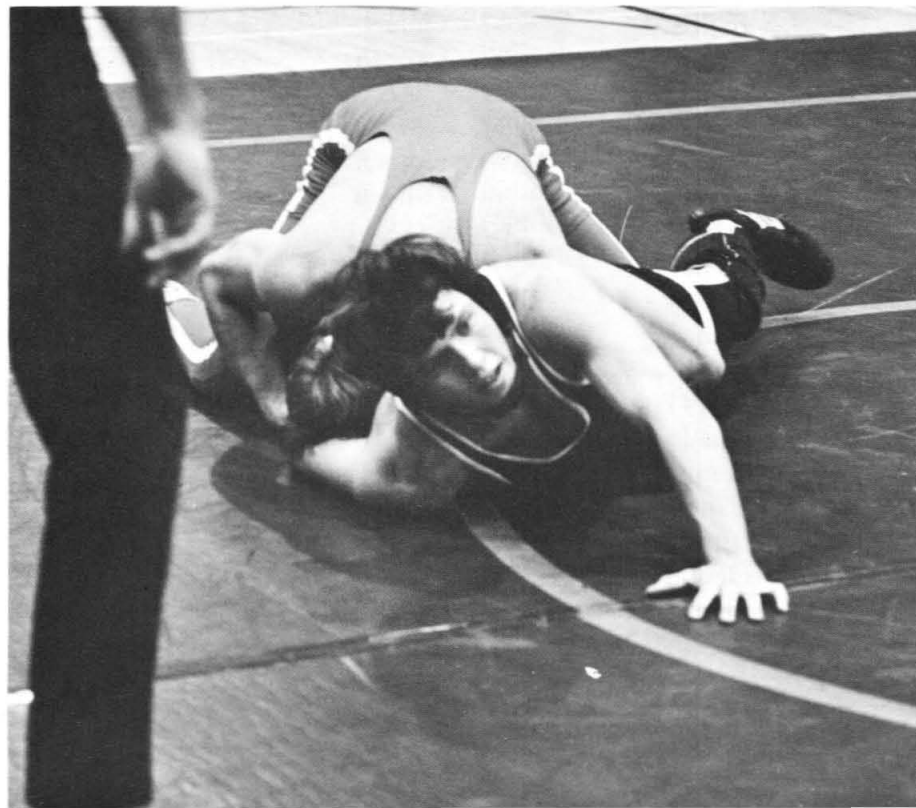
Wrestling

Most wrestlers suffer from weight problems. ["If I shave my head I can lose another quarter pound, no sweat."] This year Caltech's wrestlers had another weight problem, however—they weighed an average of 14 pounds less than their opponents. This did produce a few notable performances, of course, such as Chris Russell's third place at 190 pounds in the SCIAC Championships—Chris weighed only 155!

Tech managed to place third in SCIAC this year,

with Ken Walker and Val Catanzarite taking firsts in the conference meet. Walker went on to a third place in the NAIA District III Championships and represented Tech at the NAIA Nationals. Vince Fratello shared the Latham Wrestling Trophy with Walker, though he "decided" to not officially wrestle this season, in exchange for an additional season of eligibility in 1974–75. [Fratello unofficially took a second at the District meet, even though NAIA records don't say so.]

Caltech	42	Cal State Northridge	18
Caltech	33	Point Loma College	24
Caltech	39	LA City College	18
Caltech	36	LA Trade Tech	18
Biola	36	Caltech	6
Caltech	39	Pomona—Pitzer	12
Redlands	25	Caltech	18
Caltech	52	La Verne	0
Azusa Pacific	36	Caltech	24
Southern Calif. Coll.	45	Caltech	12
Cal State LA	49	Caltech	6
Caltech	48	Cal Lutheran	12
Claremont—Mudd	36	Caltech	21
Whittier	31	Caltech	21
Caltech Invitational Tournament		<i>Seventh Place</i>	
Biola Invitational Tournament		<i>Twelfth Place</i>	
SCIAC Championships		<i>Third Place</i>	
NAIA District III Championships		<i>Ninth Place</i>	





Front row: Hudson Scott (coach), Durwin Wright, Mike Bandhauer, Bruce Harrow, Duane Boman, Mark Bandhauer, Rich Baker. Back row: Beau Lee, Doug Carlson, Chris Cooper, Ron MacMaster, Norm Nelson, Bart Locanthi, Bob Fisher.

Varsity Basketball

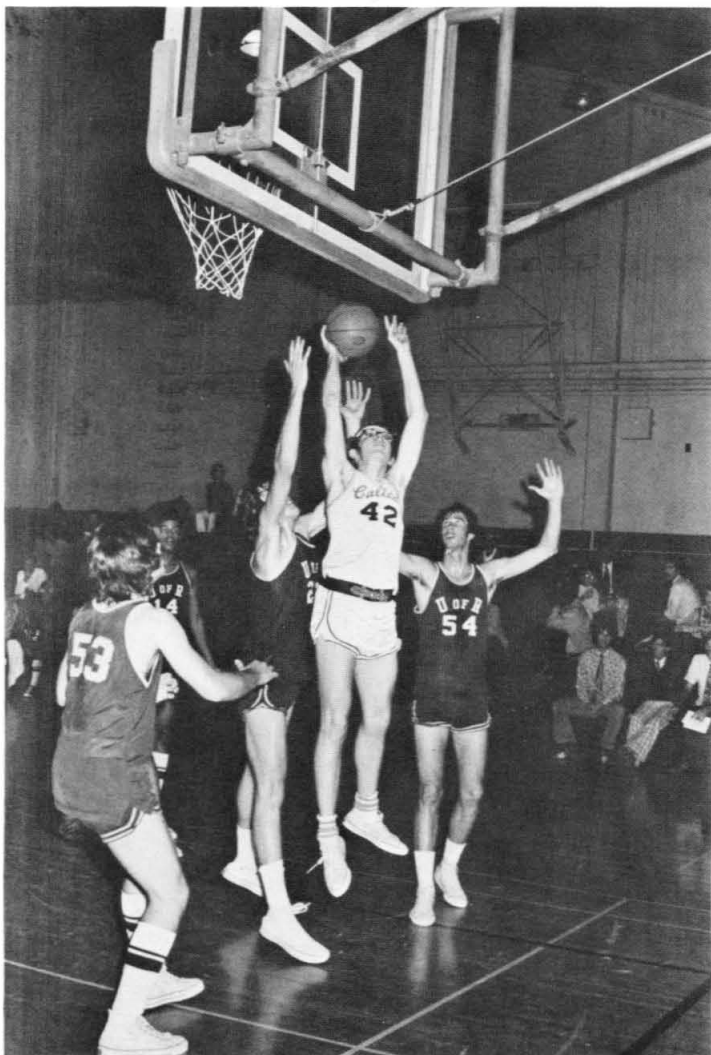
LIFE	51	Caltech	32
Southern Calif. Coll.	127	Caltech	67
Pacific Christian	88	Caltech	57
LA Baptist	107	Caltech	60
Redlands	97	Caltech	33
Pomona—Pitzer	79	Caltech	45
Chapman	81	Caltech	46
Whittier	98	Caltech	55
Occidental	98	Caltech	57
Caltech	67	LIFE	65
La Verne	69	Caltech	51
LA Baptist	77	Caltech	51
La Verne	85	Caltech	57
Redlands	76	Caltech	32
Pomona—Pitzer	62	Caltech	50
Chapman	109	Caltech	67
Claremont—Mudd	72	Caltech	64
Cal Baptist	89	Caltech	53
Whittier	87	Caltech	63
Occidental	91	Caltech	42
Claremont—Mudd	78	Caltech	40

This season was not a spectacular one for Tech's basketball teams. In early season the varsity was hurt by the ineligibility of Captain Chris Cooper, Mark and Mike Bandhauer, and Beau Lee. When they rejoined the team in second term, the Beavers' performances improved, but they still only managed to score one victory, 67-65 over LIFE College. Bart Locanthi was awarded the Vesper Trophy for leading the varsity squad in 1973-74, and Duane Boman received the Carl Shy Freshman Basketball Trophy. Both players will be back next year to hopefully lead the hoopsters to a more successful season.

The jayvee team, as always, suffered from a lack of experienced players. Eileen Reeds' participation in the basketball program brought fame in various newspapers, and her comment, "We came within 30 points once" sums up the jayvee season rather succinctly. The jayvees did acquire a lot of experience this year, however, which will help the varsity in future seasons.



Front row: Russell Griener, Peter Lu, Robert Doublin, R. Kung, Pete Theisen, Anthony Sneed, Eileen Reeds, Dan Dobkin.
 Back row: Don Keenan (coach), Steve Clark, Doug Brandt, Thomas Guthrie, John Loo, George Lozier, Alfred Sepulveda, Greg Gibson.



Jayvee Basketball

Southern Calif. Coll.	103	Caltech	20
Pacific Christian	77	Caltech	23
LA Baptist	118	Caltech	26
Redlands	96	Caltech	25
Pomona-Pitzer	83	Caltech	37
Whittier	115	Caltech	33
Occidental	117	Caltech	26
Pacific Christian	90	Caltech	42
La Verne	72	Caltech	49
LA Baptist	86	Caltech	32
La Verne	97	Caltech	31
Redlands	83	Caltech	19
Pomona-Pitzer	96	Caltech	34
Claremont-Mudd	100	Caltech	23
Cal Baptist	130	Caltech	39
Whittier	123	Caltech	17
Occidental	125	Caltech	20
Claremont-Mudd	99	Caltech	27





Third Term



Ten Jin Returned to Dabney Gardens...



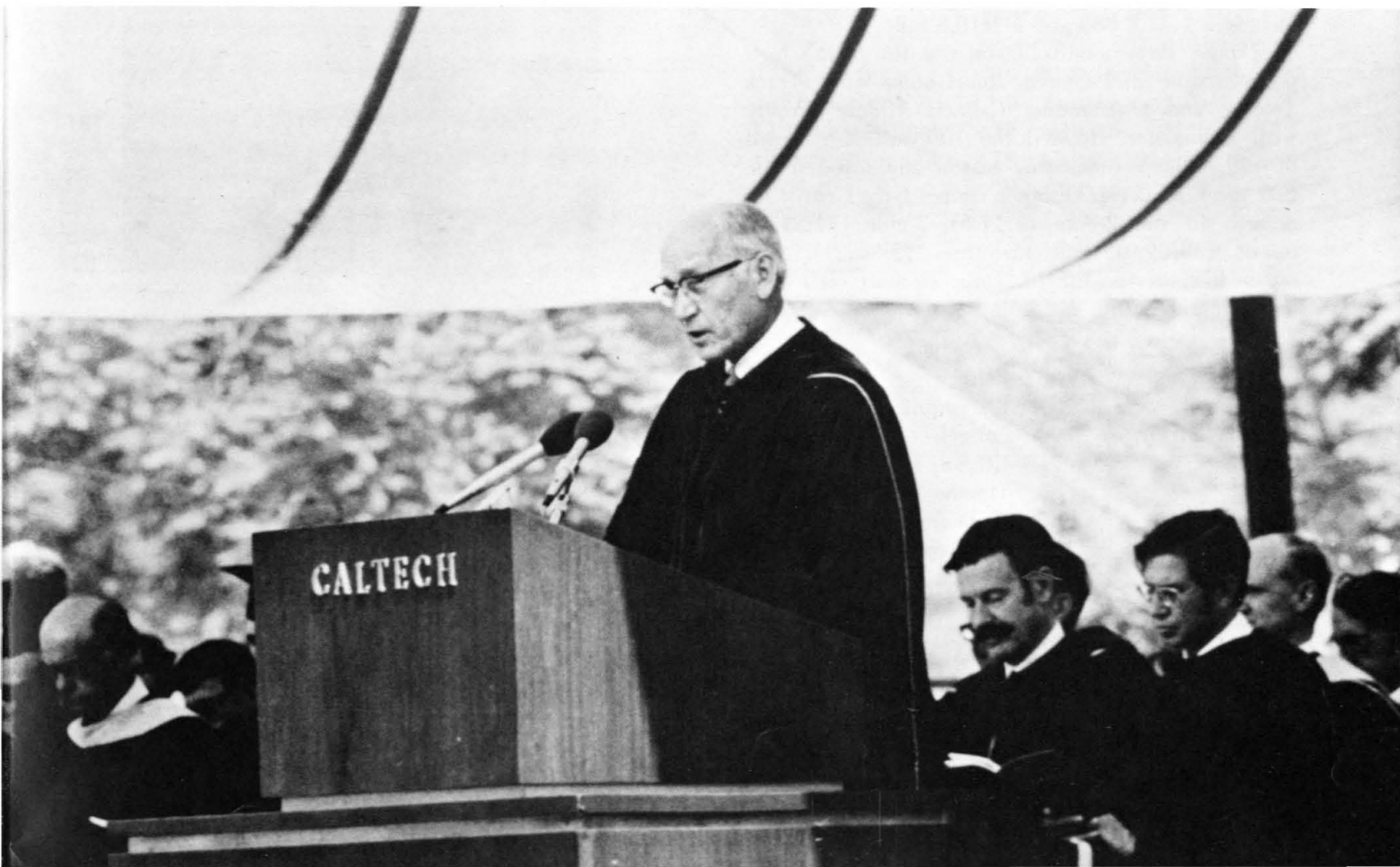
**...and Stanton Avery
Succeeded to Arnold
Beckman's Position**



Stanton Avery

as Chairman of the Board of Trustees.

Arnold Beckman





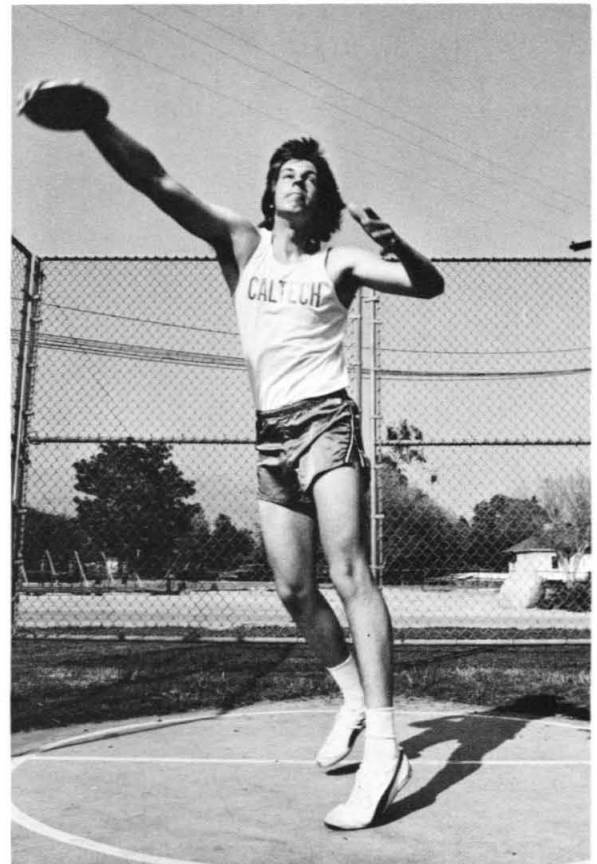
Front row: Don Hamasaki, Greg Griffin, Joe Arpaia, Rich Pietrasz. Second row: Tom Broker (asst. coach), John Land, Marcus Henderson, Greg Hoyt, Wilson Ho, Steve Kellog, Leroy Neal (coach). Back row: Larry Knuth (asst. coach), Ole Nielson, Dale Bredesen, John Middlebrooks, Doug Herbert, Haywood Robinson, Tom Creswell, Alan Kleinsasser.

Eight varsity track records were broken and another tied in 1974, marking the spikers' best season since 1967. Middle-distance star Alan Kleinsasser was named an All-American for his efforts in the 880, which included a fifth place in the NCAA College Division Nationals. His Caltech records include a 1:51.2 880 and a 4:10.8 mile.

Sprinter Haywood Robinson was the team's high point scorer and shared the Goldsworthy Track Trophy and Outstanding Caltech Athlete Trophy with Kleinsasser. He tied the 100-yard-dash record of :09.7 three times this season and lowered the 220 mark to :21.4. Distance runner Greg Griffin set records in the 2-mile (9:17.6), 3-mile (14:21.0), 6-mile (30:09.0), and marathon (2:36:21). And meanwhile, in the infield, Doug Herbert set a new discus mark of 150-1.

Occidental	103	Caltech	31
Caltech	87	Claremont-Mudd	56
Pomona-Pitzer	98	Caltech	47
Caltech	71	UC San Diego	57
Caltech	80	Tijuana Tech	25
Caltech	85	Redlands	57
Caltech	111	La Verne	27
Whittier	78	Caltech	67
Ambassador	73	Caltech	72
SCIAC Championships		<i>Third Place</i>	
NAIA District III Championships		<i>Seventh Place</i>	
NCAA College Division Nationals		<i>38th Place</i>	

Track





Front row: Ed Presiler (coach), Ed Rea, Larry Bridges, John Dilles, Chuck Kistler, Richard Baker, Cindy Lee Duckert (manager). Back row: Don Franks, Doug Schladweiler, Jack Stemple, Kevin Jones, Bob Pleva.

Baseball

The three co-winners of the Alumni Trophy were far and away the most outstanding players of the 1974 Beaver Nine. All hit over .300, with captain Bob Pleva leading in total season average with a commendable .365 average; Ed Rea's .346 average led all Tech batters in the SCIAC. John Dilles was one of the top fielding shortstops in the conference. All three received honorable mention for All-Conference honors.

One of the outstanding achievements was turned in by Ed Rea when he held La Verne College's number-one-ranked team in the NAIA to three hits and three runs, all of which were unearned.

The team was handicapped by having only one legitimate pitcher in Ed Rea and no experienced catchers. The only victory salvaged by the Beavers was a 12-9 win over Pacific Christian.

Individual trophies were won by Ed Rea (Most Valuable Frosh), Bob Pleva (Highest Batting Average), and Larry Bridges (Most Improved Player).

The team will be hurt by the graduation of Bob Pleva, but nine returning lettermen will hope to pull the Beavers out of the SCIAC cellar in 1975.

-Coach Preisler

LIFE (forfeit)	9	Caltech	0
LIFE (forfeit)	9	Caltech	0
Claremont-Mudd	18	Caltech	2
Claremont-Mudd	18	Caltech	1
CHM (forfeit)	9	Caltech	0
Whittier	7	Caltech	3
Pacific Christian	15	Caltech	9
Whittier	24	Caltech	3
Whittier	10	Caltech	1
Occidental	10	Caltech	0
Occidental	12	Caltech	3
Occidental	9	Caltech	1
Redlands	18	Caltech	0
Redlands	13	Caltech	3
Redlands	17	Caltech	0
Pacific Christian	4	Caltech	2
Caltech	12	Pacific Christian	9
Pacific Christian	8	Caltech	2
La Verne	24	Caltech	0
La Verne	3	Caltech	0
La Verne	9	Caltech	0
Pomona-Pitzer	20	Caltech	1
Pomona-Pitzer	22	Caltech	4
Pomona-Pitzer	15	Caltech	3

Front row: Roland Lee, Bill Zajc, Kevin Bench, Greg Zima, Cliff Leong, Mo Nakatsui. Back row: Nathan Lewis, Tim Ahern, Ram Rao, Dave Dummit, Al Vazquez-Cuervo, John Lamb (coach).



Tennis

Navy	6½	Caltech	2½
Caltech	6½	Loyola	2½
Occidental	9	Caltech	0
Redlands	9	Caltech	0
Claremont—Mudd	9	Caltech	0
La Verne	7	Caltech	2
Redlands	9	Caltech	0
Claremont—Mudd	7	Caltech	2
Point Loma	7	Caltech	2
Occidental	9	Caltech	0
Point Loma	6	Caltech	3
Pomona—Pitzer	9	Caltech	0
Pomona—Pitzer	9	Caltech	0
La Verne	9	Caltech	0
Whittier	8	Caltech	0
Whittier	7	Caltech	2

Although the Caltech tennis team did not win a league match, the team members did accomplish their first objective, to improve the quality of their game. There is no doubt that, given a team at full strength, they would have won several matches, but injuries and unforeseen circumstances hurt their overall record.

Dave Dummit had the strongest competitive record overall with Mo Nakatsui a close second. Tim Ahern and Dummit competed in the Southern California Intercollegiate and the Ojai Tournament, but were eliminated in the first round in both singles and doubles. Nakatsui won the Scott Tennis Tournament for the second consecutive year.

—Coach Lamb

Golf



Due to the inability of the golf team to attract the required six team members, the 1974 season was not a success by any standard. The one highlight of the year was Steve Poon, senior and leading player for the past two years, being honored by the conference. Steve was awarded the Jesse Clark Memorial Golf Trophy given annually to the SCIAC golfer who best exemplifies the attributes of good sportsmanship, good humor, good fellowship, and good golfing ability.

Phil Nygren, team captain, and Chris Meissner, a freshman with outstanding potential, will be the nucleus of next year's team. With several good golfers added to these fine players, Caltech could prove to be a worthy contender for league honors.

—Coach Cassriel

Phil Nygren, Chris Meissner, Steve Poon, Michael Saari, Bill Knight (asst. coach), Hal Cassriel (head coach).

Back row: Leigh Moyls, Phil Wood, Doug Rothnie, Ted Gates, George Yates, Leslie Durland, Dan Margoliash, John Rogers, Dave Evans, Fred Culick, Dr. Jim Warden (coach). Front row: Russ Timkovitch, Ed Beckmann, Bill Harris, Cliff Brown, Bill Lennard, Bob Gardiner, Dan Dobkin. In front: Larry Ford.



FIRST PLACE

Division II, Southern California

Collegiate Hockey Association



Hockey

Club



Caltech	10	UCLA "B"	3
Caltech	3	CSU Northridge "B"	1
Caltech	11	Occidental	3
Caltech	7	CSU Northridge "B"	4
Caltech	7	UCLA "B"	1
Caltech	5	CSU Northridge "B"	0
UCLA "B"	7	Caltech	3
Caltech	9	Occidental	0
Caltech	5	Occidental	1
Burbank Seniors	8	Caltech	5
UCLA "B"	1	Caltech	0
Caltech	5	CSU Northridge "B"	2



Interhouse Basketball

	Record	Trophy
Page	6-0	56
Fleming	5-1	48
Dabney	4-2	40
Blacker	3-3	32
Ruddock	2-4	24
Ricketts	1-5	16
Lloyd	0-6	8

Interhouse Swimming

	Points	Trophy
Fleming	86	56
Page	59	48
Lloyd	42	40
Ruddock	22	32
Dabney	16	24
Blacker	5	16
Ricketts	0	8

Interhouse Football

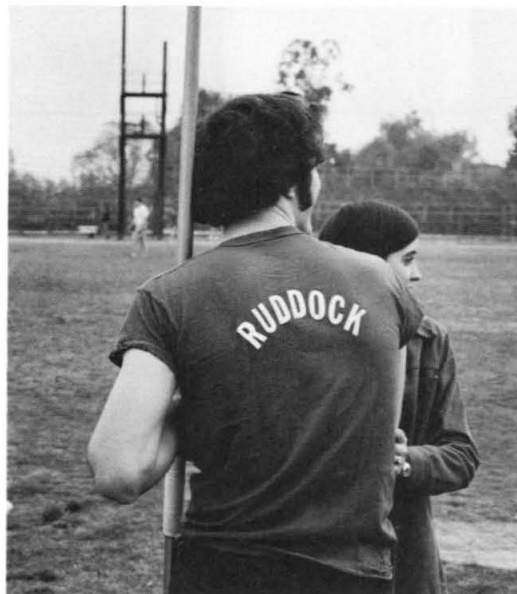
	Record	Trophy
Page	6-0	63
Fleming	5-1	54
Lloyd	4-2	45
Dabney	3-3	36
Ruddock	2-4	27
Blacker	1-5	18
Ricketts	0-6	9

Discobolus Results

Winner	Loser	Sport	Trophy Points						
			Fleming	Page	Lloyd	Blacker	Ruddock	Dabney Ricketts	
<i>First term</i>									
Fleming	Blacker	Softball	3	0	0	1	0	0	0
Fleming	Ruddock	Basketball	6	0	0	1	1	0	0
Fleming	Lloyd	Football	9	0	1	1	1	0	0
Fleming	Ricketts	Tennis	12	0	1	1	1	0	1
Page	Fleming	Tennis	13	3	1	1	1	0	1
Page	Dabney	Softball	13	6	1	1	1	1	1
<i>Second term</i>									
Page	Blacker	Softball	13	9	1	2	1	1	1
Page	Ruddock	Volleyball	13	12	1	2	2	1	1
Page	Lloyd	Tennis	13	15	2	2	2	1	1
Page	Ricketts	Track & Field	13	18	2	2	2	1	2
Fleming	Page	Wrestling	16	19	2	2	2	1	2
Fleming	Dabney	Basketball	19	19	2	2	2	2	2
Blacker	Fleming	Bowling	20	19	2	5	2	2	2
<i>Third term</i>									
Ruddock	Blacker	Softball	20	19	2	6	5	2	2
Lloyd	Ruddock	Football	20	19	5	6	6	2	2
Lloyd	Dabney	Softball	20	19	8	6	6	3	2
Lloyd	Ricketts	Basketball	20	19	11	6	6	3	3
Lloyd	Blacker	Softball	20	19	14	7	6	3	3
Lloyd	Dabney	Table Tennis	20	19	17	7	6	4	3
Fleming	Lloyd	Volleyball	23	19	18	7	6	4	3
Fleming	Lloyd	Handball	26	19	19	7	6	4	3

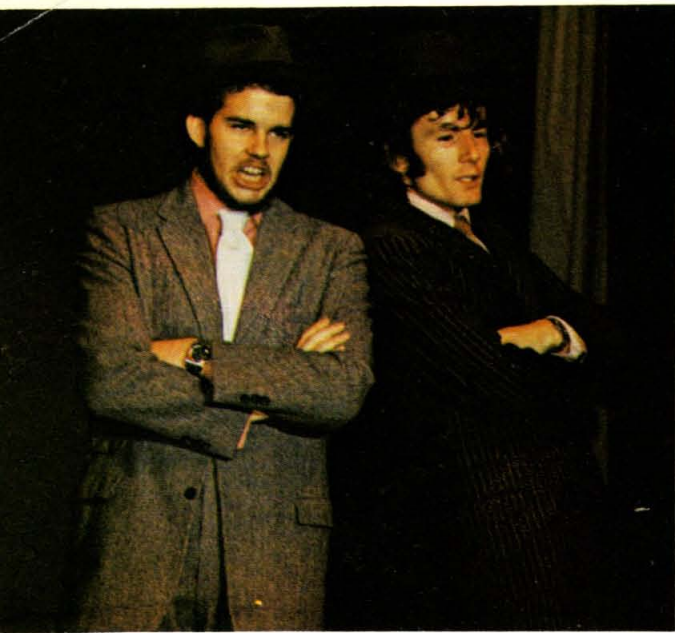
Interhouse Trophy Standings

Page	364½
Fleming	347
Ruddock	210
Dabney	200
Lloyd	196½
Blacker	177½
Ricketts	100½



Final Discobolus Standings

Fleming	26
Page	19
Lloyd	19
Blacker	7
Ruddock	6
Dabney	4
Ricketts	3



Kiss

Me

Kate

Produced by Greg Simay
 Directed by Shirley Marneus
 Orchestral Music Director John Gustafson
 Choral Music Director Steve Goodenberger
 Technical Director Steve Gillett



<i>Fred Graham/Petruchio</i>	.....	Jim Hugg
<i>Harry Trevor/Baptista</i>	.....	Greg Griffin
<i>Lois Lane/Bianca</i>	.....	Chris Kuranishi
<i>Delores</i>	.....	Delores Walker
<i>Lilli Vanessi/Katherine</i>	.....	Olivia Hugg
<i>Hattie</i>	.....	Flora Constanten
<i>Doorman/Haberdasher</i>	.....	Harry Finklea
<i>Paul</i>	.....	Bob Brown
<i>Bill Calhoun/Lucentio</i>	.....	Jeff Eriksen
<i>Cabdriver</i>	.....	Karl Kuhlmann
<i>First Gangster</i>	.....	Charles Seagrave
<i>Second Gangster</i>	.....	Nick Webb
<i>Gremio</i>	.....	Chris Harcourt
<i>Hortensio</i>	.....	Ken Underwood
<i>Harrison Howell</i>	.....	Rich Gruner
<i>The Servants!</i>	.....	Greg Simay

"... one of the best musicals
ever produced at Caltech."

—Dave Peisner, *The California Tech*

"... a success, playing to SRO
houses both performances."

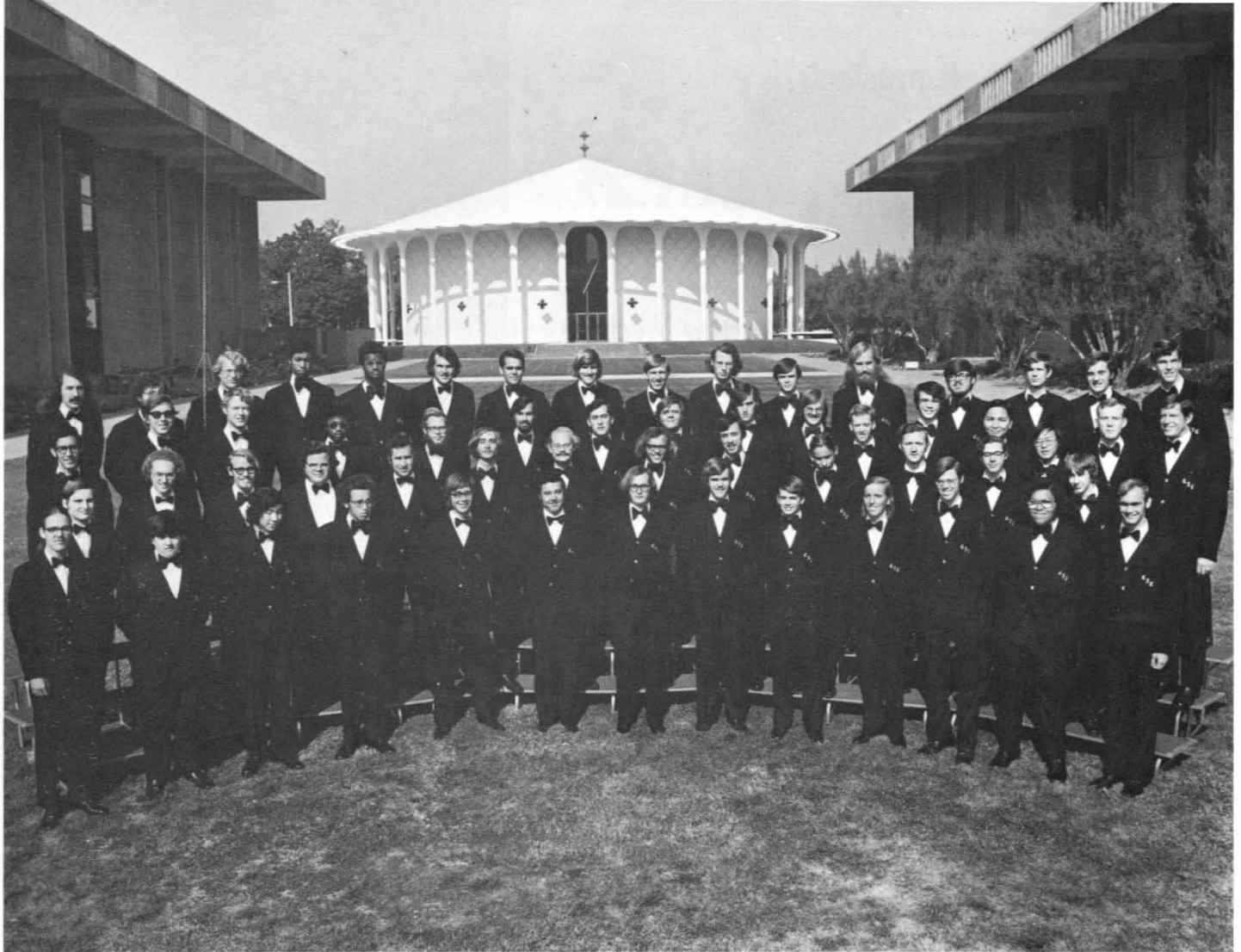
—Marc Donner, *The California Tech*



Chorus: Nancy Anderson, Marie Beall, Bob Brown, Flora Constanten, Harry Finklea, Greg Griffin, Rich Gruner, Claire Hammond, Chris Harcourt, Jean Jeffers, Karl Kuhlmann, Ann Orel, Greg Simay, Ken Underwood.

Dancers: Bob Brown, Greg Dunn, Maggie Evans, Pauline Ho, Judy Lovell, Anita Crafts Lighty, Roger Lighty, Rob Peterson.

Orchestra: Ron Ayres, Kelly Beatty, Gerald Brady, Chris Broka, Thomas Brown, Ann Clemmens, John Denker, Steve Goodenberger, Jeffrey Greif, Karen Greif, Bruce Harrow, Jeffrey Harrow, Steven Jaffe, Keith Jenkins, Kathleen Kong, James Latimer, Carl Lydick, Allen Nikora, Daniel Packman, Joyce Parker, Steve Petersen, Elizabeth Plyler, William Sebok, Kenneth Severin, Richard Stephens, Randy Tagg.



The Caltech Glee Club



The Glee Club gets better every year and this was no exception. You may notice, for example, that the word, "Men's" is no longer in the title. In addition to the Men's Glee Club, the Women's Glee Club has become one of the better performing groups on campus.

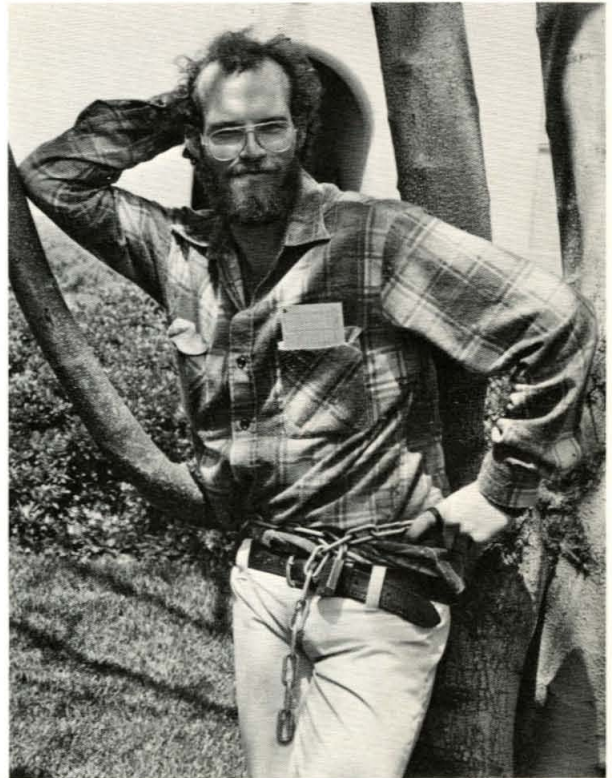
The Men's Glee Club opened their concert season with the dedication of the new Pasadena Convention Center. After a highly successful "Festival of Light" in December in which both groups (and others) participated, the men sang for the 130 megabuck endowment campaign dinner in January.

Between January and March, both groups performed many times at various locations around Los Angeles. In March, the men took their annual tour and went to San Francisco. Finally, they sang together for the last time in the year at "A Spring Jubilee" in Beckman Auditorium in May.



Senior Ditch Day





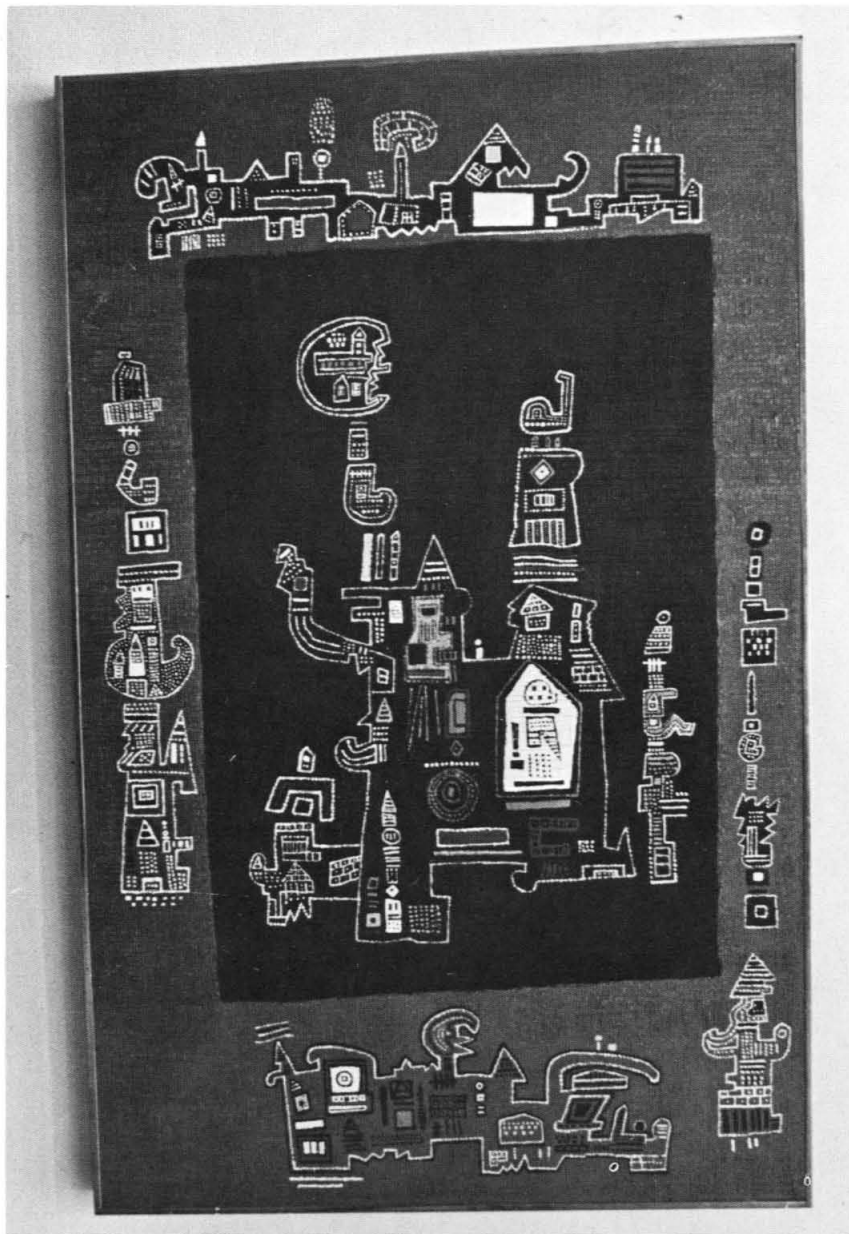
Drop Day falls on the Friday a week before finals. This year Senior Ditch Day also fell on the Friday a week before finals. Some seniors were not amused, in spite of having been granted a four-day Memorial Day weekend.



Women's

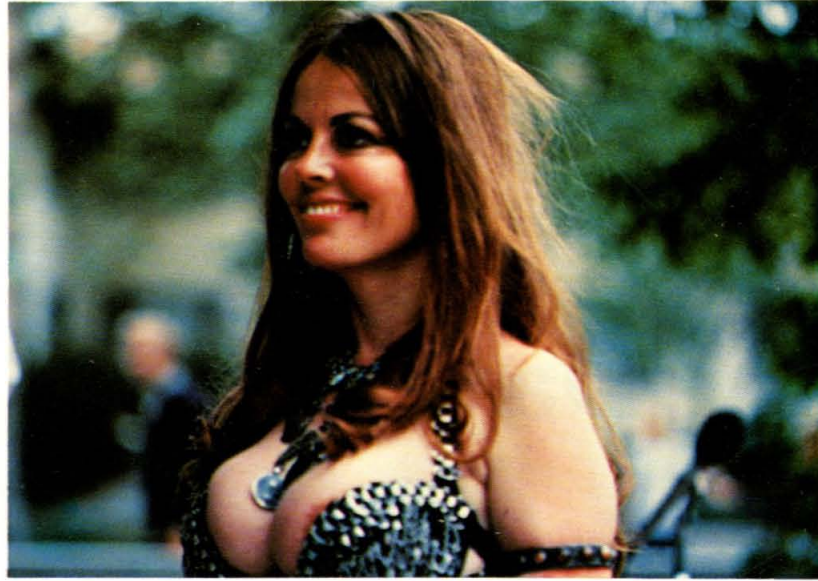


Day



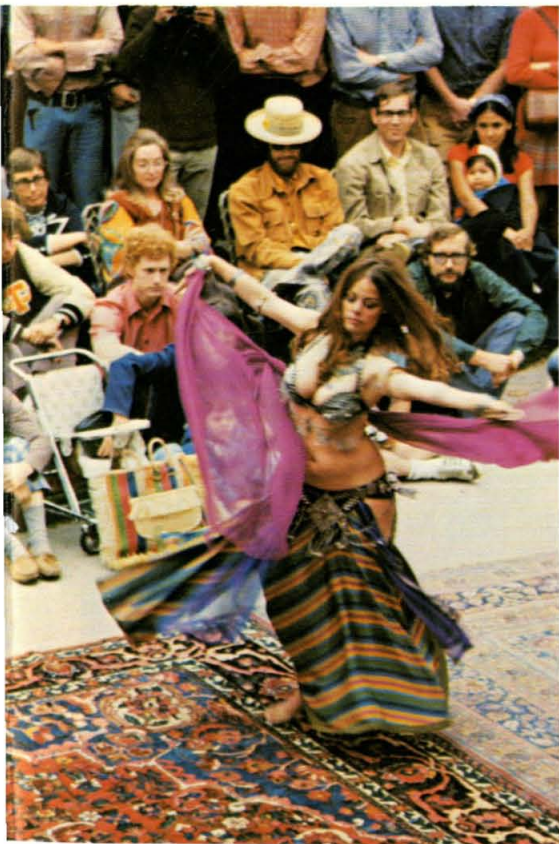


Thank God For The Master's Slush Fund!



Thank God! It's Finals!

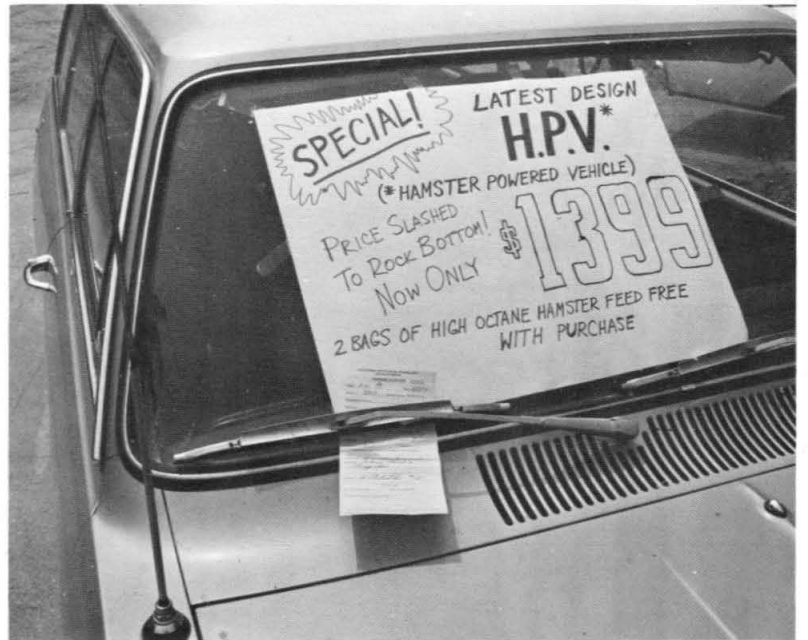






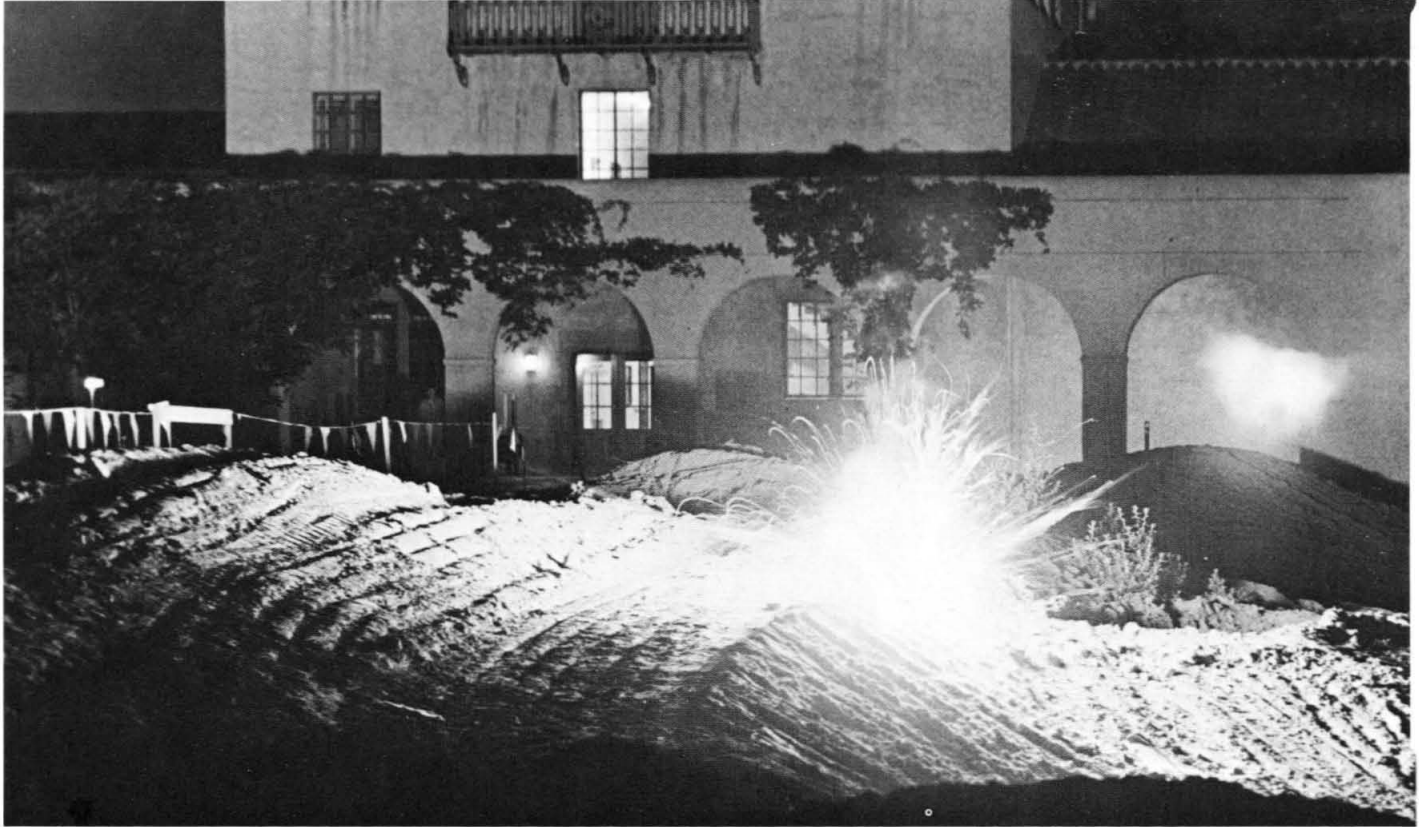
Used car lots became popular during third term

The Clean Air Car Project offered to sell its cars, too



Some used car lots have more class than others





The OCRC tested its materiel on the Throop site



Air Force ROTC left Tech for cleaner skies



Big Red went up the flagpole

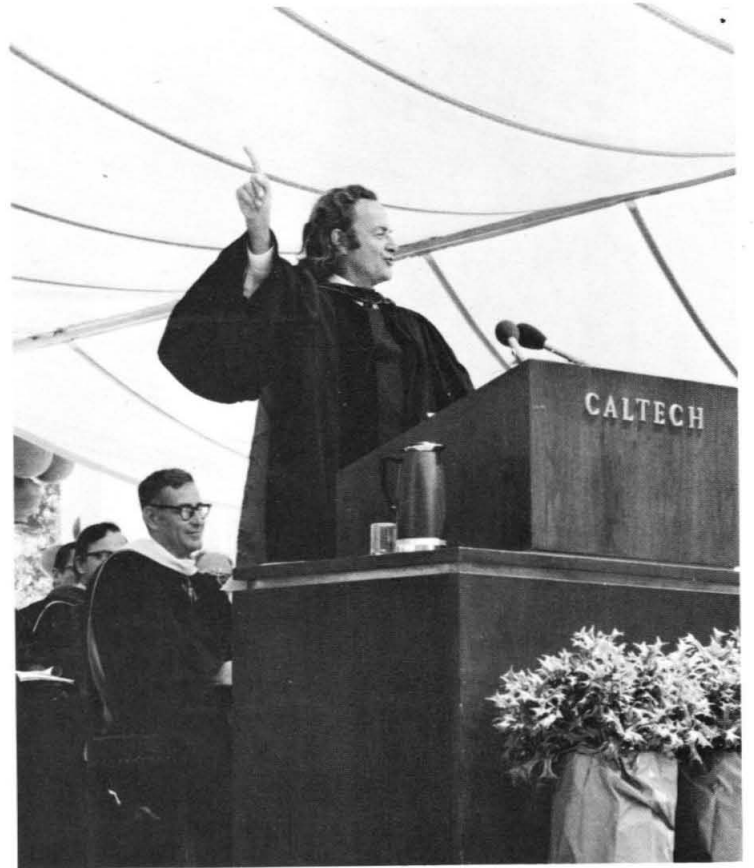
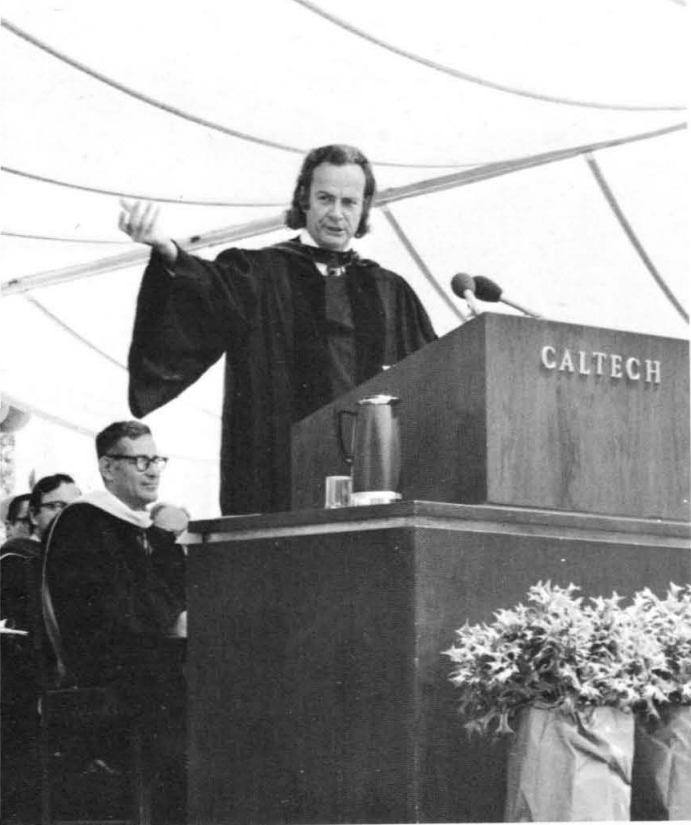


Commencement

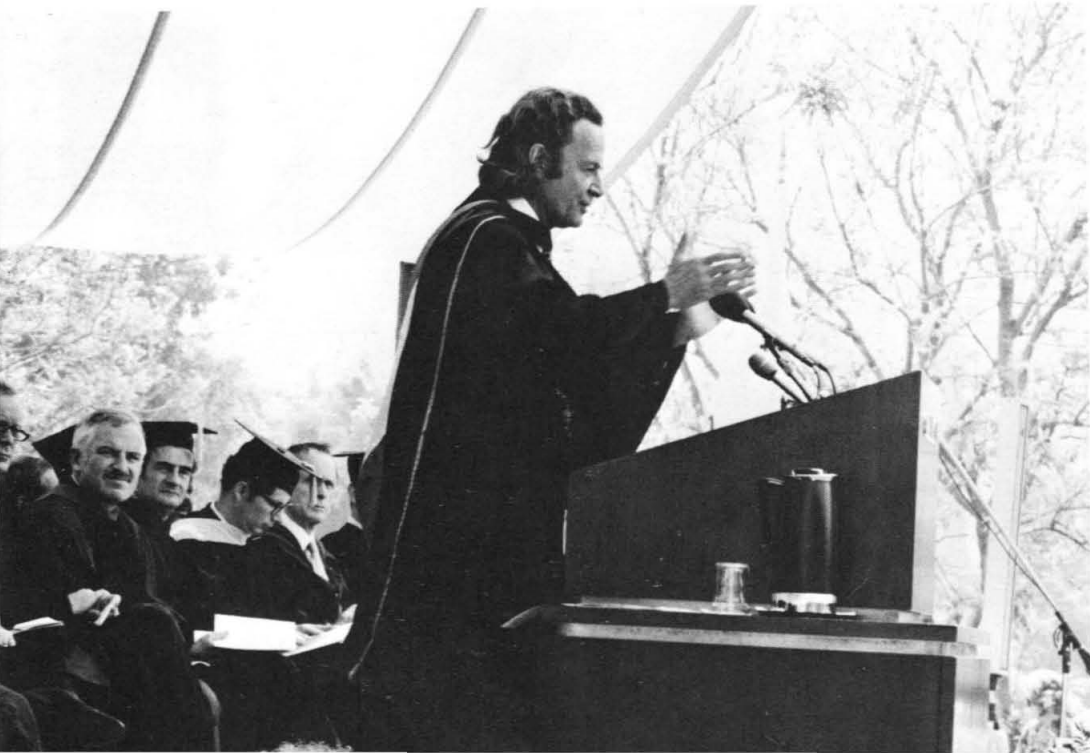


June 14, 1974



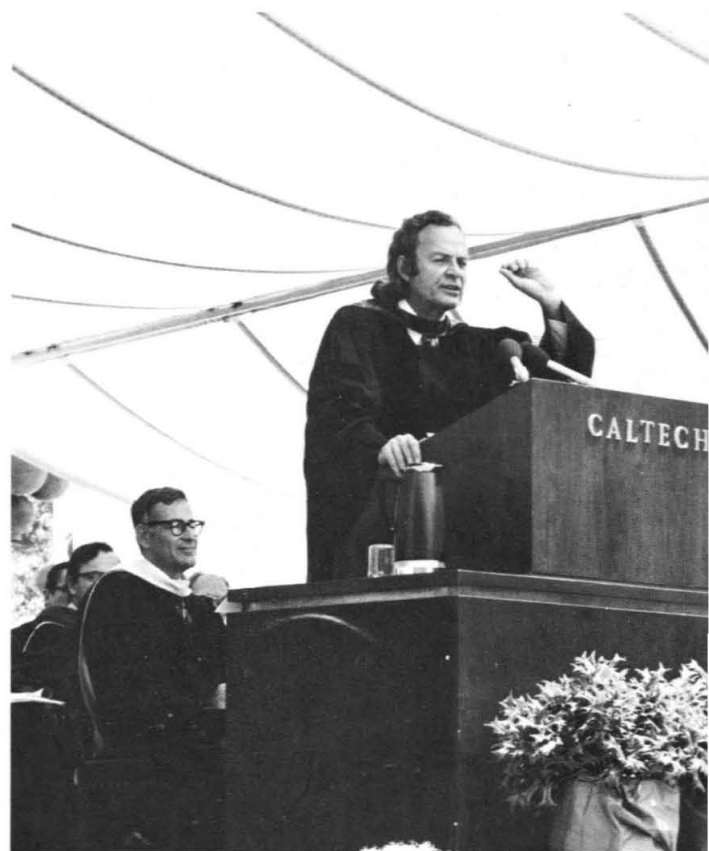
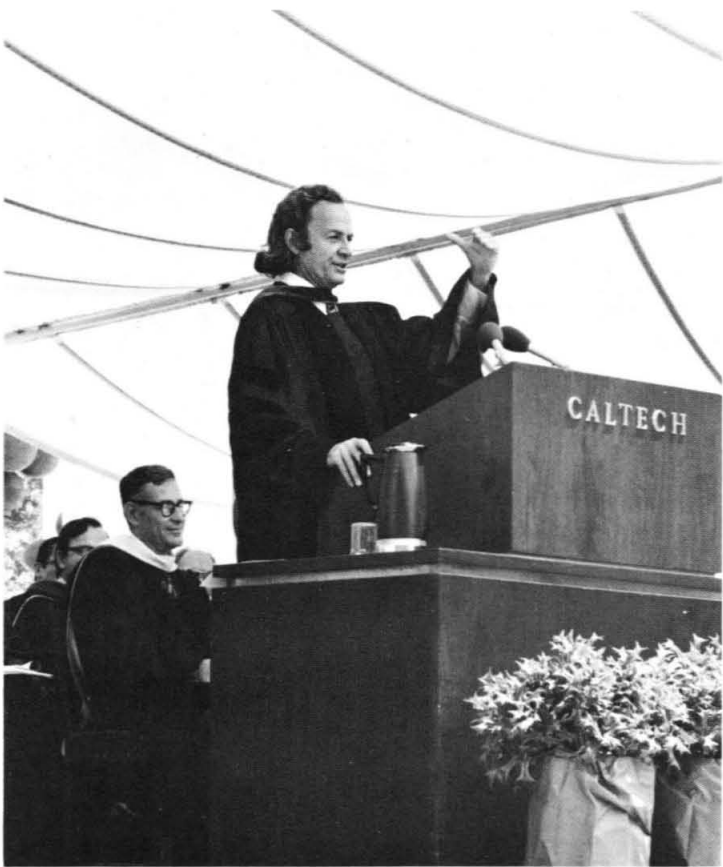


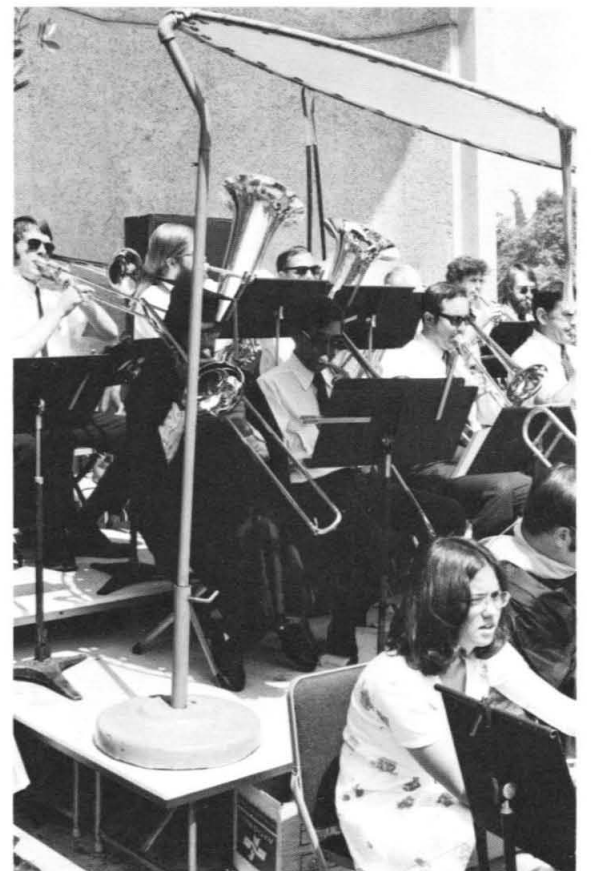
Richard Feynman

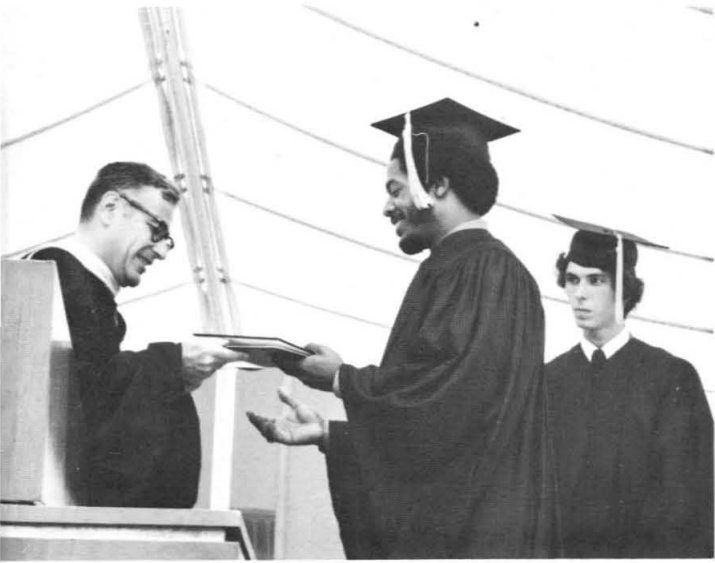




“Cargo Cult Science”





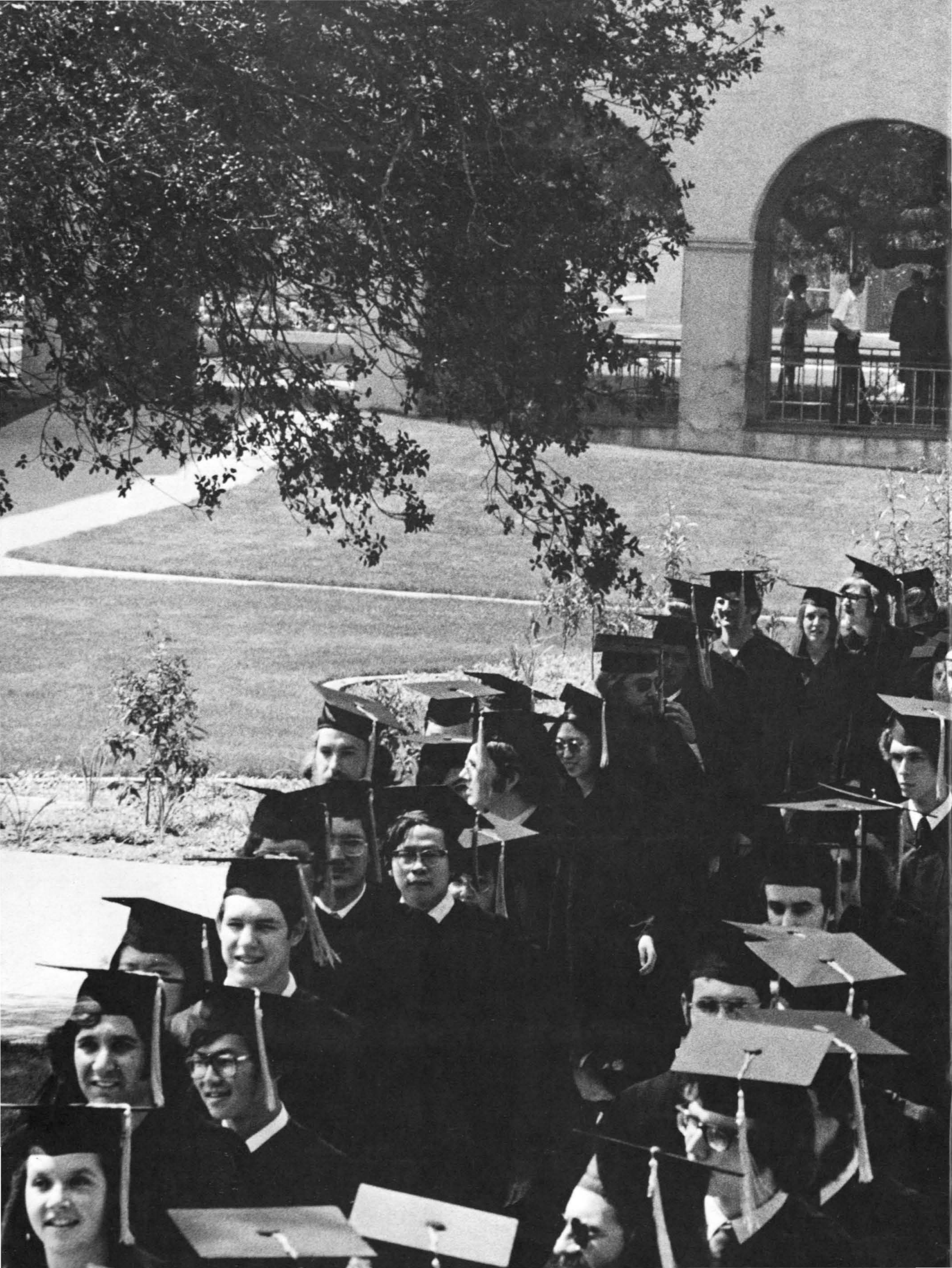


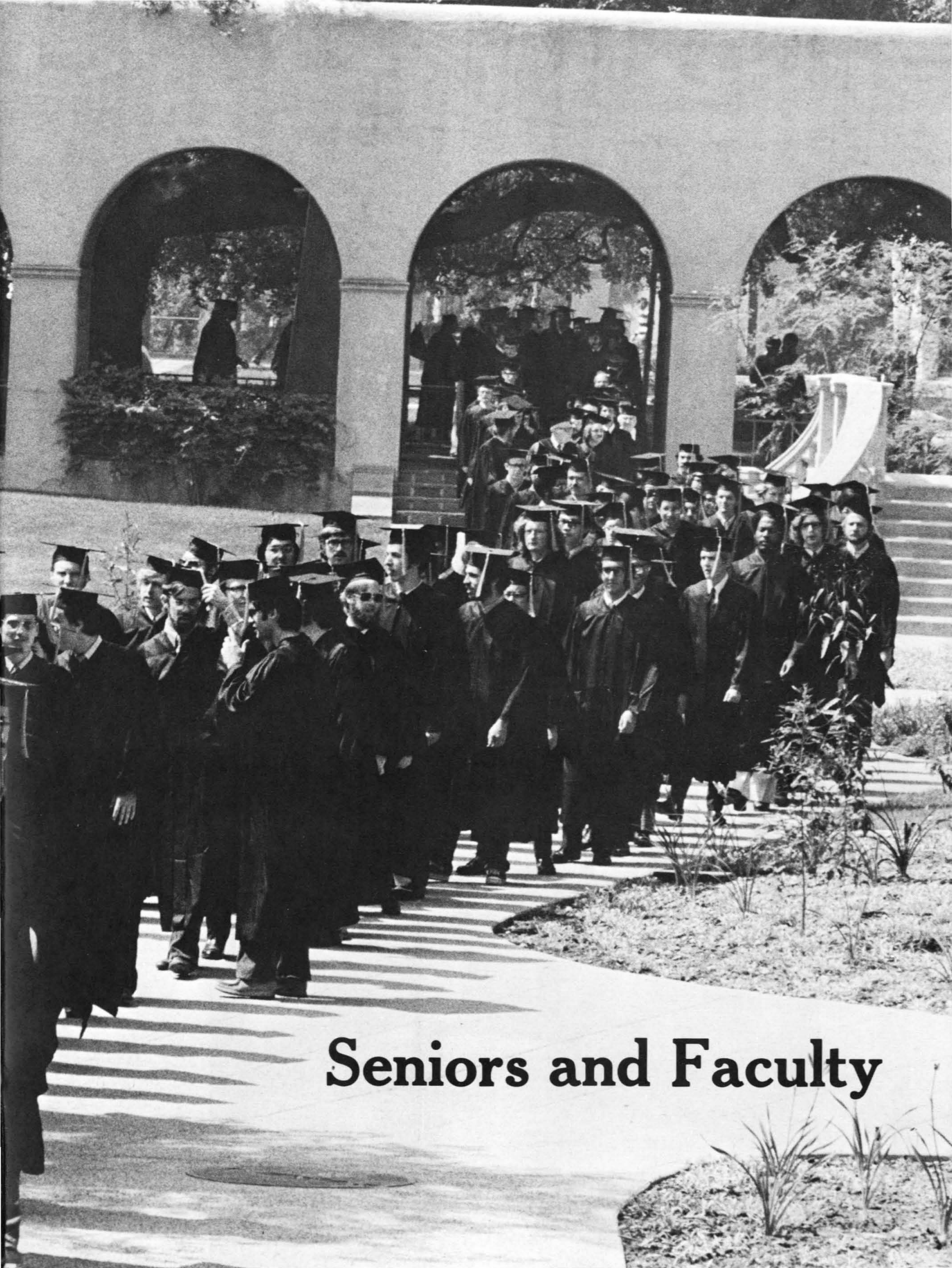


“And Throop Hall can now
only be seen in pictures.”

—*The Big T*, 1972







Seniors and Faculty

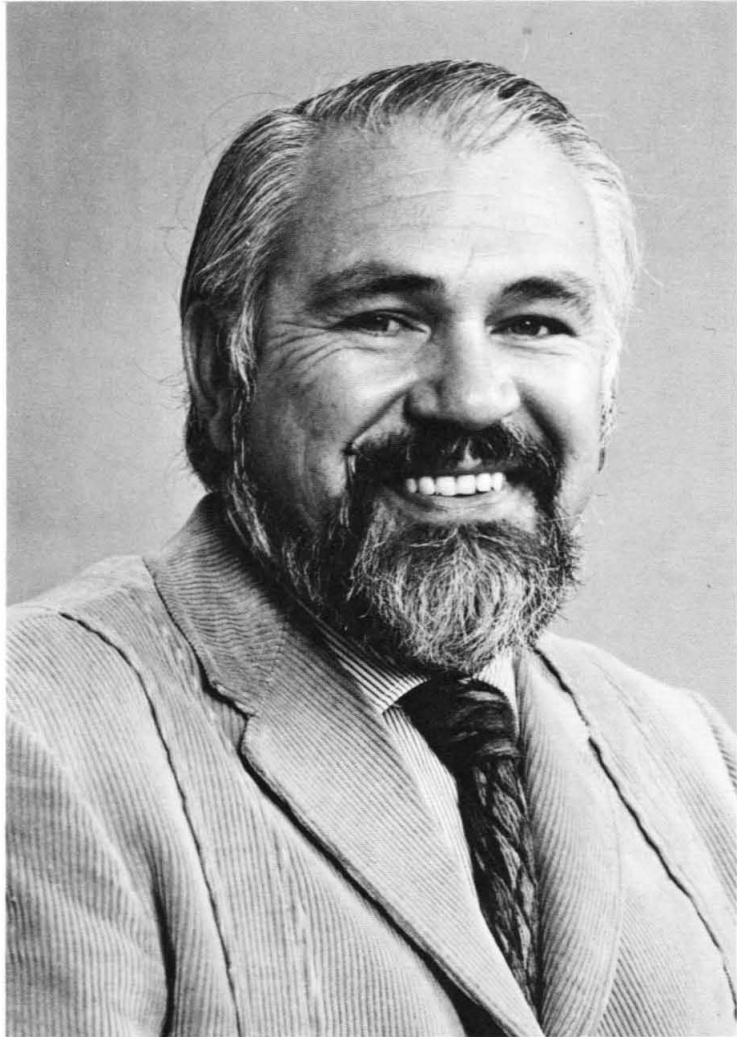


Harold Brown, President
"I hope your stay here hasn't damaged you too much."

Administration

Neil Pings
Vice Provost and Dean of Graduate Studies



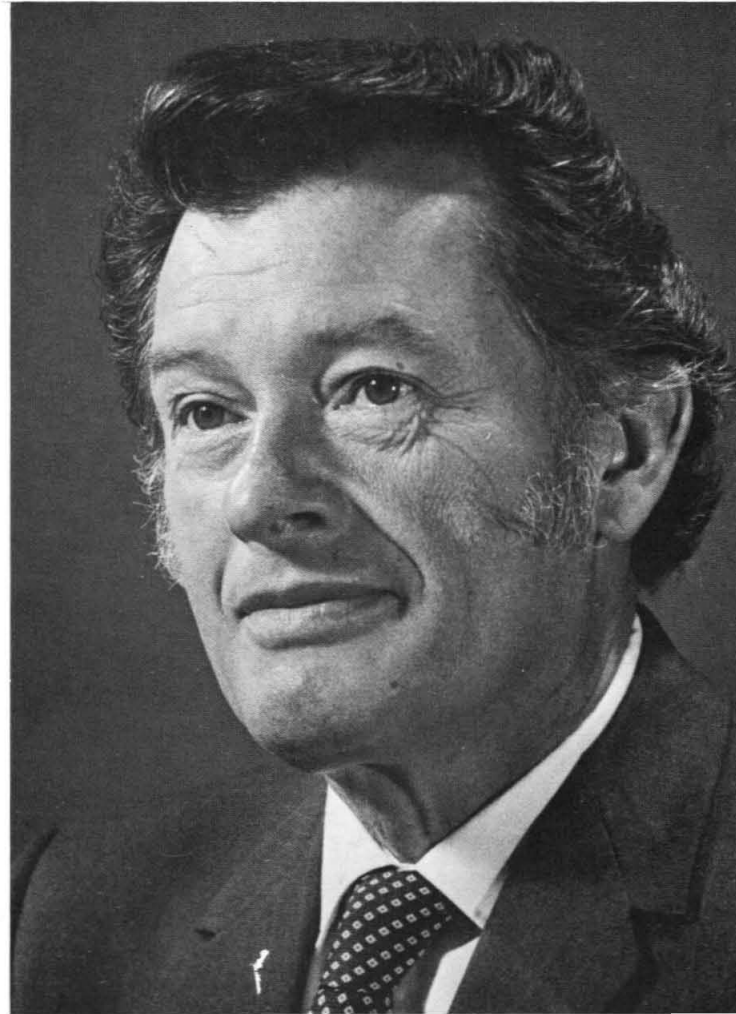


Dave Smith, Master of Student Houses
"Unless you're a friend, you'd better call me Dirty David."



Bob Christy
Vice President and Provost

Lyman Bonner
Director of Student Relations



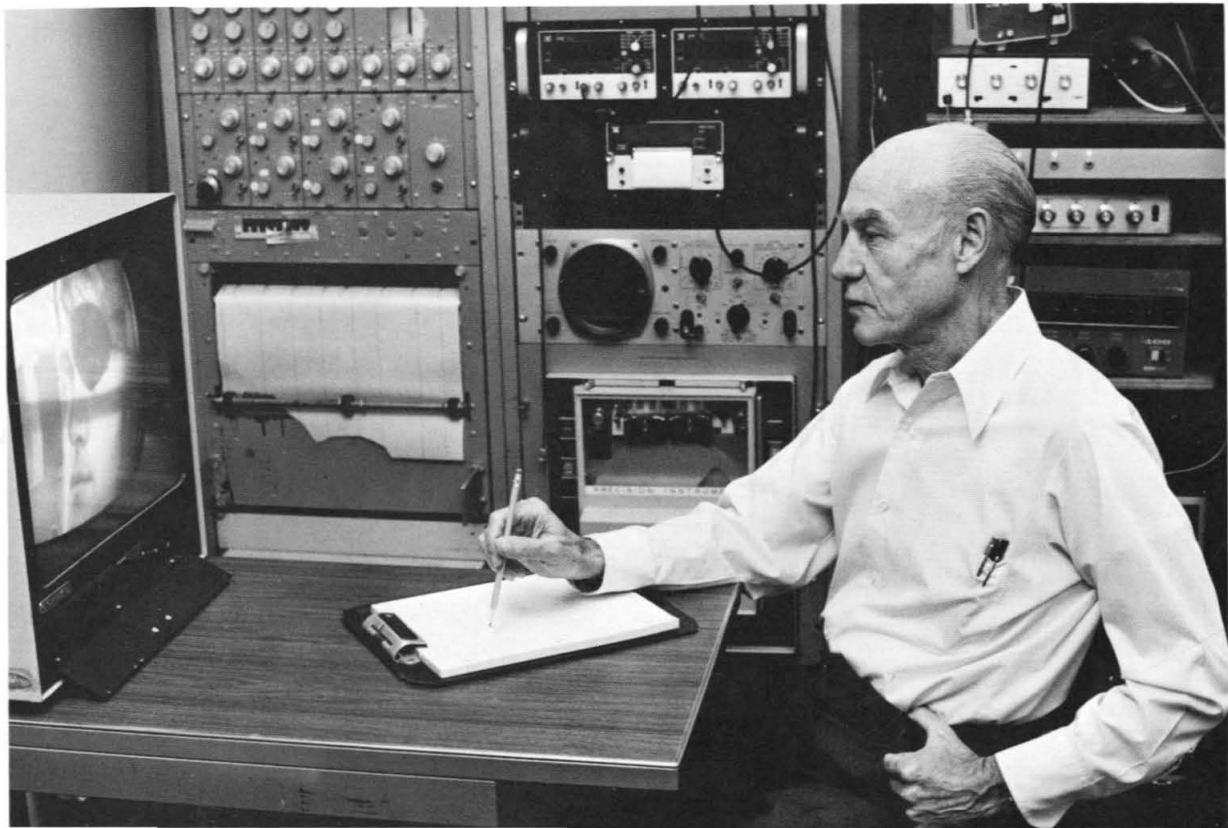


Seymour Benzer

"A chicken is just an egg's most efficient way of producing another egg."

Biology

Roger Sperry
Psychobiology



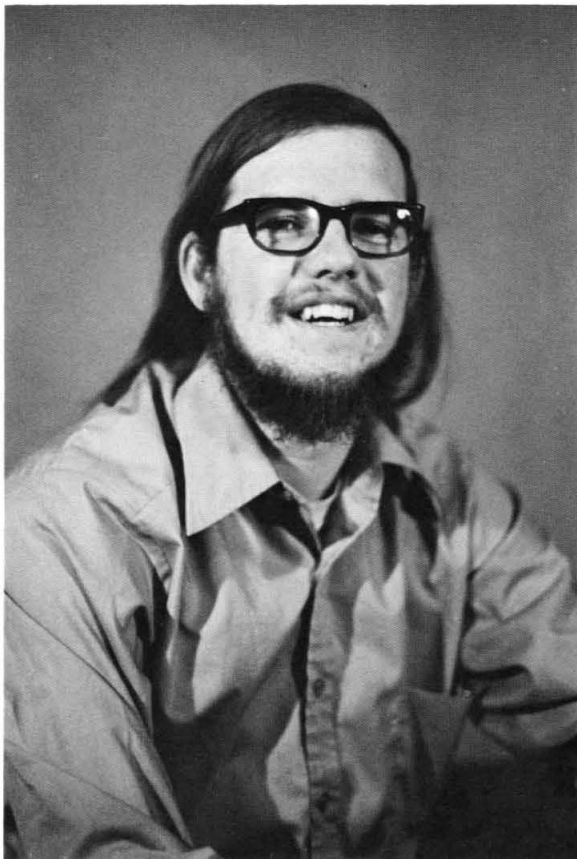


*Don Carrigan
Garland, Texas*

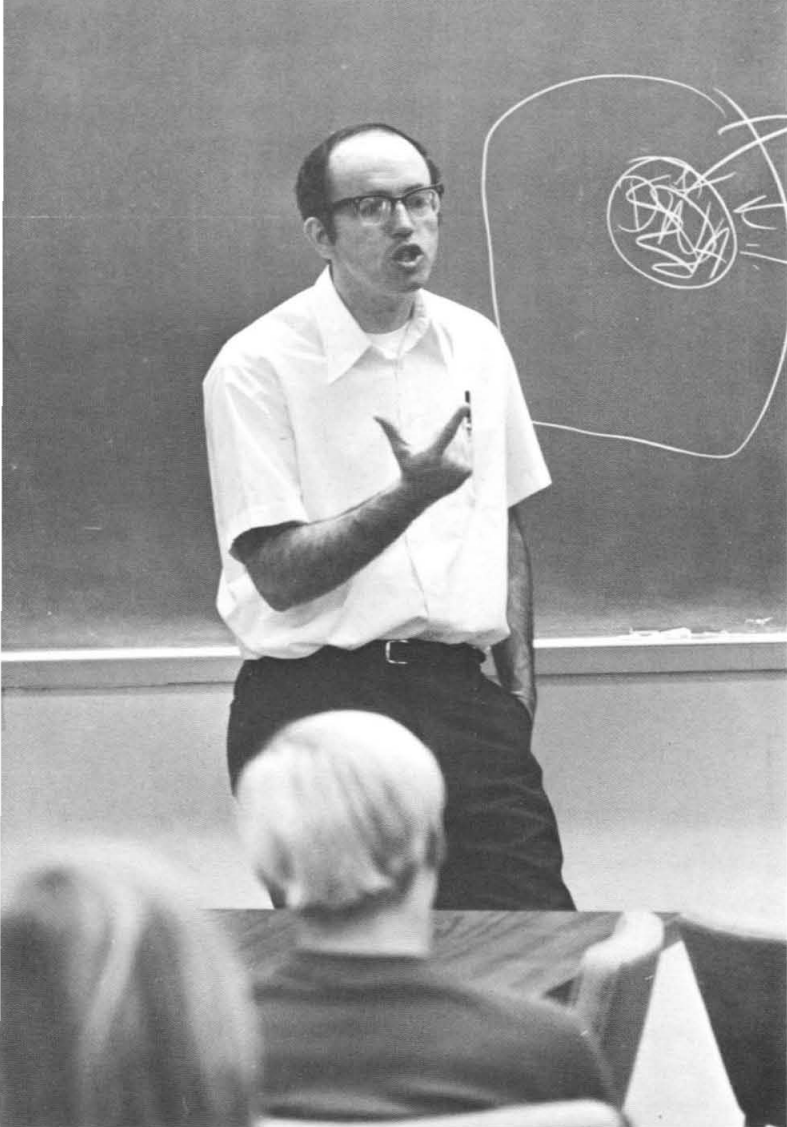


*Debbie Dison
San Jose, California*

*Andy Dowsett
Pacifica, California*



*Karen Sue Eaton
Salina, Kansas*



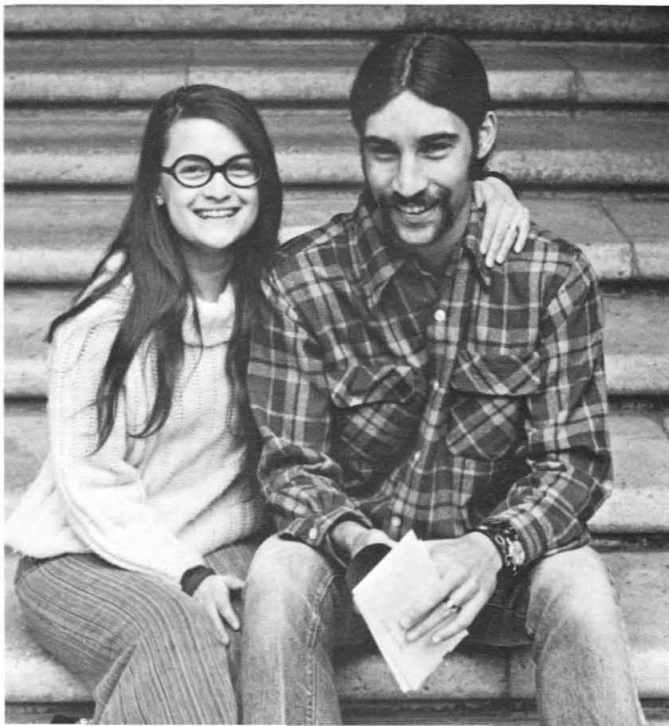
Dan McMahon
"Now I'm very sure few of you have had breakfast today..."



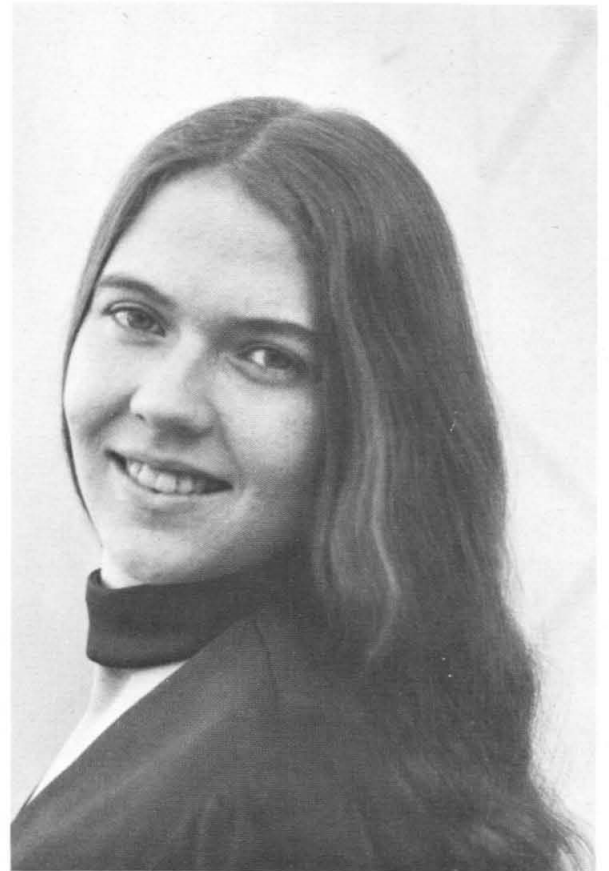
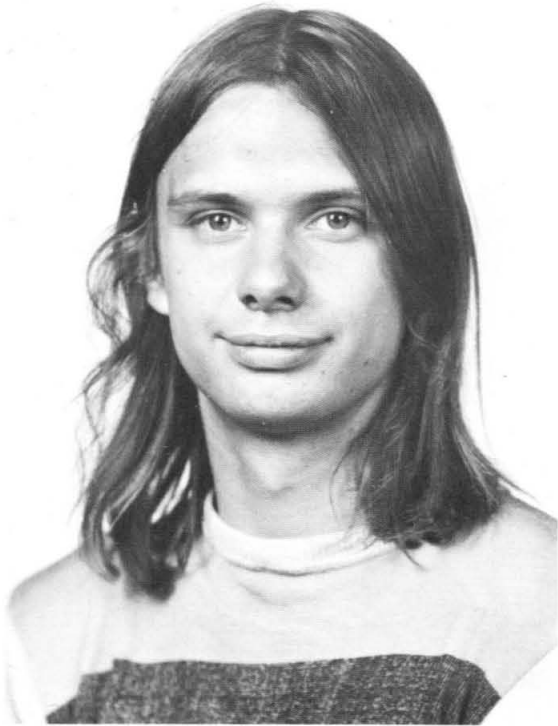
Henri Farhi
Nisantasi, Istanbul, Turkey

Chris Harrington
Los Angeles, California

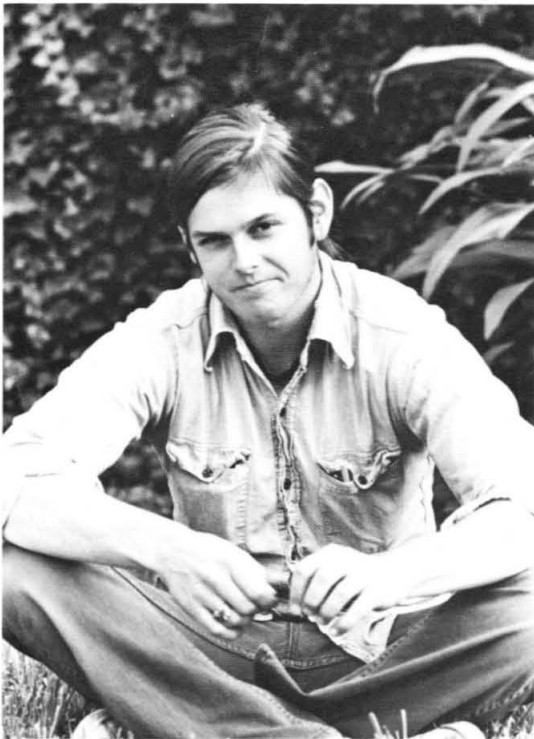
Gary (with Andrea) Frankel



*John Lehmann
Newtown Square, Pennsylvania*



*Anita Crafts Lighty
Fullerton, California*



*Jim Loddengard
Huntington, New York*

*Lee Hood
"Valerie, you are so hauntingly beautiful.
What gives you your haunting beauty?
Could it be acetylcholinesterase?"*





*Michael Mariani
San Jose, California*

*Stan Nakamoto
Los Angeles, California*



*Anthonie van Harreveld
Physiology*

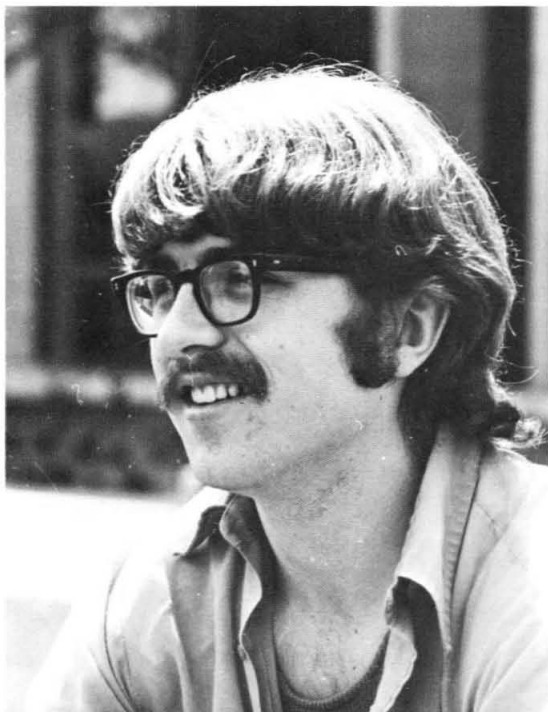


*Carol Nottenburg
Evanston, Illinois*

*Ed Pontius
Scottsdale, Arizona*



*Bill Wood
"Now today we talk about starvation, or how to survive
without board contract."*



*James Posakony
Ventura, California*



Max Delbrück



*Haywood James Robinson
Los Angeles, California*

*Robert Sinsheimer
Chairman of the Division of Biology*



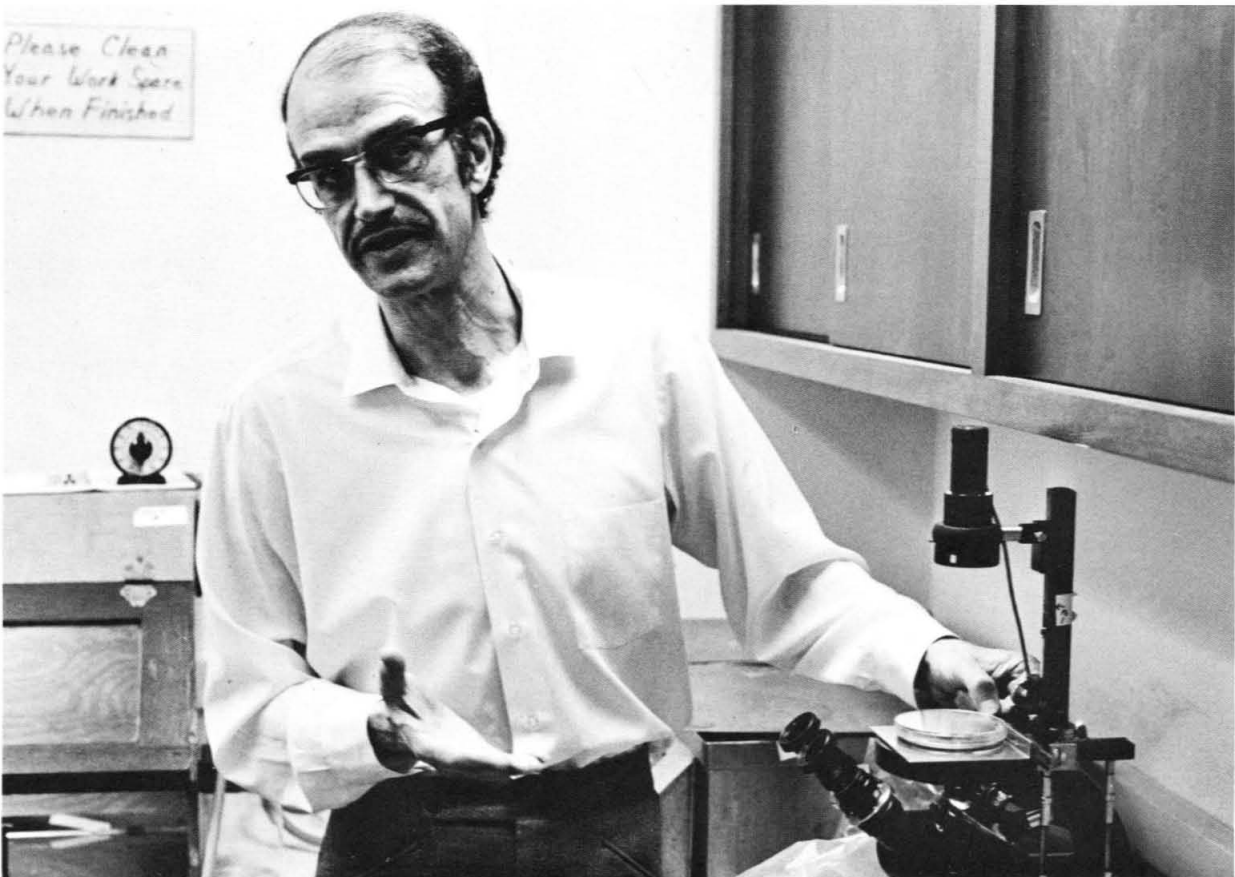


Vanessa Skedzeleski



Jackie Siegel
Detroit, Michigan

Giuseppe Attardi
"E. coli respond nicely."





*Tom St. John
Honolulu, Hawaii*

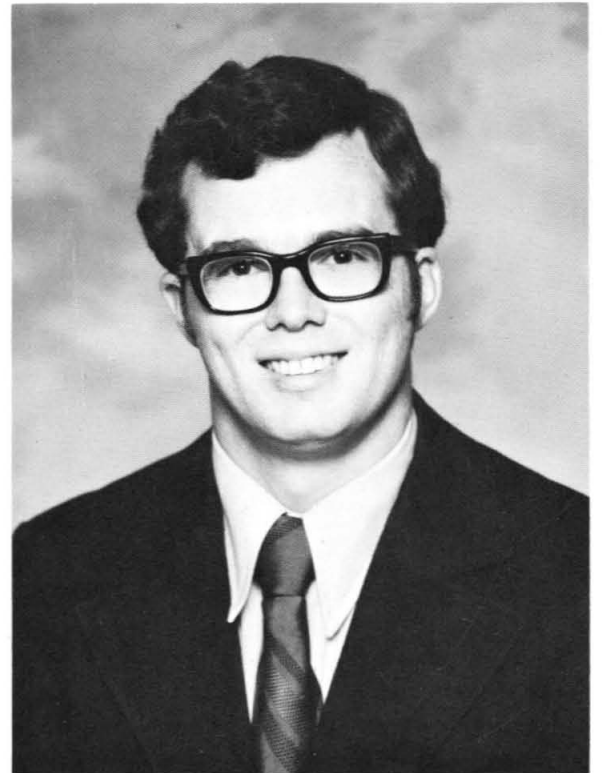


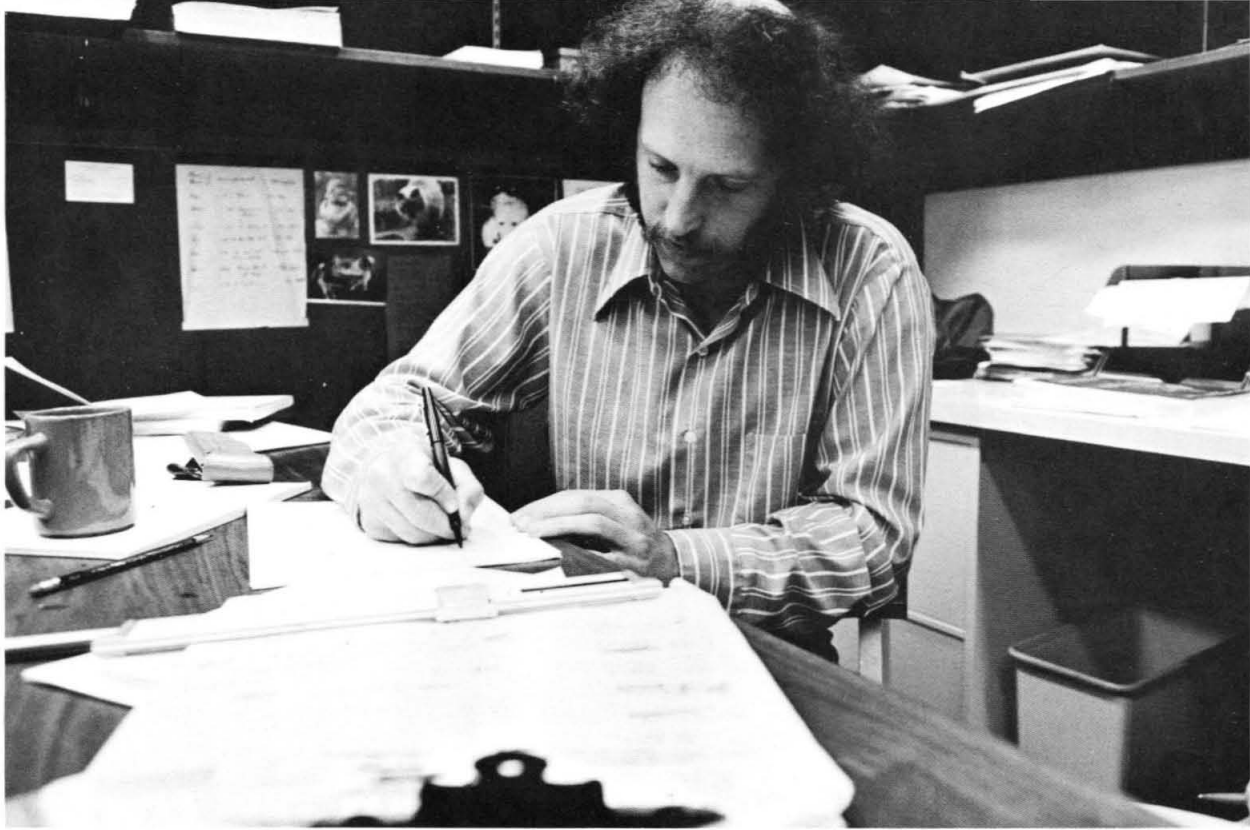
*Dick Russell
"Now if you blow here, these little hairs vibrate."*

Jean-Paul Revel

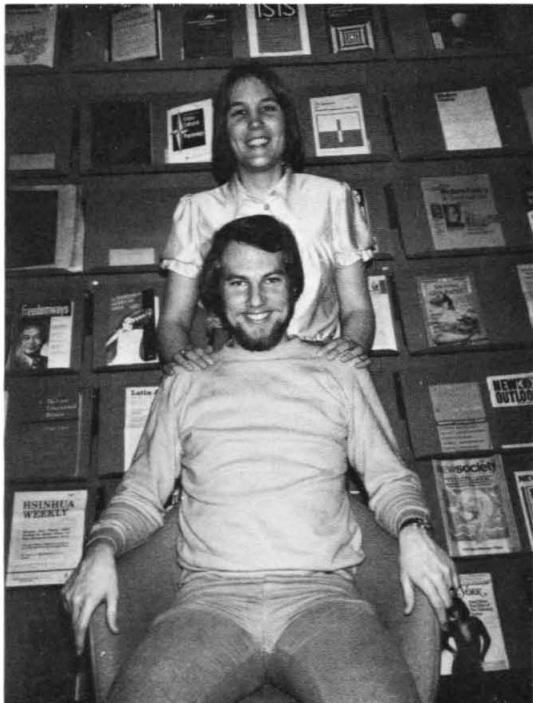


*Douglas Trotter
Seattle, Washington*





Eric Davidson



*James C. Vibber
Monterey Park, California*



*Janet Christine Wainwright
Anaheim, California*

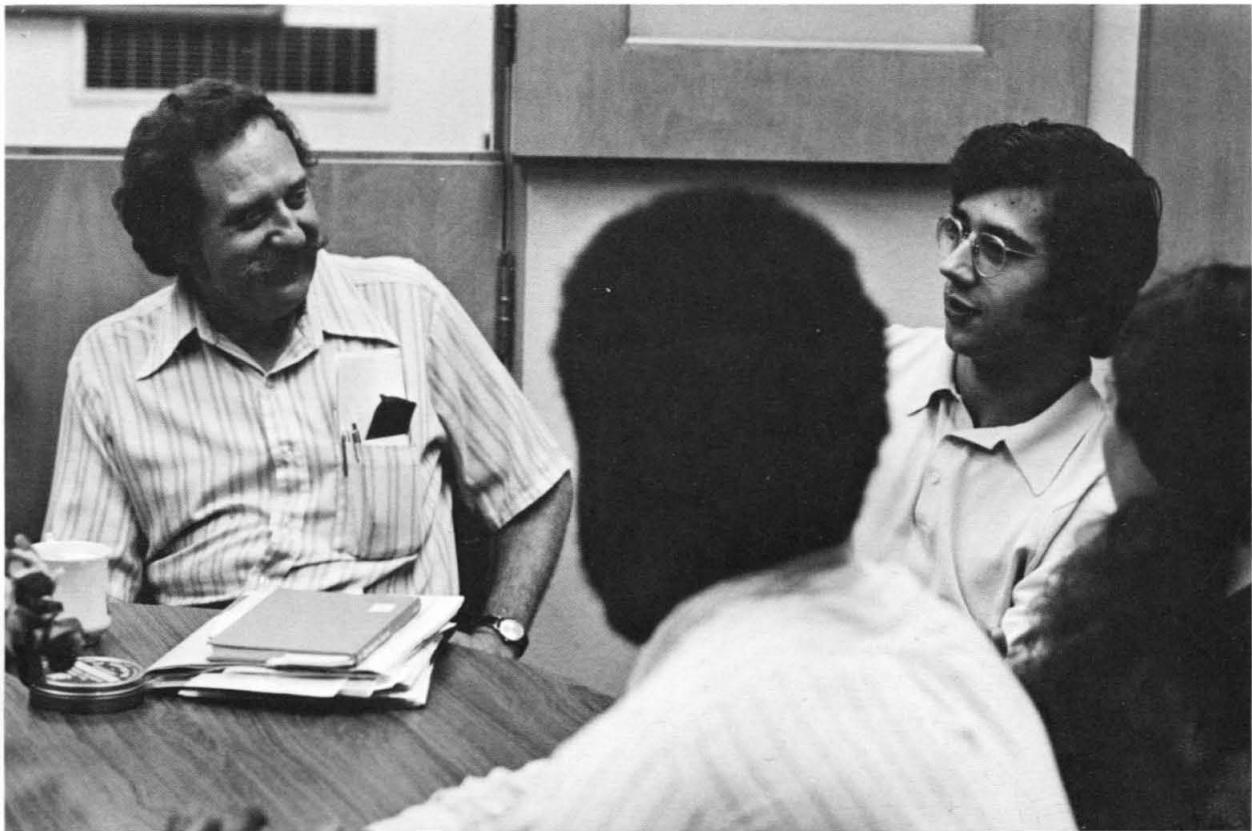


*Karen Verna Roberts
Claremont, California*

*Don Miller
Key Biscayne, Florida*

*Joseph A. Carlsen
Massapequa Park, New York*

Ray Owen





*Paul Joseph Steinhardt
Coral Gables, Florida
Physics*

*Gregory Alan Nelson
Minnetonka, Minnesota
Biology/Chemistry*

*Keith Richard Karasek
Villa Park, Illinois
Physics*

*Kim Cheryl Thomas
Carmichael, California
Junior Class—Biology*

*Keith Alan Ex
Sarasota, Florida
Mechanical Engineering*

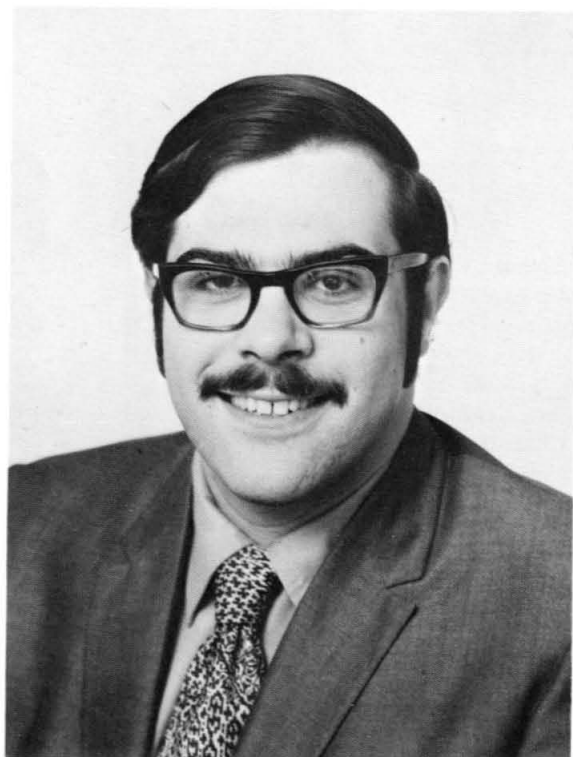
*Paul Arthur Thomas
Miami, Florida
Biology*



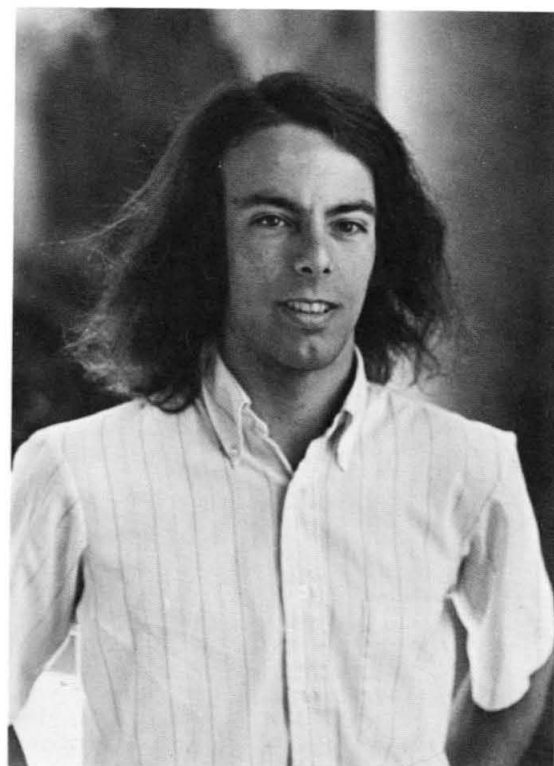
*Harry Gray
Chemistry*

Chemistry and Chemical Engineering

*Gregory K. Brock
Chehalis, Washington
Chemistry*



*Bob Durst
Salem, Oregon
Chemistry*



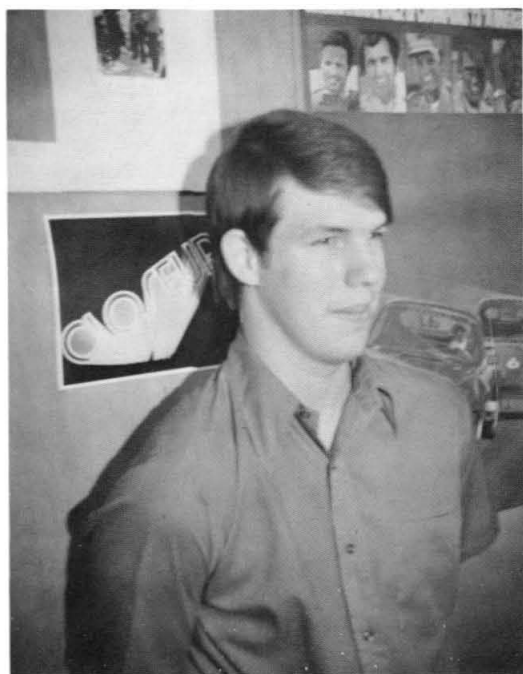


*Charles Easlon
Redmond, Oregon
Chemical Engineering*

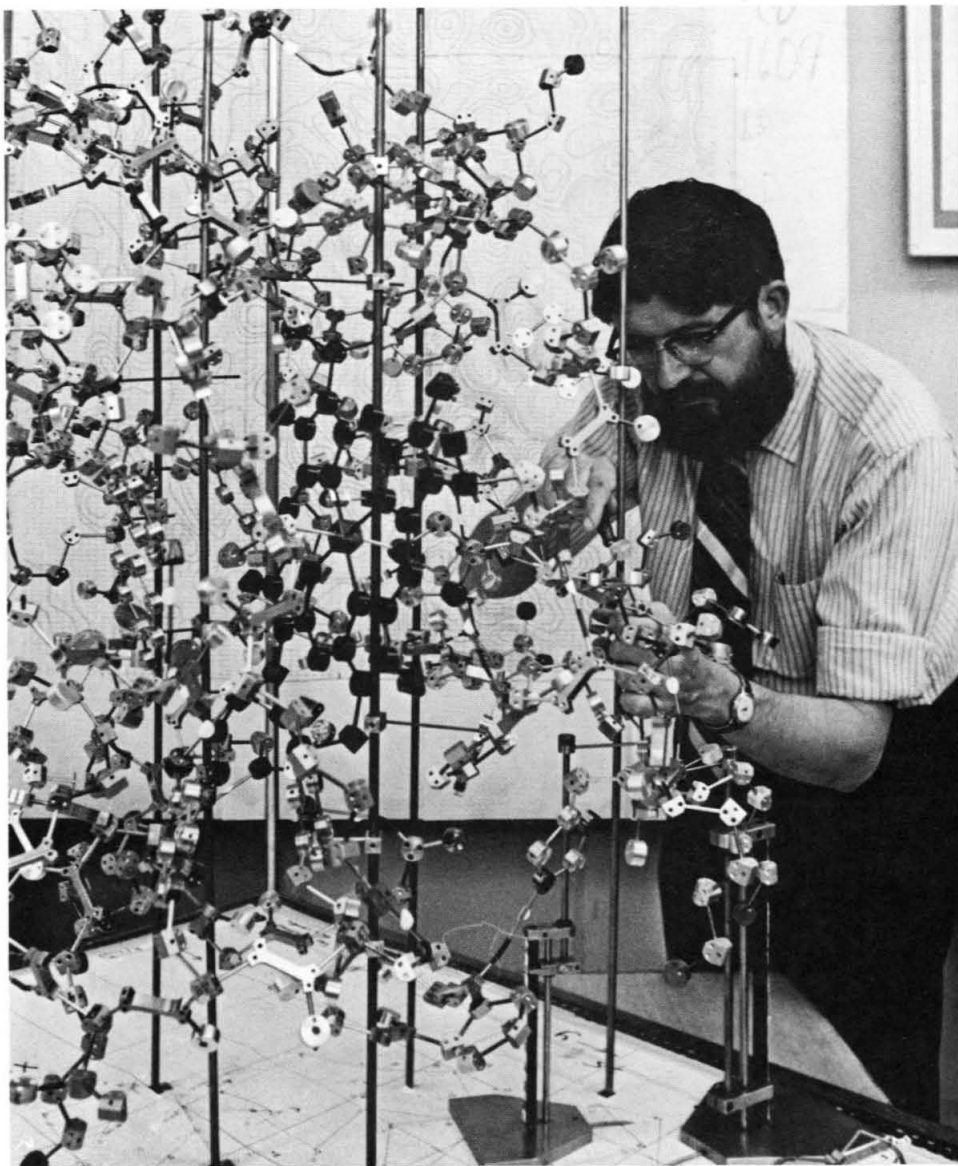


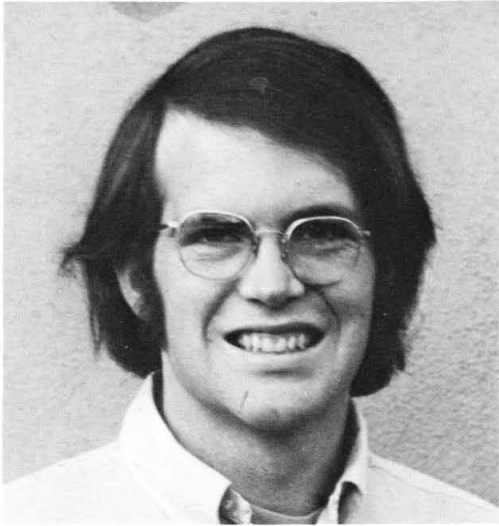
*Joyce Shih-chiao Hsiao
Silver Spring, Maryland
Chemistry*

*Richard E. Dickerson, Physical Chemistry
"Chemistry is the application of physics to interesting problems."*

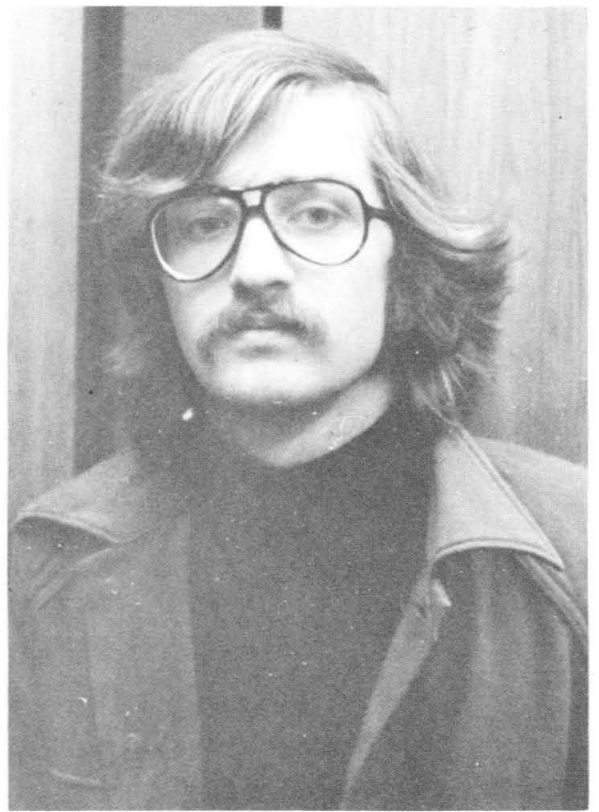


*Frank W. Hobbs
Salinas, California
Chemistry*



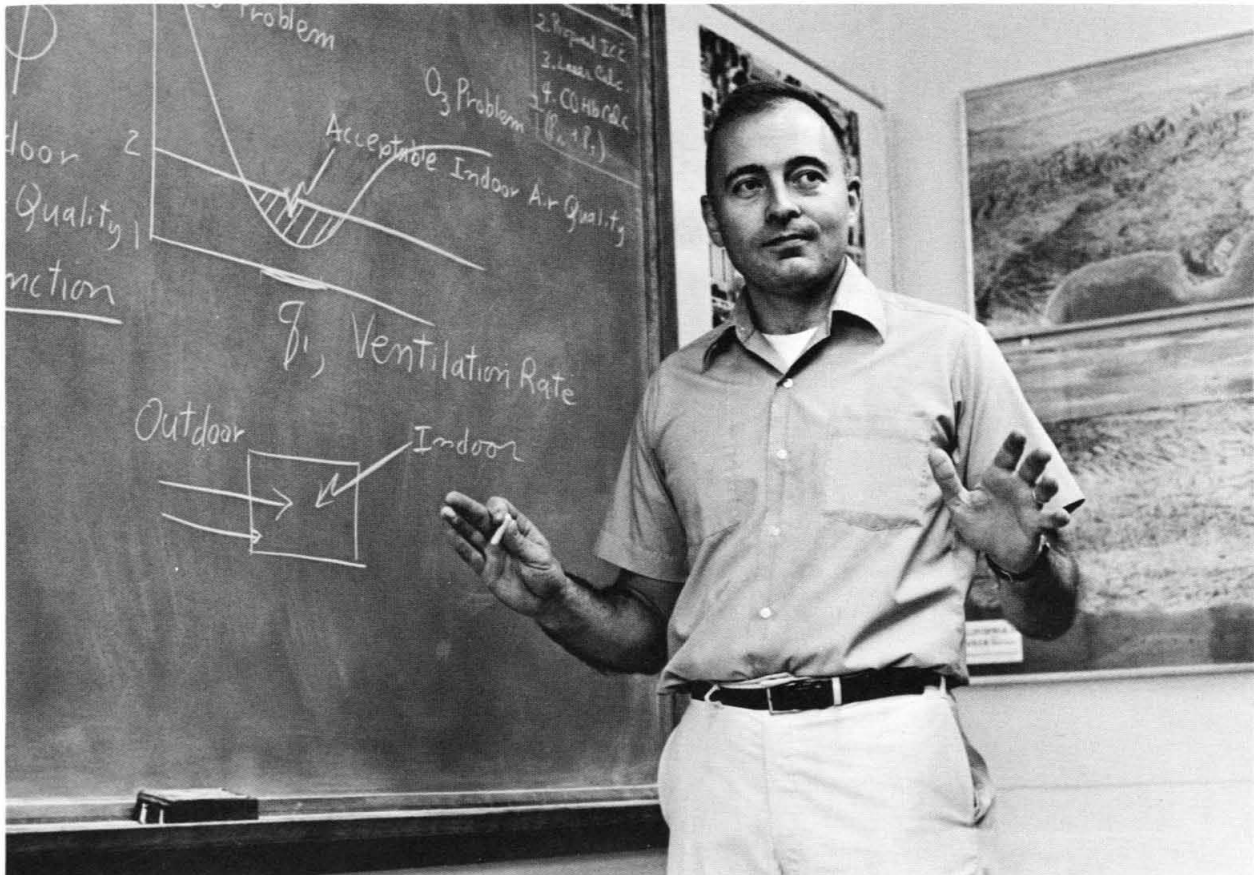


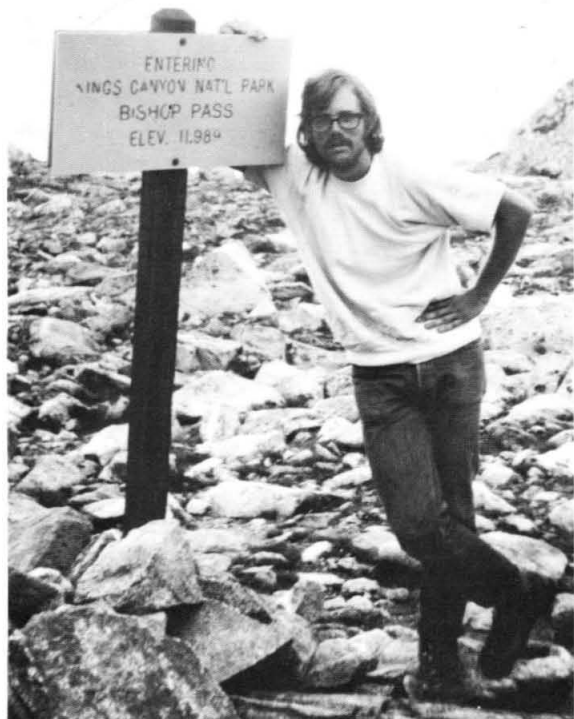
Dave Larwood
Bakersfield, California
Chemistry



Robert W. Murphree
Berkeley, California
Chemistry

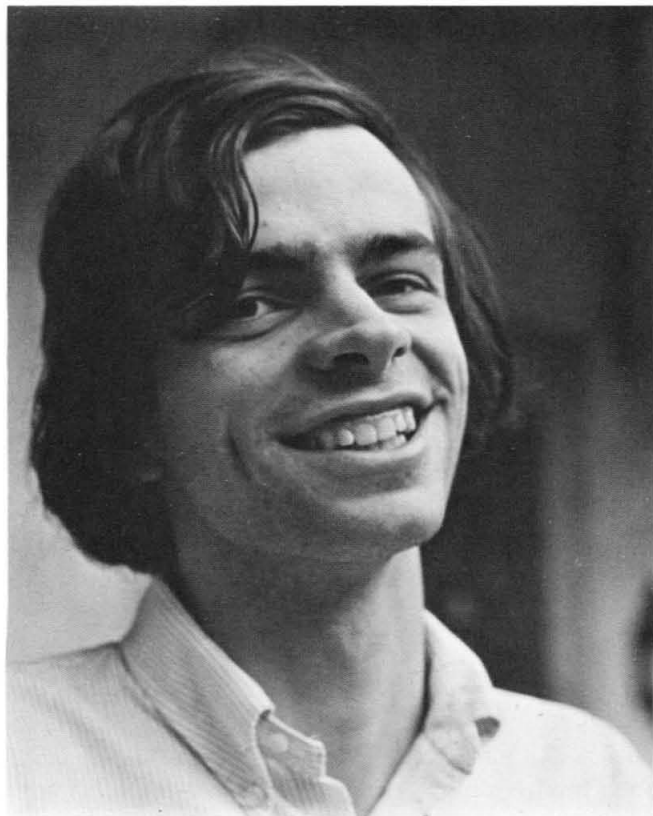
Fred Shair
Chemical Engineering





*Mark Nelson
Downey, California
Chemistry*

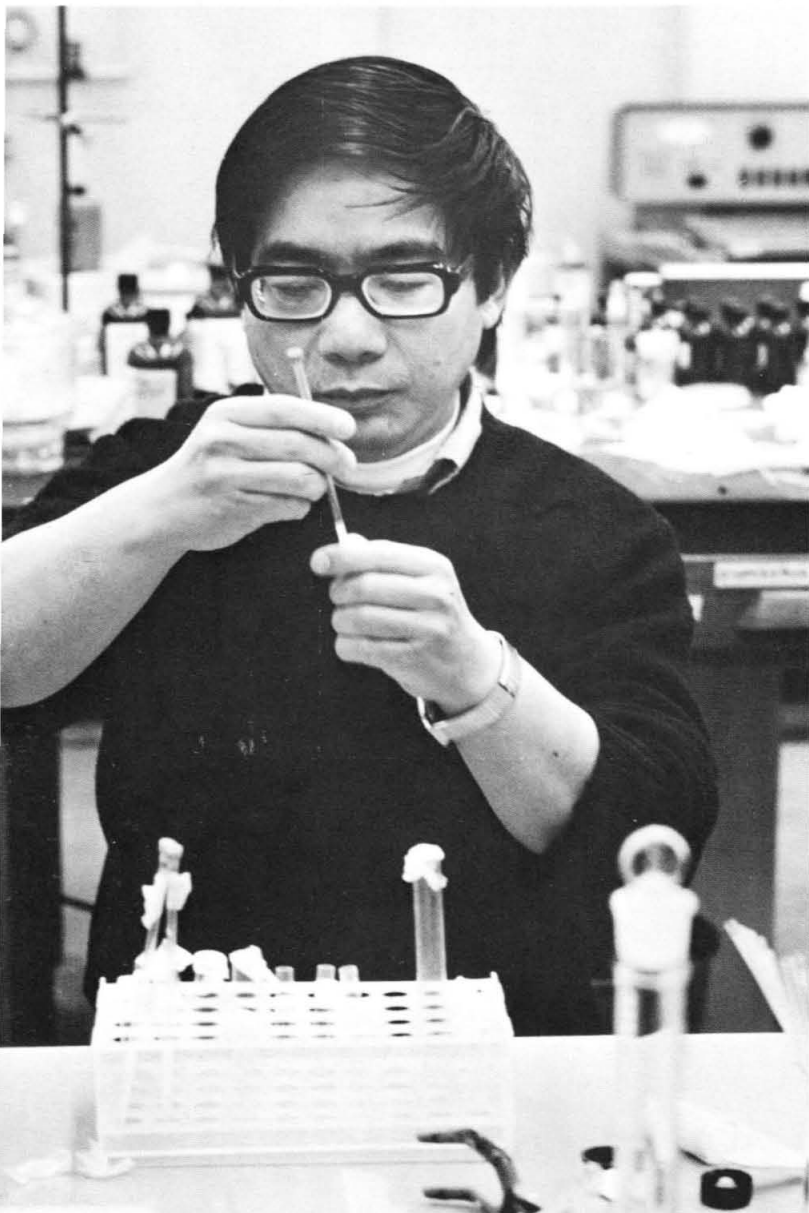
*Gary Peterson
Oklahoma City, Oklahoma
Chemistry*



*Jesse Beauchamp
Chemistry*



*Dave Musgrave
Chemistry*

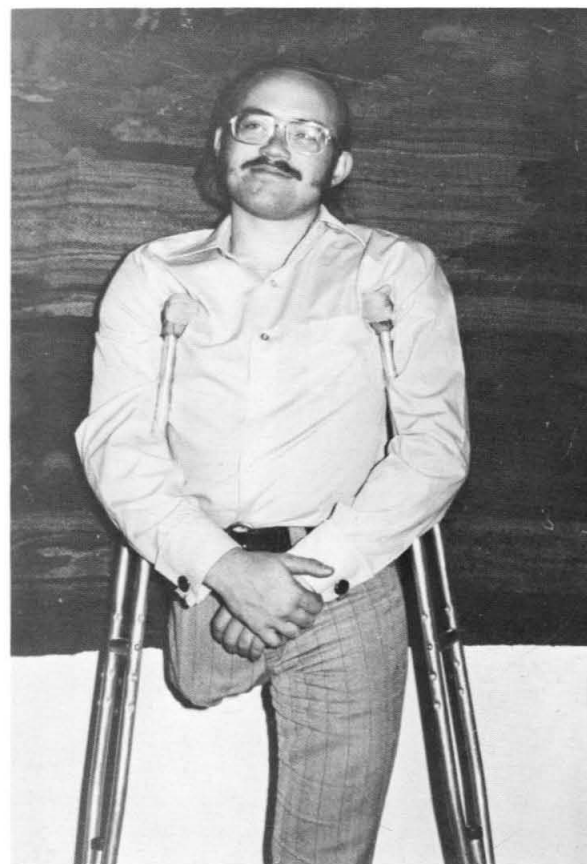


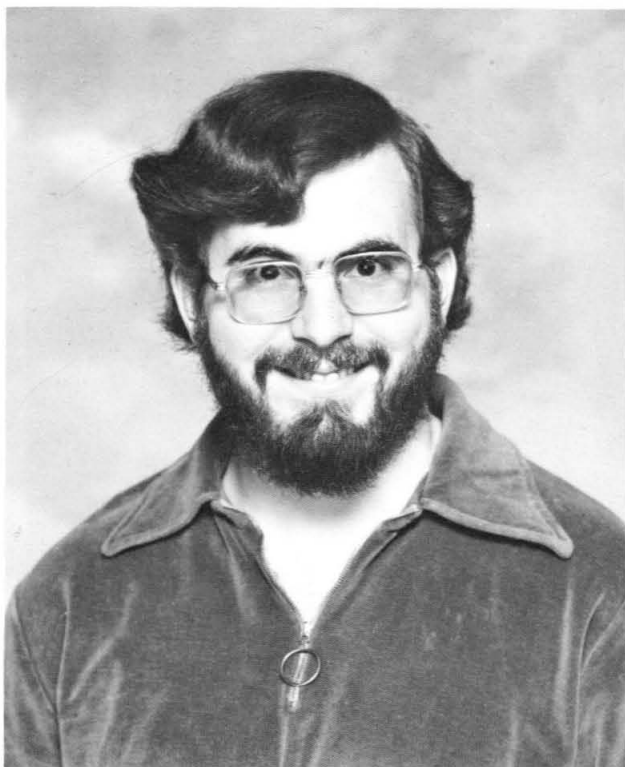
*Sunney Chan, Chemical Physics
"This picture is oversimplified. In fact, it is perverted."*



*M. L. Shek
Hong Kong
Chemistry*

*Richard Leroy Stephens
Hanley Hills, Missouri
Chemistry*





*Kenneth Sanders Suslick
Glencoe, Illinois
Chemistry*

*Robert Wieting
Downey, California
Chemistry*



*John Seinfeld
Chemical Engineering*

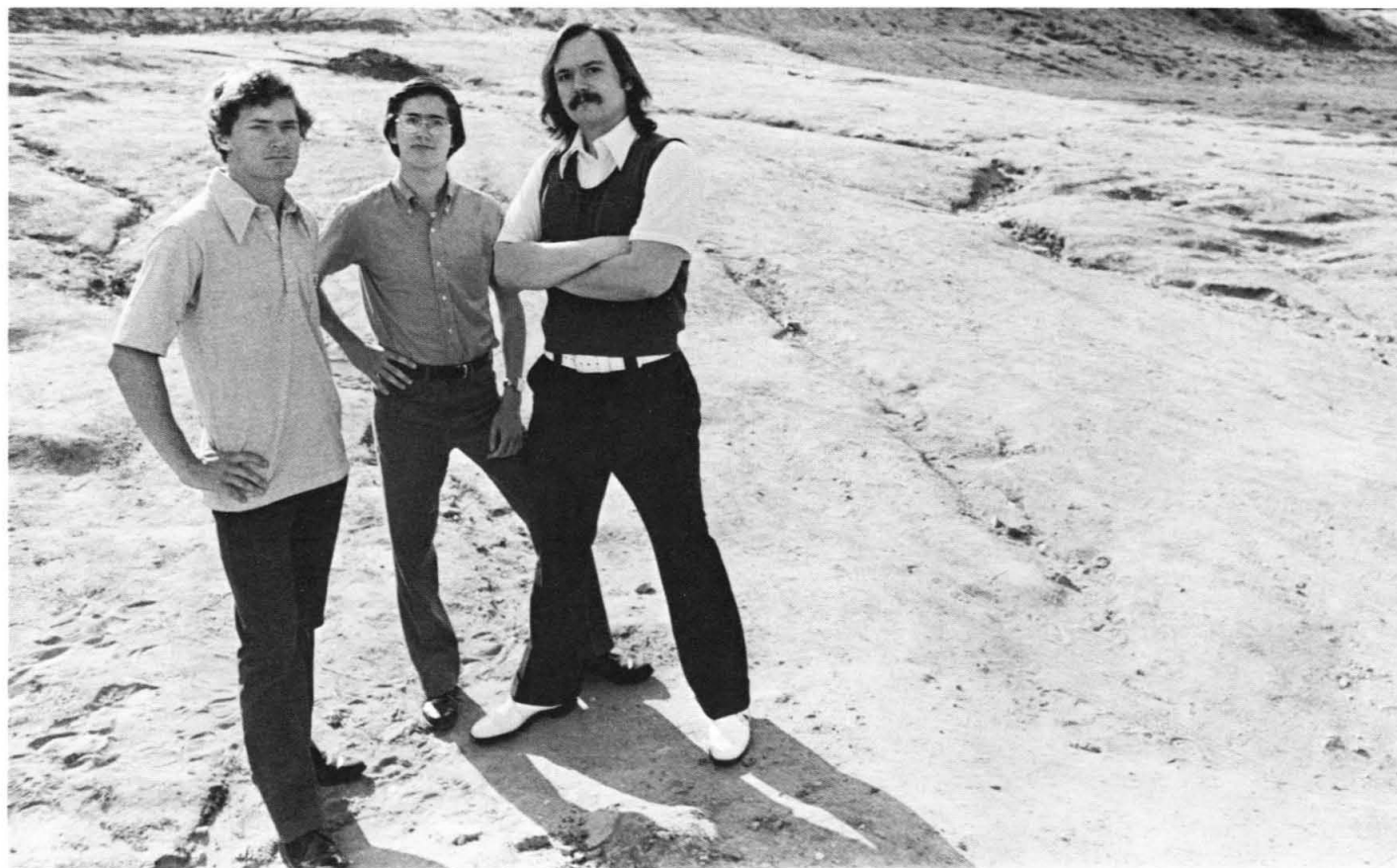


*Jack Richards
Organic Chemistry*

*Stephan A. Bitondo
Lakeside, California
Chemistry*

*Bruce C. Spalding
Seattle, Washington
Chemistry*

*John Patrick Cannady
Lakewood, California
Chemistry*





Board of Directors, SLIT, Inc.

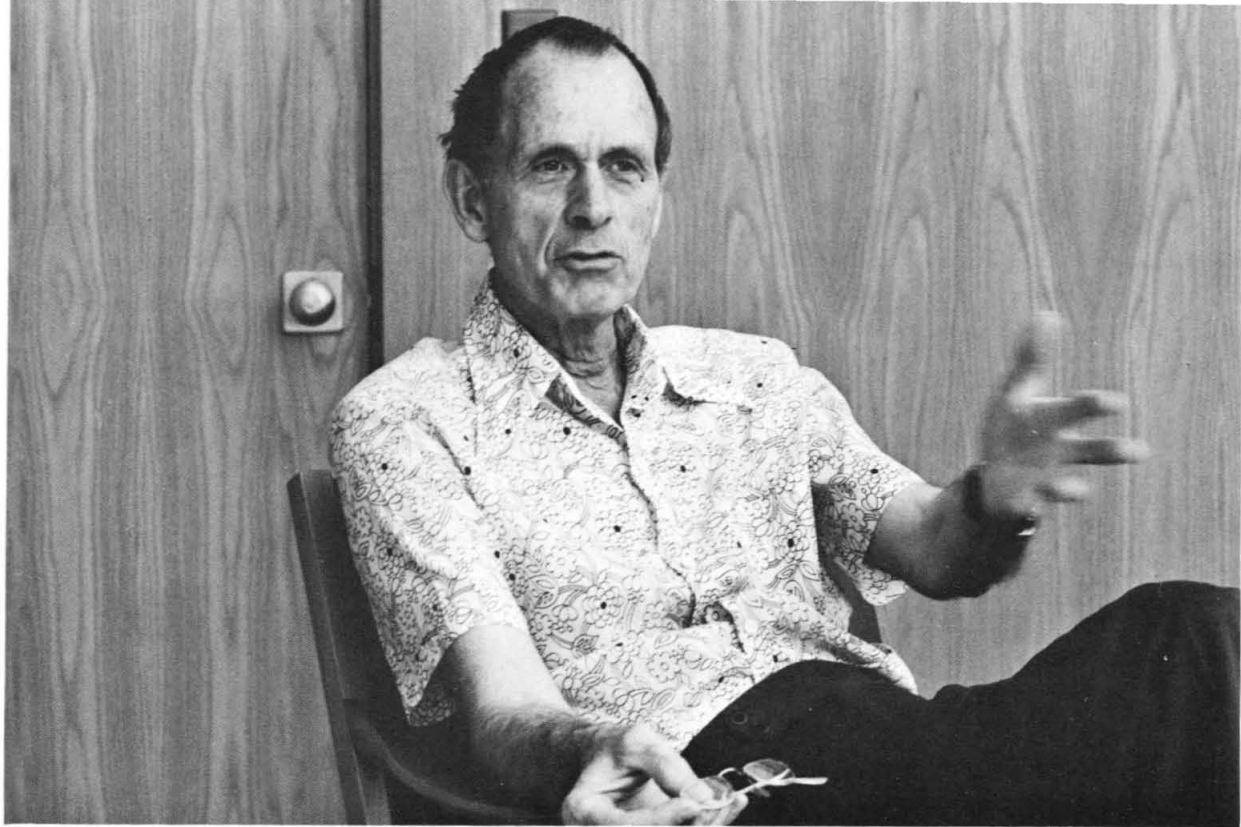
*Kenneth L. Walker
Lakewood, Colorado
Chemical Engineering*

*Patrick H. Jenkins
Arlington Heights, Illinois
Chemical Engineering*

*Gregory P. Stone
Glennville, California
Chemical Engineering*

*William E. Clevenger
Rocky Ford, Colorado
Chemical Engineering*

*Steven R. Moosman
Walla Walla, Washington
Chemical Engineering*



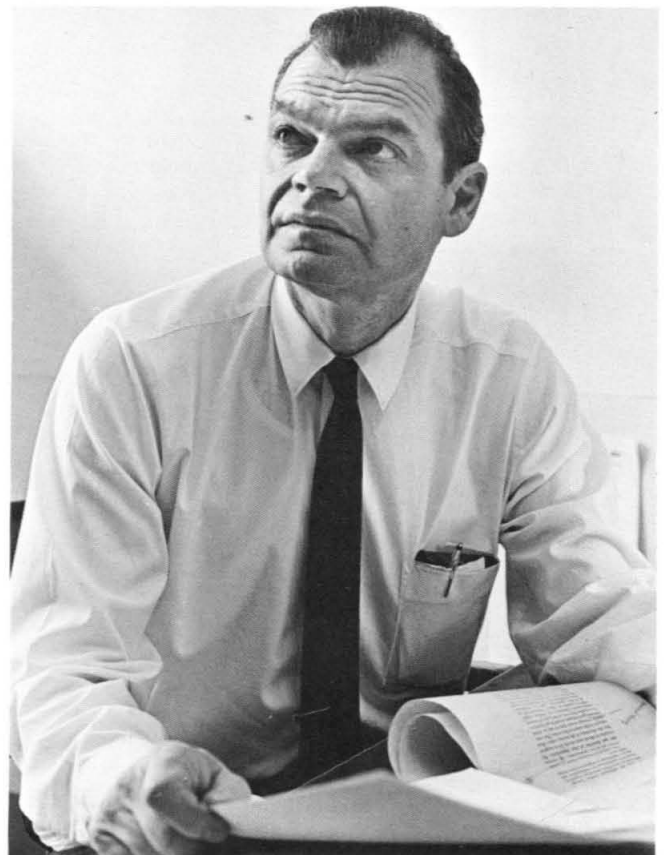
*Francis Clauser, Aeronautics
Chairman of the Division of Engineering and Applied Science*

Engineering and Applied Science

*James Morgan, Environmental Engineering
Dean of Students*

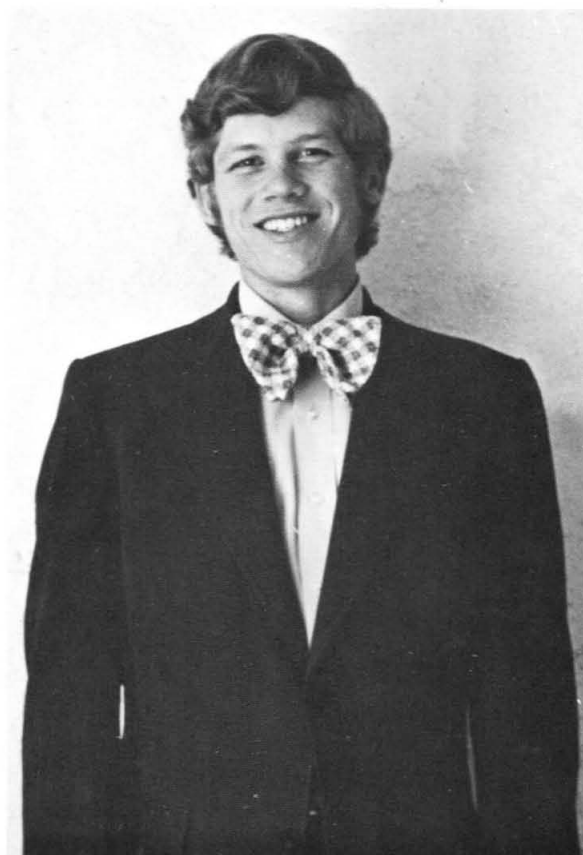


*Rolf Sabersky
Mechanical Engineering*

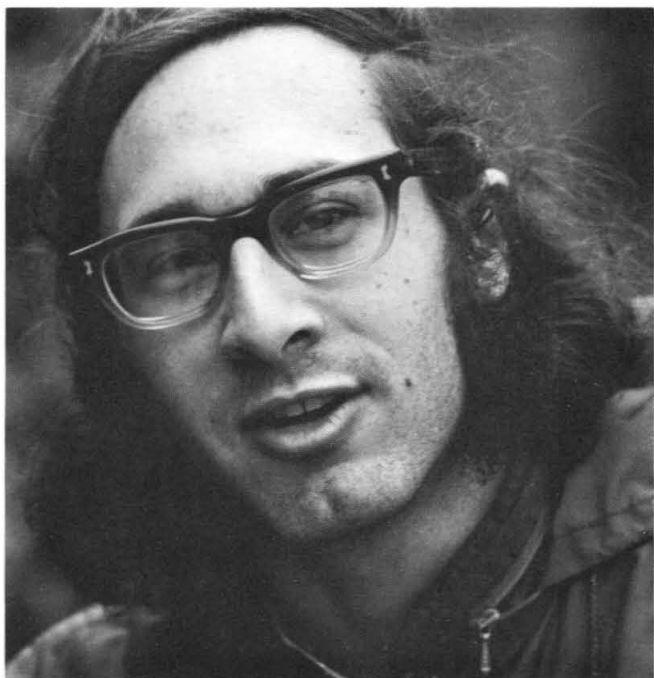




*Lisa Anderson
Manhattan Beach, California
Independent Studies Program*



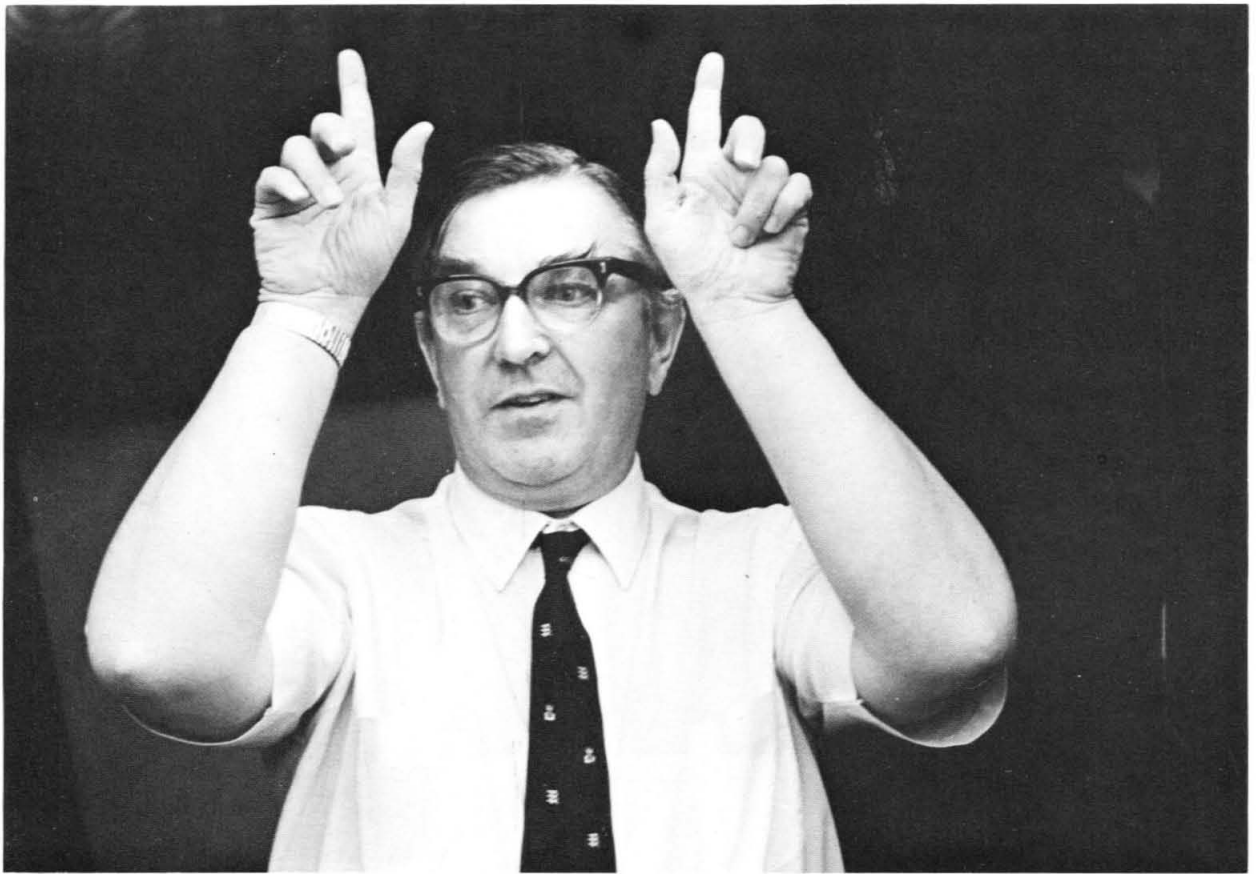
*Richard Baker
Thousand Oaks, California
Engineering*



*Bob Bresler
South San Francisco, California
Engineering*



*Val Catanzarite
Palos Verdes Peninsula, California
Independent Studies Program*

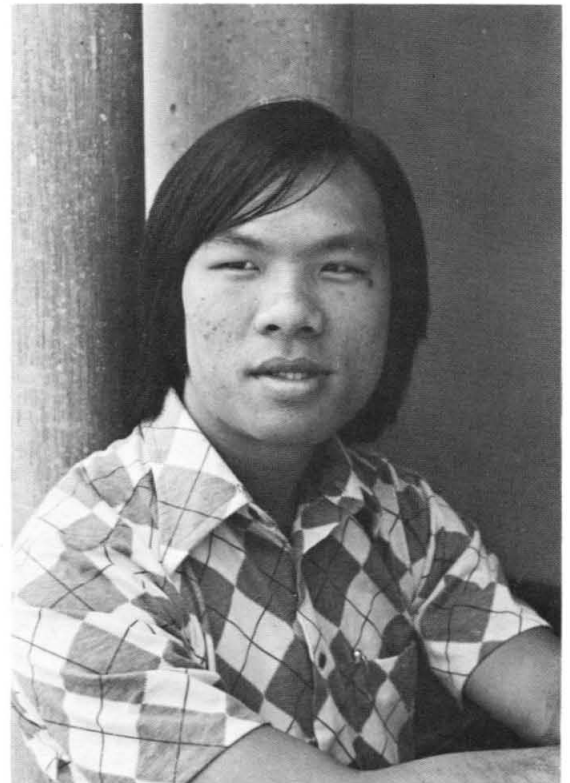


*Derek Fender
Applied Science and Biology*

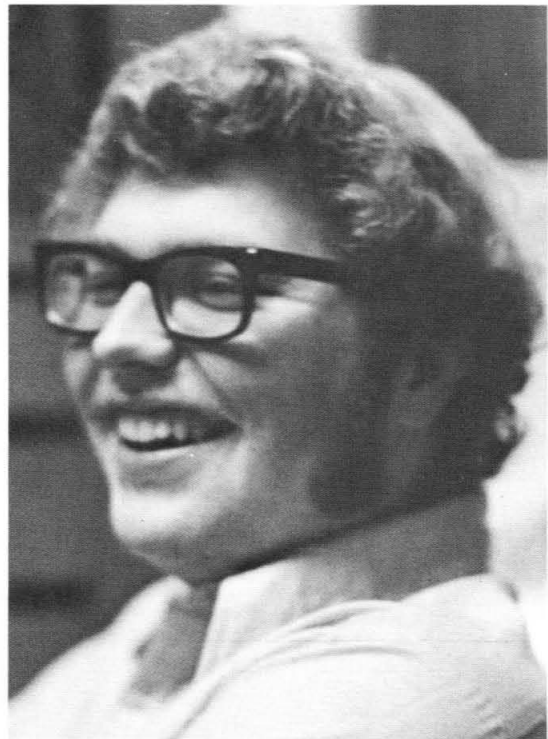
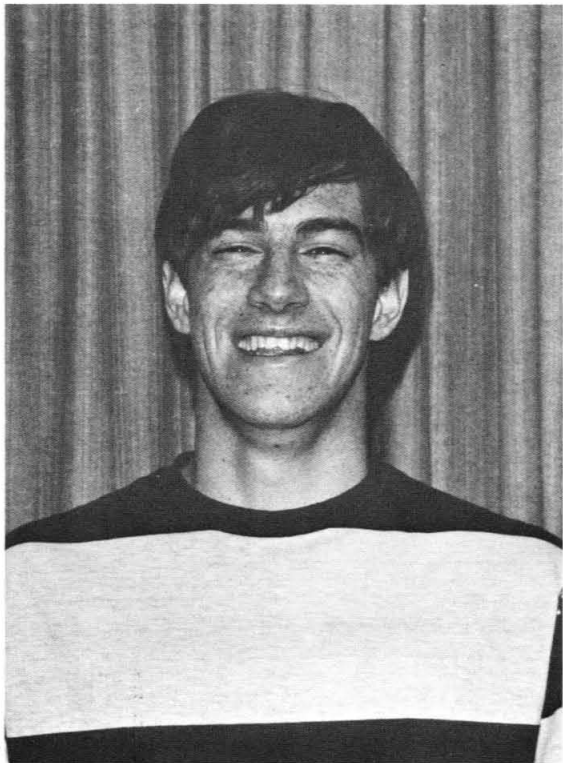
*W. K. Cheng
Hong Kong
Engineering*



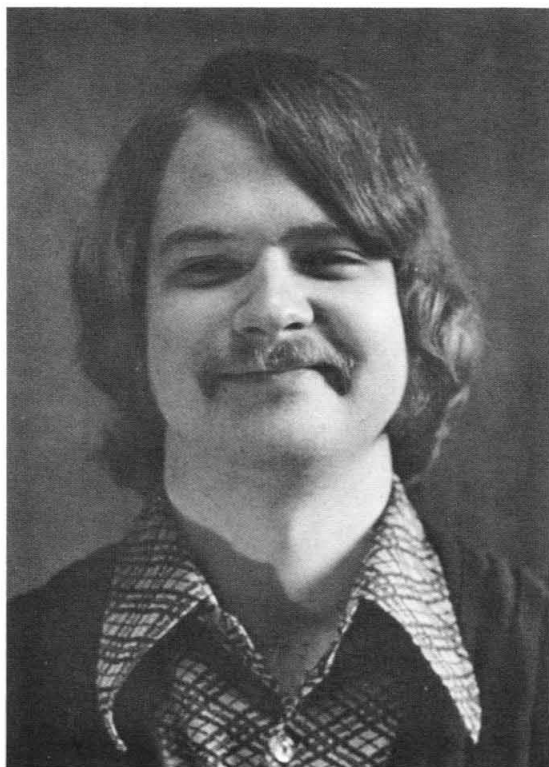
*Ernest Y.C. Chung
Hong Kong
Engineering*



*Robert Coleman
Olympia, Washington
Engineering*



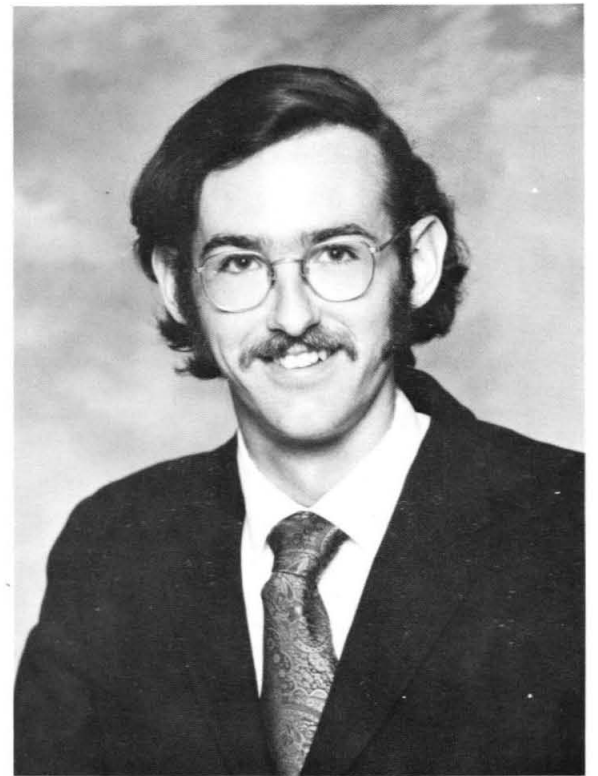
*David Anderson Drake
Ridgewood, New Jersey
Electrical Engineering*



*John Marland Garth
Poway, California
Applied Physics*

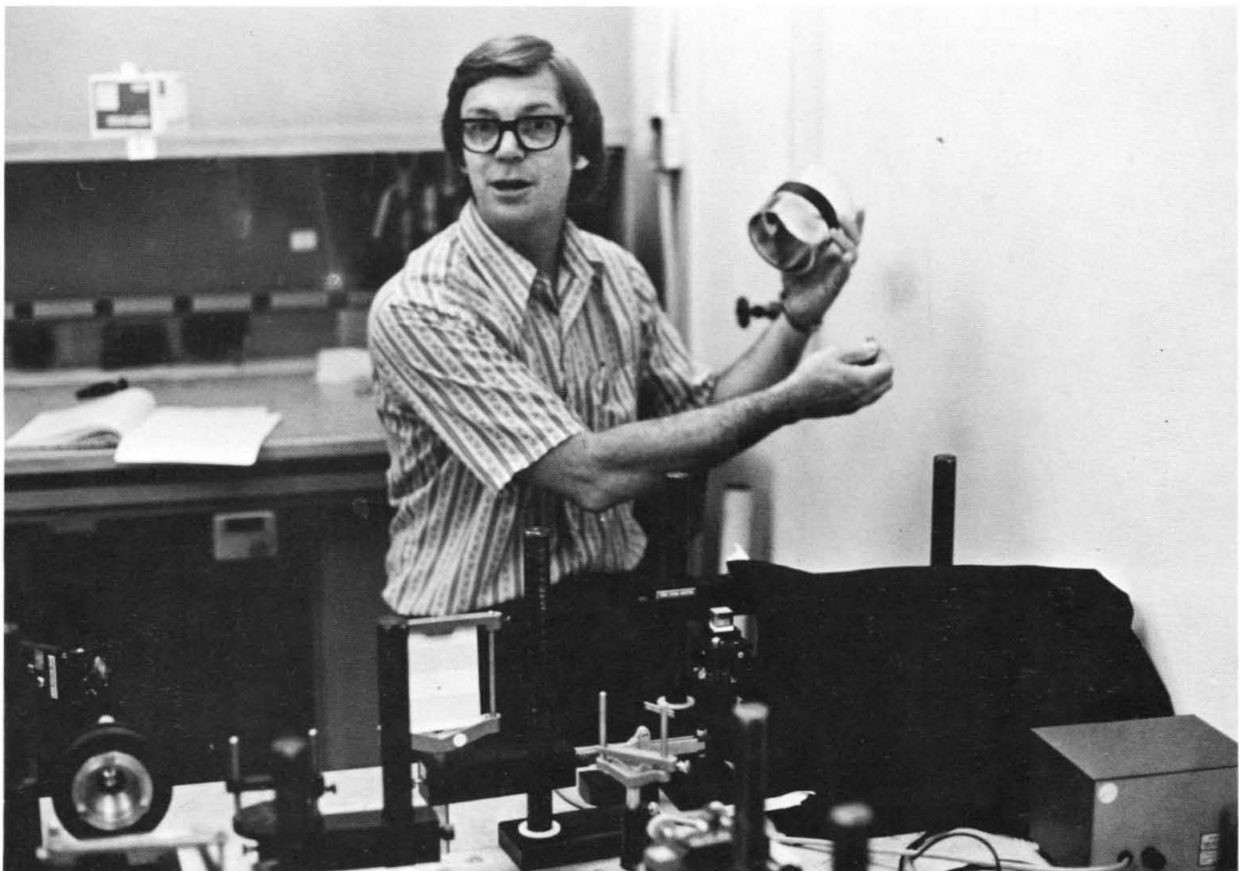


*Bruce Scott Hantover
San Francisco, California
Information Science*



*Erik R. Horsley
La Canada, California
Electrical Engineering*

*Floyd Humphrey
Electrical Engineering*



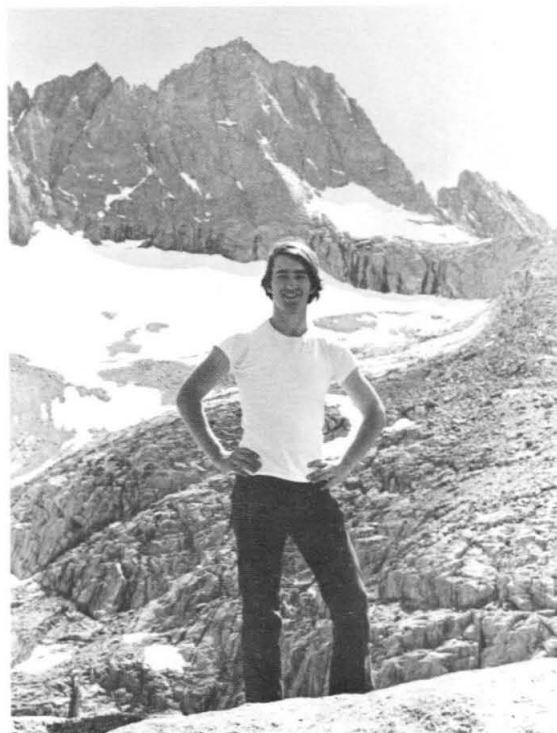


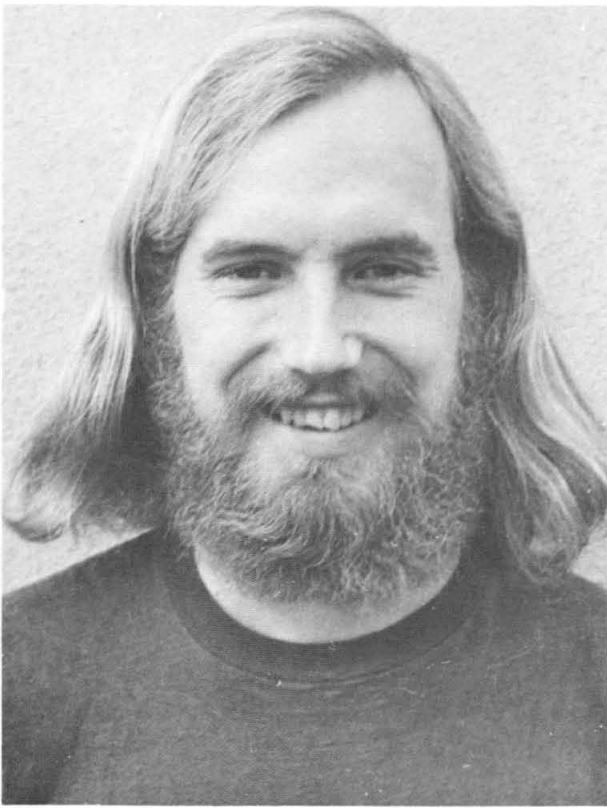
*Hardy Martel, Electrical Engineering
"This derivation is absolutely correct. It just looks suspicious."*

*Glenn R. Ierley
Florham Park, New Jersey
Applied Physics*



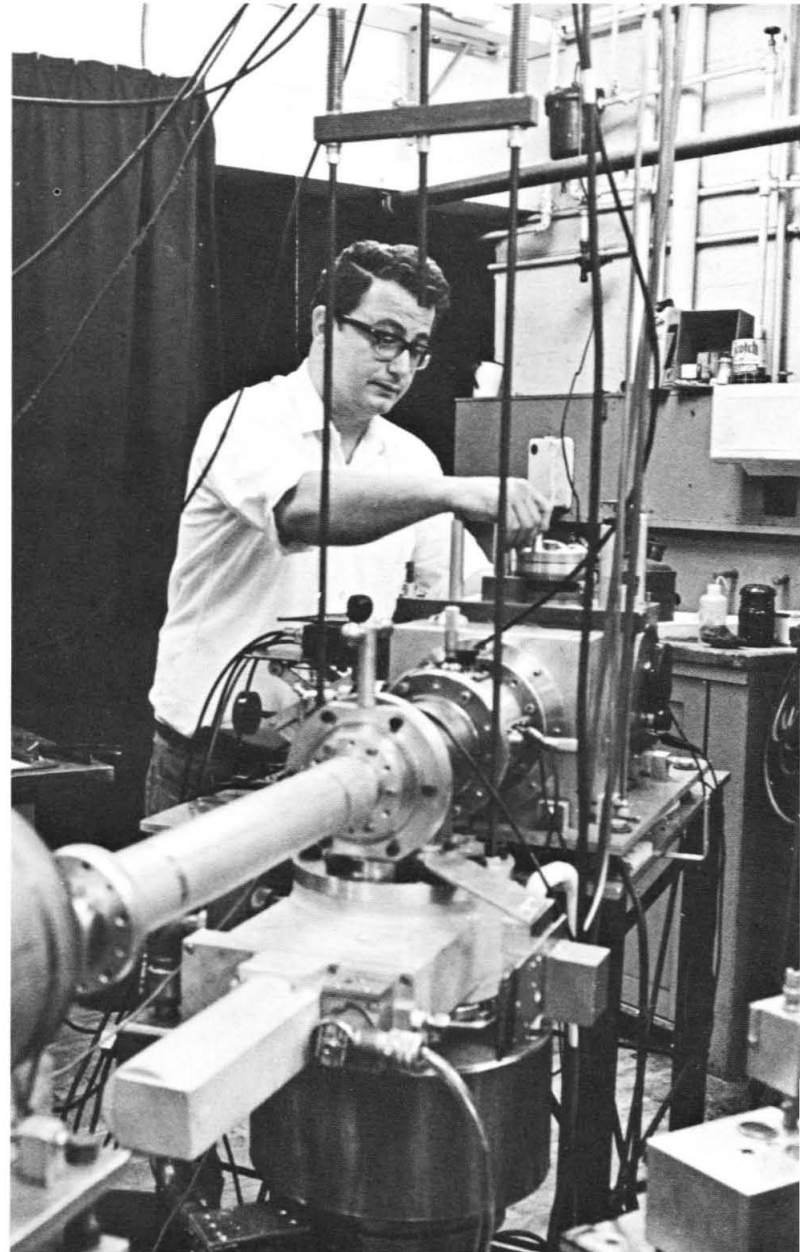
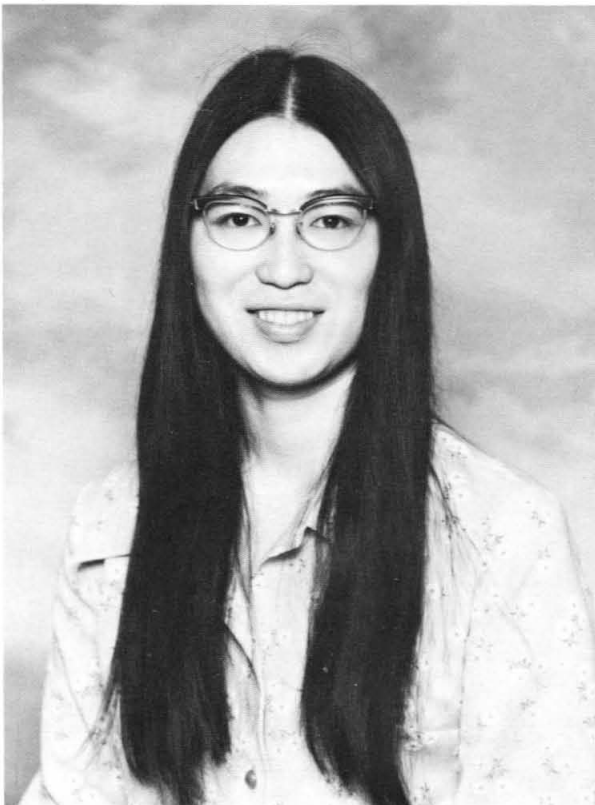
*Hal Jerman
Malibu, California
Applied Physics*



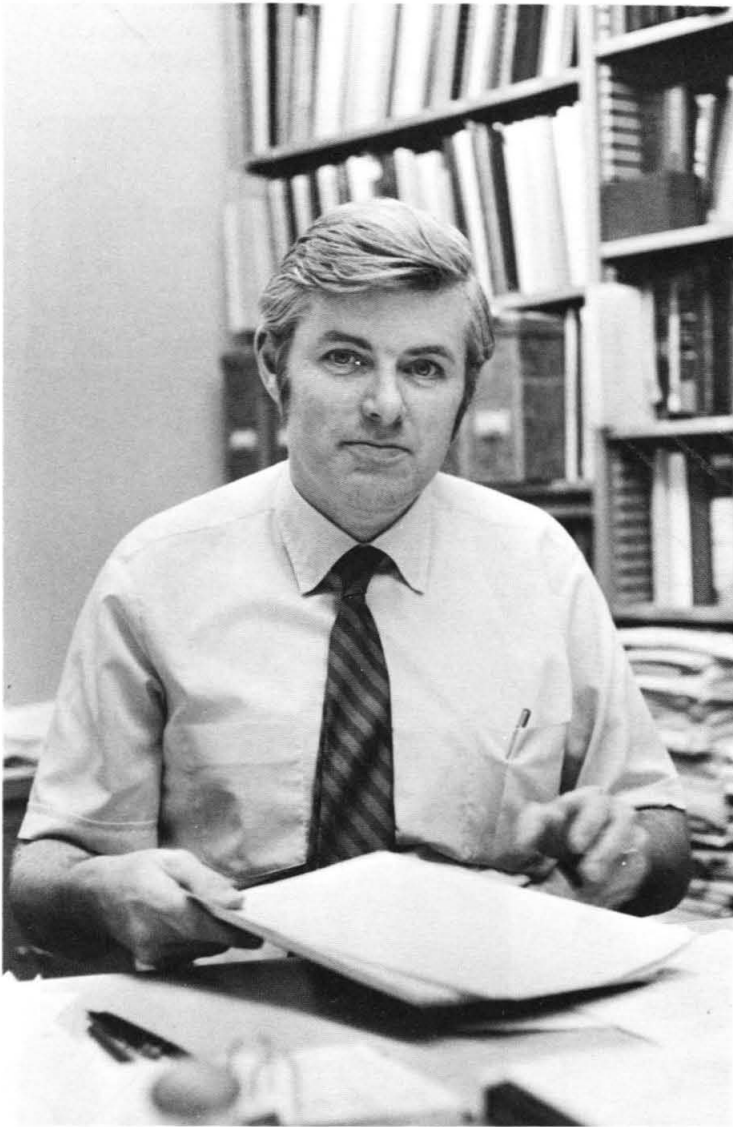


*James Robert Leger
San Diego, California
Applied Physics*

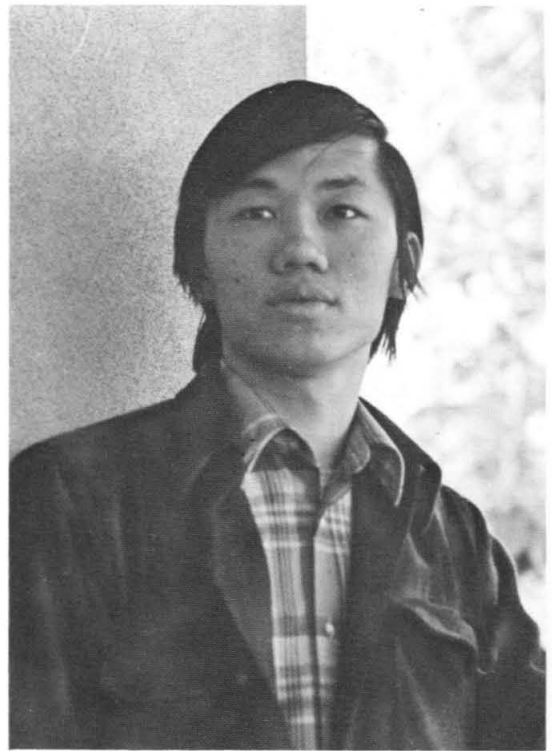
*Gloria Liu
Longview, Washington
Engineering*



*Jim Mayer
Electrical Engineering*



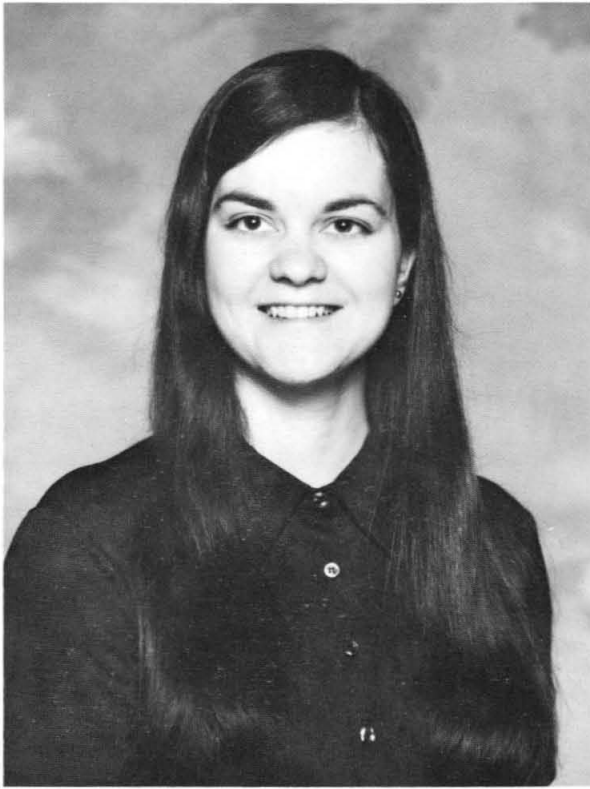
*Norman Brooks
Environmental Engineering and Civil Engineering*



*Thanh Luu
Saigon, Vietnam
Engineering*

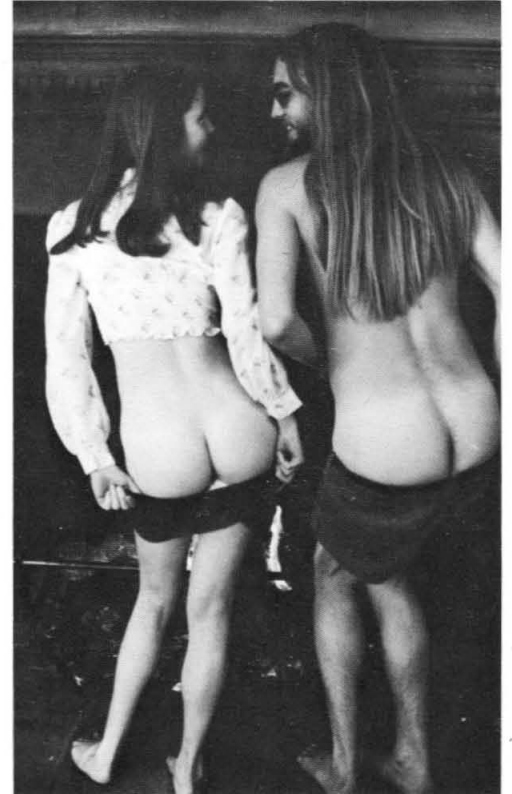
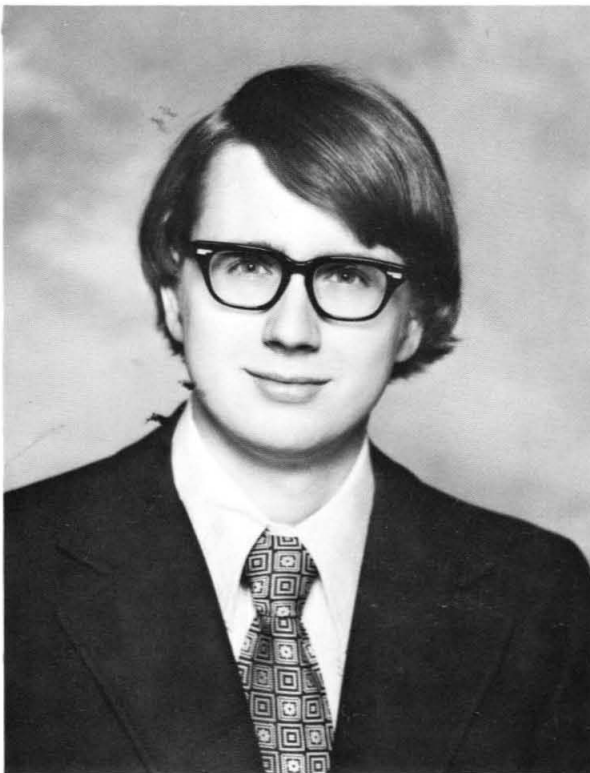
*Richard F. Lyon
El Paso, Texas
Electrical Engineering*





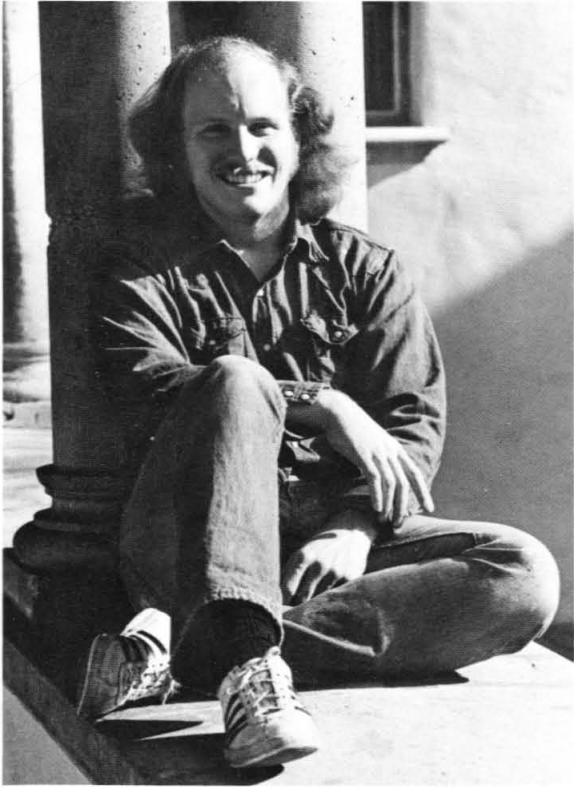
*Rhonda Lynne MacDonald
New Bedford, Massachusetts
Engineering*

*Bruce Montgomery
Minnetonka, Minnesota
Mechanical Engineering*

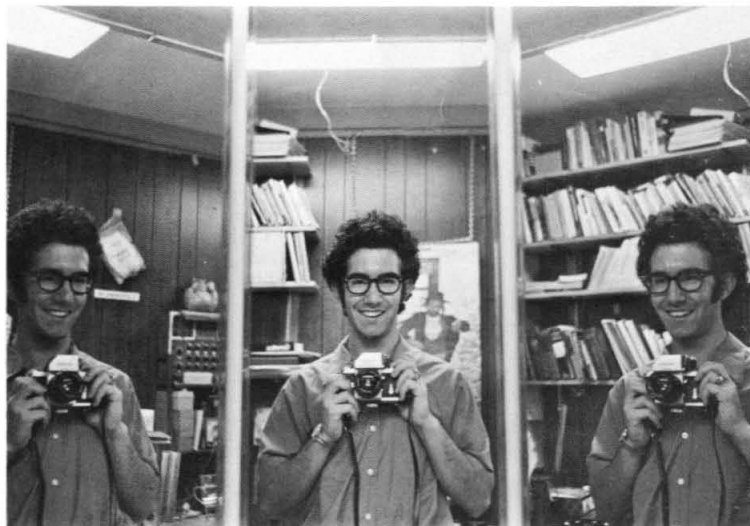


*John Thomas Meador
Oklahoma City, Oklahoma
Engineering*

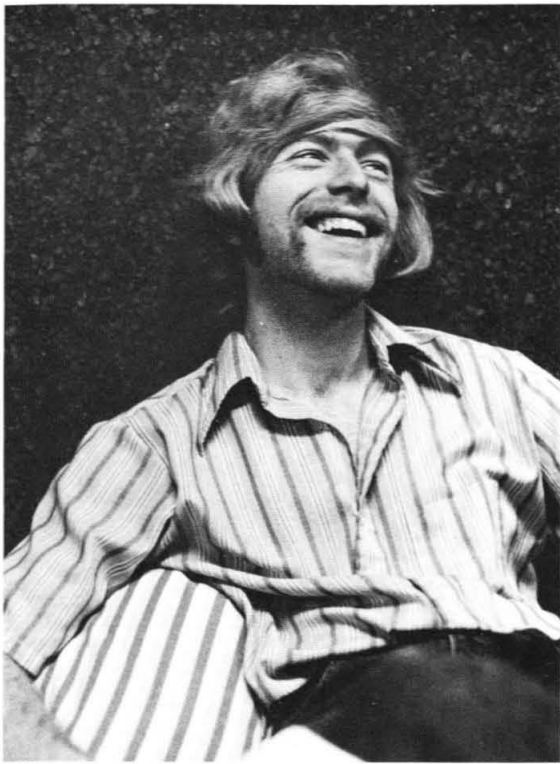
*James G. Peterson
Clarendon Hills, Illinois
Applied Physics*



*Hans Liepmann
Aeronautics*



*David B. Peisner
Huntington Woods, Michigan
Engineering*

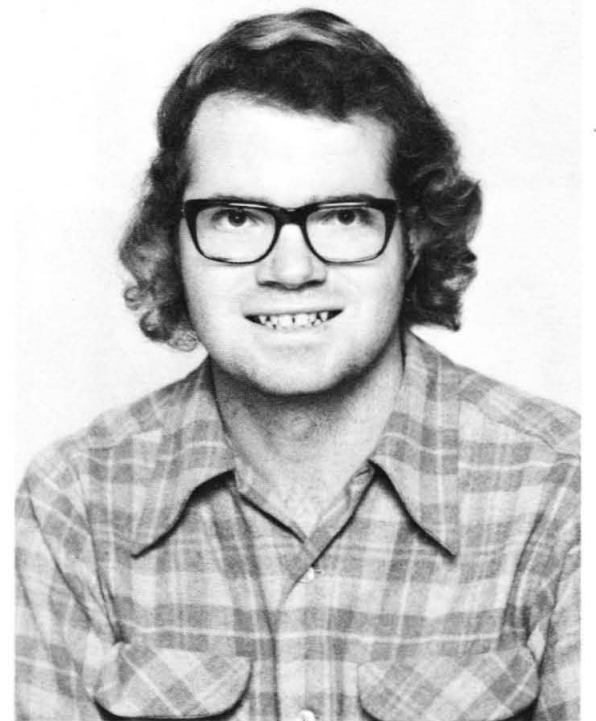


*Robert M. Pleva
Indianapolis, Indiana
Applied Physics*

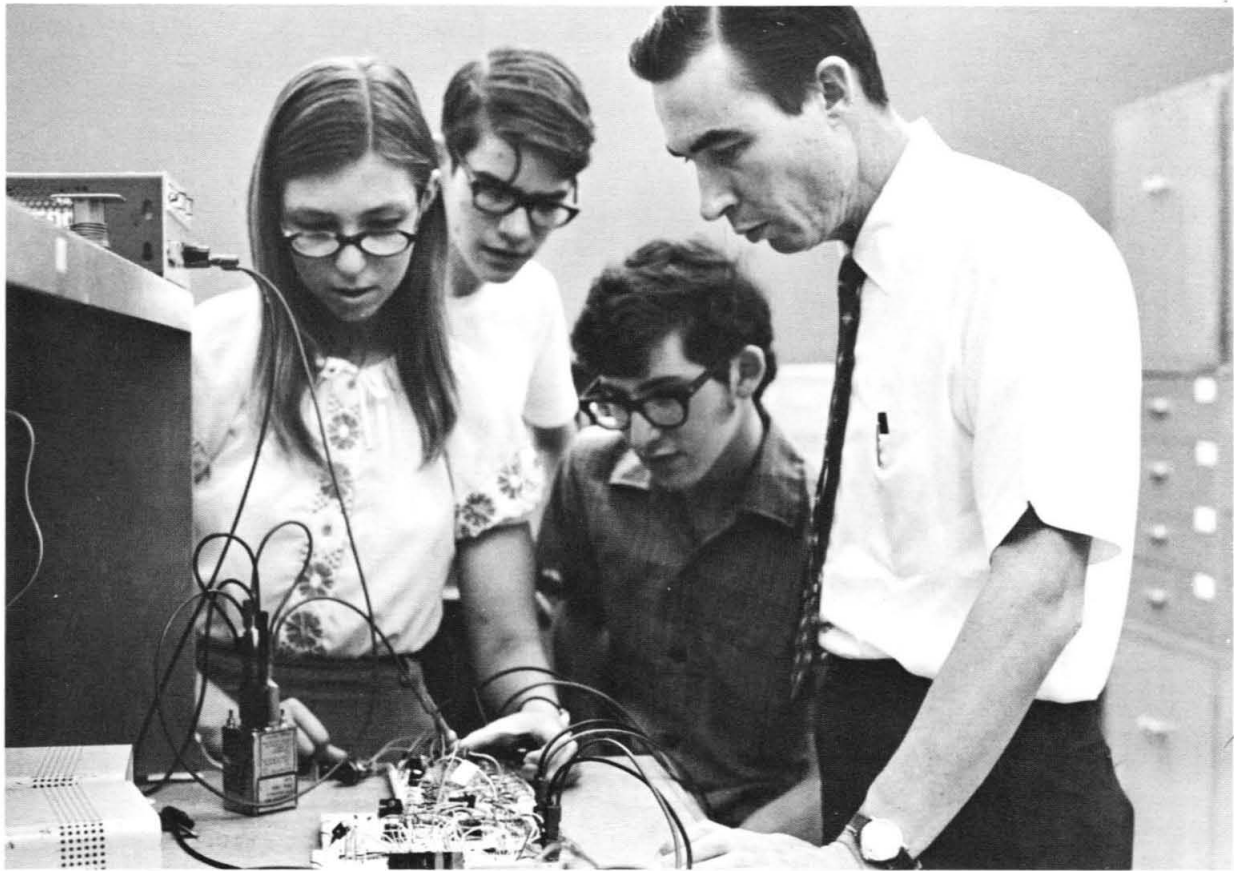


*S.J. Poon
Hong Kong
Engineering*

*Chuck Wilts, Electrical Engineering
"Given a fifth order polynomial, if we know the answer it's
very easy to factor."*



*James Edward Price
Thousand Oaks, California
Engineering*



*Carver Mead
Electrical Engineering*



*Ram Rao
Bangalore, India
Engineering*

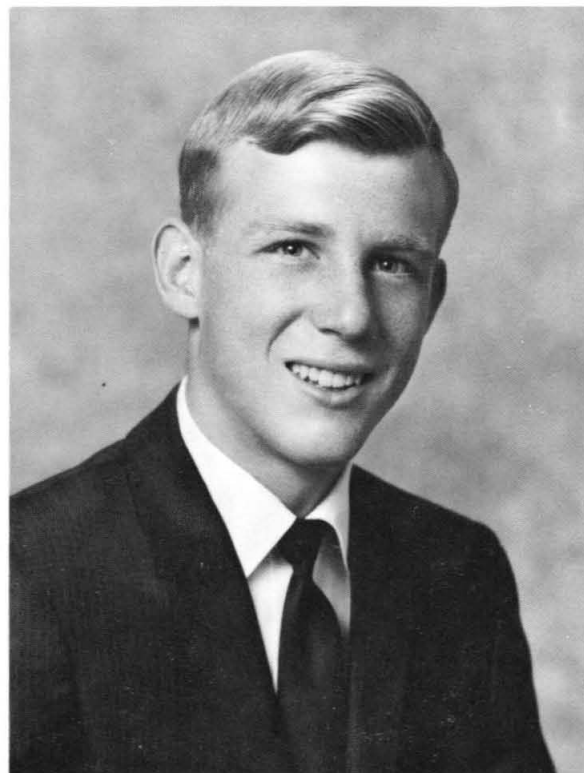


*Louis K. Scheffer
Rochester, New York
Engineering*



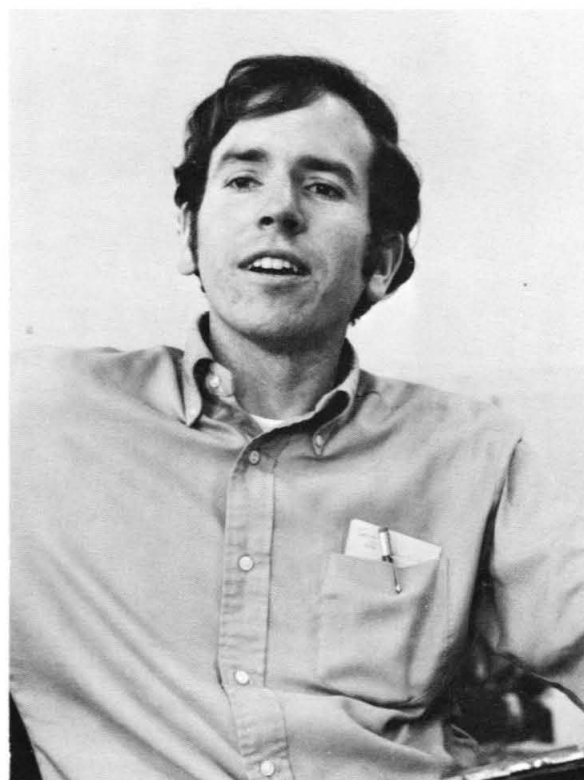
*Ernest Sechler
Aeronautics*

*Homer Joe Stewart
Aeronautics*



*Gregory Leon Simay
Burbank, California
Applied Physics/Economics*

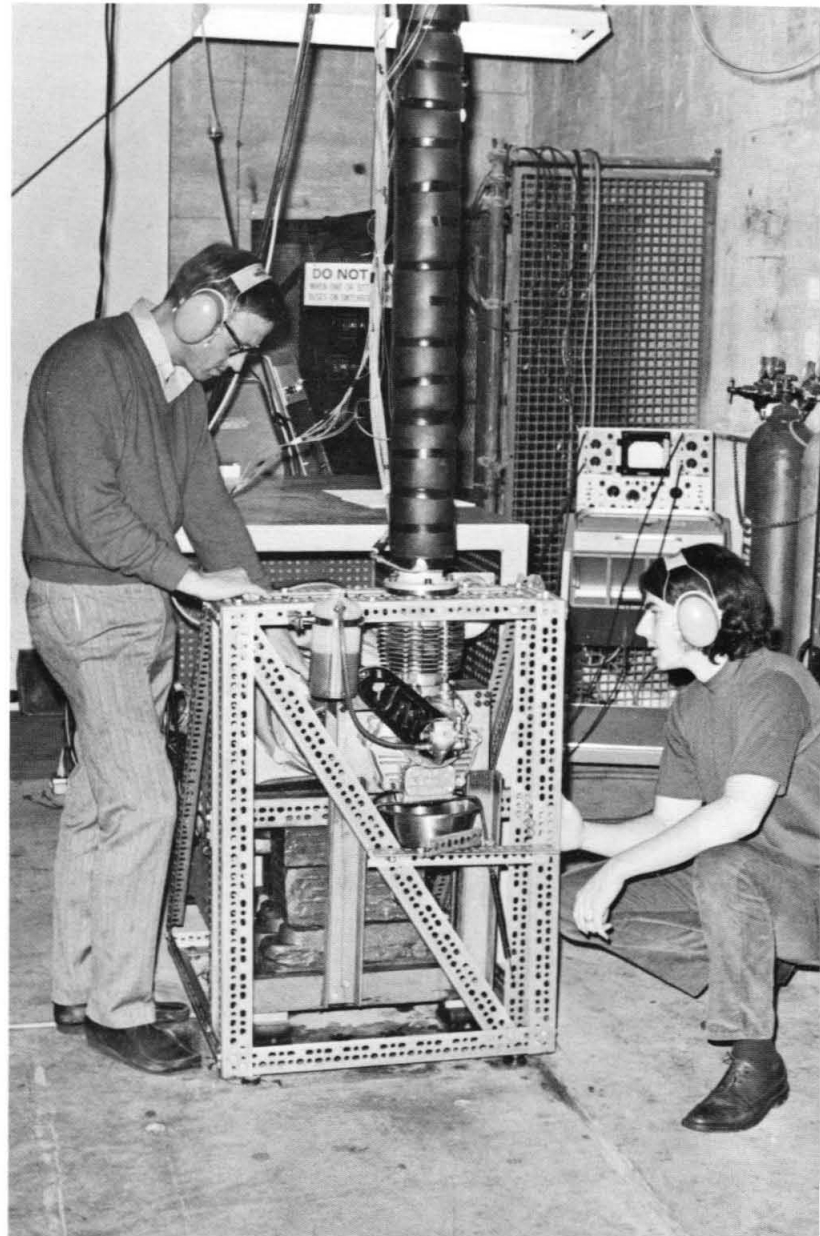
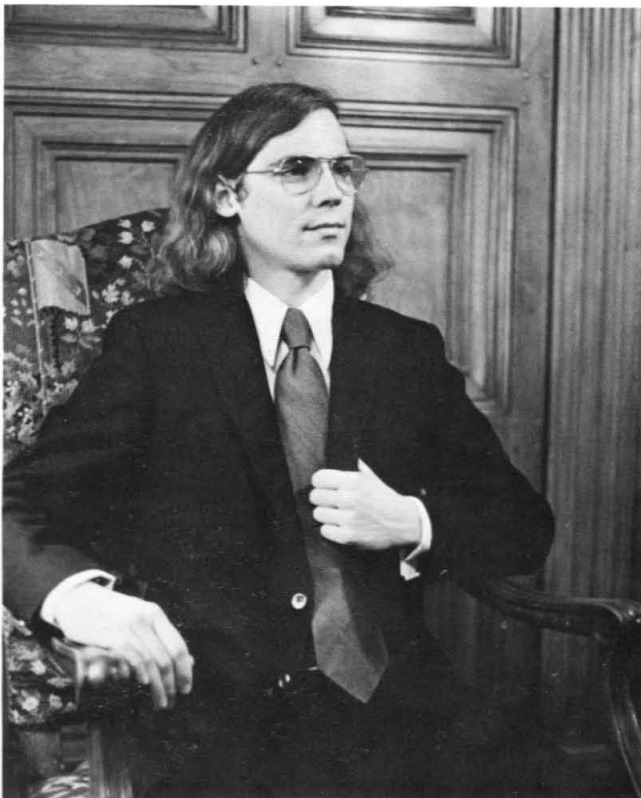
*Fred Sigworth
Orinda, California
Applied Physics*



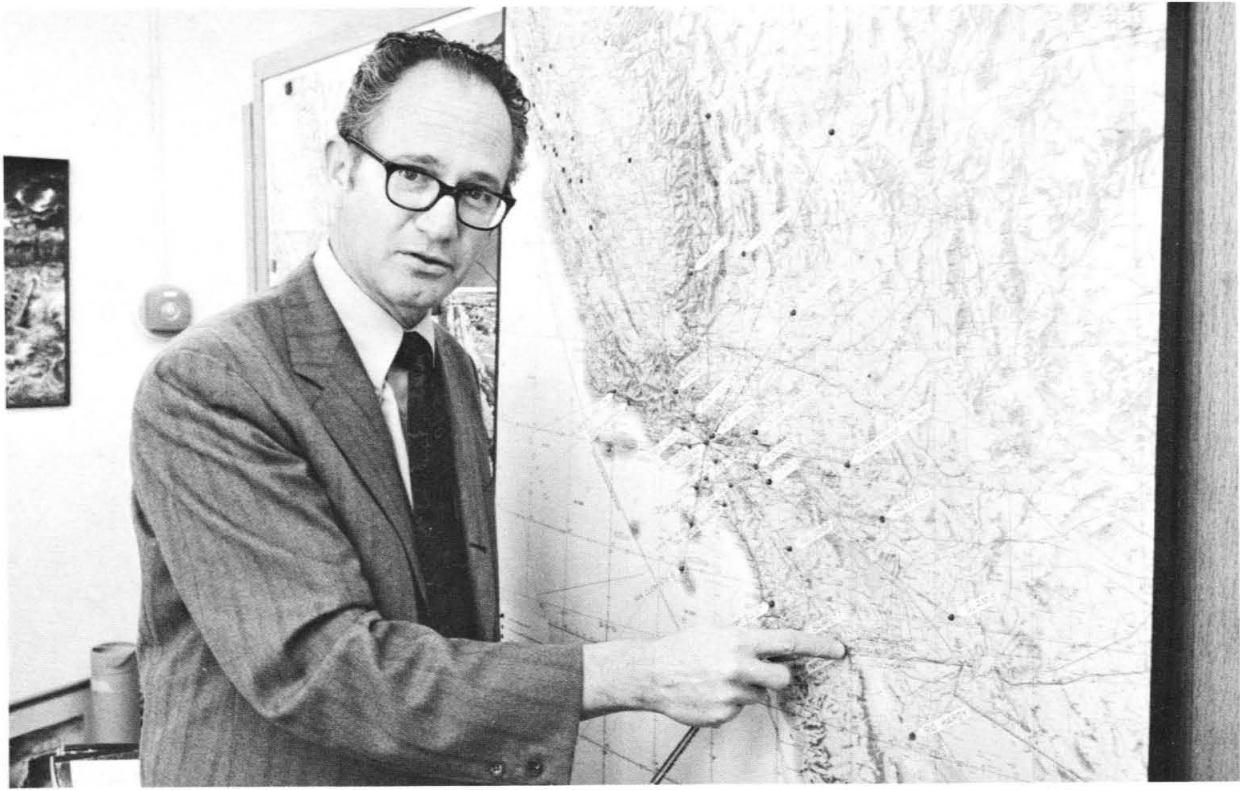


*Steven James Warling
Canoga Park, California
Engineering*

*Michael U. Wimbrow
Chappaqua, New York
Engineering*



*Brad Sturtevant
Aeronautics*



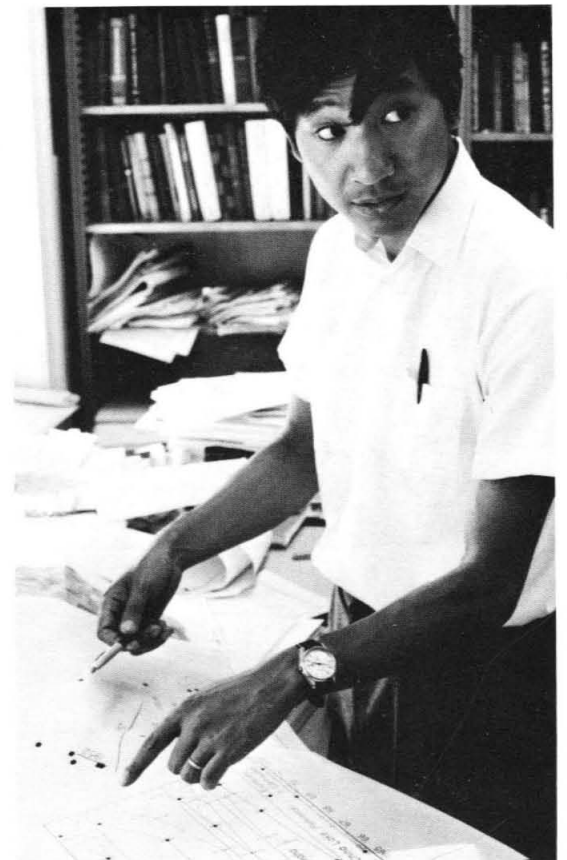
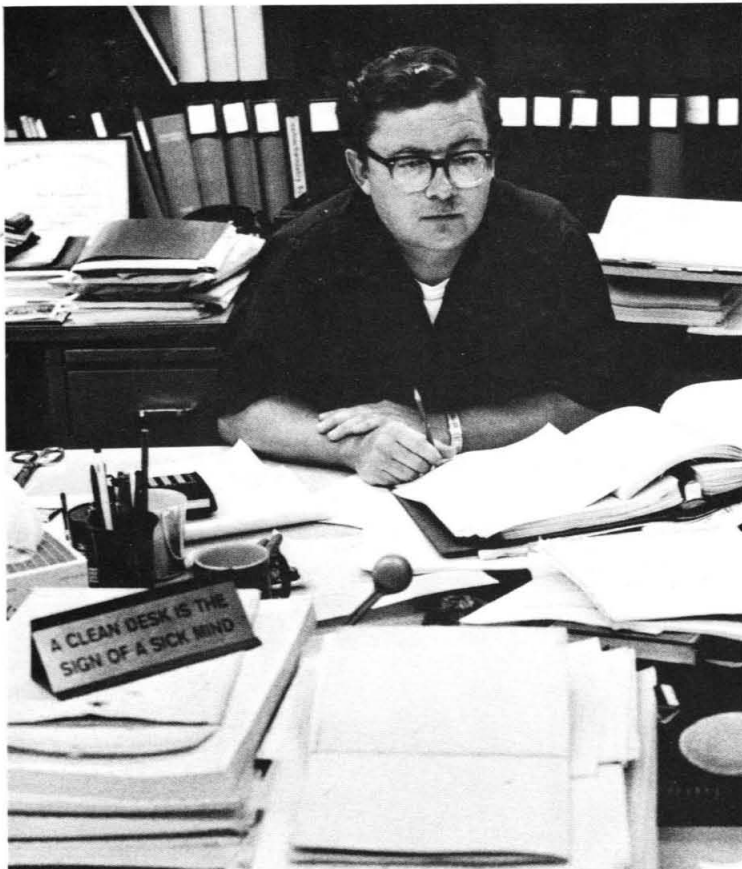
Clarence Allen, Geology & Geophysics

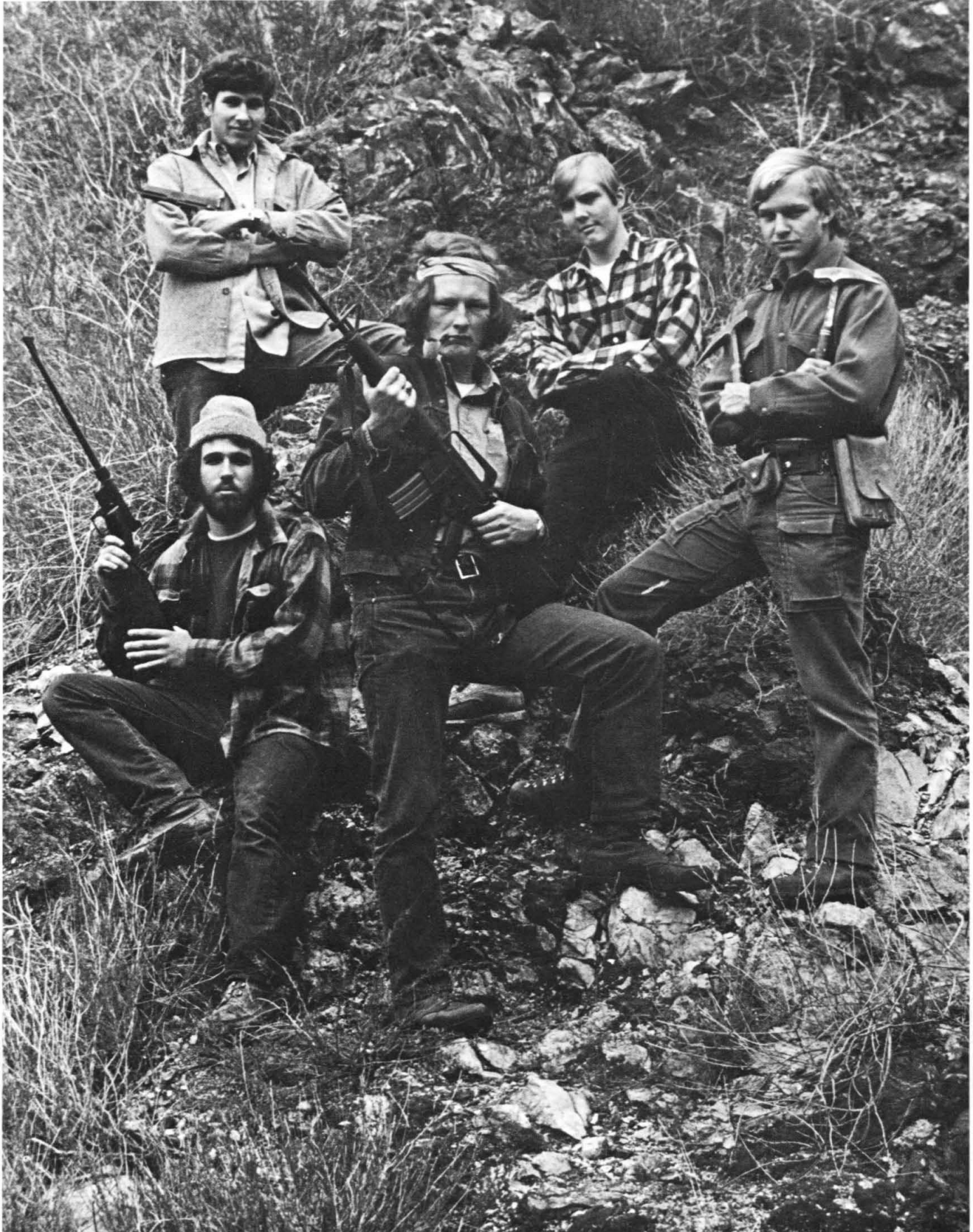
"Has this fault shot its wad?"

Geological and Planetary Sciences

*Don Anderson, Geophysics
Director, Seismological Laboratory*

*Hiroo Kanamori
Geophysics*





Props provided by the Official Campus Riot Committee (OCRC)

*Douglas Stauber
Redding, California
Geophysics*

*Wilmer Rivers
Alexandria, Virginia
Geophysics*

*Rob Olshan
Sepulveda, California
Geology*

*John C. Smith
Brewster, New York
Geophysics*

*Robert M. Kieckhefer
Barrington, Illinois
Geophysics*

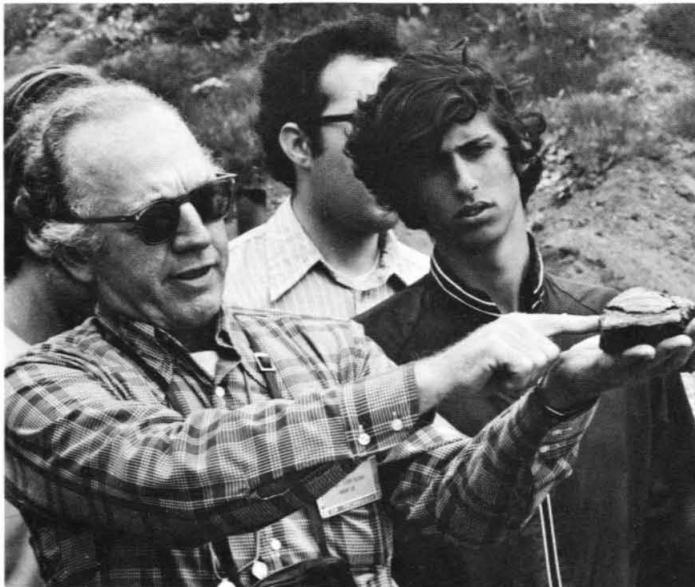


*George Rossman
Mineralogy & Chemistry*

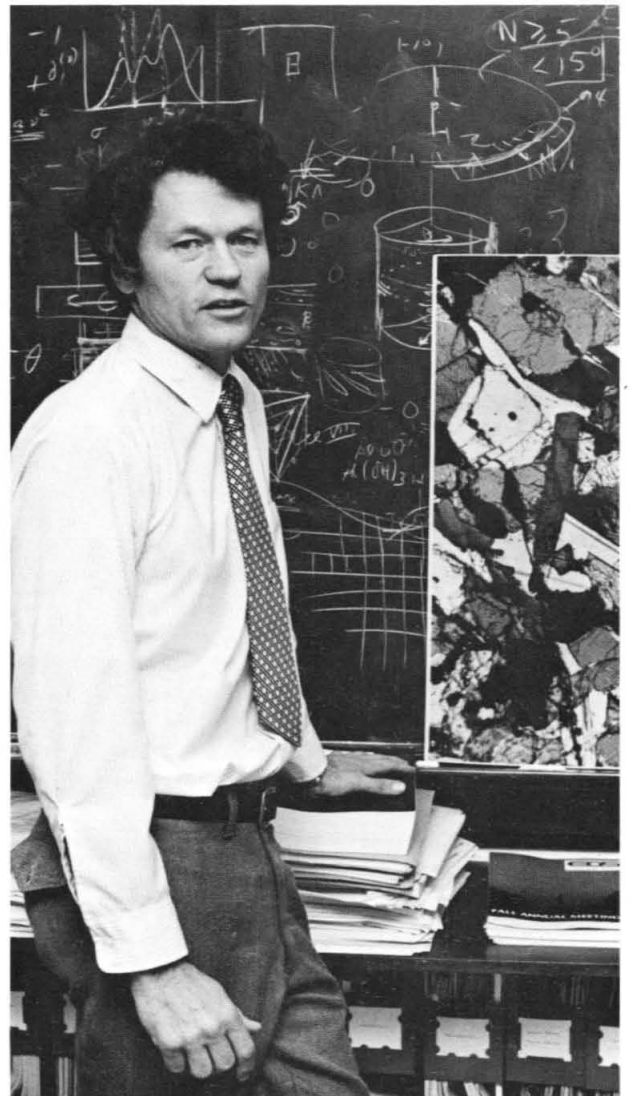


*Bruce Murray
Planetary Science*

*Barclay Kamb, Geology & Geophysics
Chairman, Division of Geological & Planetary Sciences*

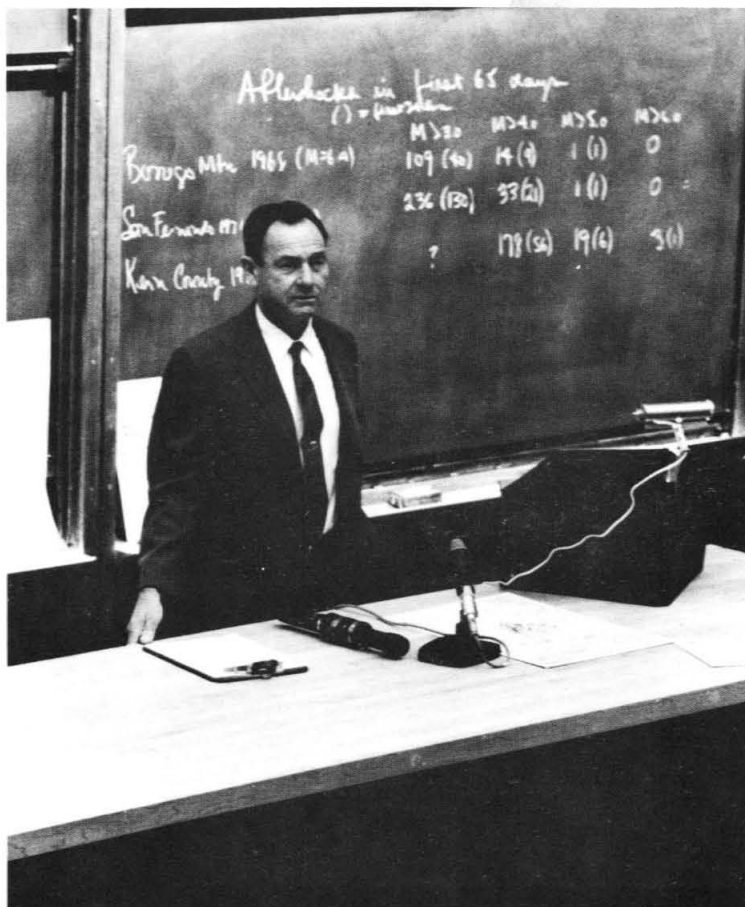


*Lee Silver, Geology
"If I've told you once, I've told you fourteen times — we're
going to Mexico as tourists."*



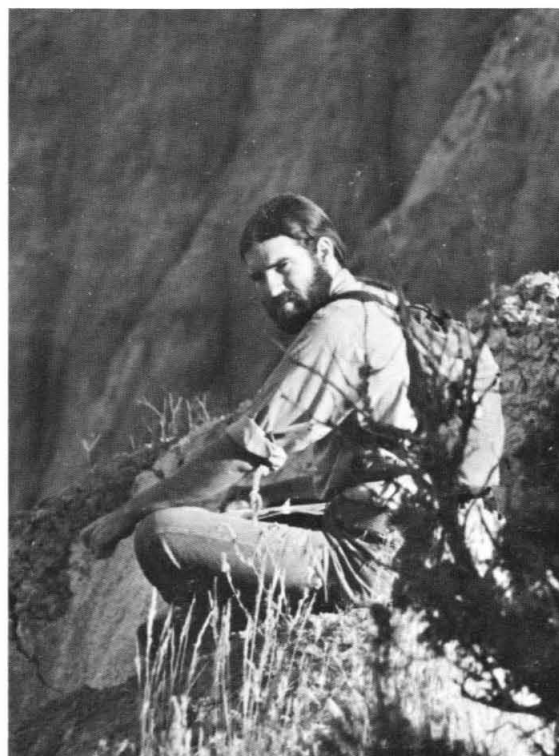


James G. Ogg
Fort Collins, Colorado
Geology



Bob Sharp, Geology

Arden Albee, Geology
"Amphiboles are the garbage bucket of the universe."



Tom Farr
Hawthorne, California
Geology



Oscar Mandel, English

"But then he was reduced to a husband..."

Humanities and Social Sciences



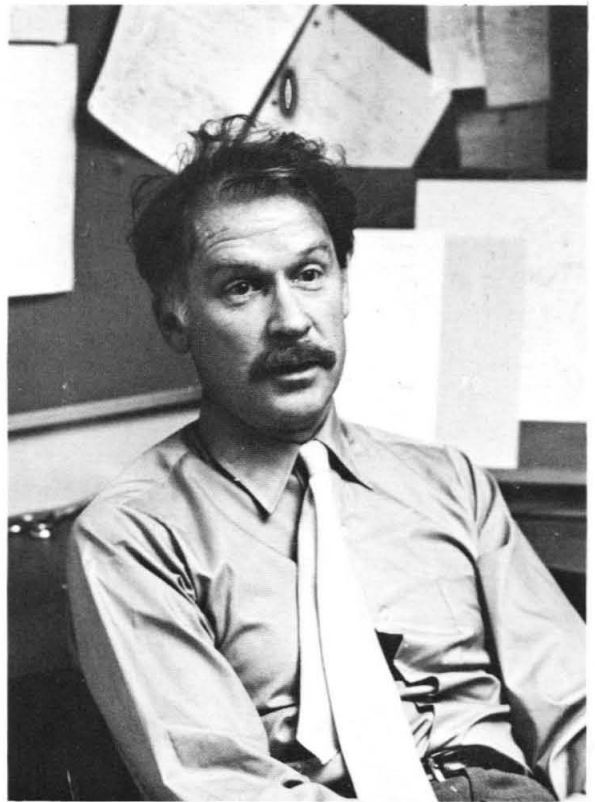
*Peter W. Beckman
Stockton, California
Economics*



*Kim Border
Sunnymead, California
Economics*



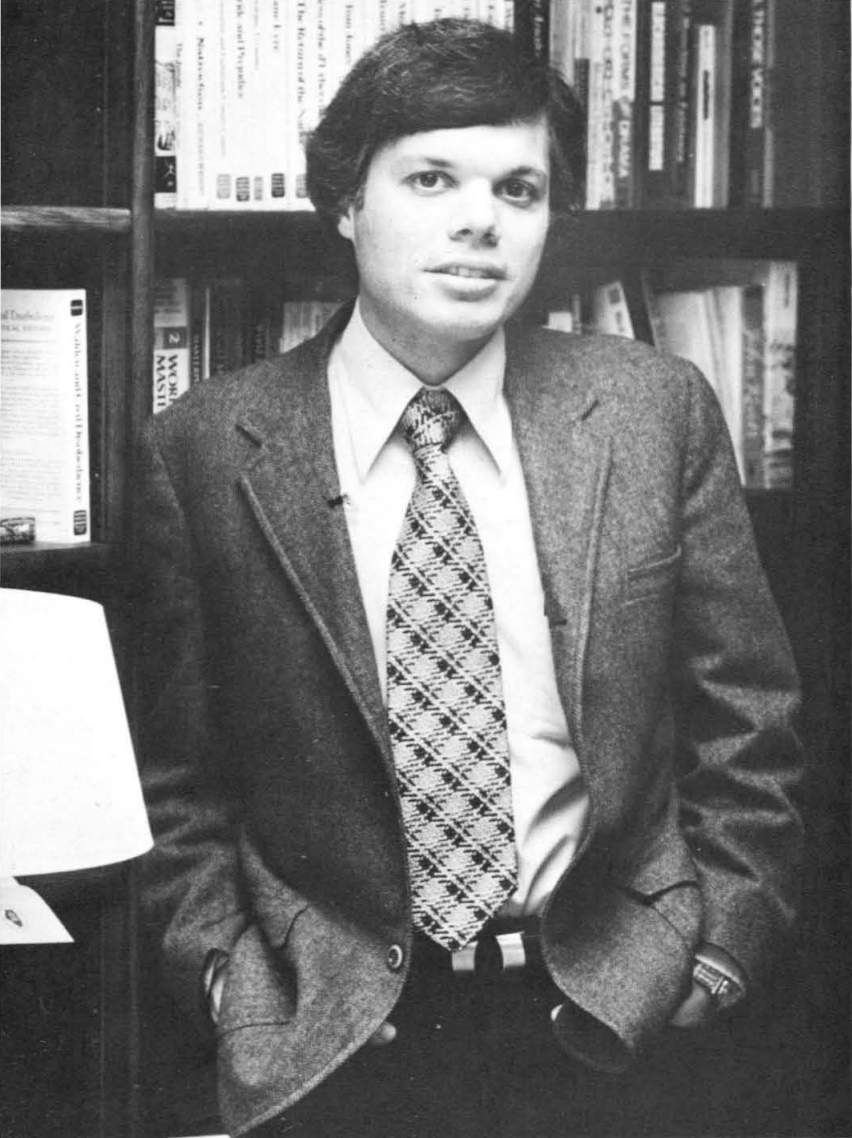
Mary Eichbauer
Floral Park, New York
English



Peter Fay
History

Thayer Scudder
Anthropology





*Stuart Ende
English*



*Bryan C. Jack
Tyler, Texas
Economics*

*Robert A. Huttenback
Chairman of the Division of Humanities and Social Sciences*





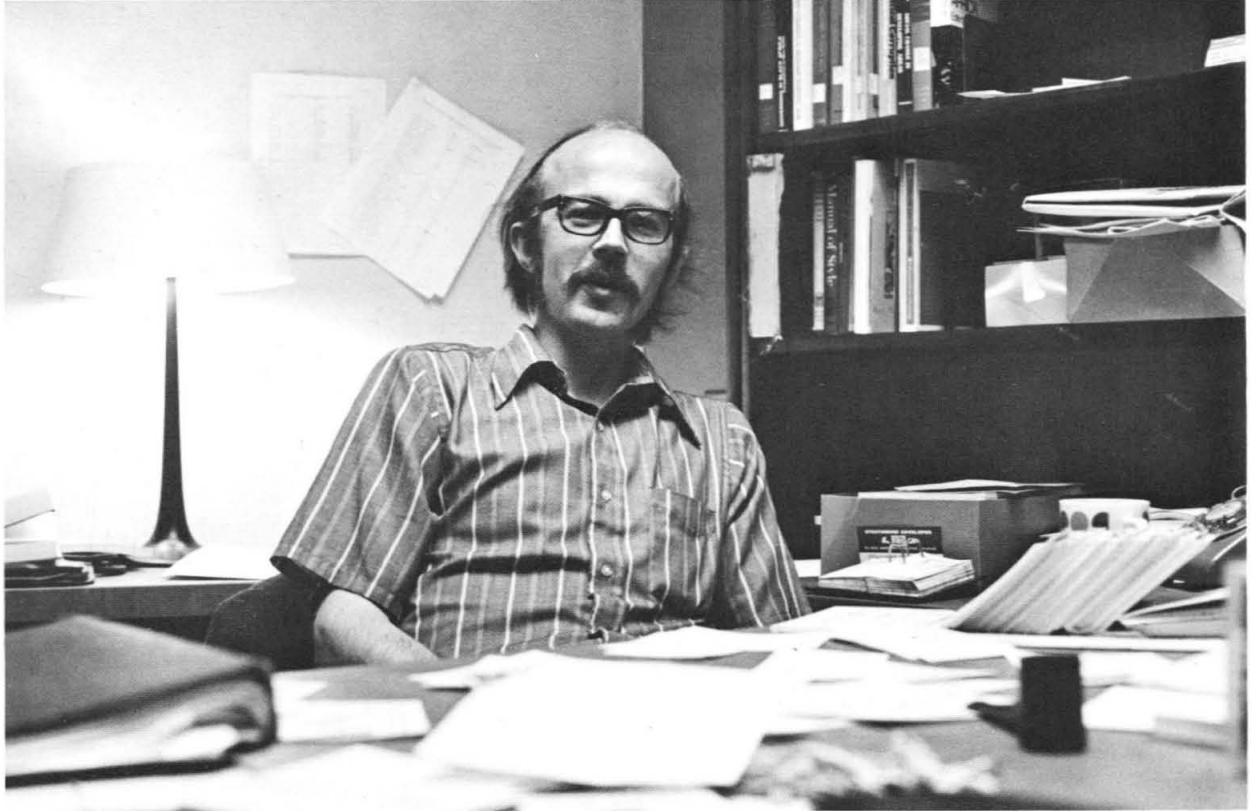
*Ned Munger
Geography*



*Bruce Ryan Tasker
San Bernardino, California
English*

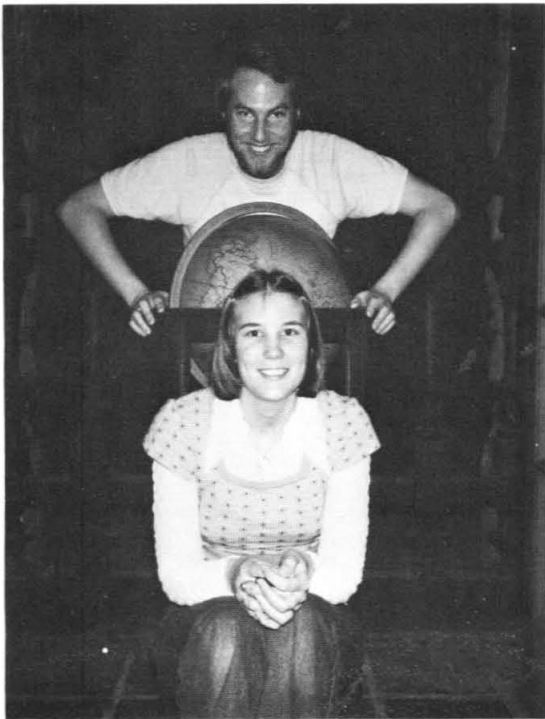


*Celia P. Rivera
Compton, California
English*

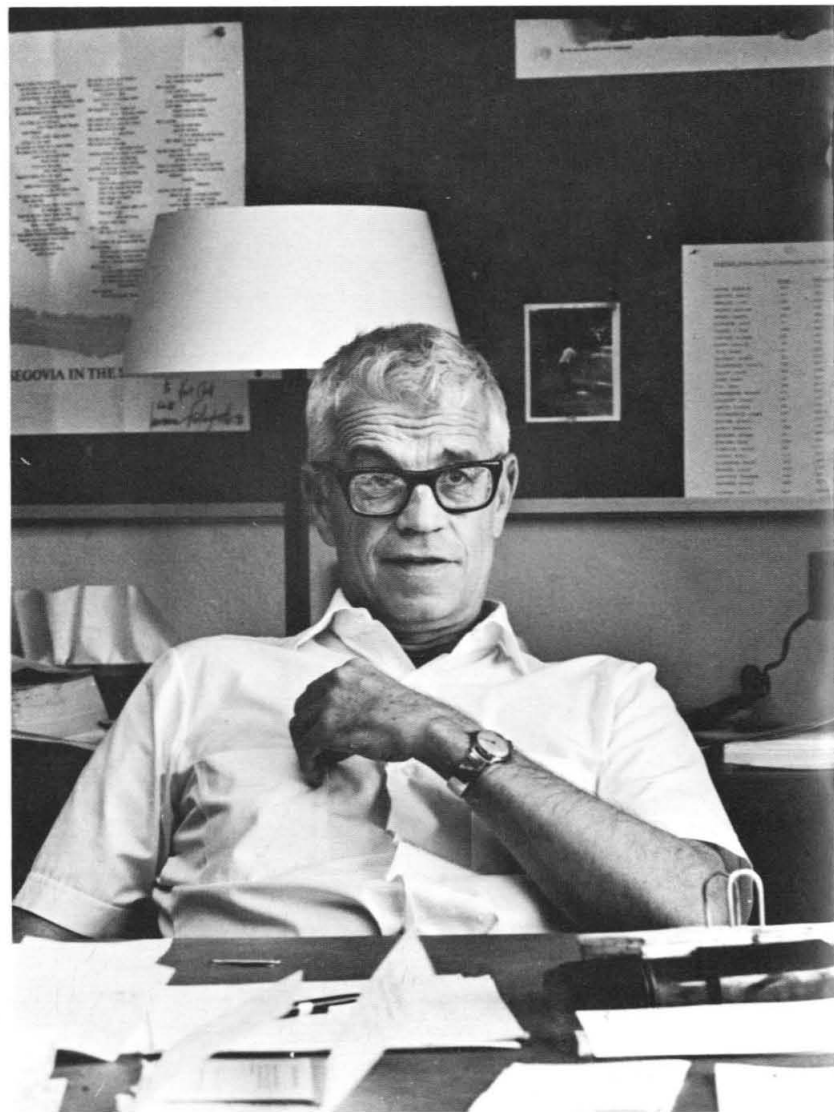


*Robert Bates
Political Science*

*J. Kent Clark
English*



*Lee Weigle Vibber
Downey, California
English*





*Alan Sweezy
Economics*

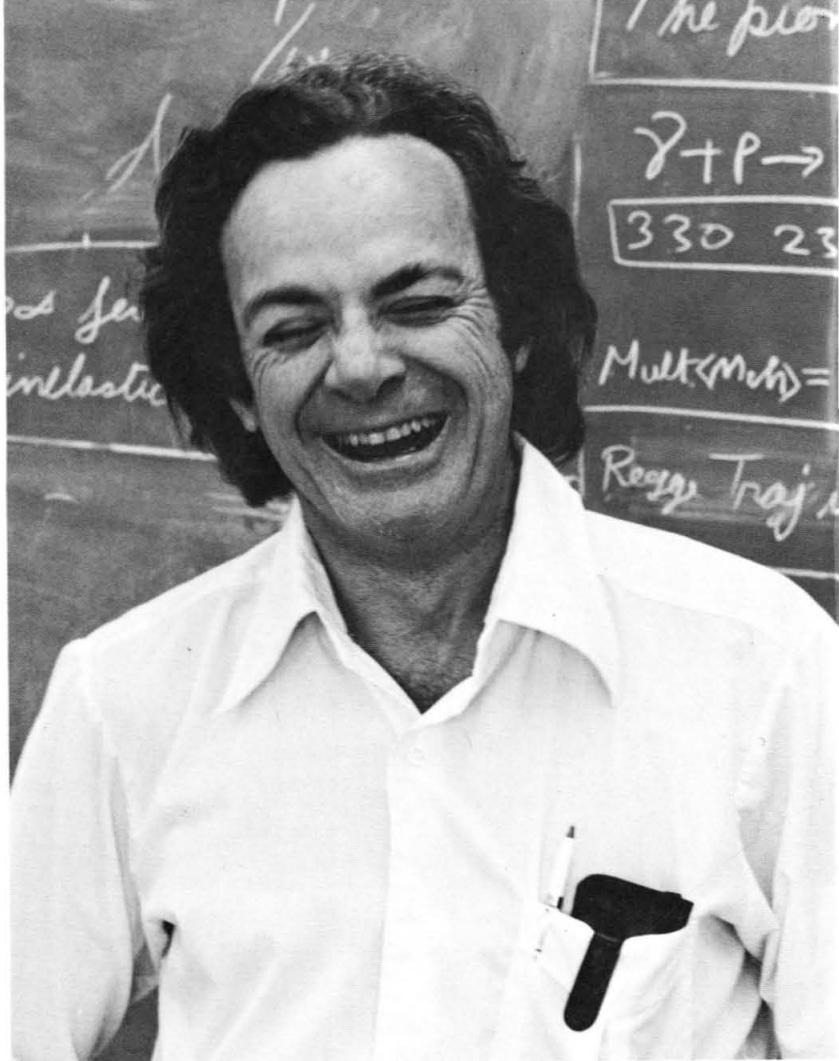


*Bob Oliver
Economics*

*Jenijoy LaBelle, English
"I think Shelley discovered relativity.
Einstein júst sort of caught up with him."*

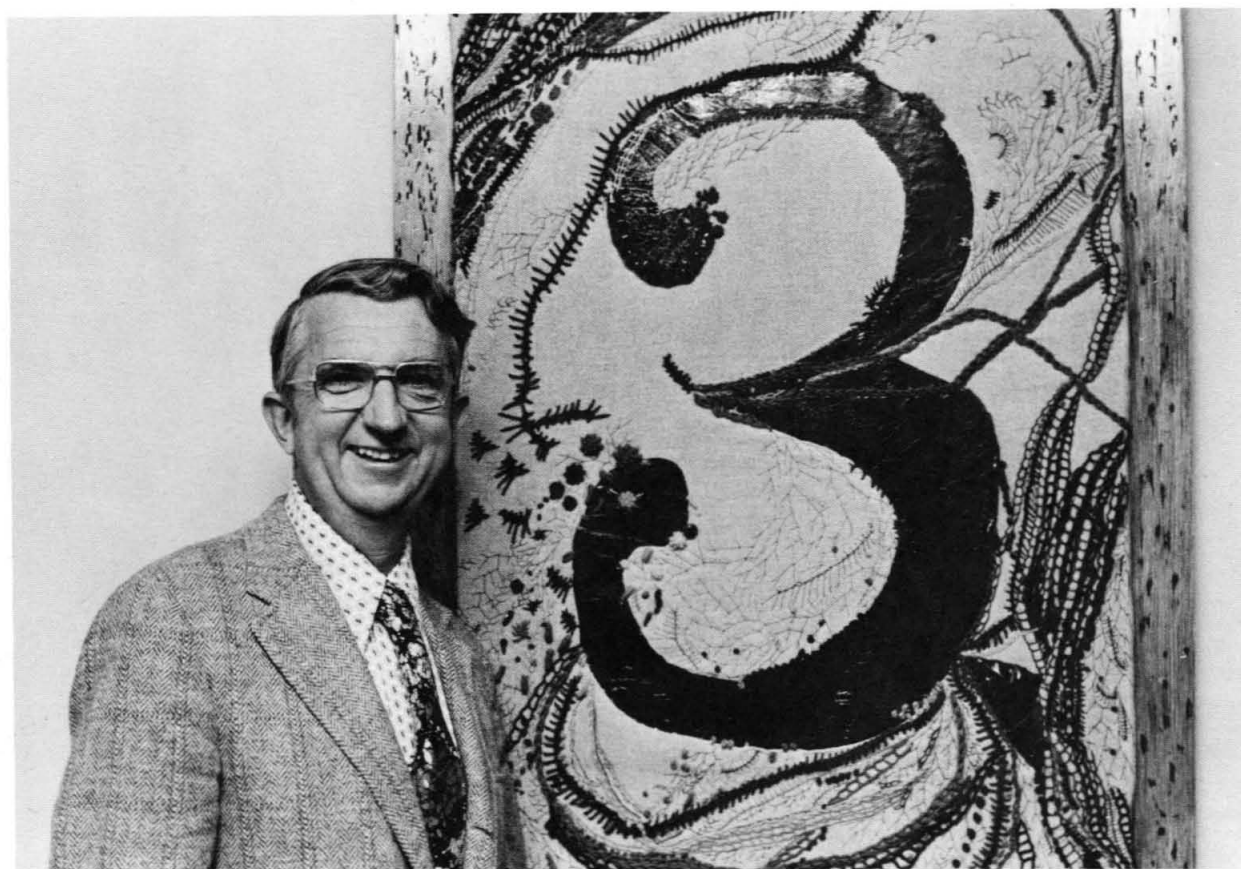


Physics, Mathematics and Astronomy



Richard Feynman, Physics
"You're a hell of a long way from the pituitary, man."

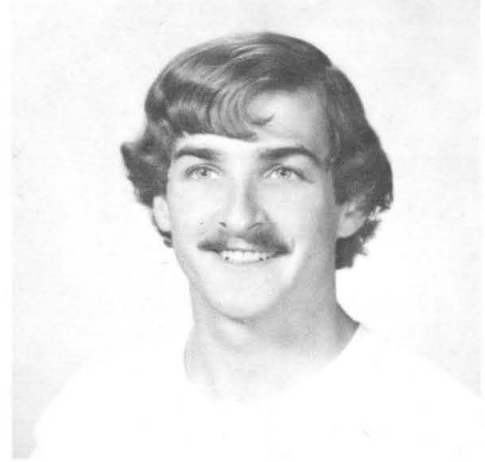
Richard Dean
Mathematics





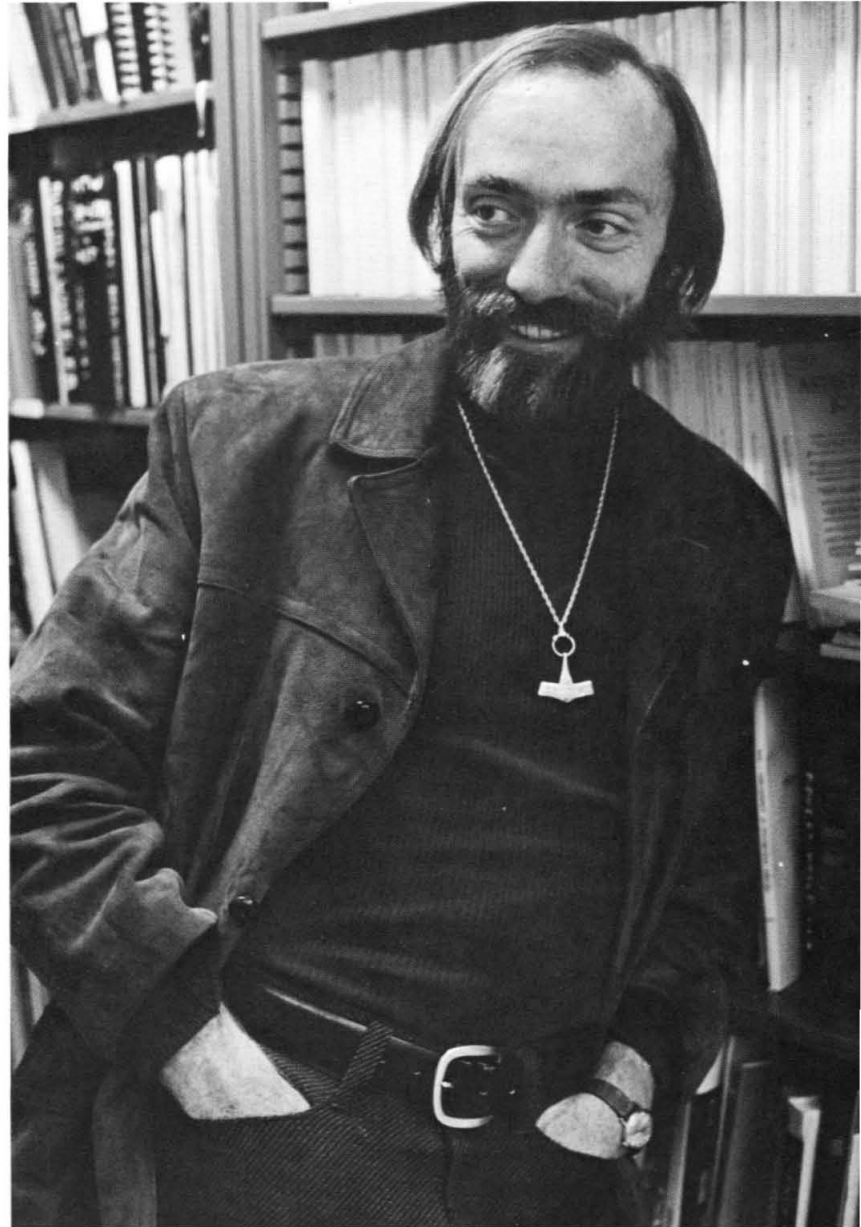
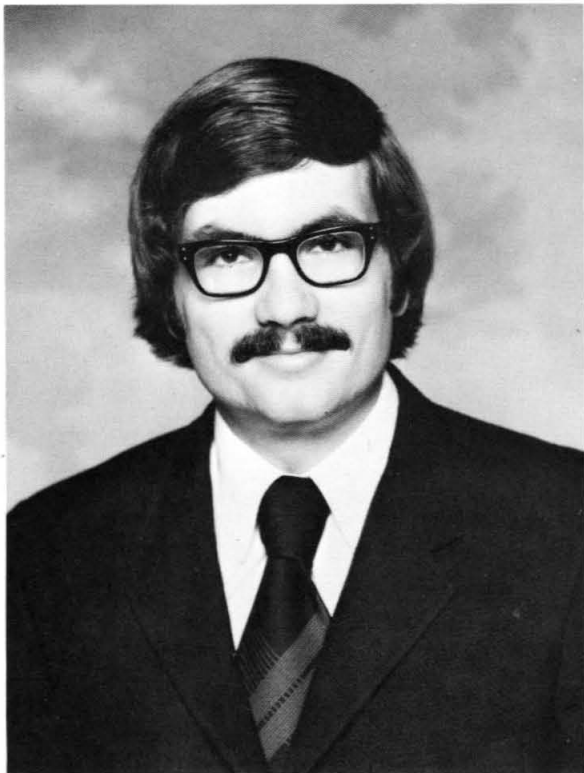
*John S. Abbott
Littleton, Colorado
Mathematics*

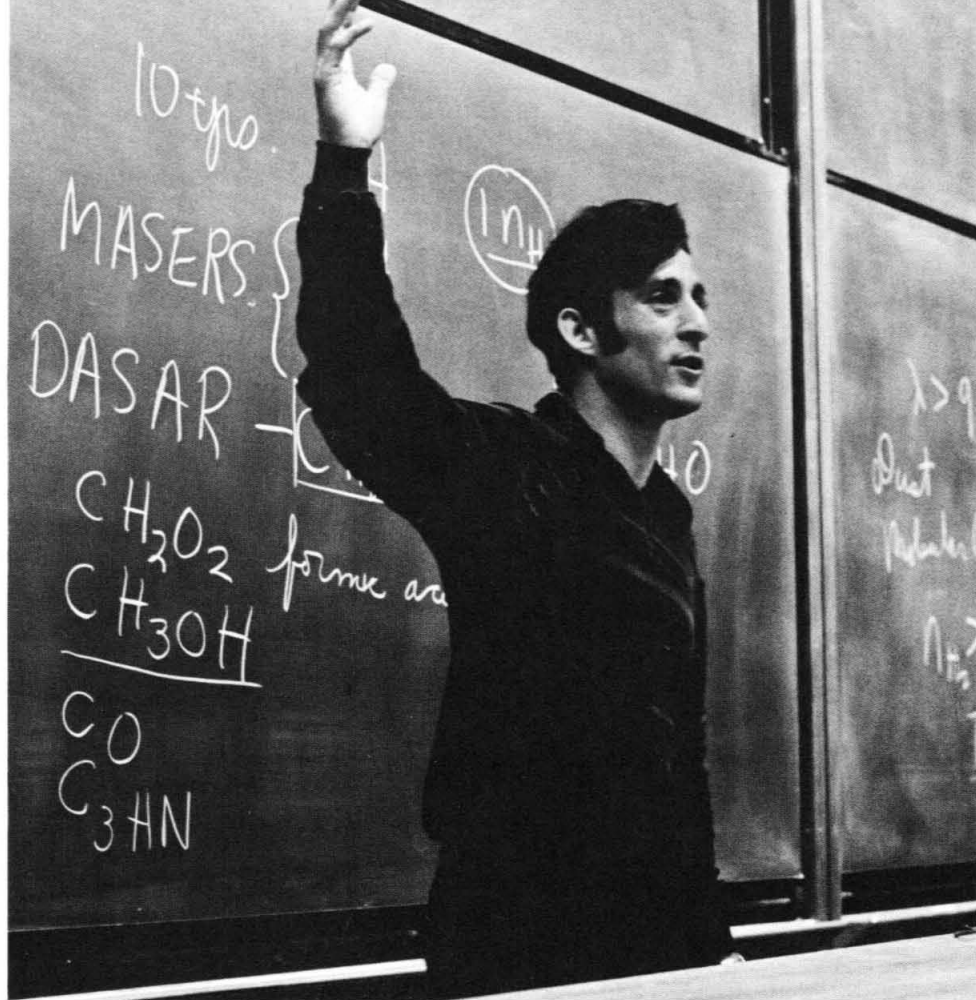
*Jim Battey
Los Altos, California
Independent Studies Program*



*Kip Thorne
Physics*

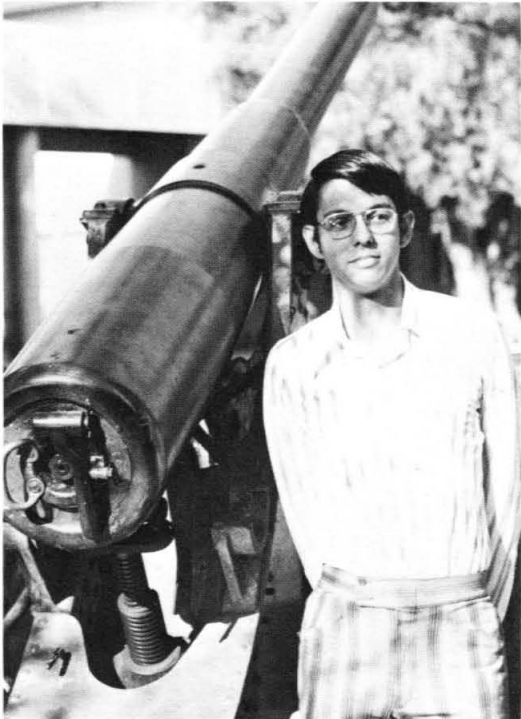
*John A. R. Caldwell
Astronomy*



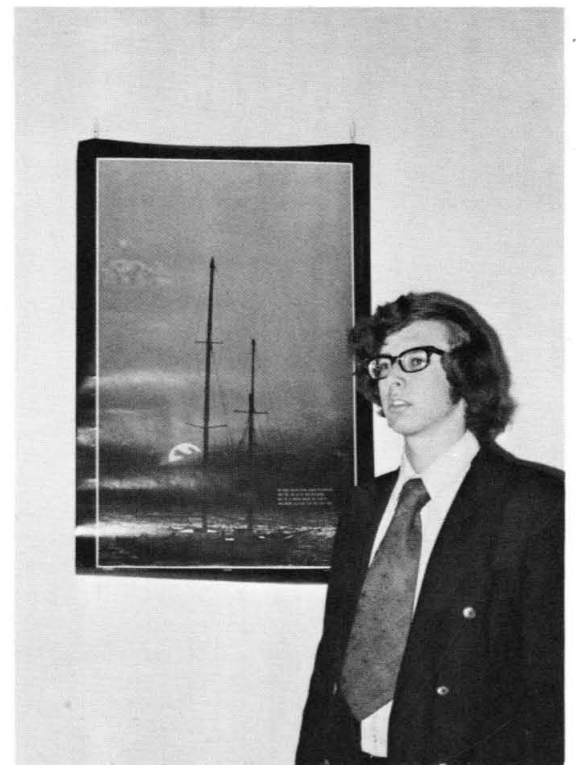


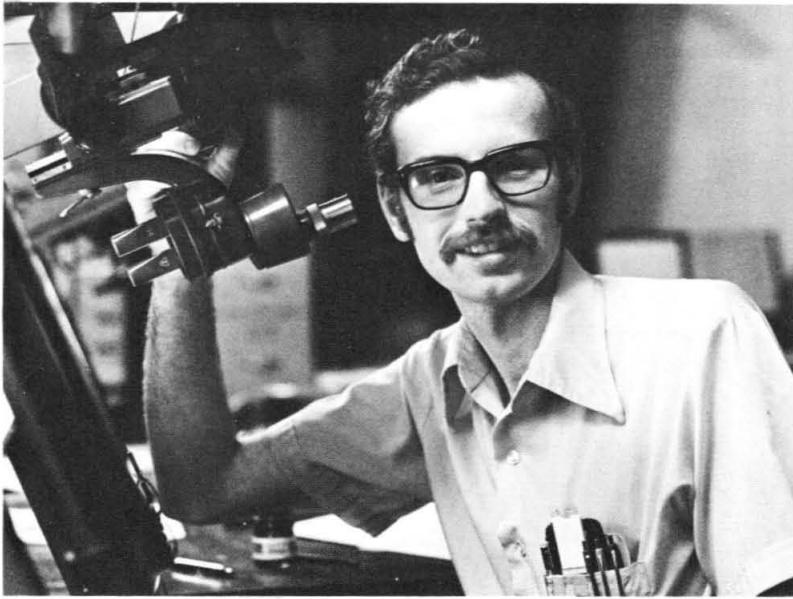
*Peter Goldreich
Planetary Science and Astronomy*

*Robert J. Chansler, Jr.
San Jose, California
Mathematics*

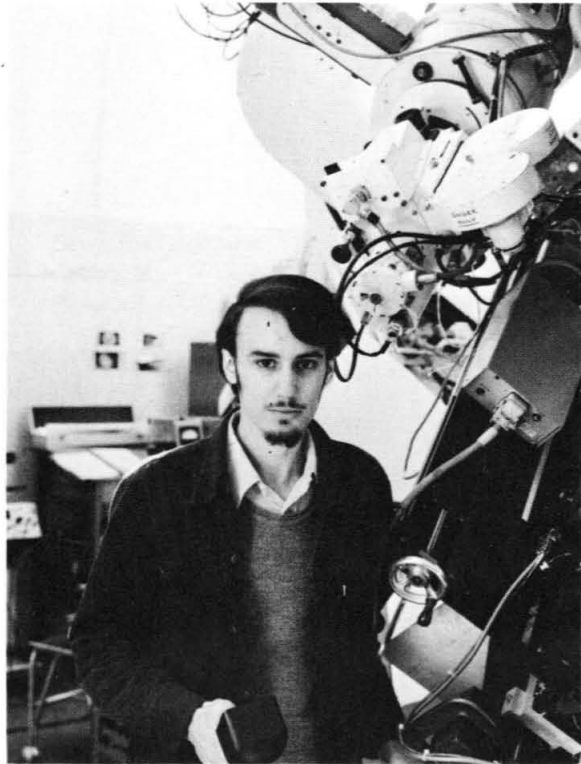


*Robert B. Fisher III
Stockton, California
Mathematics*





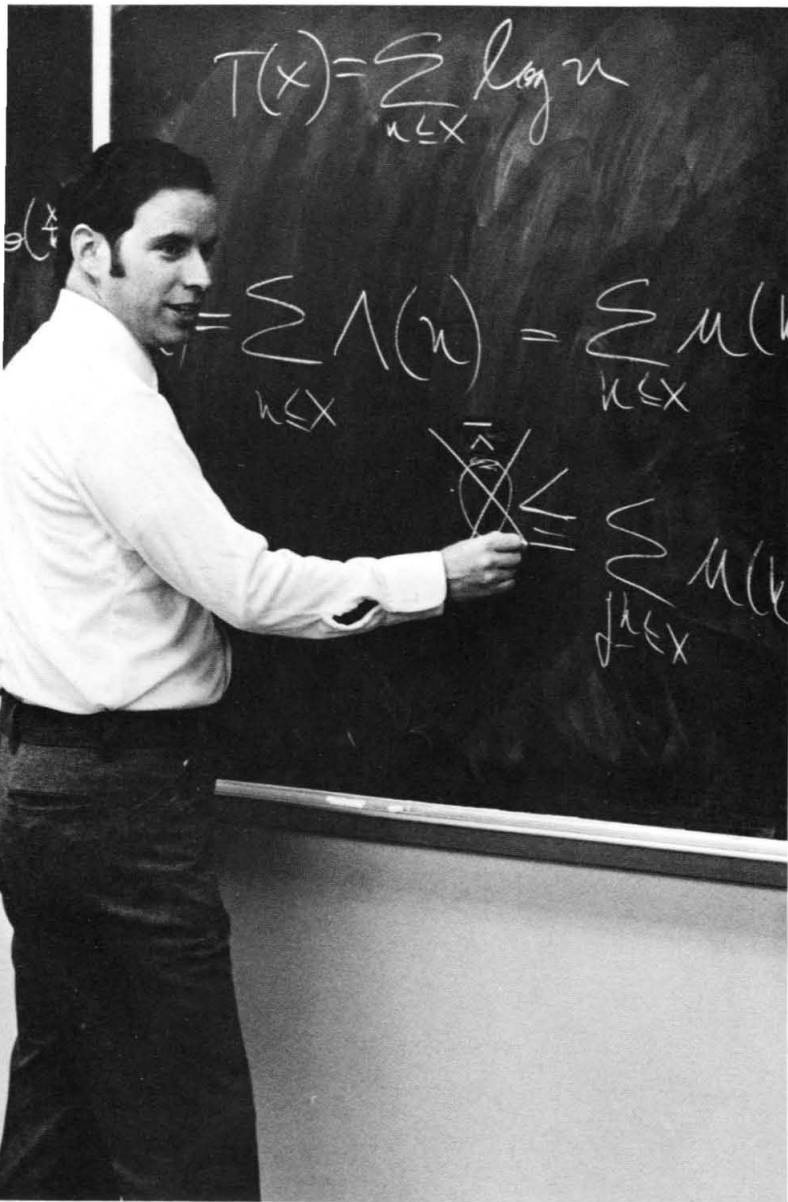
*Howard B. French
Plainview, New York
Astronomy*



*David Langdon Glackin
St. Petersburg Beach, Florida
Astronomy*

*David Wood, Materials Science
Associate Dean of Students
"I couldn't tell one end of a golf ball from the other."*



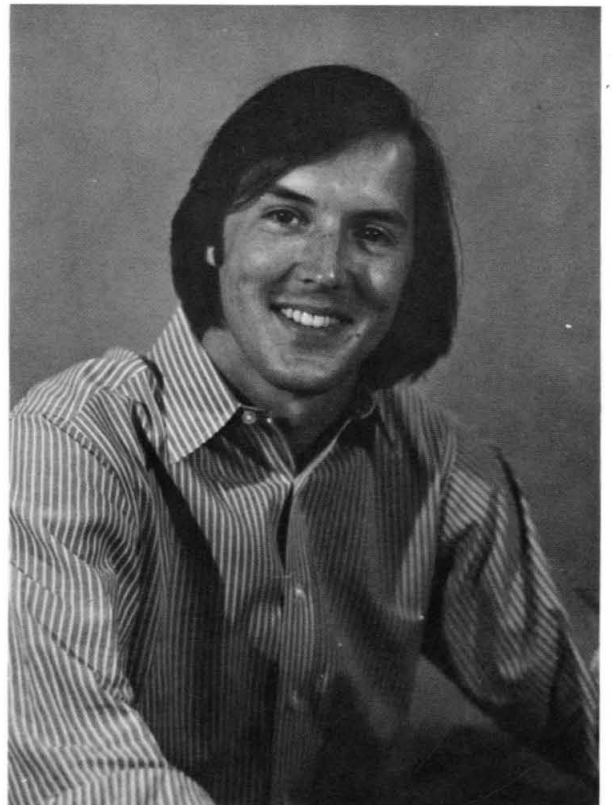


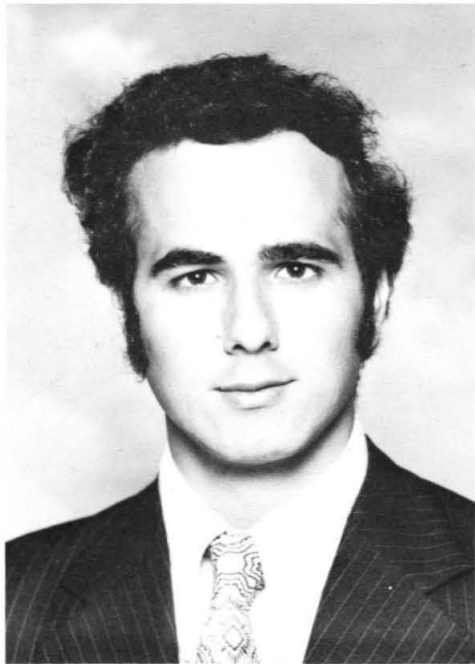
Gary Lorden, Mathematics
"I have no ideas, only concepts."



Eric Gustafson
 Sacramento, California
 Physics

Mark Richard Johnson
 Potomac, Maryland
 Mathematics



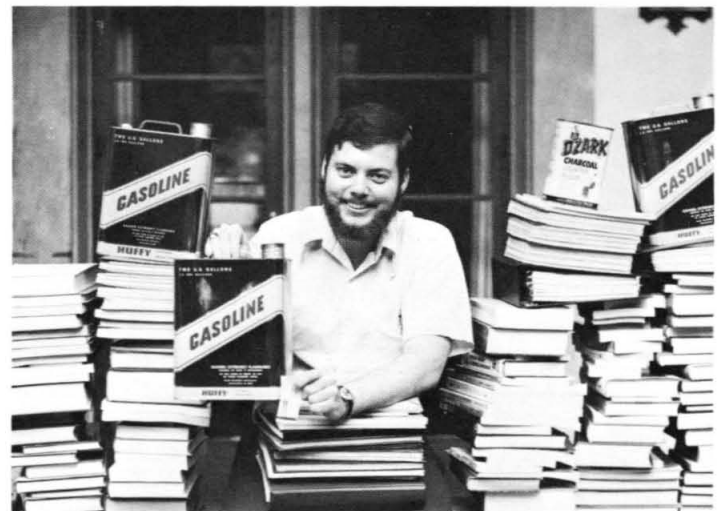


*Ioannis N. Kessides
Prohoma, Thessaloniki
Greece
Physics*

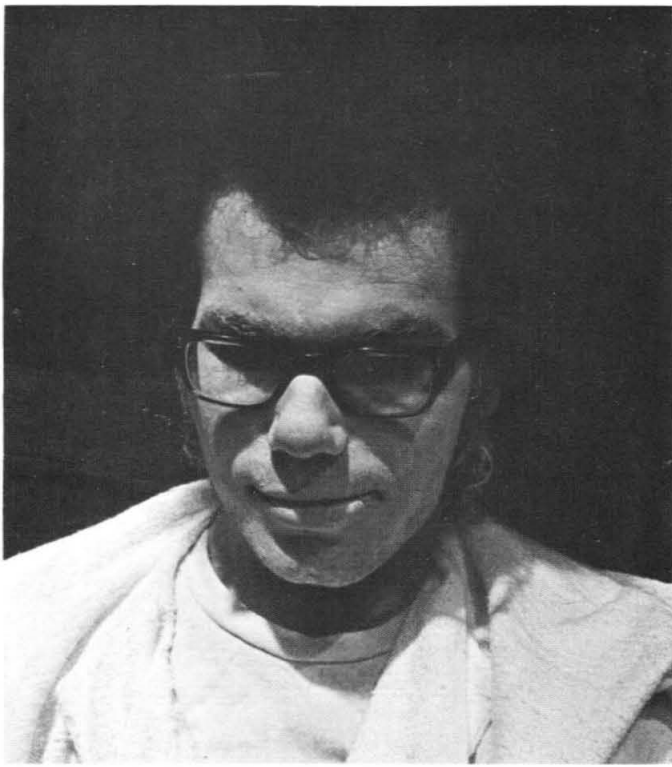


*Charlie Peck, Physics
"Instead of using 10^{24} coordinates, we can use only three.
Well, six."*

*Betty Puifun Kwan
Los Angeles, California
Physics*

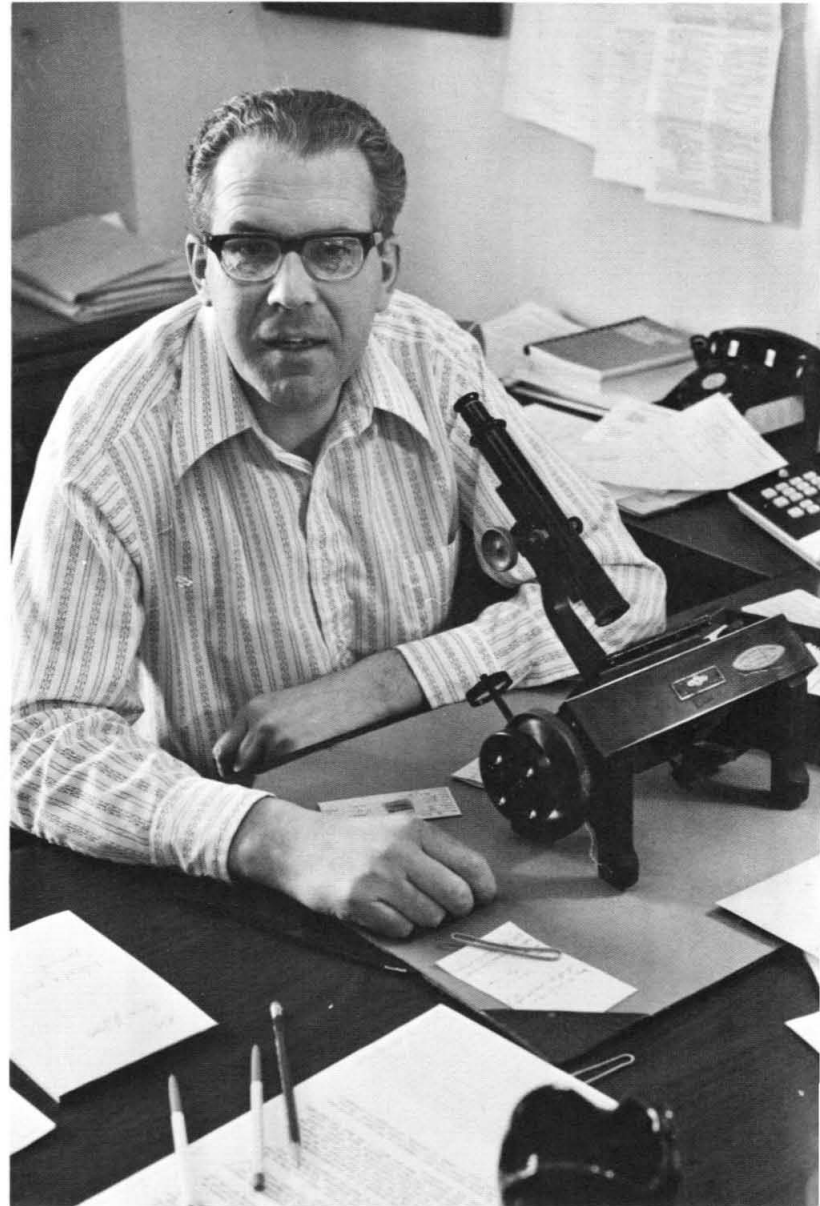
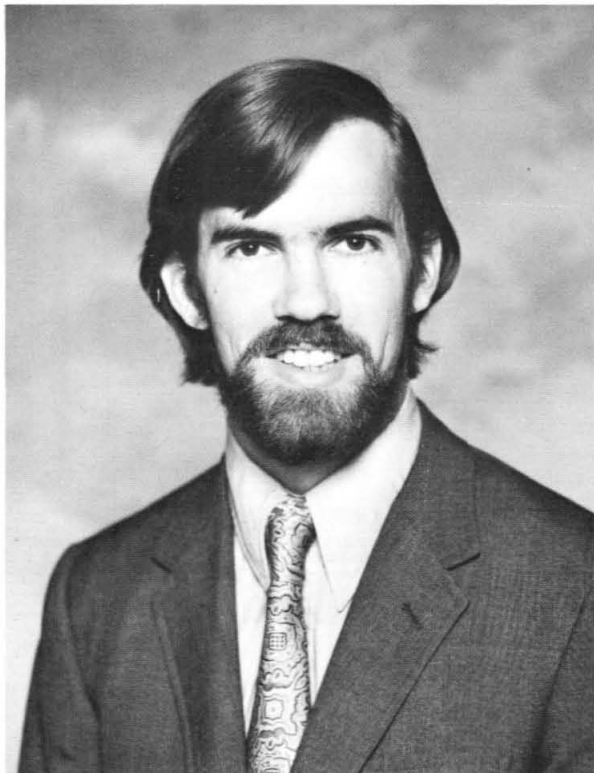


*Lawrence S. Lichtmann
Sepulveda, California
Physics/English*



*Phil Massey
Boca Raton, Florida
Astronomy*

*Steven A. Matthews
Carmichael, California
Mathematics*

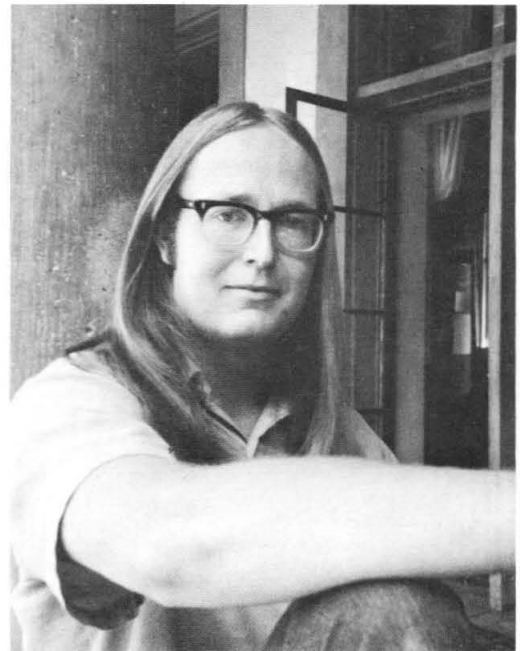
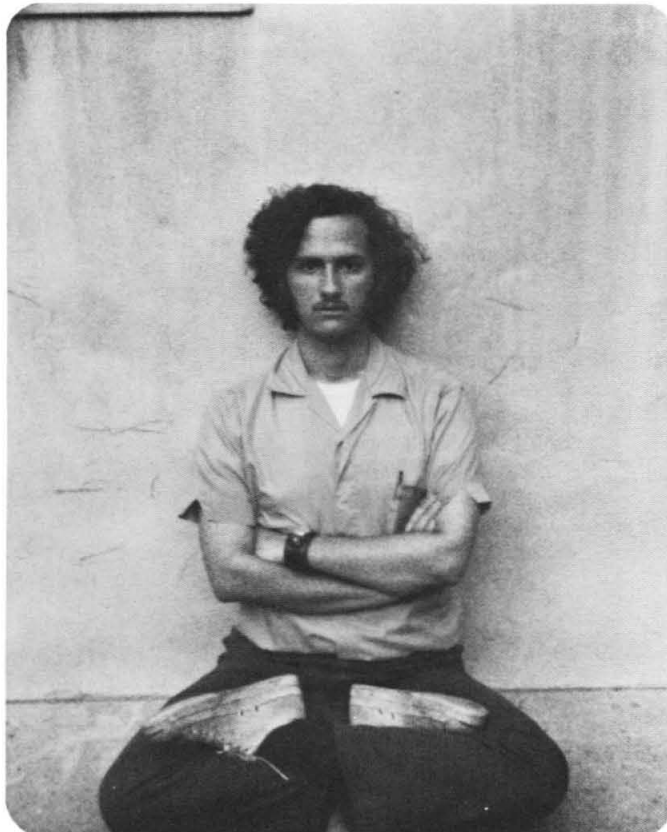


*Maarten Schmidt
Executive Officer for Astronomy*



*James Gunn
Astronomy*

*Douglas B. McElroy
Palos Verdes, California
Astronomy*



*Patrick J. McCrea
San Leandro, California
Physics*

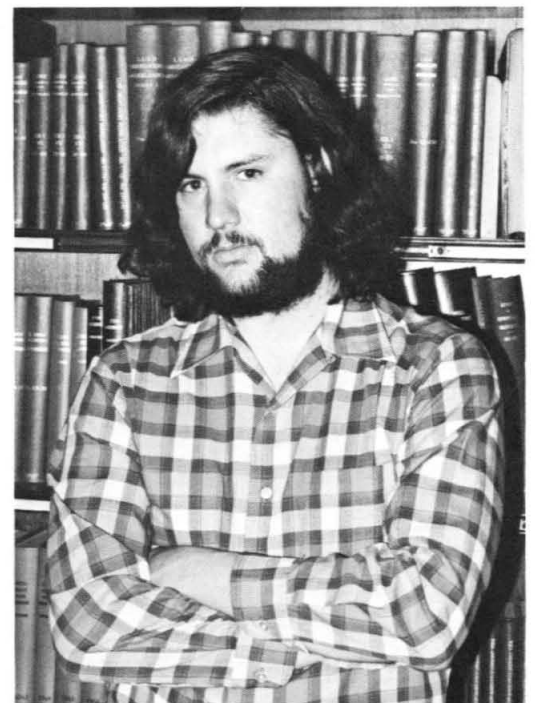


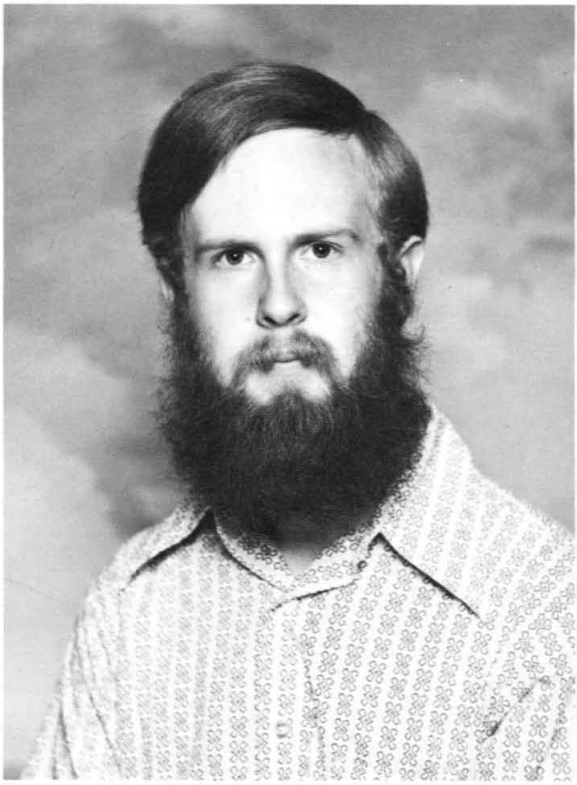
*Henri Bohnenblust
Mathematics*

*Marion Louise Movius
Porterville, California
Mathematics*



*John A. Morgan
Downey, California
Physics*



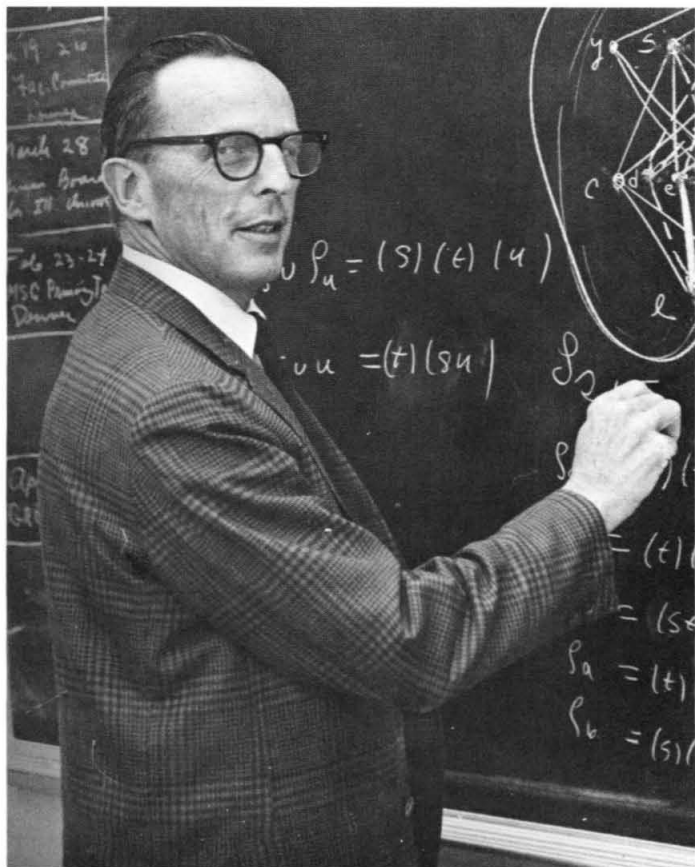


*Patrick Lee Nolan
Grass Valley, California
Physics*

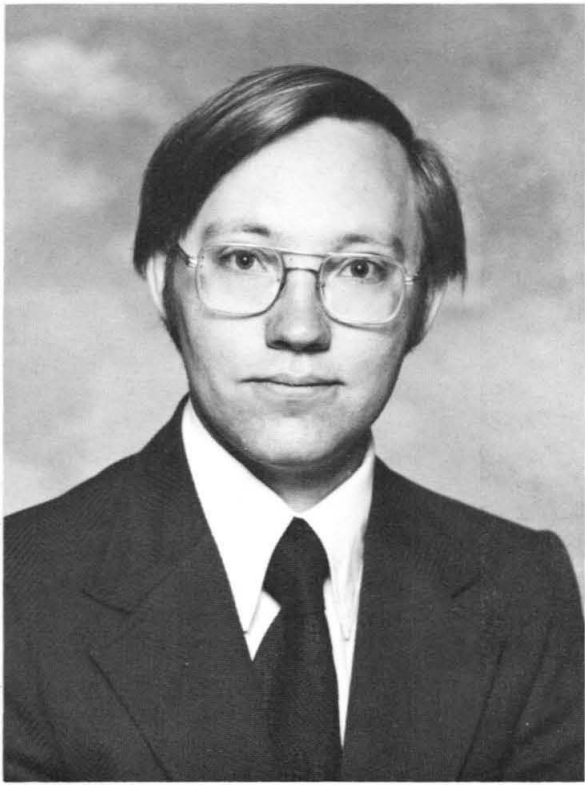


*John Odden
Ann Arbor, Michigan
Mathematics*

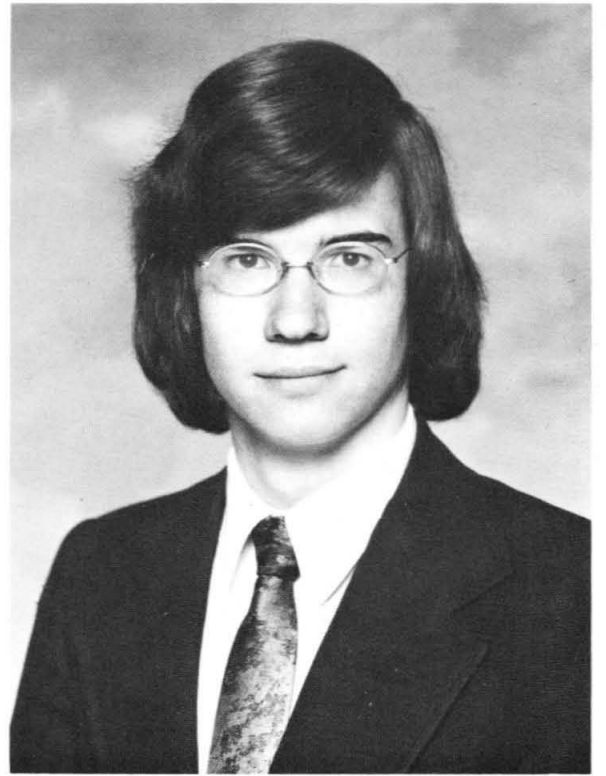
*Robert Dilworth
Mathematics*



*Daniel Packman
Los Angeles, California
Astronomy*

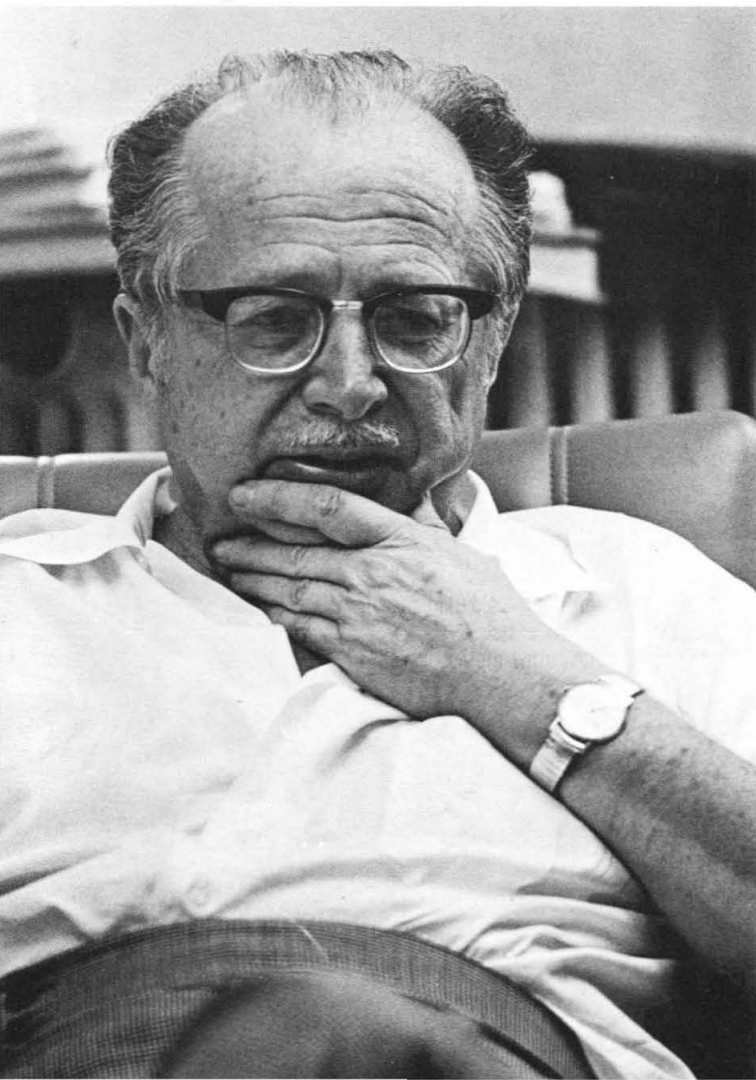


*Darrell Peterson
Chico, California
Physics*

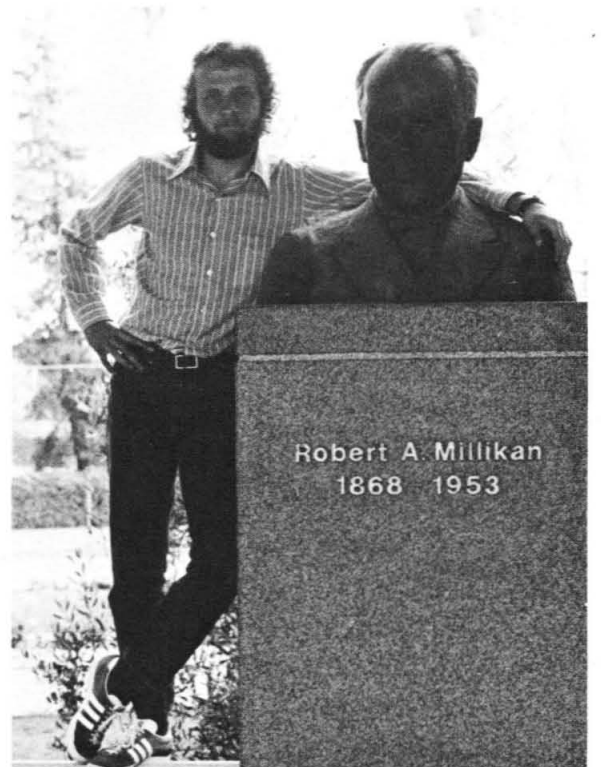


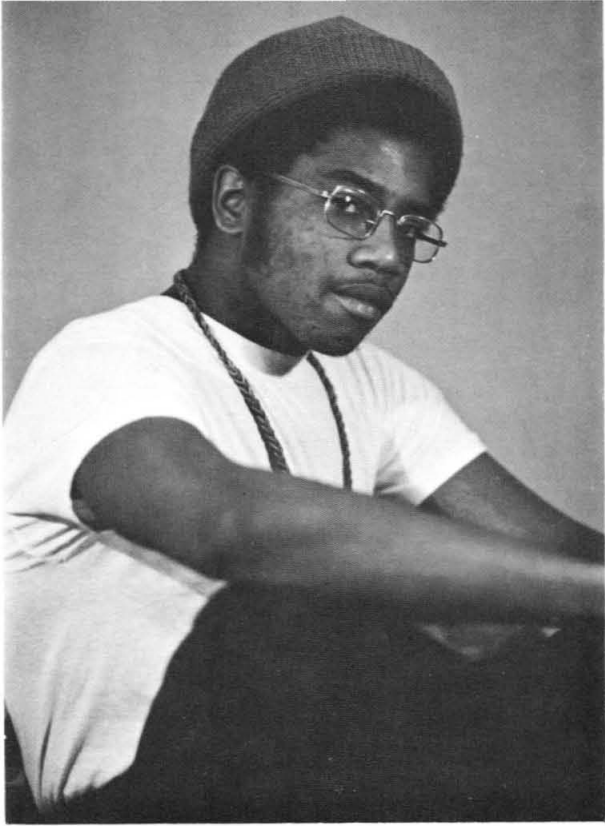
*Mark Keith Puryear
Denver, Colorado
Mathematics*

*Jesse Greenstein
Astrophysics*

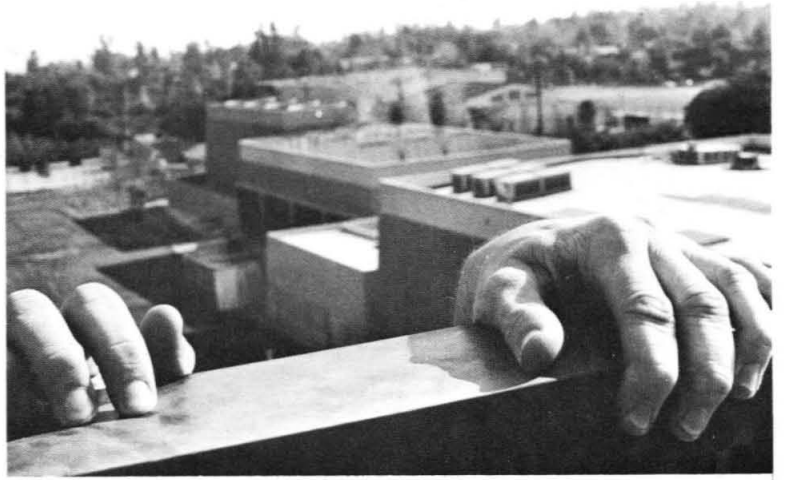


*Steve Schnetzer
Lawrenceburg, Indiana
Physics*





*Virgil B. Shields
Carson, California
Physics*

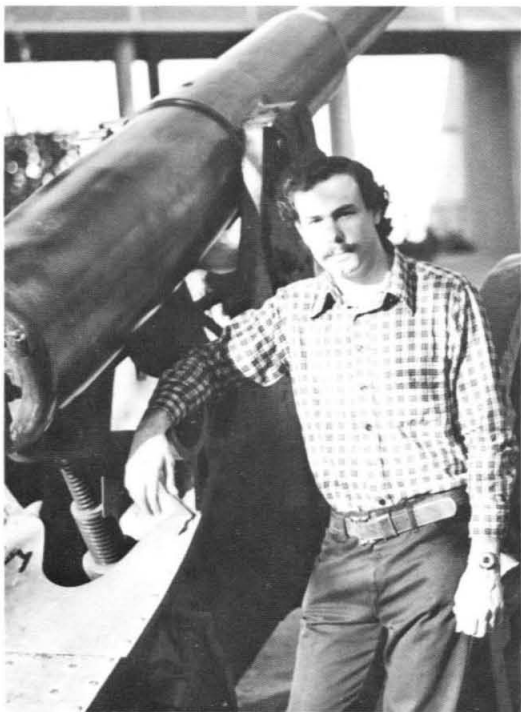


*Bob Standley
Lake Forest, Illinois
Physics*

*Patricia Ellen Tressel
Torrance, California
Physics*



*Marshall Hall, Jr.
Mathematics*



*Thomas V. Weaver
New Orleans, Louisiana
Mathematics*

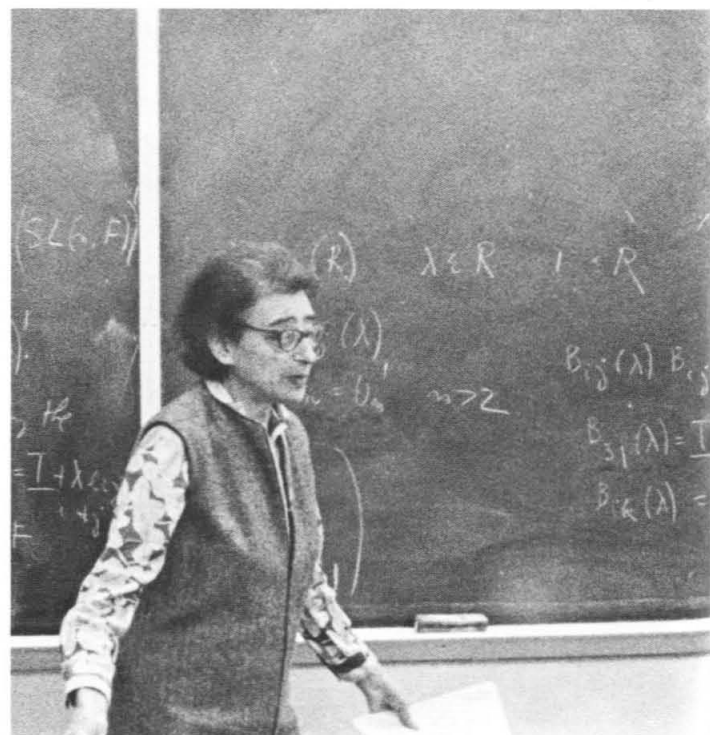


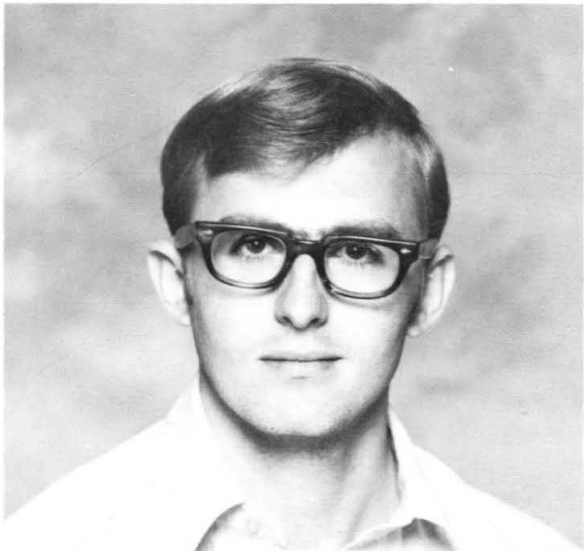
*John Oke
Astronomy*

*Brian S. Yandell
Orinda, California
Mathematics*



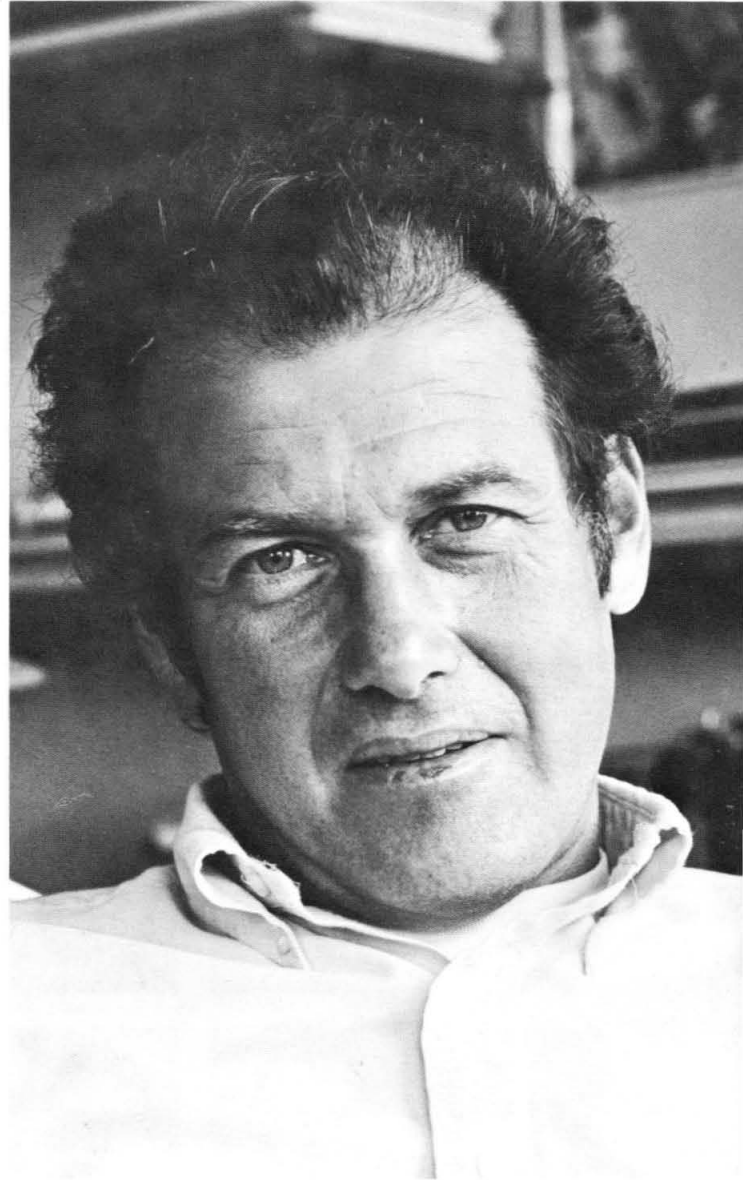
*Olga Todd
Mathematics*



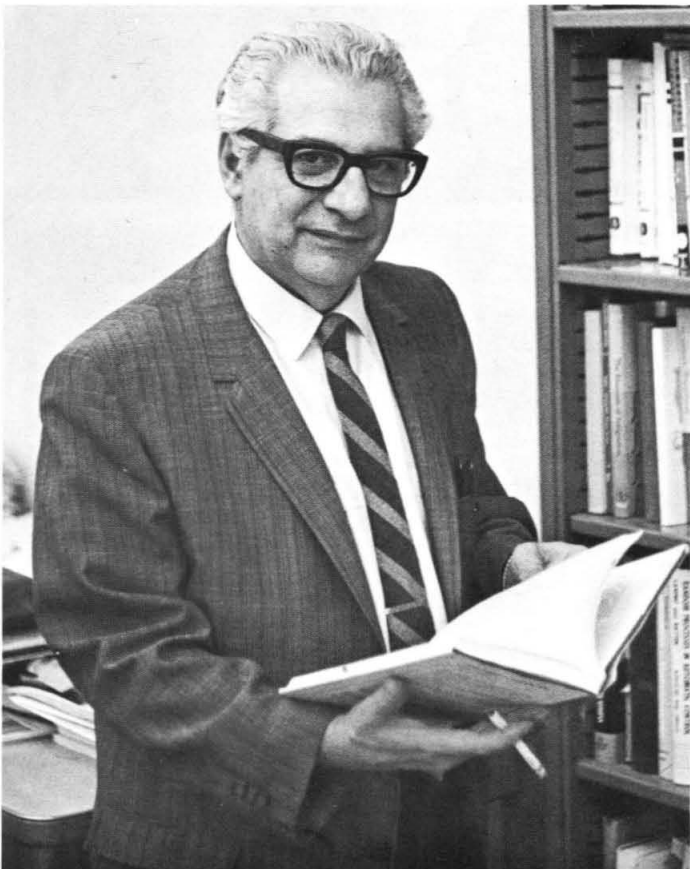


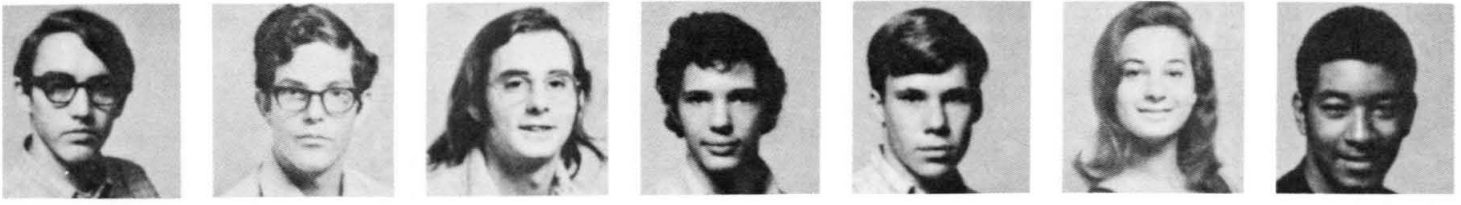
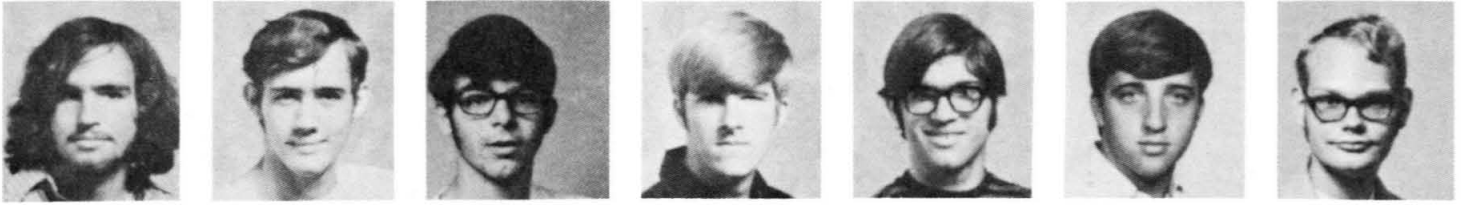
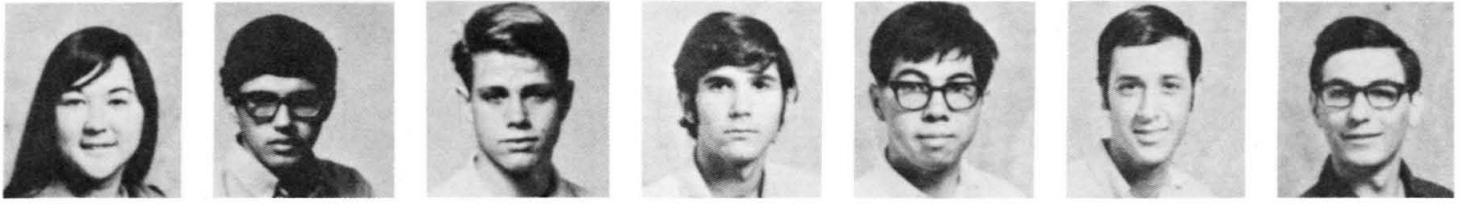
*John Gregory Zima
Phoenix, Arizona
Physics*

*Charles De Prima
Mathematics*

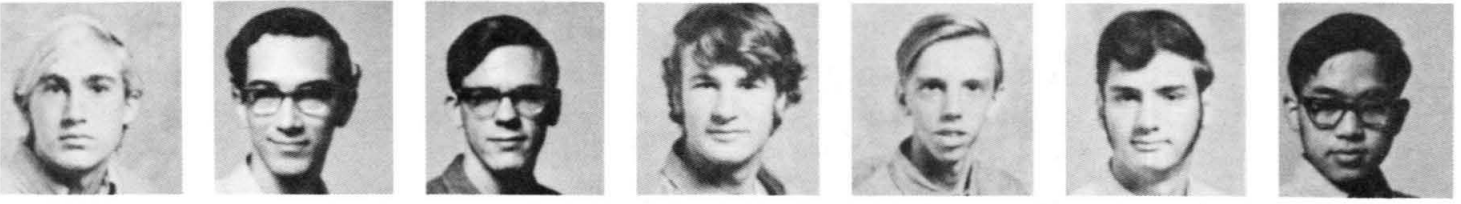
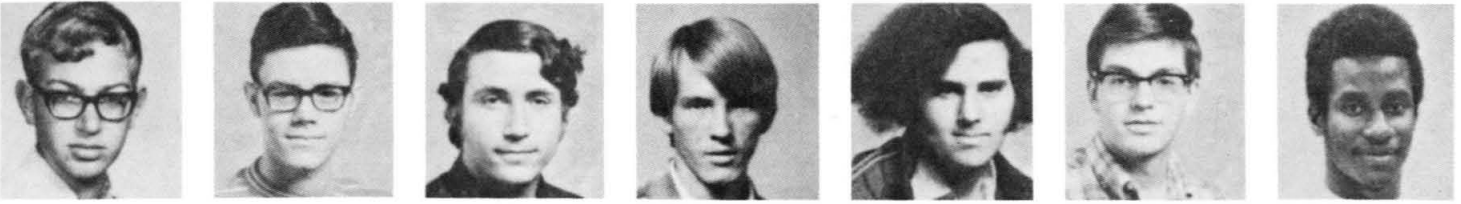


*Jerome Pine
Physics*





Seniors Not Pictured



Ervin Adler
Los Angeles, California
Engineering and Applied Science

Phyllis Jean Anwyl
Huntington Beach, California
Biology

Phillip John Arnold
Downey, California
Engineering and Applied Science

Ronald Frederick Ayres
Los Angeles, California
Mathematics

Thomas W. Bell
San Gabriel, California
Chemistry

Trudy Lynn Bergen
Valencia, California
Mathematics

Neil Scott Berkey
Cincinnati, Ohio
Geology

Dale Eric Bredesen
Fort Lauderdale, Florida
Biology/English

Robert Bruce Brewington
Seabrook, Texas
Chemistry

Clifford Lawrence Brown
Skokie, Illinois
Chemical Engineering

Mark Adrian Bruni
Salinas, California
Applied Mathematics

Leslie M. Brusseau
Phoenix, Arizona
Engineering and Applied Science

Barry Arthur Cipra
Overland Park, Kansas
Independent Studies Program

Andrew Fort Cockburn
Cave Creek, Arizona
Biology

Richard Eric Cofield IV
Livermore, California
Applied Physics

Mark Wayne Coles
Yorba Linda, California
Physics

Alan James Coltri
Granada Hills, California
Engineering and Applied Science

Dennis B. Creamer
Tulsa, Oklahoma
Physics

Kirby Grant Dahman
Glendale, Missouri
Mathematics

Dale Brian Dalrymple
Toledo, Ohio
Engineering and Applied Science

Jay D. Doty
Brewster, Washington
Engineering and Applied Science

Mark W. Eltgroth
Tujunga, California
Physics

Louis D. Fielder
Atherton, California
Engineering and Applied Science

Donald Gibson Franks
Little Rock, Arkansas
Mathematics

Rene Charles Gandolfi
Bayside, New York
Biology

Gene Robert Gindi
New Orleans, Louisiana
Applied Physics

Christopher Allan Goldstein
Los Angeles, California
Mathematics

Mark Andrew Grunwald
St. Louis, Missouri
Biology

Jeffrey John Harrow
Houston, Texas
Engineering and Applied Science

Edward Monroe Hedgecock
Pasadena, California
Biology

John G. Helm, Jr.
New Orleans, Louisiana
Applied Physics

Thomas Herman
Torrance, California
Engineering and Applied Science

David Da-i Ho
Los Angeles, California
Biology

Ron L. Hospelhorn
Glendale, Arizona
Physics

James William Hugg, Jr.
Oklahoma City, Oklahoma
Physics/Social Sciences

Carl Frank Imperato
Stanton, California
Engineering and Applied Science

Gregory Allan Jirak
Yuma, Arizona
Mathematics

Nelson Daniell Johnson
Corona del Mar, California
Biology

John Karl Kastner
Fresno, California
Engineering and Applied Science

David Louis Kazan
Mathematics/Biology

Alan Willis Kleinsasser
Azusa, California
Applied Physics

Casimir C. Klimasauskas
Altadena, California
Mathematics

Hon Hong Kwai
Hong Kong
Mathematics

Kar-Shing Simon Lee
Hong Kong
Engineering and Applied Science

Raymond H. Lem
Torrance, California
Mathematics/Chemistry

Baruch Livneh
Kibbutz Hatzor, Israel
Engineering and Applied Science

Kevin Kwok-Kam Lo
Hong Kong
Engineering and Applied Science

Daniel George Marks
South Gate, California
Mathematics

Richard B. Martin
Shawnee Mission, Kansas
Engineering and Applied Science

Kenneth Alan Mills
Chemistry/History

William Richard Molzon
Vineland, New Jersey
Physics

John Lewis Morton, Jr.
Palo Alto, California
Engineering and Applied Science

Albert Tung-Yiu Ng
Hong Kong
Physics

John Thomas O'Donnell
Lexington, Kentucky
Astronomy

Patrick Perkins
Redondo Beach, California
Chemistry

Stephen R. Poon
Bacolod City, Philippines
Engineering and Applied Science

Gary Alan Rabins
Monterey Park, California
Engineering and Applied Science

Charles Joseph Romeo, Jr.
Augusta, Georgia
Biology

Laurie Ann Schalit
Chatsworth, California
English

Michael Edward Schroeder
Claremont, California
Physics

Robert Alan Scranton
Huntington, New York
Applied Physics

Hon Hing So
Hong Kong
Engineering and Applied Science

Edmund Charles Sutton
Baltimore, Maryland
Physics

W. Scott Thompson
Scottsdale, Arizona
Biology

Frederick Abbott Ware
Omaha, Nebraska
Applied Physics

Richard Evan Weinberger
Shorewood, Wisconsin
English

David Charles Wellman
Olympia, Washington
Independent Studies Program

Frederick Douglas Williams, Jr.
Los Angeles, California
Economics

Alexander Jonathan Wilson
Kansas City, Missouri
Mathematics/Engineering

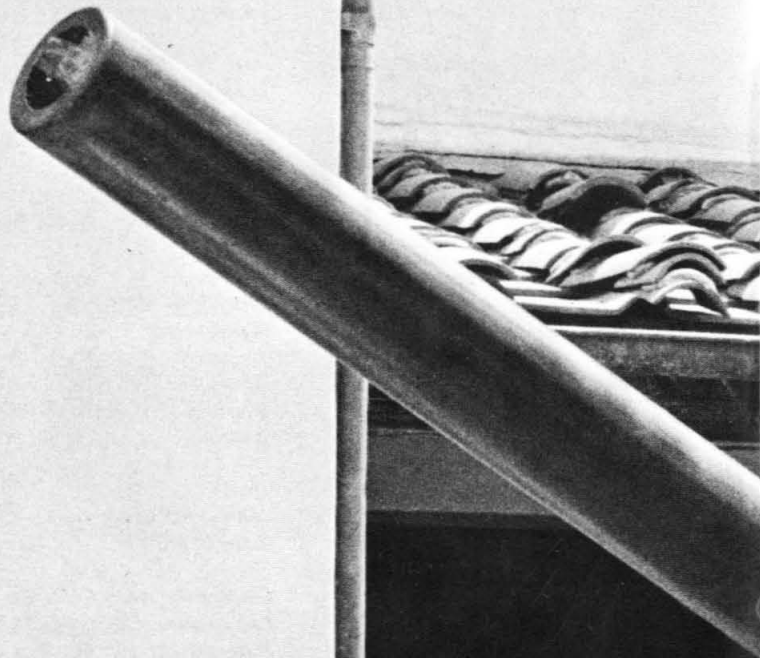
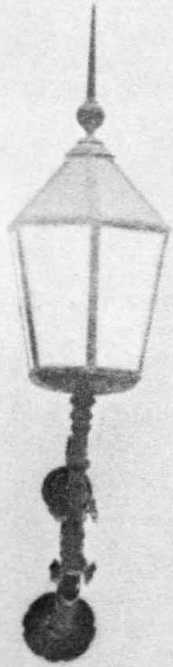
Durwin Wright
Compton, California
Engineering and Applied Science

Thomas Wai Yee
Gardena, California
Biology

Michael Franz Yoder
Albuquerque, New Mexico
Mathematics

Sheila Marie Young
Rancho Palos Verdes, California
Mathematics

Houses





LLOYD

HOUSE



Finer Living at Caltech

In the midst of all the sin and temptation of Pasadena, **Lloyd House** stands out as a beacon in the darkness. The administration tries in every way

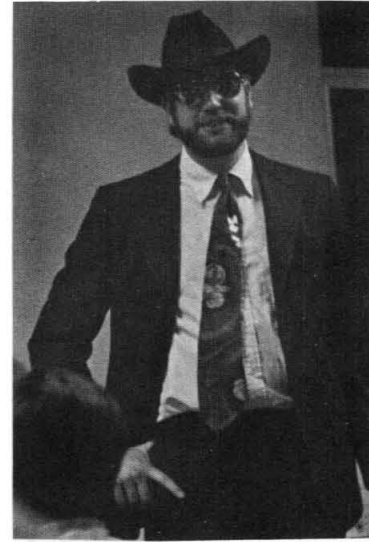
to provide the "Lloydies" with the proper atmosphere for the maturing of the young minds entrusted to it. With this in mind, we'd like to present some examples of the grand upstanding attitude our young people have developed in the last year.



We Live

And Die

For Those We Love



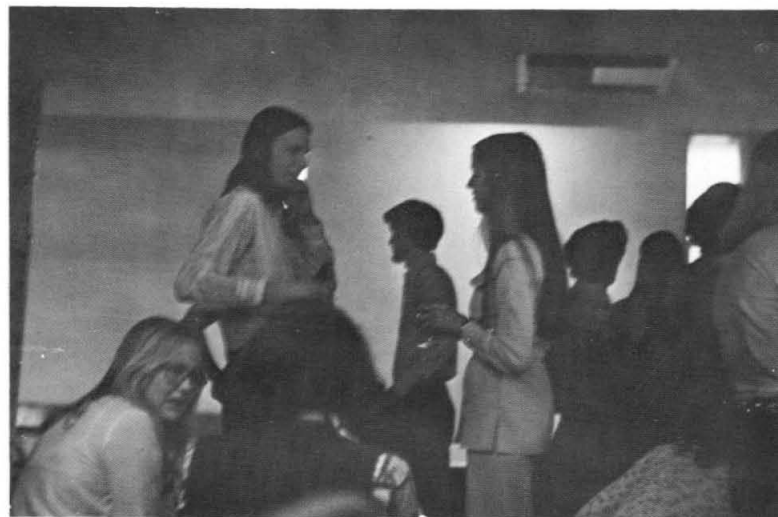
Realizing that the temptation to fall into the pit of moral depravity is great, we make an all-out effort to insure that our people are well insulated from the sources of vice which are present around us.



"Lloyd House makes me happy!"



Since all work and no play makes Jack a dull boy, we encourage participation in all sorts of sports and recreational exercise.



As the primary purpose of the students who make their home here is to *study* we encourage our occupants to use their time as dedicated students, and not engage in any sort of activity which might discredit the House's good name or even hint at academic setback. Below are some examples:

Once upon a time, there was a roll of mag tape. . .

A. JOB WAS NOT RUN BECAUSE:

1. NO REQUEST CARD
2. ILLEGAL JOB CARD
3. REQUEST CARD AND JOB CARD DO NOT MATCH
4. REGION IMPROPERLY SPECIFIED
5. TAPES NOT PROPERLY IDENTIFIED

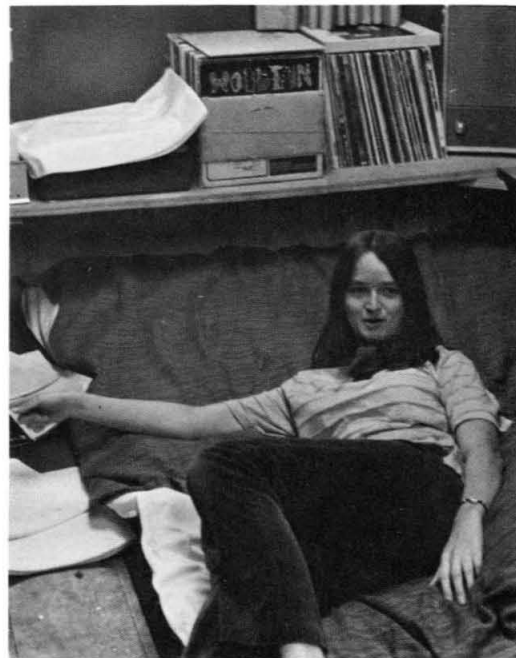
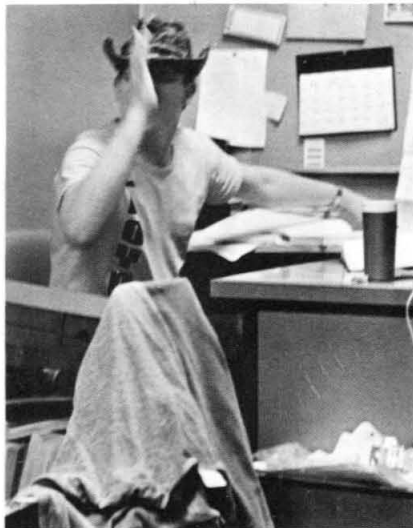
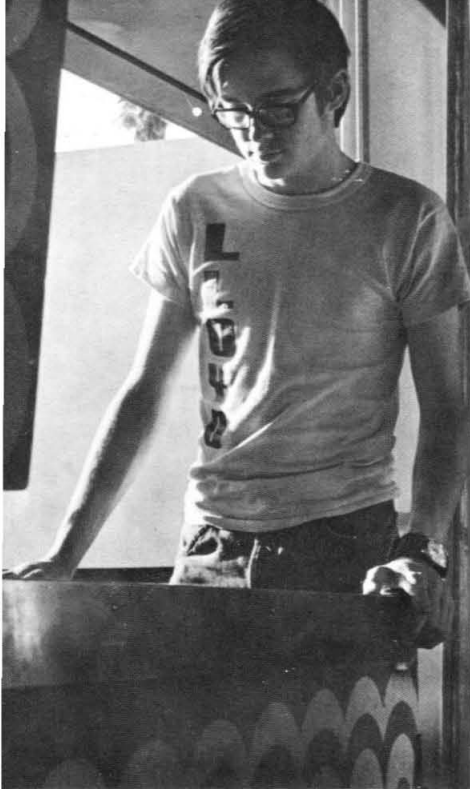
REMARKS TAPE DRIVE
GLITCH



Juniors snaking it up for an AMa 95 test.



"Did you say SEVEN?"



In order to produce upstanding future leaders of our country, our group has tried to engender in our people a true respect and veneration for their superiors.



Eric is baptized...



as a U.S. citizen!

But even a Utopia can have its imperfections, and when such a flaw comes to a head, we have a board of skilled technicians and highly trained professionals to remove the blemish and bring the errant soul back to the path of righteousness. (*Good ALWAYS wins, 'cuz good is nice!*)

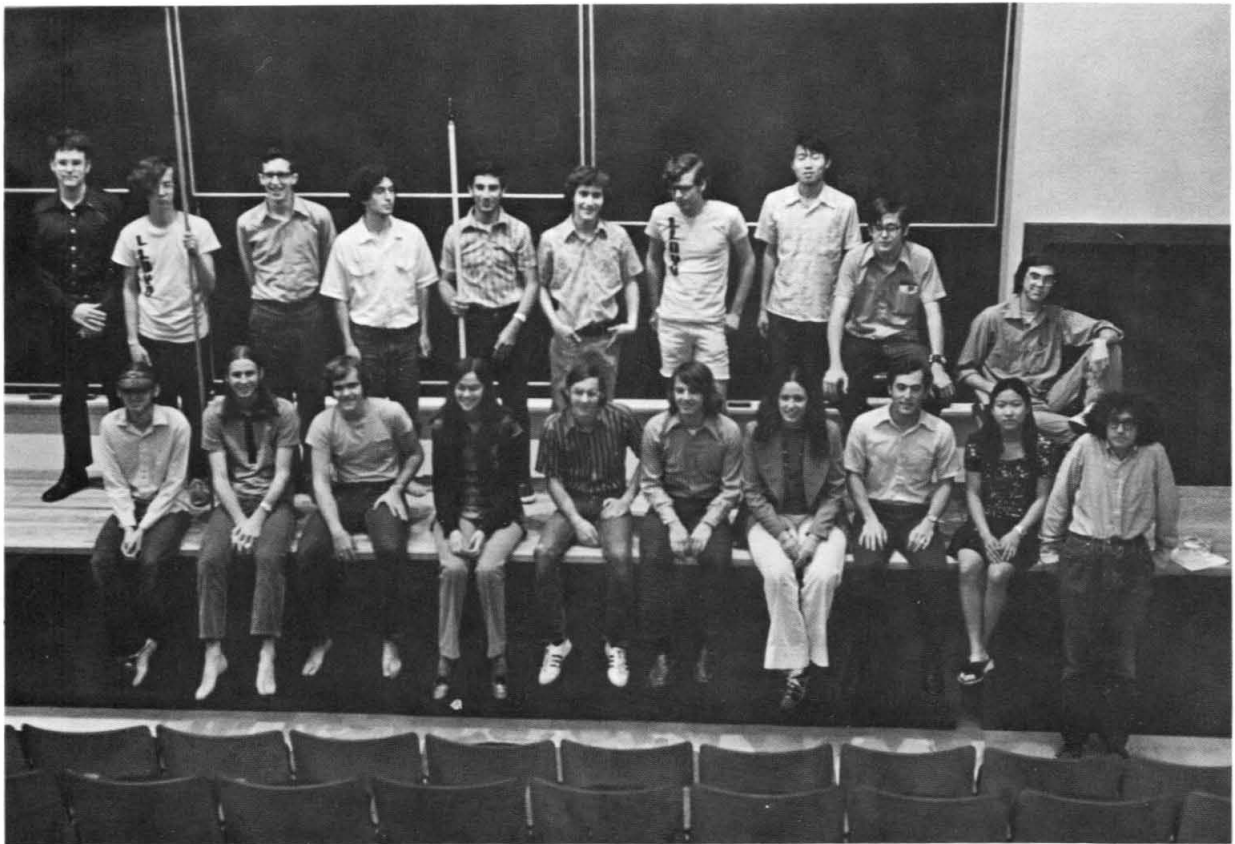


We Maim and Kill for Those We Love.



Gazis





THE FROSHLINGS: (rear) Russ Howard, Tim Groat, Forrest Pinkerman, Dave Blum, Nathan Lewis, Killer, Stew Sherer, John Chu, Phil Short, Jan Martin. (front) Chris Vestuto, Allen Bell, Jim Brubaker, Donna Wegemer, Greg Dunn, Lynn Olson, Madeline Shea, Steve Comens, Erna Hsieh, and Chris Henley. Other Frosh, In decreasing order of obscurity: **MIKE ULLNER**, Dick Tuck, Judy Powelson, Peter Lew, Neal Askew, Gary Cox, Rick Debus, Dave Frank, John Ernest, and Lynn Bell.



THE SOPHOMORE CLASS: Jill Evensizer (covergirl for *ThrobBiNg RivEt*), Jay Portnoy, Paul Gazis, David Neff, Laura Horner, Tom Trinko, John Epperson. **FRONTSES:** Ron Carson, Herbst (hiding), Ole Nielson, Doug Weber. Alton Vaughn, Gerald Laib, Robert Houk, Richard Eshun were too lazy to show up.



JUNIOR CLASS: Jim Moore, Doug Herbert, Eric Vella, Tom Little, Mike Norman, Mo Nakatsui, Ken Jancaitis, Jeff Kelber, Joe Kirschvink, Don McGlashan, Mark Rodgers, Tim Gay, and Dave Bell.



GONE AND BEST FORGOTTEN: Keith Karasek, Ken (the walrus) Suslick, Pat Nolan, Greg Zima, John O'Donnel, Steve Schnetzer, Dave Glackin (astronomers tend to hide in dark corners), Andy Cockburn; In front are Mark Bruni and Mike Yoder. Chuck Easlon failed to show up; he was probably cutting throats.



THE SURLY WAITING STAFF: Mark Rodgers, Tom Little, Ron Carson, and Tom Trinko.



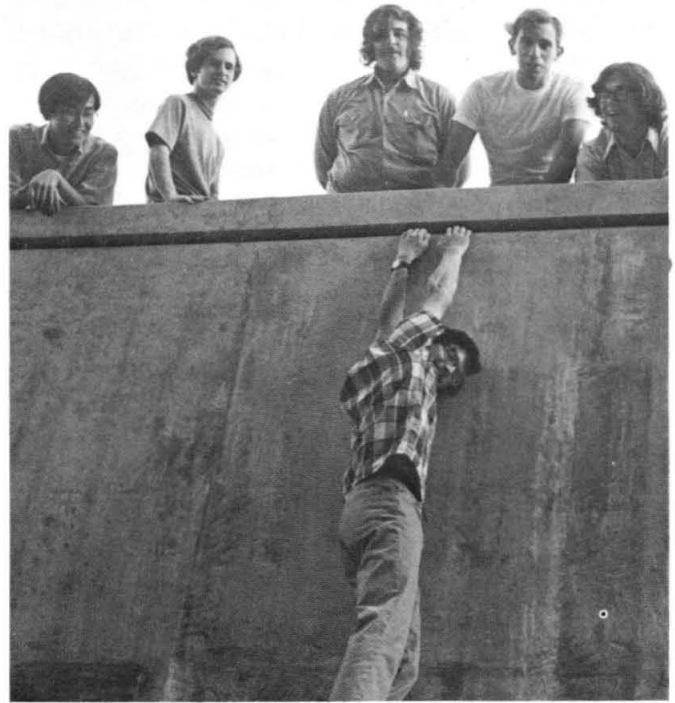
THE OMNIPOTENT EXCOMM: (Left to Right) Tim Gay, Social Chairman; Doug Herbert, President; Don McGlashan, Vice-President; Donna Wegemer, Secretary; Mark Rodgers, Social Chairman; Eric Storm, Resident Associate; Mo Nakatsui, Treasurer; Joe Kirschvink, Librarian; Gary Cox, Ath Man; Dave Blum, House Rep; and Gale Storm, Resident Associate.

It Happened like this...

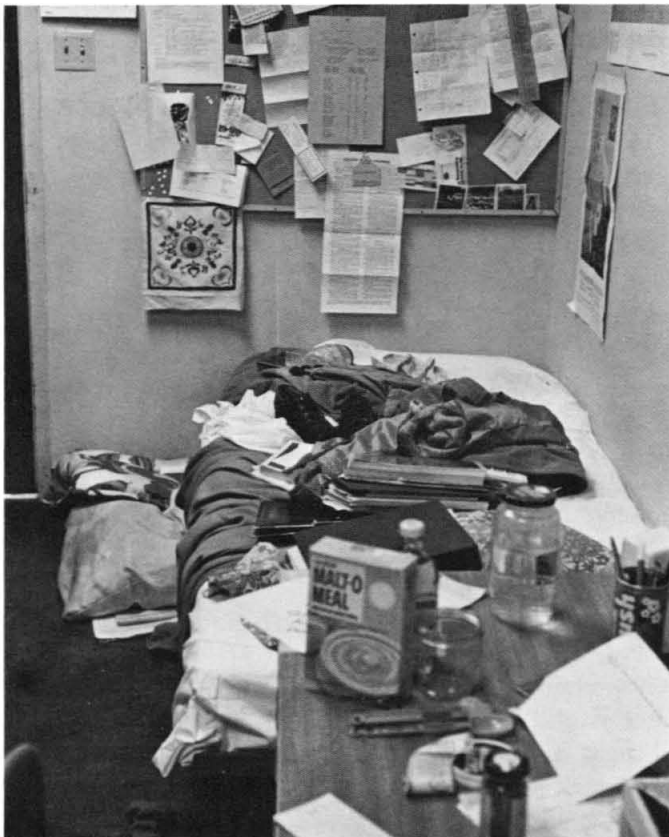
We conducted a kidnapping, but the Rudds weren't sure if our signs were worth more than Ann Orel's chastity. During third term, we suddenly found ourselves in second place for the Discobolus. Tim Gay decided to "get into the esthetics of murder" and become the most heavily-armed man on campus. Bill Sharman, Jim Moore and Willy Moss all bit the dust, their gay bachelor days coming to an end.

Lloyd House began the funnelator arms race in an effort to escalate hostilities and preserve strategic non-parity. Card playing made a strong come-back this year, as did the ping-pong table. ASCIT was suckered into providing financial assistance for the 3rd annual Lloyd House Spring Entertainment Extravaganza, and Sandi gave them their money's worth.

George Shaffer lasted until second term, and he swears that he's going to come back (foolish lad). **Buck Aerospace, Ltd.**, went into the used door business (matter—anti matter power supply optional at extra cost). Social Chairmen Mark Rogers and Tim Gay came through in fine style, we actually had *too many* girls for a social event. Ole Nielsen came all the way from Denmark to down a Tommy's Triple Threat, and lived to tell the tale. The Storms decided to go somewhere where they could get a respectable position, now that Eric's a U. S. citizen. The Hoffmans are the victims for next year.



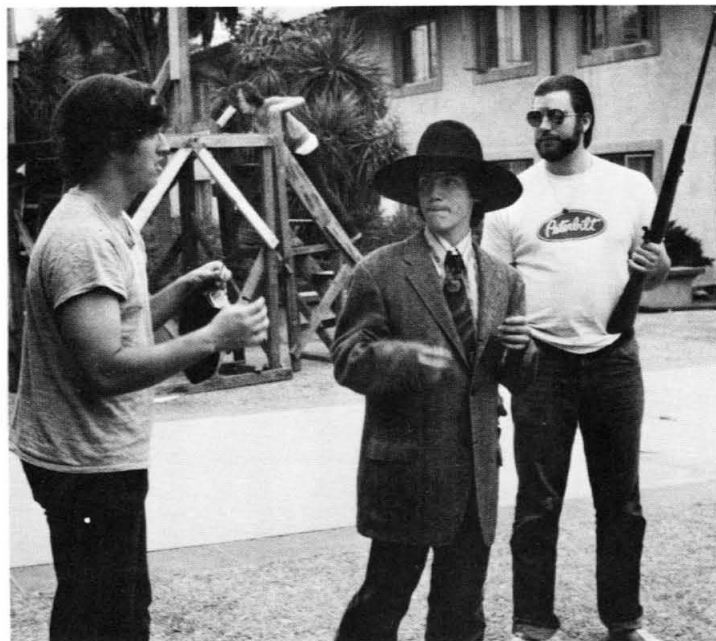
We had a western town for interhouse, where Ken and Judy learned the dire results of leading a life of sin. Contrary to popular belief, Neal Askew actually spent an hour or two doing homework. Donna is still looking for a roommate. Vella and Karasek actually did a lot of homework, despite the infinite ping-pong games. "Killer" Zwass became the most respected and feared member of the house. Our Graduate Fellow, Slava Zhurin, was a one-man interhouse swim team. . .well, almost.



Jill Evensizer defied the omnipotent surly waiters, and refused to eat the food service pudding. Despite the sticky mess on his face, Tom Little exacted swift and fitting punishment for the foul deed. Gerald Laib had products that were right up Trinko's alley: "Bigger better bombs with bigger better bangs." Herbie was elected House President, what else do you do with people who raise man-eating plants? Dave Glackin led the retaliatory raid to Woodland Hills. Do you know that honey can ruin the paint on a car?

Buck couldn't stop misbehaving in ME19. Richard Tuck returned from France and continued being a frosh, and was condemned to room with Dave Bell. Jeff Kelber was as sweet and sunshiney as ever, which doesn't say much. After the war over frosh camp reps, Gary Cox decided that he would go to Catalina *anyway*. Mo Nakatsui turned 21, and bought big enough a bribe to stay dry on his birthday. Yoder kept on dealing the first hand of hearts, and will keep right on doing it next year as a grad student. McGlashan and Norman provided free entertainment on the banjo and mandolin on a nearly continuous basis.

Tom Trinko was honored as having the neatest, best-kept room on campus. Paul Gazis funnelated, Aerospaced, and sailed his way into infamy, (and a window or two in the process). Kirschvink can still ascend from the basement to the second floor without ever touching the stairs. Dave Bell kept



going crazy over Ole's raunch pictures. Rick Debus can't escape next year's interhouse track team. He outran a group of bloodthirsty frosh who were out to celebrate his birthday... and then mentioned something about running the mile in 4:17.

Carol and Jimmy are expecting any day now (which will be three months ago by the time you read this). Christian got her first obscene phone call, and Nemo got his first bird. The Inferno Alley challenge was more quiet than usual, probably because the scurvs stacked themselves in. Chuck Barber completed his tenth year at Lloyd (rumor has it that he actually graduated somewhere along the line).

On Ditch Day Charles discovered the disadvantages to having a waterbed and refrigerator in your room. You have to dig them out of all the computer paper and keypunch chaff. Keith Karasek led us to believe he left a cryogenic stack, which is exactly what he found when he came home that night.

Later, Portnoy, Russell Bell, and Doug Schaefer went streaking to the top of Mt. Wilson... or so they claim. Sweet Sioux finally died of old age, and her friend is showing signs of decay as well. John Ernest enjoyed his term as Pope, but Phil Short enjoyed being anti-pope, warlord, Unit Toad, and food rep even more. The power that man has...



Steve Comens is going out for football next year. Nathan Lewis led Lloyd in an almost-successful interhouse tennis campaign. Will Houk spin out his car on the way to Mt. Wilson again, or will he do it on his yamaha? Herbst is looking for a decent partner to play bridge with. Andy Cockburn knows what's dear to the hearts of the people in headquarters, and his bribe was the most effective stack in the house. David Neff and Laura Horner have plans afoot to hold a seminar entitled "Home Economics and Computer Programming". Watch for it!

Dave Blum could usually be found playing bridge (as Herbst's partner). Richard Eshun was the first Lloydie to come from Africa. Epperson knows more about comic books than anybody but Captain Marvel. Suslick is and always will be the House Walrus. Alton Vaughn still has poor taste in music and the worst record collection on campus. Russ Howard seems to get more mail than anybody else in the house. The penny jar finally found its way to the bank (which abruptly ended the penny shortage in Pasadena).

Chris Henley thinks math is fun, after maiming the competition in the Putnam. He is the obvious successor to Yoder as unit mathematician. Forrest spent his whole year preparing to pick cherries this summer. Doug Weber and Ron Carson spent a whole year living next to Keith in Valhalla, and never complained about it. John O'Donnel is graduating after four years in the same neighborhood and is none the worse for wear. Pat Nolan never complained about Tim Gay's stereo. He was too busy listening to Glackin's.

Zima proved that he really could do Physics. And all this time we thought he was just a computer troll. Vestuto was the only frosh work chairman who ever got the frosh to work. Jan Martin took enough time away from classical guitar to swim the backstroke during interhouse, bringing us our best finish in years. John Chu plays a damned good game of Bridge. Only Herbie would open three diamonds to an ice-cold slam. Allen Bell came from Escondido (just like Rodgers), but don't let that bother you. Even though he comes from San Francisco, Peter Lew disavows any knowledge of the whereabouts of Patricia Hearst.



This was completed at a quarter to five Monday morning.

The first person to criticize it has just volunteered to do it NEXT year!

Photography by Stew Scherer, Gerald Laib (a mercenary!)

YEARBOOKS FOR THE MASSES... A Buck Aerospace Corporation.
A subsidiary of Fingal, Incorporated

This Yearbook write-up has been brought to you in the best of taste and as a direct result of the work of these people:

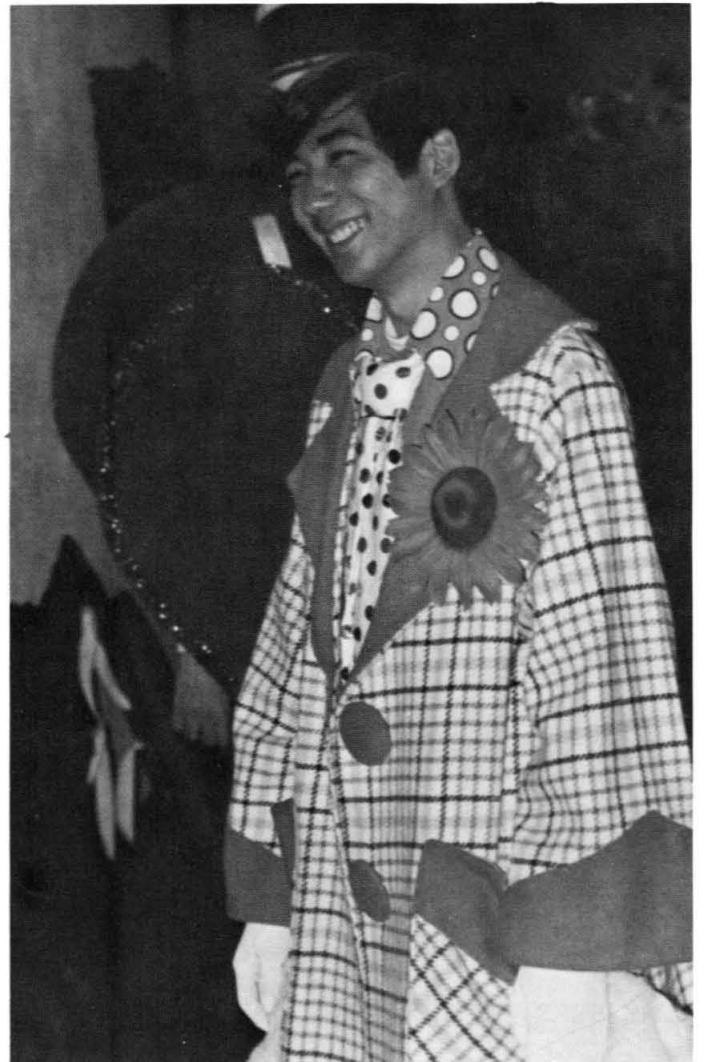
—Stewart Scherer
—Timothy C. Groat
—Douglas D. Herbert
(the laziest bum of them all)



Ruddock House

“You recognize Rudds at once by the broad belly which shimmers white-yellow, the triangular head, but most of all by the beautiful fleshy pink of their ventral fins.”

—Hesse



2089 Montrose Drive
Thousand Oaks, California 91360
May 7, 1973

Micro Instrumentation &
Telemetry Systems, Inc.
2016 San Mateo NE
Albuquerque, New Mexico 87110

RE: ORDERS

Sirs:

Please send me ASAP one Scientific and Engineering
Calculator, Model 7400C (seven registers), in kit form. Enclosed
you will find a check for \$339.95 plus \$5.00 for shipping.

Your prompt attention will be most gratefully appreciated.

Sincerely Yours,

Richard L. Baker

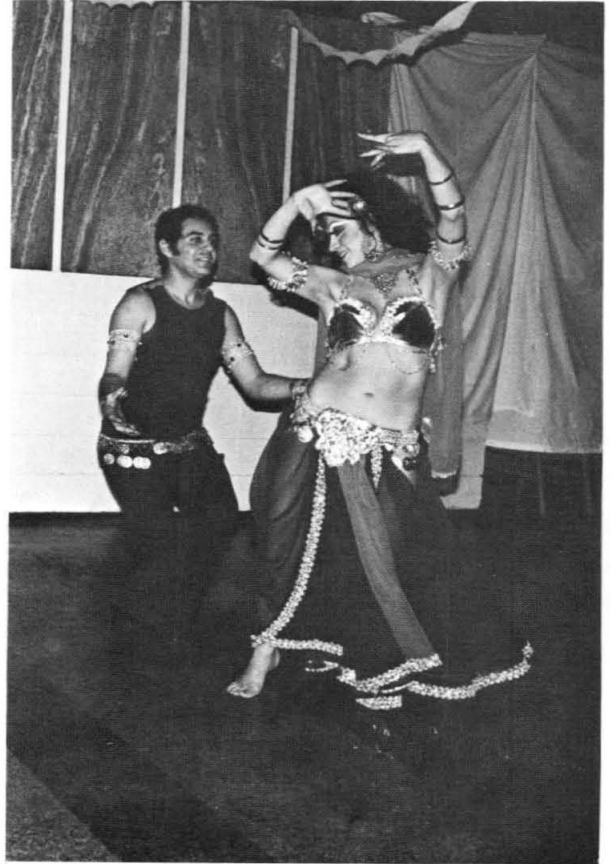
Richard L. Baker

enclos.

ANTICIPATED DELIVERY TIME:

~~8 to 16 weeks~~ 16 + 18 weeks

⇒ ~~ARRIVED SEPT 1~~
Nov
Dec
Jan?
Feb?
Sept



Re PO# _____

THIS IS AN ORDER ACKNOWLEDGEMENT

We received your order on 5-14-73.

Due to heavy backlog and supplier problems, your
merchandise will be shipped within 16 to 18 weeks.

In any correspondence, please refer to acknowledge-
ment date.

MITS appreciates your order, and if we can be of
further assistance, please contact us.

Sincerely,

MITS
5404 Coal, S.E.
Albuquerque, N. Mex.
87108



mits

Micro Instrumentation & Telemetry Systems, Inc.

July 11, 1973

Mr. Richard L. Baker
2089 Montrose Drive
Thousand Oaks, CA 91360

Dear Mr. Baker:

Please accept my personal apology for the delay you have experienced in receiving your 7400. As you know, the delivery problem has been due to National Semiconductor's inability to produce MOS semiconductors of the type required for the 7400. We still do not have a production commitment from National; as a matter of fact, there is reason to believe they will cancel the program. We started the development program of the follow up scientific calculator, our model 7440, late last year. The 7440 is now only 12 weeks from production and is far superior to the 7400 in terms of convenience, price, and reliability.

Considering the problems we have caused you, we feel obligated to make some compensation. We will convert your 7400 order to a 7440 which retails for \$199.95 in kit form and \$299.95 assembled. Along with this basic price reduction, we will further reduce the price another 10% of the retail price for a total savings of \$110.00 to \$160.00, depending on which model of the 7400 you have on order.

In addition, we will lend you a model 150 eight function handheld calculator which you have the option of keeping at 60% of its retail price or returning for full credit at the time you receive your 7440.

We will debit your account for the retail price of the 150 at the time we ship it, and credit your account the appropriate amount (dependent on your decision to keep the 150 or return it) at the time we ship your 7440.

Once again, let me personally thank you for your patience and understanding and assure you that we will do everything in our power to expedite delivery of your order. Please feel free to call us if you have any questions.

Sincerely,

H. Edward Roberts
H. Edward Roberts
President

117.95
- 17.19

100.76

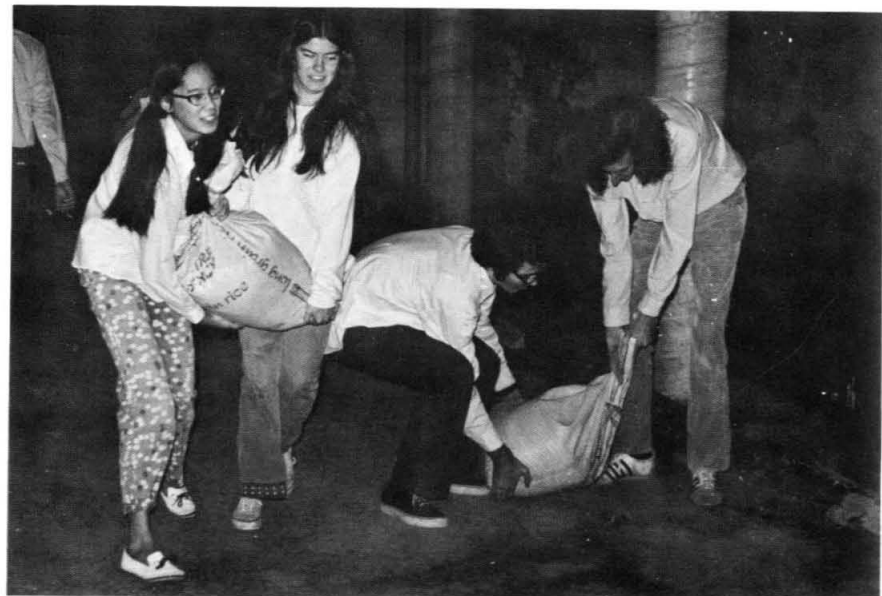
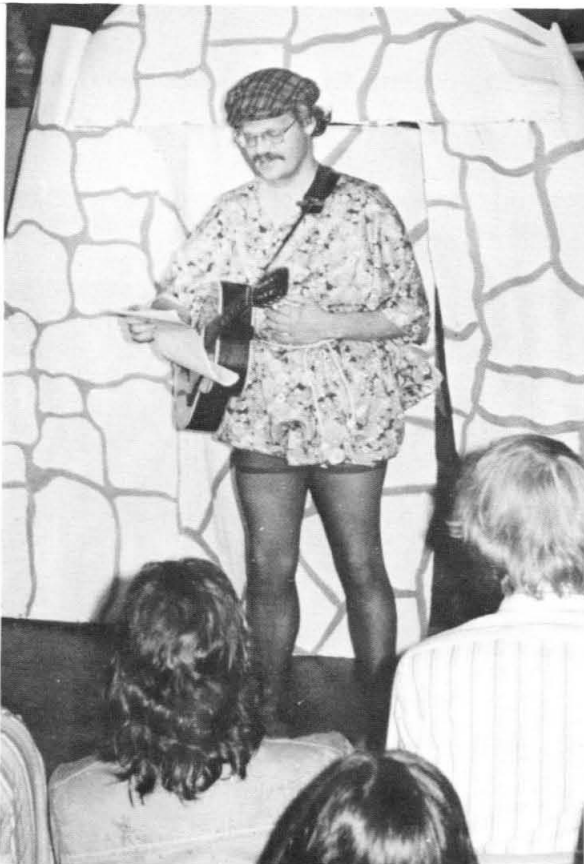
7400 MITS 339.00
7440 " 177.25
save 161.75

s

Enclosures: 7440/7400 Comparison Sheet
150 Data Sheet
Prepaid Reply Card

150 \$129.95
- 41.00 = 88.95
150.00 77.00

6324 LINN AVE., N.E., ALBUQUERQUE, NEW MEXICO 87108 505/265-7553



MITS[®]

Micro Instrumentation & Telemetry Systems, Inc.

ordered May 7, '73
New list of depts. call
since 3 HP45,65
SR 10, 11

August 28, 1973

Richard L. Baker
2089 Montrose Drive
Thousand Oaks, California 91360

Dear Mr. Baker:

Thank you for your letter of August 17, 1973, regarding the Model 7440. The Model 7400 has been discontinued and will not be produced.

The stack registers in the Model 7400 were not true memories, but only allowed the storage of intermediate answers in a complex problem. For example, to work the problem $[(A+B)(C+D)(E+F)]^2$ necessitated working out each parenthetical group, separately, and placing the answer into one of the stack registers, and then recalling them to sum them, square them, etc. With the 7440 and the addition of the open and closed parenthesis and the equals key, you now enter the total problem into the machine exactly as you write or say it. The 7440 automatically stores the intermediate answers for you as you go along, thus eliminating the need for the stacks.

If we can be of any further assistance, please feel free to contact us.

Very truly yours,
MITS, Inc.

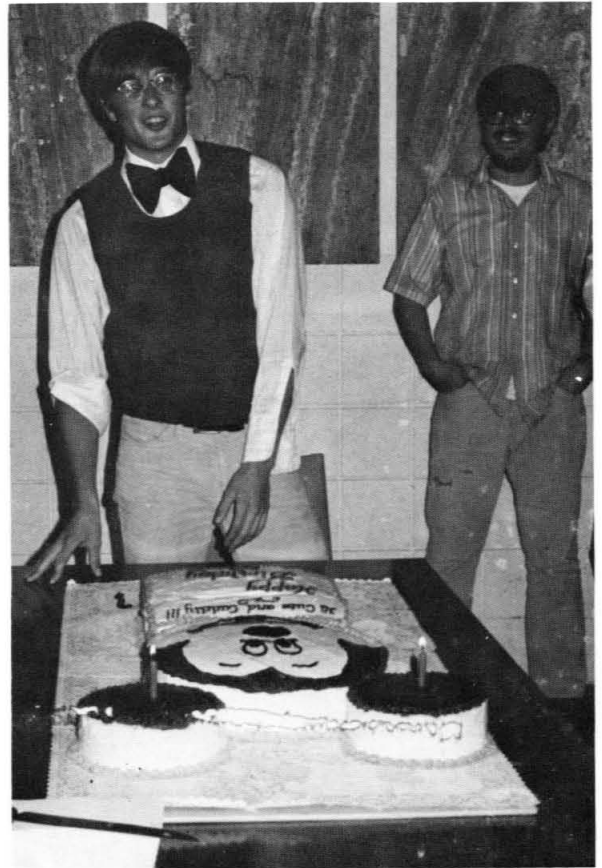


Lou Van Eperen
Director/Domestic Marketing

jm

P.S. The 7440 will also interface with a Programmer, which will be available about one month after the 7440 is out. In this respect, with the 7440 it will be easier to use, require less steps and the 7440 will run at about three times the speed of the 7400.

6328 LINN, N.E., ALBUQUERQUE, NEW MEXICO 87108
505/265-7553 TELEX NUMBER 660401





The froshlings are (from dryer to wetter, pseudo-timewise): Warren Case, Jill Bechtold, Eric Carter, John Gustafson, Judy Greengard, Chris Broka, Dick Beatty, Al Nikora, Becky Winter, Burl Hall, Kathleen Kong, Keith Jenkins, Walter Beckman, Mike Wilson, Ann Orel, Antares, Hugh Woodin, Eileen Reeds, Rich Feldman, Larry Bridges, Mark Swanson. Absent: Cindy Dukert, Mike Berg, Hal Bright, Jose Caberon, Stig Erlander, Claude Galopin, Tom Guthrie, Bart Hibbs, Gilbert Roderman.



P.S. Have a new delivery date for the 7440?
Back orders should all be shipped by the end of
January!

* Manuals will be available on the programmer about the time
you receive your 7440. The price of the manual is \$3.00.
We don't have a dealer in your yet. Sorry.

g.p.



The historian expresses himself to the editor as we note the sophomores: Wolfgang Franzen, Mike Joos, Gary Gray, Steve Grennan, Maggie Evans, Jon Teich, Dave Easter, Steve Tappel, Craig Rogers, Ken Ballard, Larry Yaffe, Tony Redondo, R.A., Mike Coln, Dave Munro, Jack Bacon, Mike Forgac, Harvey Phillips, Jinkle Seagrave. Absent: Charlie Clemente, Bob Harrison (well, maybe not!), Dave Murdock, Bob Pfeiffer, Hubert Shen, Martin Teintze, Paul Vella, Joe Walder, Shelby Redondo.

OCT 8 1973

Riddick House
 Calif. Institute of Technology
 Pasadena, Calif. 91109
 Oct. 3, 1973

MITs

Dear Sirs:



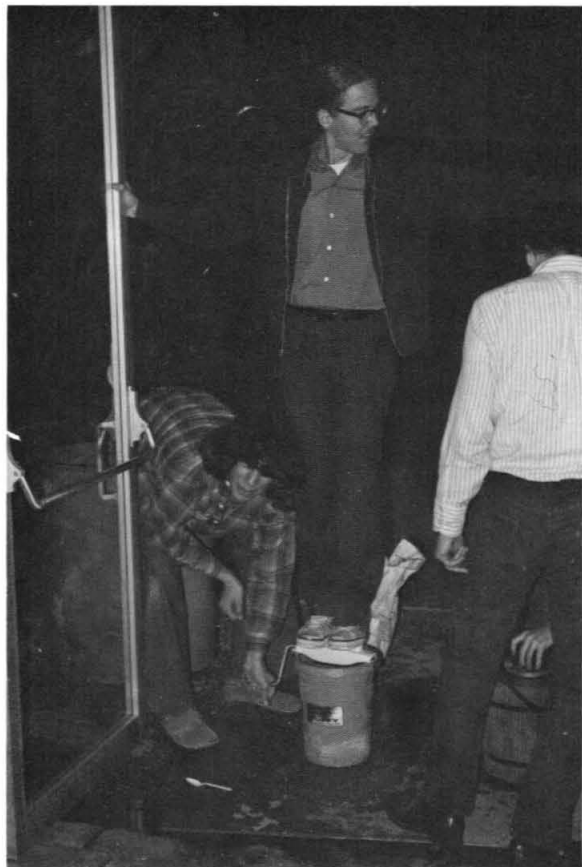
We expect to receive our 7440 kit early this month. (Shipping address is Thousand Oaks Calif.) I understand from your letter of August 28 that there will also be a programmer available for the 7440 early September. I wish to obtain the specifications and price for this programmer, and a firm delivery date. Will you send this information to the above address ASAP?

Sincerely yours,
 Richard Baker
 Richard Baker

10-8-73

Please be advised that the 7440 will be available in December due to unavailability of chips. The programmer will be available at the same time. Enclosed please find an info sheet of the programmer

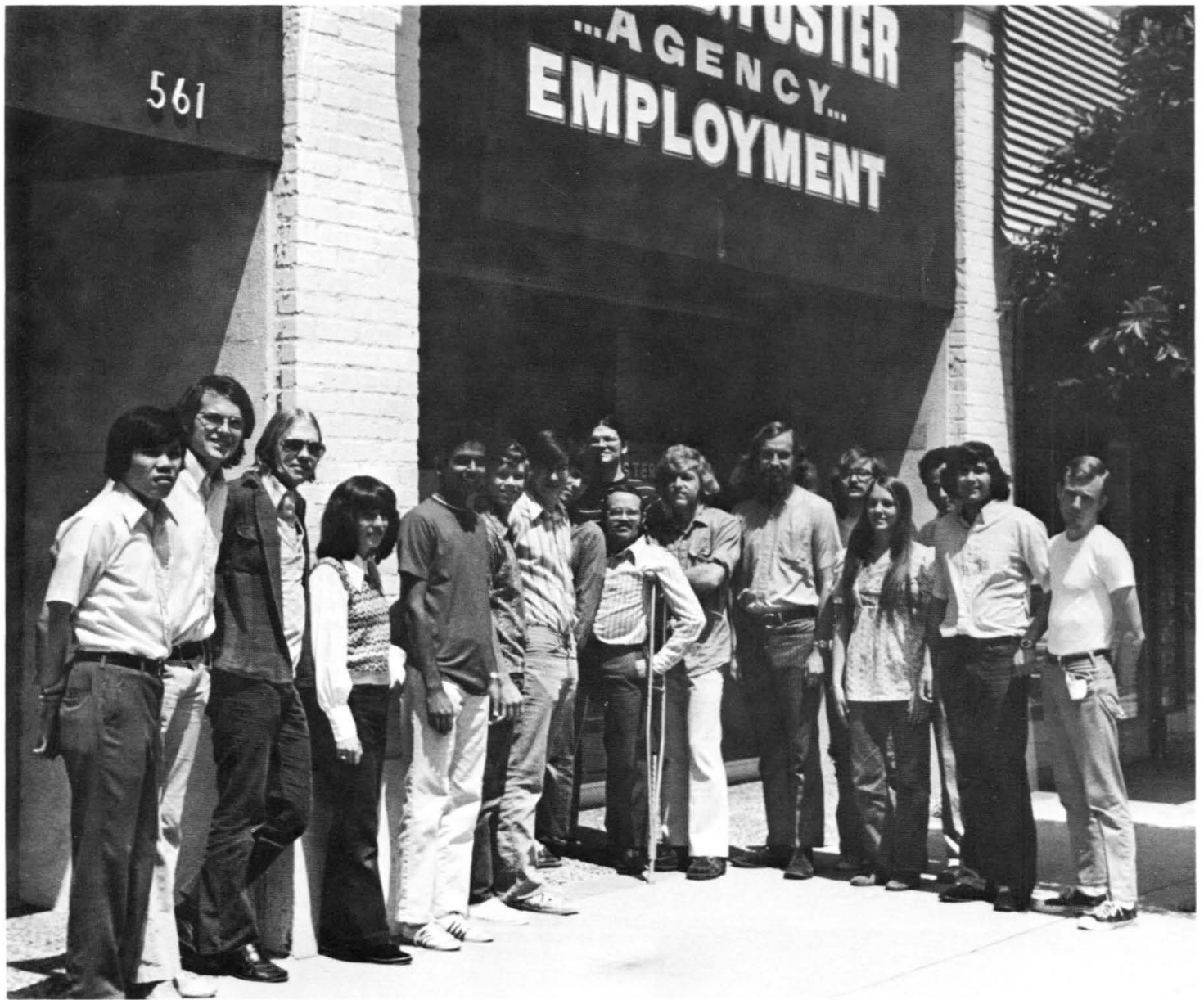
Pam Balling *PB*
 Asst. to the Director
 of Marketing





A day at the dentist's with juniors (clockwise from left): Claude Anderson, Bill Haines, John Best, Bruce Casner, Tom Zepko, Allan Schill-, Brenda Grant, -er, Jim Kleckner, Greg Griffin, Steve Aley, Martin Lo, Marie Beall, Junro Hiramatsu. Absent: Paula Clendening, Tim Erickson, Jeff Eriksen, Tom Fly, Steve Gillett, Gary Hansen, Gary Hayward, Rick Kahler, Rick Mitchell, Kathy Crossland, Kent Nakamoto, Jeff Shellan.





A chance gathering of seniors involves: Peter Kwok, Dave Larwood, Tony Pietsch, Debbie Dison, Ram Rao, Rich Baker, Bob Coleman, Brian Yandell, Bob Standley, Rich Stephens, Bob Pleva, Jim Leger, Bob Murphree, Marion Movius, Ionannis Kessides, Tom Herman, Greg Simay. Off at work are: Kim Border, Bob Bressler, Rodney Cruze, Tom Farr, Dave Ho, Phil Massey, Stan Nakamoto.

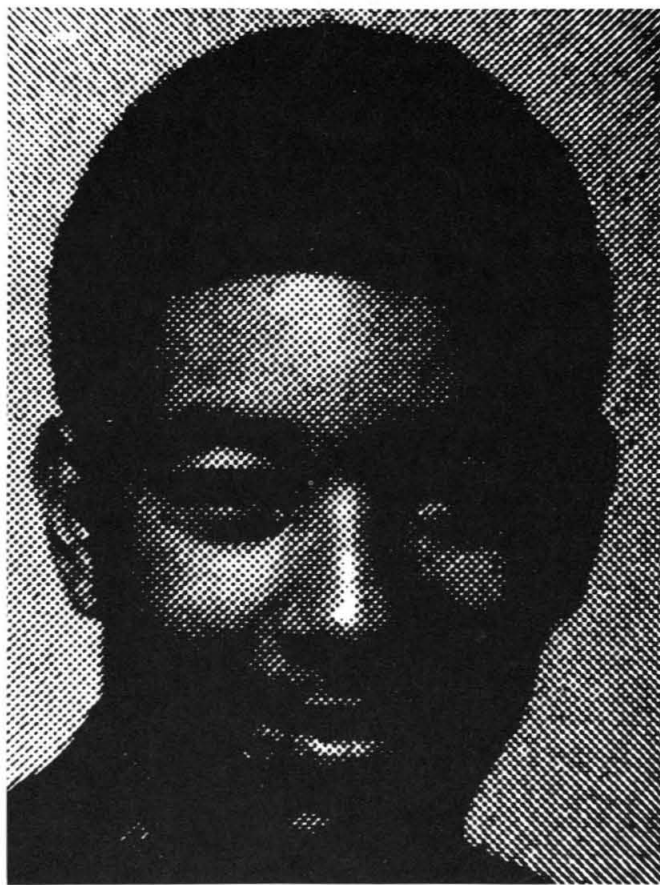




Doug Petrie



Dave Wellman



MITTS

Micro Instrumentation & Telemetry Systems, Inc.

November 5, 1973



Dear Customer:



The 7440 program is proceeding on schedule with only minor problems. Barring any unforeseen difficulties we should be shipping units in the next few weeks. Hopefully, the total backlog of existing orders will be cleared out by the end of December. We sincerely appreciate your patience and understanding for the prolonged delay that you have experienced.

For those customers who have ordered programmers, we are pleased to inform you that the programmer is completed. Shipments will be made to 7440 customers after receipt of the 7440.

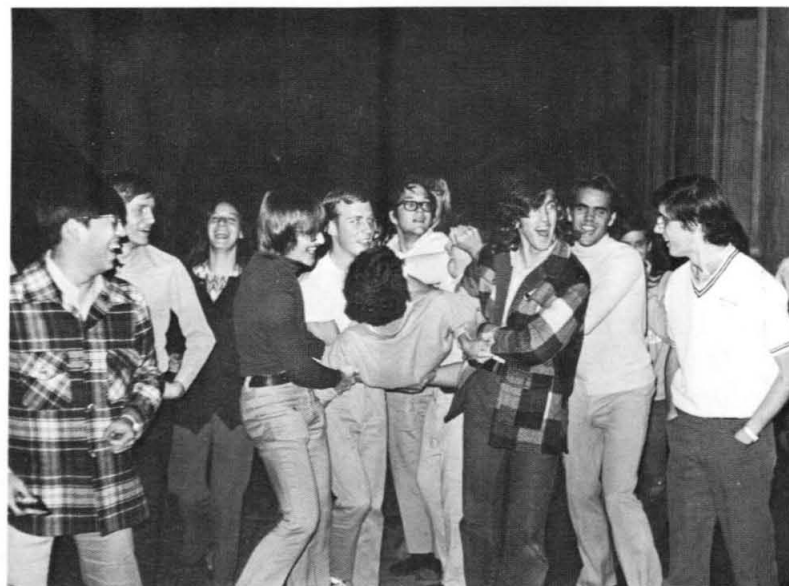
Again, let me say that we regret the delay which has been beyond our control. If I can be of any further assistance, please feel free to contact either me directly or Lou Van Eperen, Director of Marketing.

Sincerely,

H. E. Roberts
President

HER:pb

6328 LINN, N.E., ALBUQUERQUE, NEW MEXICO 87108
505/265-7553 TELEX NUMBER 660401



\$ 214.643
April 11 of 1974
EAT IT BIG!

MITS

Micro Instrumentation & Telemetry Systems, Inc.

February 4, 1974

Dear 7440 Customer:

The IC Chips for the 7440 were rejected and a new production lot is scheduled to arrive at MITS on, or about, February 11. In the meantime, we have begun production of the calculator and at this time we already have approximately 60 units in final assembly awaiting the Chips.

Delivery of these units will commence within 48 hours after the Chips are received.

In the meantime, we are enclosing a copy of a preliminary operator's manual for your review. Please keep this manual handy since we will not be sending the formal "full-up" manual with your calculator. The formal manual will be mailed to you separately within a couple of weeks after we ship your calculator.

It has been noted that you may not have been advised about the Programmer for the 7440 which is now available. If you have already ordered a Programmer, your unit will be shipped to you with an interface plug already attached for that purpose. If you have not ordered the Programmer, and wish to do so, you may consider either (a) advise us of your intent immediately so that we can include the interface plug on your unit prior to shipment, or (b) you can, of course, return your unit later for the installation of the plug at no charge.

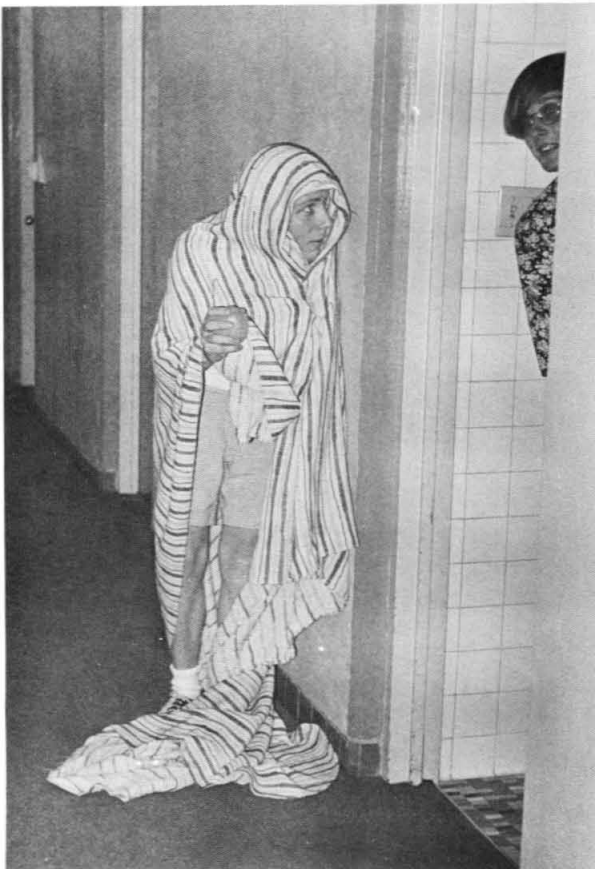
Thank you for your patience and we hope that the performance of your 7440 will have justified your wait. If we can be of any further service, please feel free to contact me.

Very truly yours,

Lou Van Eperen
Lou Van Eperen
Vice President
Marketing

jm

6328 LINN, N.E., ALBUQUERQUE, NEW MEXICO 87108
505/265-7553 TELEX NUMBER 660401



Ruddock House
Caltech 1-55
Pasadena, California 91109
March 28, 1974

Micro Instrumentation & Telemetry
Systems, Inc.
6328 Linn, N.E.
Albuquerque, New Mexico 87108

Sirs:

It has now been over 10½ months since I sent a \$345 check for an MITS 7400 calculator for my fraternity at Caltech. First we were told to expect shipment in 16 weeks. This was acceptable since it would have arrived at about the start of first term.

But then came the letter stating flatly that the 7400 simply could not be produced and asking if we would consider buying a more limited machine--the 7440. It would be in our hands by November. And we could have a little loaner until then. Well . . . okay. But then the shipment date was postponed until December, then January, then mid-February, and now it's nearly the end of March and I and my fraternity really doubt that MITS is competent enough to ever ship us a 7440, just as they bungled the 7400.

And then there's the same false (or is it only misleading?) advertising, this time for the 7440 instead of the 7400, claiming the unit is being produced and even available from my local Olsen dealer. (Check your March ad in Popular Electronics.)

Oh yes, there's also the small fact that in the past year other companies haven't been just sitting on their butts. Hewlett-Packard has introduced both the HP-45 and HP-65 (with a reduction of the HP-35's price to a tempting \$300). Texas Instruments has come out with the SR-10 and the highly competitive SR-11. The market has changed as much as MITS's delivery dates.

If the 7440 is in production as your advertising claims then I and my fraternity expect shipment immediately. If not, we want a FIRM shipping date. And if it's not in the next few weeks you can expect cancellation.

Very Truly Yours,

Richard L. Baker

Richard L. Baker
By now the Ex-President of Ruddock House



April 2, 1974

Richard L. Baker
Ruddock House
Caltech 1-55
Pasadena, CA 91109

Dear Mr. Baker:

Your 7440 kit was shipped March 27, 1974 in partial form. The chips were not included and will be shipped to you within two weeks. The shipment was made to the address on Montrose Drive in Thousand Oaks. If this is incorrect please notify us.

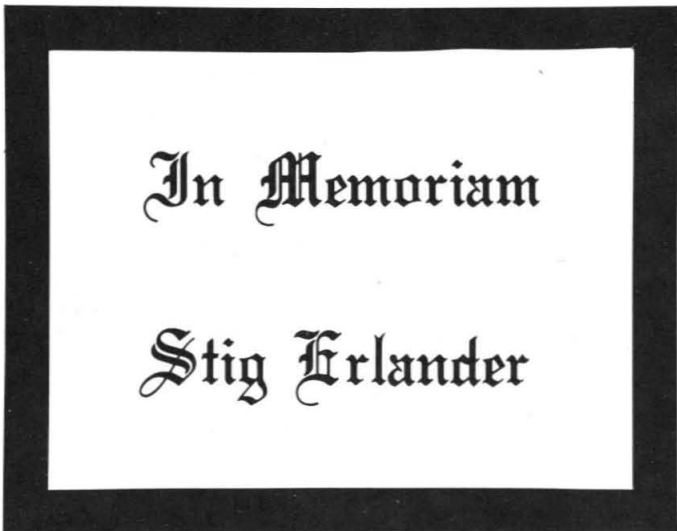
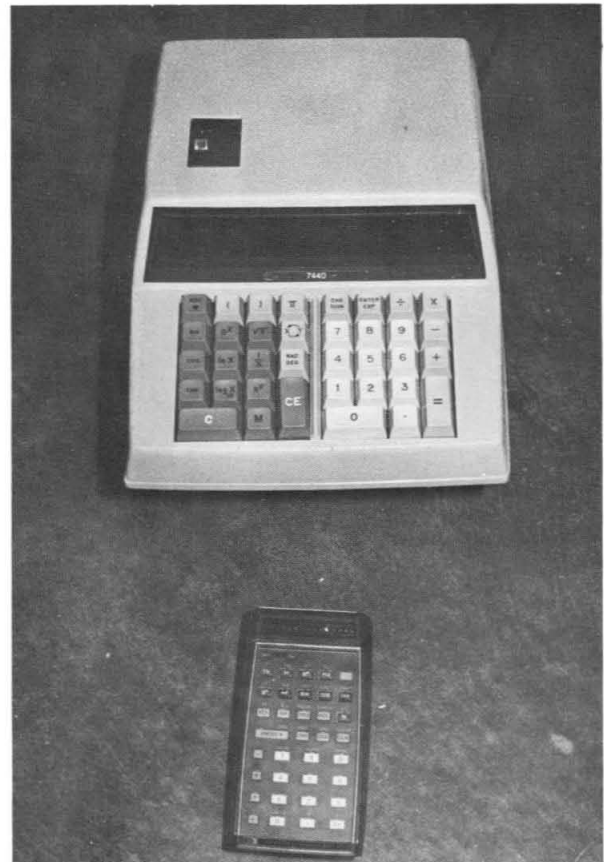
Sincerely,

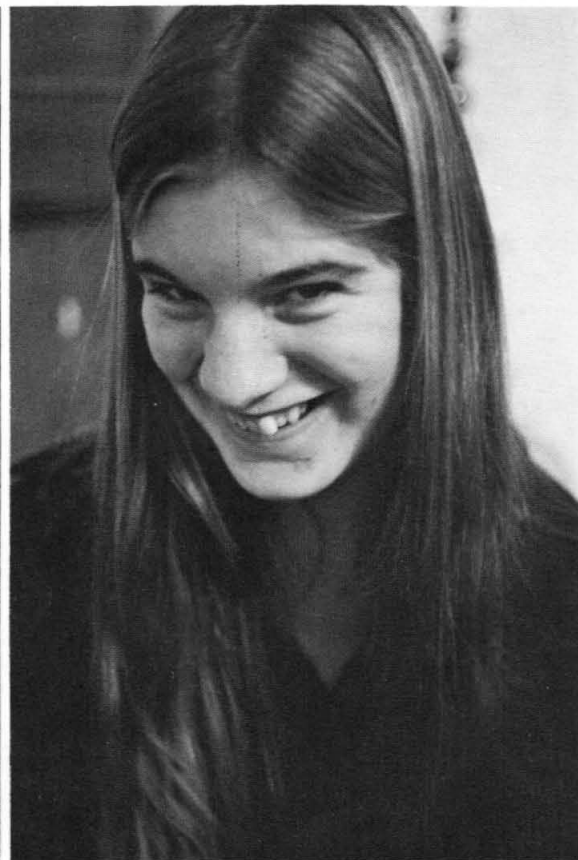
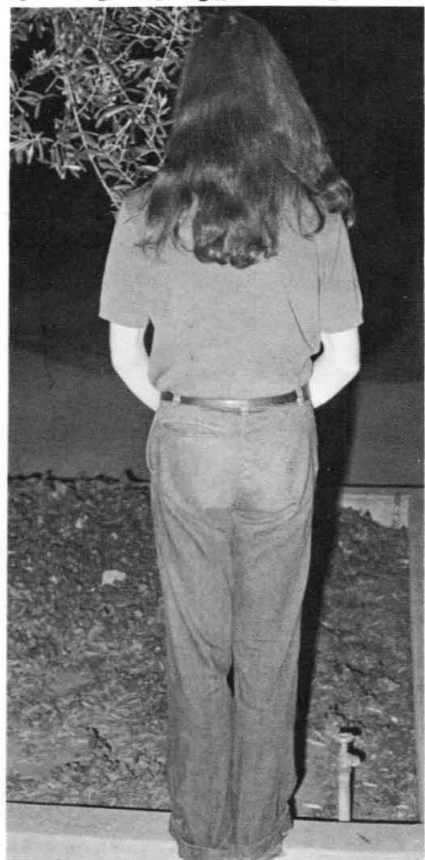
Elizabeth Dunlap
Elizabeth Dunlap
Marketing Manager

/mec

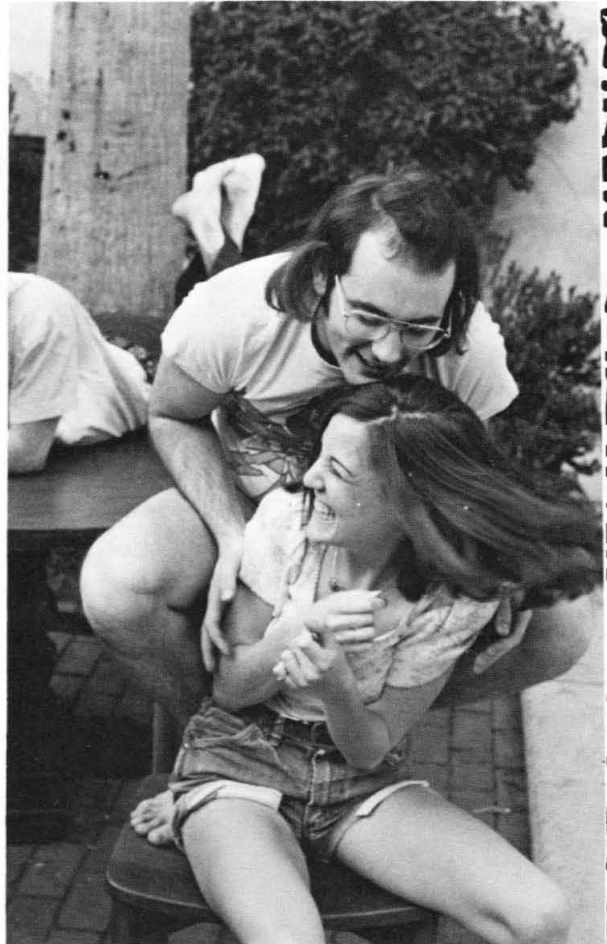


6328 LINN, N.E., P.O. BOX 8636, ALBUQUERQUE, N.M. 87108 U.S.A.
505/265-7553 TELEX NUMBER 660401





Dabney House has taken up a new role in international affairs this year, assuming a leadership role in the fifth world nations. Dabney declared an international border of 200 miles, thus entering L.A. and much of southern California. The revenues from the new province have enabled Dabney to conduct new and exciting exploration of possibilities. Last month, while on a Fact Finding



tour to the outer-
most fringes of
reality achieved
radio contact with
Nirvana. There were
new R.A.'s this
year, pictured to



year right.

And, for a solitary
year in the uncharted
sons of eternity,
there was no food
contract. The Fresh
this year have no
idea what they
will be returning to.
Most of the upper
classmen are moving
off campus.
Our hearts bleed
for you, up there
in the future, with
a mandatory



board contract dapping your
spirit, even during your most
festive occasions. The reason
for board contracts was never
very clear. It seems that some
fool off somewhere subsisted
only on a diet of coke and
potato chips. In the due course



of time, he
succumbed to
malnutrition, went
to the health
center, and so
outraged his mother
-er that she
sued the

institute. So it was.



here were no
orange wars this
year.



en
esey



slept here.

No casualties today,
when a 'black board
in Sloan exploded,
for undetermined
reasons. ($\frac{1}{x \log x}$ got
shook?)



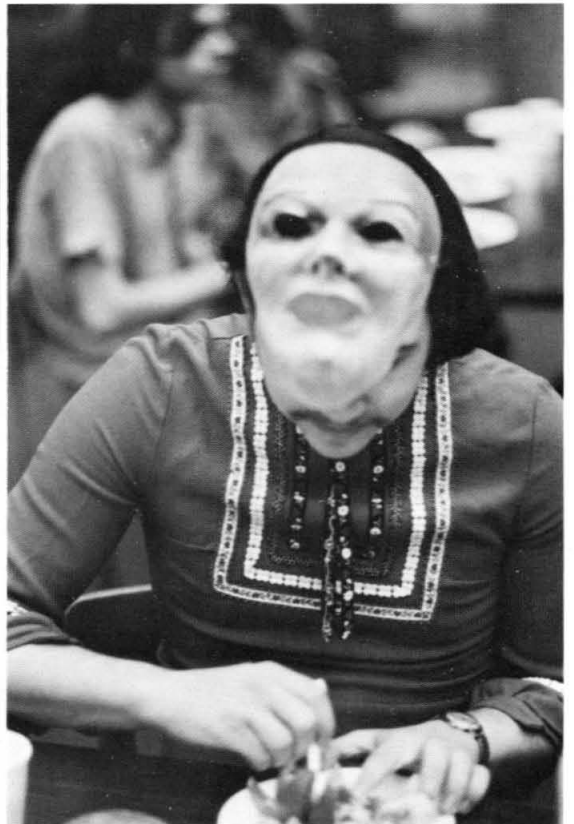
START IN MIDDLE OF PAGE PLEASE.

There were no interviews this year. Interviews are a great way to shield the Caltech community from certain types of individuals, those who have become extremely warped and



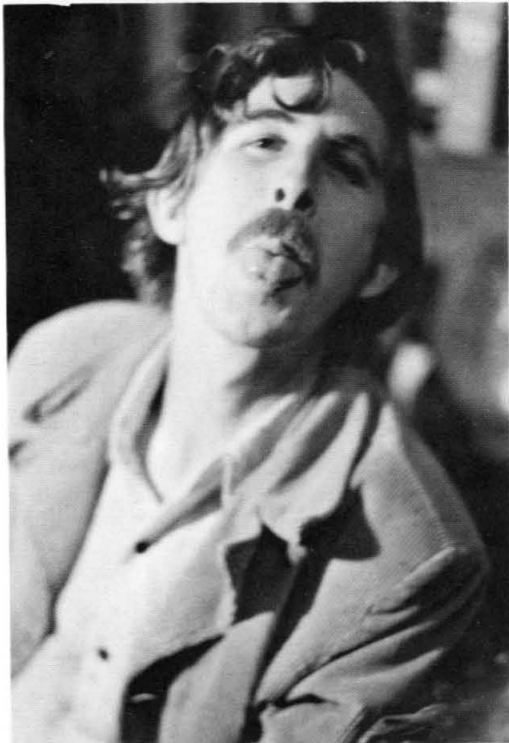
Not having regular house meals slowed the assimilation of the Fresh a great deal. It took much longer to learn who was a Barney Fresh and who was not than usual. (Have you ever noticed how difficult nested constructions are to comprehend? I believe it's just the syntax of English that causes this problem. It seems that the human mind shouldn't have that trivial a limitation.) Any way, the Fresh were strange this year. But there are worse problems than that on sight on the horizon. Due to the energy crisis !!!!!!!

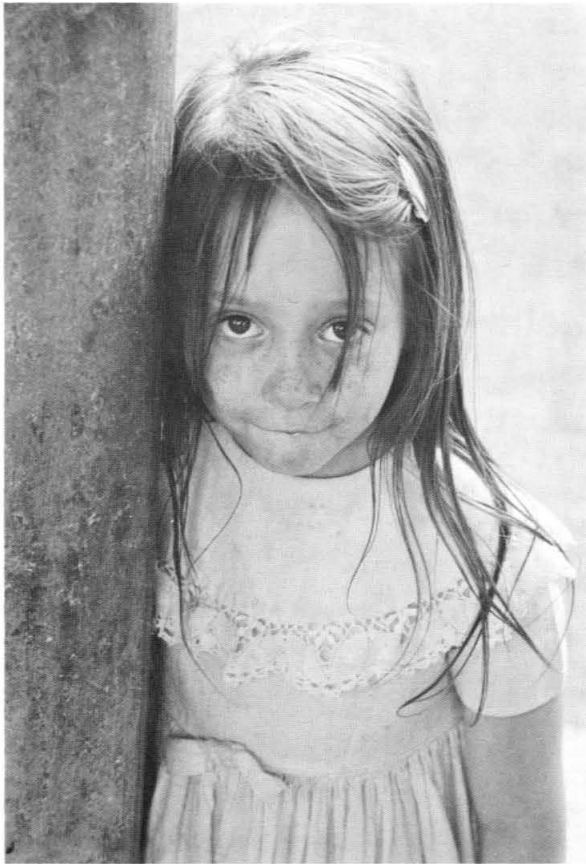
The Fresh class this year was trained to an unprecedented degree of unquestioning obedience to upper class demands. Why, if a Fresh annoyed you, all you had to do was go up to him, extract a promise to shower himself, then wait. Invariably, the Fresh would succumb, and return drenched.





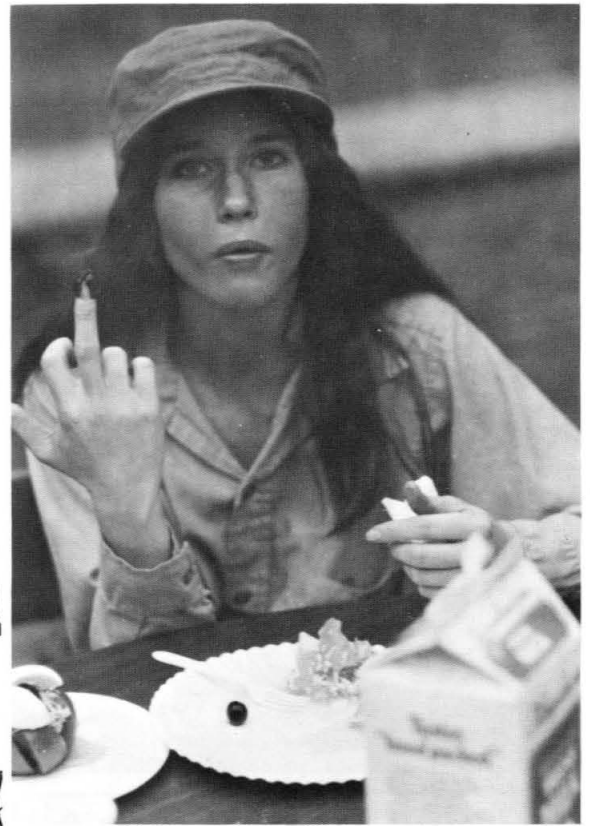






and all those who
 For some reason
 do not actually
 belong here. We
 may feel the
 Brunt of this
 problem next year,
 but maybe nothing
 will happen. That
 would be best for
 this phenomenon.

The wide spectrum
 of female types
 present at Dabney
 is graphically
 illustrated on this
 page!



For a base point: This is June 15 1974 AD, Room 3 Dabney Caltech etc.
 Well, now that you know where and when you are being contacted from, reciprocating
 information of the same form would be appreciated. Aim for 3 AM. Today (see above)
 I am waiting for your materialization at the present moment. It would be appreciated
 if you would bring along samples of your native fauna and flora, as well as typical
 artifacts, and other items you think might be of value. Thank you. *R. L. L.*

A rare
 group
 photo of
 the....
 women
 of Dabney
 House.
 One
 never
 really
 knows
 quite
 what is
 really
 going on
 in the
 mind of



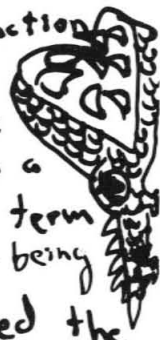
Some
 person,
 better
 left
 unnamed,
 who is
 sitting
 here, for
 your
 benefit
 covering
 this white
 stuff with
 black marks
 that may
 be mean
 something
 however

THE RAPE OF RUDDOCK



A suitable Female was located.

To initiate hostility, and get a little action before the house was alerted, it was determined that a suitable female should be raped. One was located, in a near coma due to overworking on a term paper, who offered little resistance upon being removed from her room. As we neared the



In the great, Dabney inaugurated the First Annual Rudd Rape. Every moving object in Ruddock House was systematically defiled via whatever orifices he/she/it possessed.

The D.L.A. assembled an Expeditionary Force, and, under cover of Darkness dispatched it into Ruddock House. This first incursion was carried out by a small but manic set of psychedelic commandos (psychos). Many females were identified, photographed, and cross-indexed for further reference.

boundaries of Ruddock House, a group of Rudds became aware that we were removing a massive object from the House. Surmising that the psychos were stealing a pay phone they sprang into action, and impeded the progress of Dabney. They fought well for a space, but upon discovering that the "pay phone" was in reality a thoroughly confused Rudd, they faltered. This shocking information had proven too much for their already overloaded neural networks to handle, and they went into a mass catatonic trance. Taking advantage of the lull in the battle, the psychos consummated their victory.

They then returned to the provisional center of the universe, bearing good news.

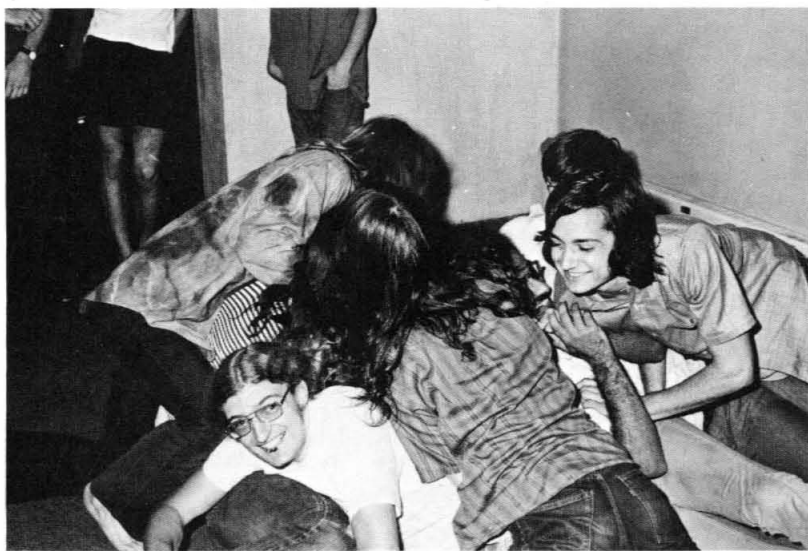
After the short delay necessary to recharge the accumulators of the returning psychom's (a plasma filtration process)

The main body of the fleet debarked for the House of Rodds. Aid was solicited from other powers, the noisy page-dudes, and the blasphemous Lloydies, with scatterings of other houses.

The fleet arrived at Ruddock in a matter of minutes. The Grand Dragon himself led the Ceremonial Burning of the



Cross. Then, the anemities over, The Darbs and Cohorts thereof descended on the House of Ruddock. The Legions of Dabney were indeed terrible to behold. Many odd creatures, deformed in mind or apparel, stalked about in the night, just outside the range of the lights, giving vent to strange cries and obscene chants, which had best not be repeated here. Meanwhile, inside the house, all manner of events were rapidly transpiring. One girl, (we never did get to see what



The Psychom's consummate their victory.

she looked like) saw ten Darbs come around a corner and down the alley. Inside of a quarter second she had covered the fifteen feet to her door, and closed and locked it. The Darbs stood outside for a space, pounding on the door and hooting wildly, but their only answer was the blast of a sawed-off shotgun. Luckily, doors are thick in the new houses, so no casualties were incurred, but the door itself





was sufficiently weakened to permit access to the room behind. Several times, small bands of Rudds would spot the end of our column going around a corner, then thinking to shower these two or three obnoxious darbs they'd chase on after, only to discover that there were in actuality thirty darbs there. Then they would quickly begin

a game of Bridge or another innocuous activity. Ruddock Lounge was pre-empted! in order to deliver a challenge to the House, inviting Ruddack to resist the armed might of Dabney. There wasn't much resistance at this time. Occasionally, a group of Rudds would burst out of Ruddock, only to be met by The Mad Turk, who would rush at them waving his sword, and screaming in some heathen tongue (some English as well, sometimes a "death to the infidels" would be heard amid the stream of incoherent Turkish.) This invariably proved to be too much for the Rudds sense of propriety, so they would scurry back into the shelter of Ruddock. It was indeed a strange night. Off in the distance, Lloydies could be heard singing songs like Jesus Loves The Little Children Of The World, or something like that. The Whirly pig never made an appearance that night, due to powerful restraining spells placed on it by those of us experienced in such matters.



the senses reeled, and many minds cracked under the assault of Dabney.

Ruddock House never really recovered from that night of chaos. Little physical damage was done, but the mental and spiritual effects are indelibly impressed upon the framework of reality. Fourteen Rudds are still under psychiatric treatment, after having forcibly ingested several chemicals unknown to modern science. One of them was knocked right out of this

space-time locus, and began to believe himself to be Merlin the Magician (at least those were the only intelligible words amongst his utterances). The Mad Turk attacked him, confining his crazed mentality to one spatio-temporal plane, while Dabney mustered its forces, in the end annihilating him with a blast of Psychic Energy.
(pat # 621073429)



He was annihilated with a blast of Psychic Energy

One of the highlights of the evening was the summoning of an authentic demon, possessed of a bowl to shove even a Passhee. She devoured a virtual infinity of unlovely Rodds.



reactions to the virile horde from Dabney were quite mixed. There was stark terror, aloof detachment, gibbering lunacy, and perhaps the full gamut of human emotion and response was elicited from Roddock during the course of the great experiment. Many of them found us repulsive, yet there was a certain fascination.

After the rape, at 3:30 AM, the few remaining psychoms conferred in Dabney Lounge about the

"repulsive, yet there was a certain fascination"

Several of our Allies were on hand.

optimal course of action. It was decided to call all of the alley phones in Roddock simultaneously. with a loud horn for synchronization, it was done. A typical conversation follows:

Rodd: "Hello" (unsuspecting)

Darb: "I'd like a pizza to go, plenty of cheese and mushrooms, hold the anchovies."

R: "But we don't serve pizza here!"

D: "Then what kind of food do you serve?"

R: "This is a dormitory, not a restaurant."



BLACKER HOUSE

Photos due to: Riedinger, Rollinson, Goodson, Harrow, and maybe Mickle, with an assist from Sigworth.

New year, new frosh. Every frosh class has its share of neat people. Is a potential Plaag in there amongst them? A Zajc? A Dayna? This is what rotation week set out to find. As usual, it didn't.

Rotation speeches were a little busier than usual—except Tajima's—but the usual meetings in the Library and rating arguments went on. Visual aids were employed this year; transparencies were made of the mug book and frosh were projected on a screen. Most educational results ("Aaaaauughh! HIM! RATSHIT, RATSHIT, ..."). The highest-(lowest-) rated froshlings were, with proper pomp and ceremony, baptized into the Church and the House of Blacker (ttboai). Another bizarre bunch: champion hula-hooper, Carver Mead's bastard son, another Anwyl, a jock or two, and one frosh I just know we'll be Saari we got (bet your Wang!).

The Black Hand appeared on schedule (roughly), this year with his faithful companion Igor, who eats flies. No Scurves this years, but many Blacker frosh found out the REAL reason Tech has such a high attrition rate.

Speaking of eating it, this was harder than usual this year as we had no food service. Montgomery Catering did it at first; later the Six Headwaiter (no, Eric) System was adopted. Fuck the Colonel!

The Lounge Run once again made Men of the frosh, especially Louise and Joanne who were caught hiding in the kitchen (shades of Kiturah Sue!). Stall and Jones led the frosh in trying a (what else?) frontal assault. No survivors again this year, but Mickle evidently made a new friend (see photo).

Mead came back from a rallye one Saturday night, only to find himself back on another one of sorts, ending in S.F. (no, not Fernando, Reyes).

DeBenedittis became the first female to ask, "What's a Six-Man Lift?" She was shown in no uncertain terms, but lived to tell of it.

Somewhere about here, Interhouse was celebrated. The IHC, in its quasi-infinite wisdom, moved Interhouse down two weeks from its usual position. Nice try, but it rained anyway.



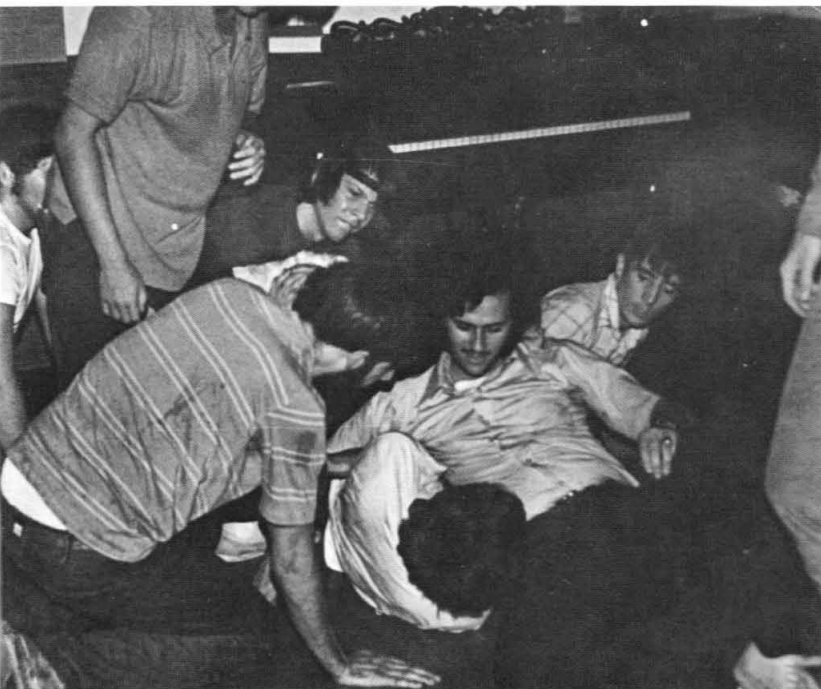
President McElroy reminding the people that he is the people, make no mistake.



Blacker Construction Co. strikes again.

LOUNGE RUN

Don't struggle; it's a simple, painless operation.



Forgerson: "Oh, Bruce! I guess I just never met a real man before."



What is this man pointing to?



Depraved Frosh prepare to meet their doom.

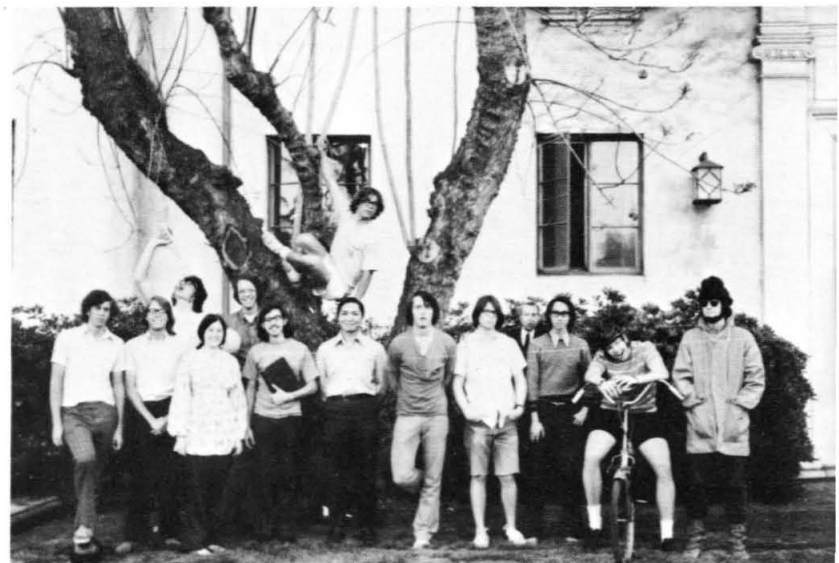


SENIORS—(l. to r.) First row: Dan Packman, Janet Wainwright, Laurie Schalit, Pat Tressel. Second row: Mary Eichbauer, Doug McElroy, Lee Vibber, Bryan Jack. Third row: Steve Matthews, Bob Stanley, Bruce Montgomery, Jim Vibber, Alan Coltri.



MORE SENIORS—(l. to r.) Ray Lem, Sweetheart, Joyce Hsiao.

JUNIORS—(l. to r.) J. Weatherall, A. L. Buck, C. Hales, E. Garber, E. Hansen, D. Smallberg, S. Young, W. Zajc (in tree), J. Polchinski, B. Mickle, R. Nixon, N. King, P. Goodson, C. Drowley.





OFFICERS—(l. to r.) Front: Deanna Hunt (Soc Chair), Doug McElroy (President), Dave Smallberg (Secretary), Dan Packman (Treasurer), Bill Zajc (Ath Man), Dayna Salter (Mother Sup), Marc Cimolino (Librarian). Back: Todd Boroson (Veep), Hema & Dave Weisblat (RAs), Robert Tajima (Soc Chair).

SOPHOMORES—(l. to r.) Sitting: T. Boroson, D. Weisblat, J. Riedinger, H. Weisblat, D. Salter, J. Dudziak, H. David. Standing: R. Higley, M. Cimolino, D. Solomon, D. Wang, D. Hunt, C. Kistler, R. Rairden, W. Dickenson, P. Ho, J. Billingsley, T. Himel, C. Kojima, J. Horn, D. Miller.



FRESHMEN—(l. to r.) Front: G. Anwyl, G. White, J. Muramoto, D. Callaway, B. Nakazono, B. Jackson, K. Phillips, M. Howe, L. Mundy, E. Eichorn, R. Mead. Back: D. Tyler, R. Stall, R. Forgey, E. Rodrigo, S. Walton, M. Saari, C. D. Forgeron, L. West.



ICE BLOCK RACE



But we didn't care. All but an abortive outdoor "Street of New York" background sort-of project was inside—and even that would have worked but for the rain. Indoors was a re-creation of sorts of a casino and speakeasy *circa* 1925. The dining room featured Tiffany lamp-chandeliers, a live band, the world-famous Blacker Bar, and five highly indecent flappers (Pauline, Anita, Linda, Melody, and Jodi), one of whom kept getting arrested for soliciting a pair of very Squirrely-looking cops. The lounge was a regular Back Room, featuring continuous poker and blackjack, McElroy and Himel running a roulette wheel, and Charles "the Enforcer" Hales and Rollinson running the crap game. Bathtub beer was on tap, with DeBenedittis stirring it with her body (ahem). The main problem was that people had to come in through Ricketts, which no doubt cut attendance. But fun was had by all there (Harold won \$500 at the roulette wheel), and gee, it cost about \$600 less than Page's Interhouse. And as usual, it took weeks to clean up.

This year strange sounds began to emanate from Cannes. As near as can be told, they sounded like: "GUUUUUUUUUUUL! ... AGHA! AGHA! AGHA! ... POW-WAH! POW-WAH! POW-WAH!" All that the inhabitants of Cannes will let on is that it involves "the mental over the physical" and that it is "very big and very wet."

Speaking of jocks, Blacker won its first Interhouse Sport in twelve years in softball. This featured a close loss to Ruddock (20-19) and a close win over Ricketts (18-17). Bob Durst was walking back with some Blacker people after the Blacker-Page game, which he had not been to.

Durst: "You guys play Page?"

Blacker person: "Yeah."

D.: "What was the score?"

B.P.: "About 15 to 9."

D.: "Well, we expected you'd do a lot worse than that. That's not really bad."

B.P.: "Oh, no, Bob. You don't understand. We won."

D. (pause, then): "Don't shit me, Blacker Mole!" Ah, but it was no shit, Bob. Whatta buncha jocks ...

Roomstacks were infrequent this year. One good one was a library-table stack of Smallberg and Sung in Sung's and Phillips' room. This was highlighted by a telegraphic correspondence between Smallberg and the Outside World through a series of 51 short notes. They may still exist somewhere.



FOR YOUR 1973 YEARBOOK



Perhaps it might be appropriate at this point to mention the strange epidemic that swept the house this year. I don't want to be indiscreet, so let's just say that the coupling constant was much higher this year than in the past. Even some of the most asexual seeming physicists.

As the term ground to its inevitable close, the PDP-6 or 7 occurred (that's Posh Dinner Party to you). It was organized by a bunch of off-campus types and it came off superbly. Schalit and Eichbauer seemed to do most of it, with such worthies as Jack, Rubenstein, Coltri, the Lightys, and others helping out. Wine was plentiful, good stuff too, as was the food. And for once there were enough cee-gars to go around. Blacker House showed once again that it is, sometimes, truly the House of Gracious Living.

And suddenly it was that time of the year again, and the upperclassmen went into the froshes' rooms with putty knives at 8:05 in the morning to scrape them off the ceilings after the Ride.

After the Christmas Intermission, second term began.

In some ways, second term is the worst. Too far from the End to be exciting and too far from the Beginning to still be novel. Oh, well. Certain people published a List (not to be confused with the earlier Corson-DeBenedittis Survey) (or Alverson's List of Forbidden Women, though similar) on the Library blackboard. Hema and Melody won (I think).

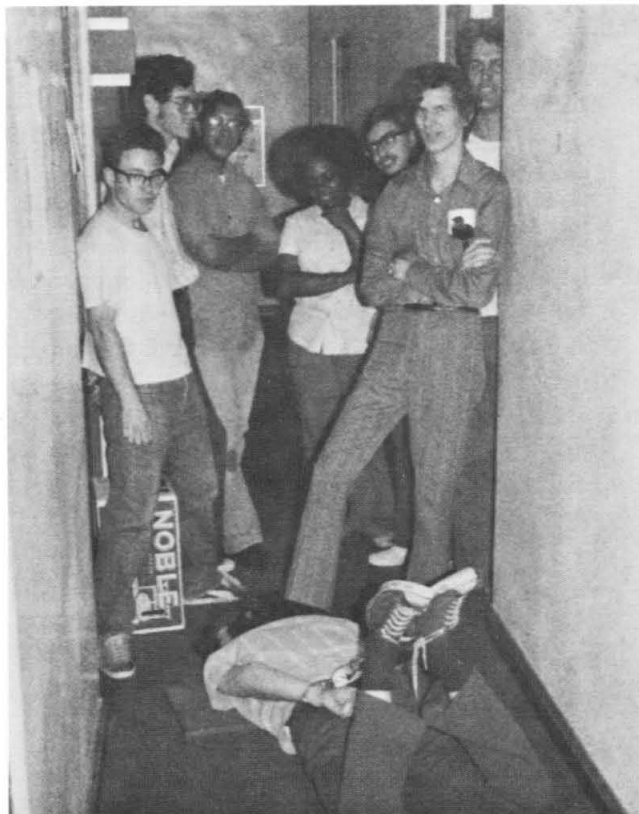
Hoppe came back.

QED made its third annual appearance. Would you believe engraved invitations? And like the man said: "It's not whether you win or lose . . ."

In a burst of creative ability, Himel and Cimolino converted a pile of bricks (left over from last year's Interhouse) into a near-functional barbecue. Most of the third-term Monday meals featured steak *aux Drowley et Zajc et quelquefois* Walton.

And then one night, Tunnel announced to Cannes: "We will bury you!" And they did, too, with the help of half a dozen or so shredded phone books. Knee-deep at times.

Finally, after a full year of debauchery, mismanagement, and unlimited power and authority, President McElroy agreed to relinquish the office and hold elections. It was a tough decision, believe me. Lon (Dad-gum) Rollinson became the new president, defeating David (Moo!) Smallberg, while Schlaffer beat Dickenson for Secretary and Himel rose to the high office of Treasurer. A touching moment: Smallberg looks in the "S" box after the election and says, "Oh, wow. How cute, they're still putting the secretary's mail in my box . . . OH, SHIT!" Quick on the uptake, Dave. Second-round elections were almost as much fun, with Goodson winning for Veep over Walton. Meanwhile, ten people won the other three major offices and many people won the absurd offices.



Deanna: "It's called a 'toe', Paul, t-o-e."

POSH DINNER PARTY

Chure, let's leans on him a liddle.

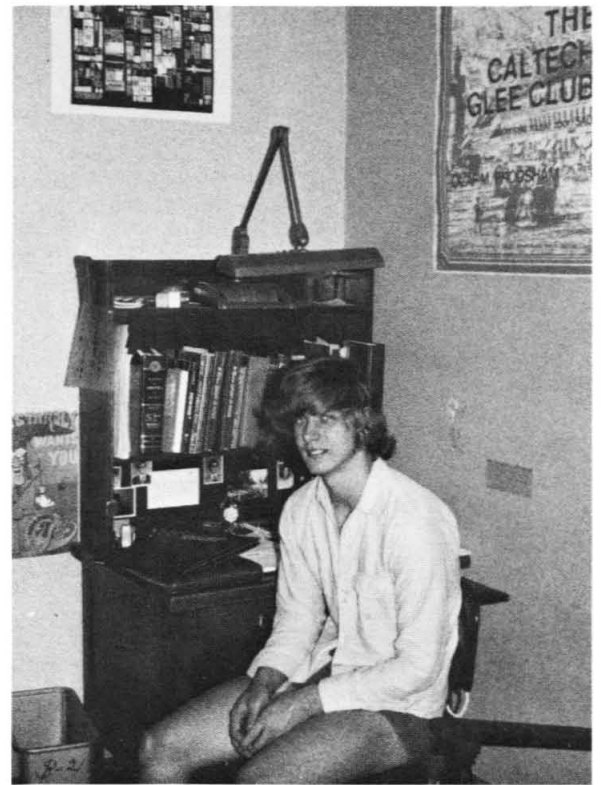


Hema and Dave decided to be casual this year





Blacker Assholes



If you see this man, call security at once!



This is a senior picture

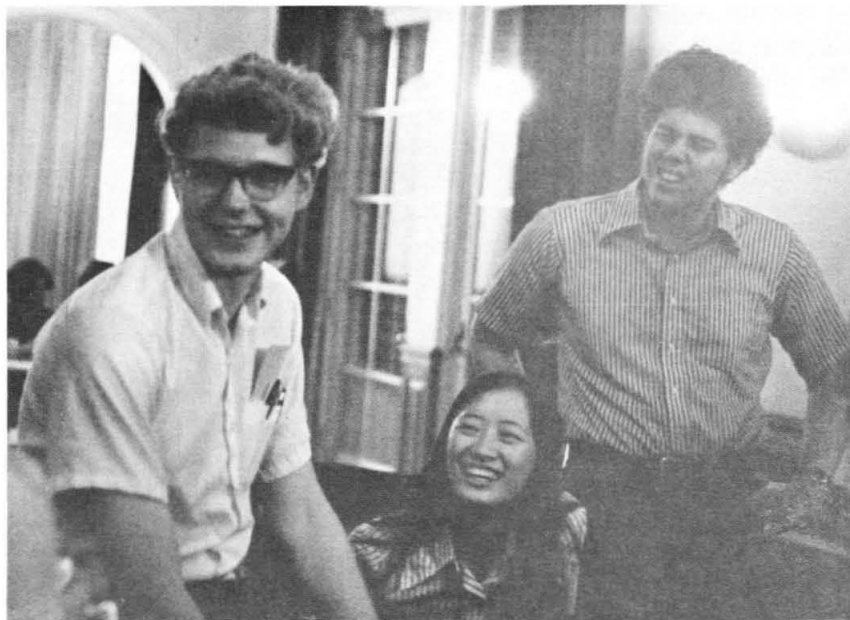
*Jeffrey John Harrow
Houston, Texas
Applied Physics*

Oh shit! Which one has the LSD in it?!





Frosh mingling

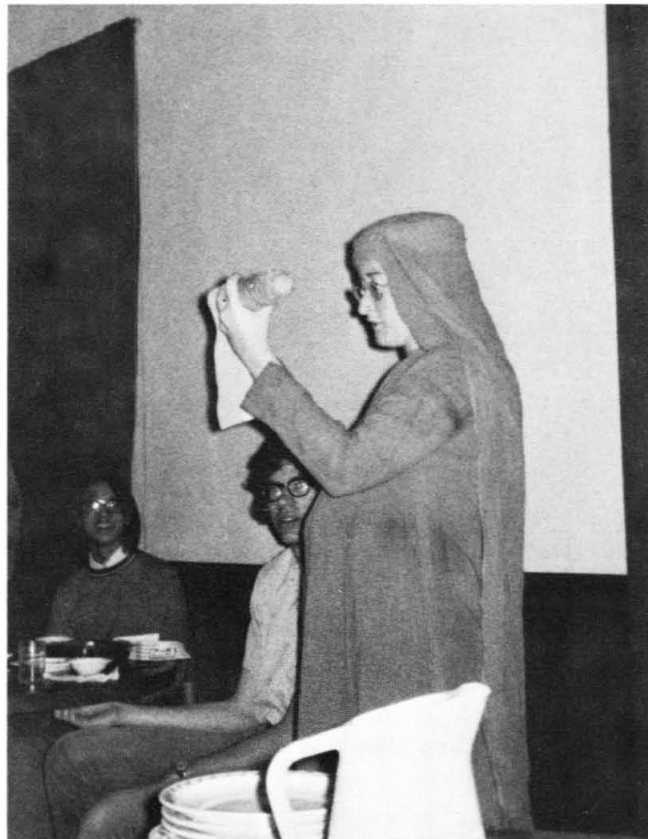


The new social chairpeople decided to start their terms of office by getting S.U.C.K.E.D. off . . . to a fine start. It finished well, too, except for the fact that it rained a bit near the end. Goodson, Nakazono and others allowed latent pyromaniacal urges to show through and made nice bombs for the Mad Bombers. Oh, well, people danced anyway.

Several people expressed a pressing need for a certain frosh. (Stall: AH NEED 'IM.)

Zaje became a felon. But not quite a child-molester.

And then, third-term Madness set in, indicating that it must at least probably be third term.



Davis being raped



Frosh still mingling



One manifestation of the Madness was that Kriegspiel swept the house. Introduced by Montgomery, it even sort of replaced Demon and bridge as favorite time-sinks. Siamese chess was fun, too.

Many social events happened (what with four socialchairpeople and all), some more successful than others. Hamlet was sort of fun. Dodger games always are. And ice-skating. And ice-skating. Dr. Mayer hosted the fourth (?) annual Wine-Tasting and Fondue Party. (Yes, Billy, next year more wine.)

As the End draws near, things happen faster and faster, or maybe it's just that the writeup starts getting more and more telegraphic, I don't know.

Forgey bites ass. (Barf, barf.)

Joanne came back for all too brief a time.

As the secretary seemed to be having trouble getting a roomlist out, persons unknown helped him out by publishing an Underground roomlist. "Eats French hot dogs on rainy Mondays"??

Smallberg got onto the IHC in spite of Rollinson by becoming IHC Secretary. I'm not sure who deserves which more.

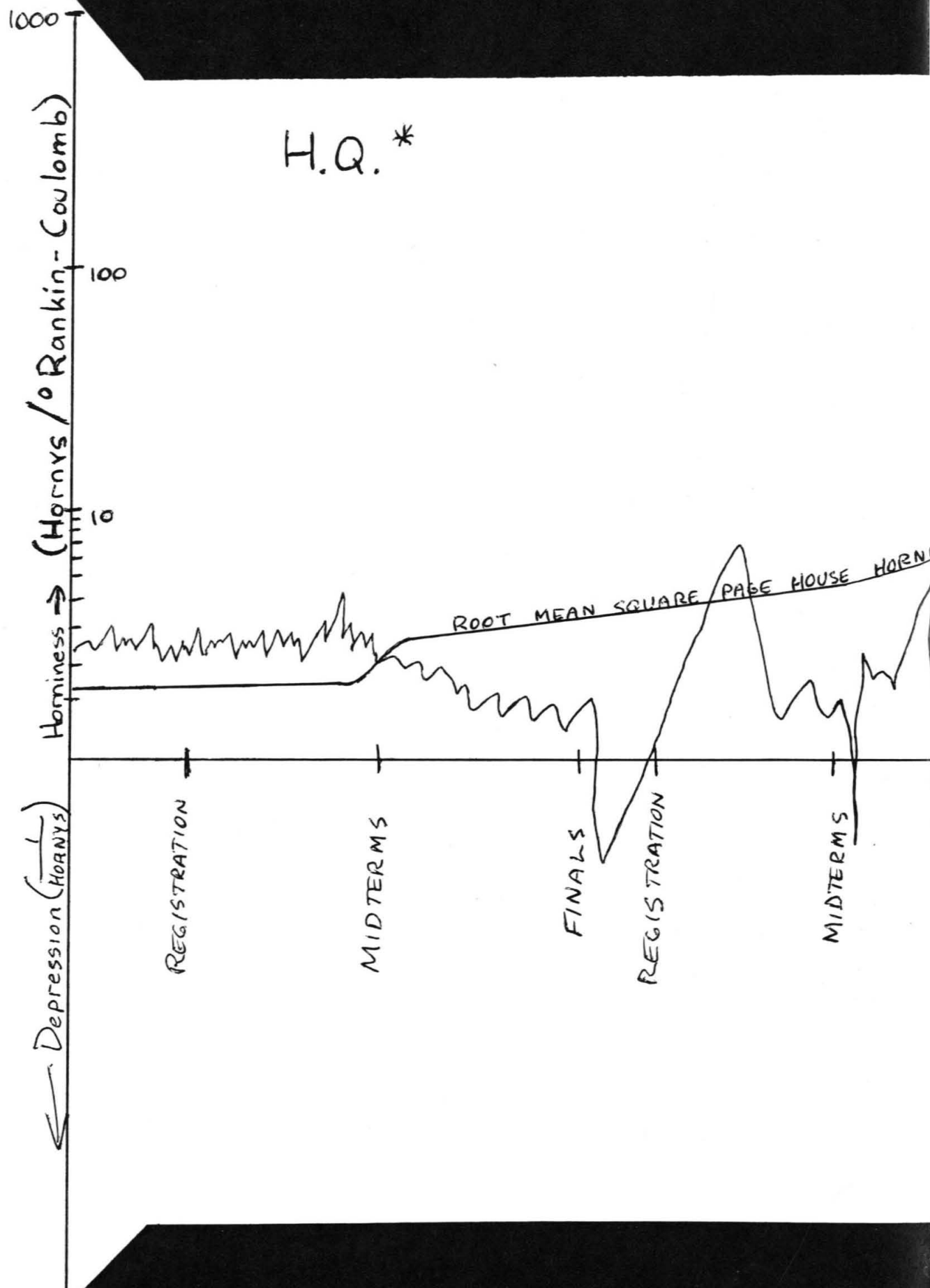
And now, here it is. The End. Everyone's leaving. Games adjourned until Fall. Consider the flux. We lost a lot of people: Eichorn, Reyes, DeBenedittis, Hagiwara, Gilray, Silent Anwyl (FUCK SCURVES), Hoppe (again!), Lewis, Stanley, Edberg, Harper, and it looks like Solomon and Muramoto, to name just a few (I wish I had the Reyes Memorial List handy). And the weirdest types are returning: Eichorn, Reyes, Lewis, Hagiwara, Gilray, and would you believe John Allen? Oh, no, could it be . . . Art Davis?! Maybe Paul Levchak (ask a senior or grad—it's been so *long*). Maybe others too spurious to mention.

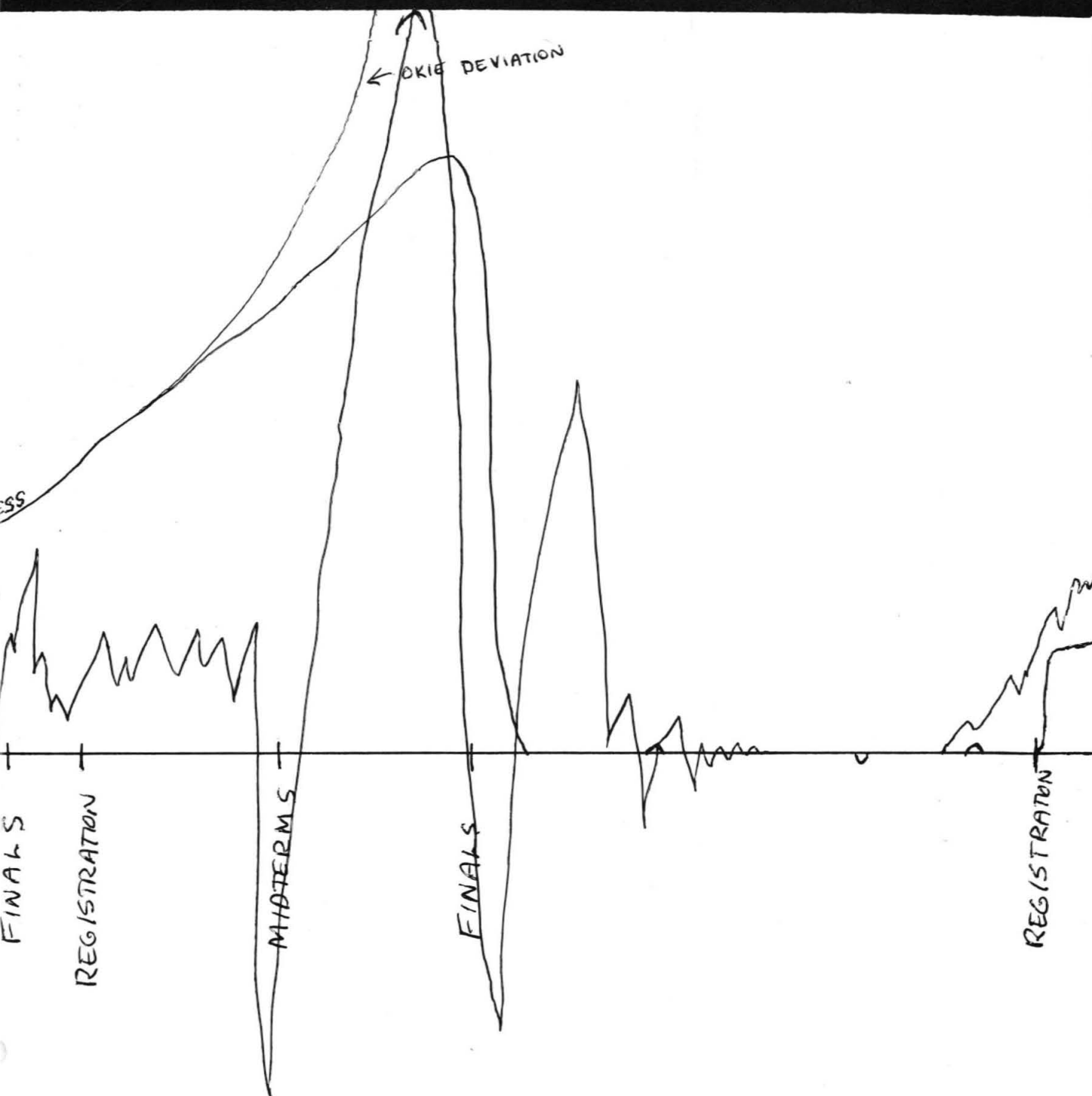
And the couples! Take a deep breath and follow along in your books: Pauline & Lon, Cindy & Wes, Louise & Polack, Mel & Zajc, Mel & Lester, Mel & Weatherall, Erna & Schlaffer, Muramoto & Packman & Smuckers (sorry, Dan), Garber & Stark, Eichbauer & Matthews, Sung & David (heh, heh), Phillips & Rairden, Dayna & Drowley. It was an unusual year. Several people, including McElroy, are finally going to make honest women out of otherwise dishonest ones, such as Linda.

That's about it for this year. I've gotta go now; see y'all later, as Lon might say. I've got this rendezvous with a truck.



PAGE HOUSE PRESS





* Horniness Quotient

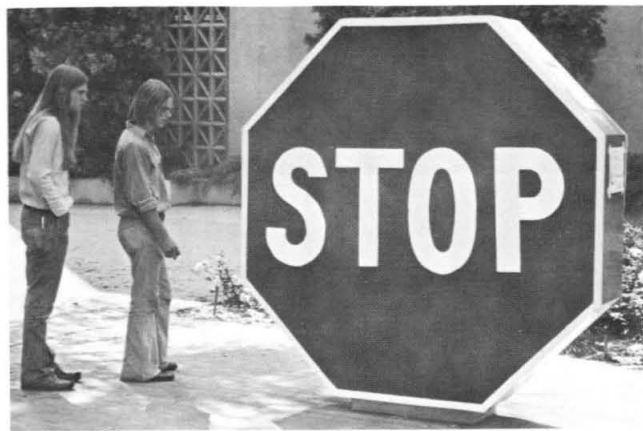
*Listen, my children, and you shall hear
Of the stirring tale of the Greek's last year.
Hardly a Dude is now alive
Who remembers that famous day and year
When the Greek arrived, when he first came here.*

The Greek was concerned, though perhaps not as worried as Frobbs, for Page House faced a year without a board contract. Yes, the social structure of the House of Page was being led down a darkened alley. Would the frosh voluntarily put themselves onto a Meal Program? Would the House be able to keep it going?

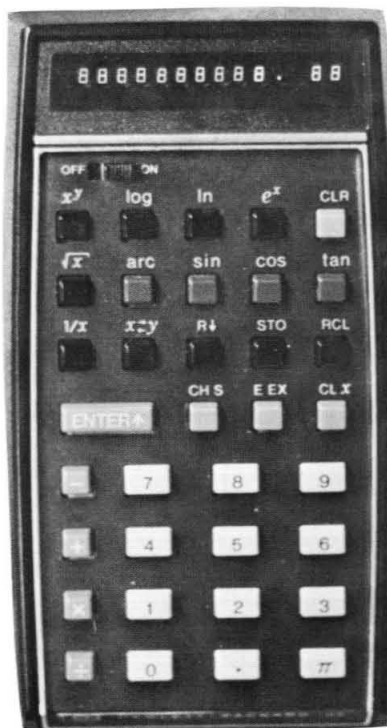
The Enemy struck first. The Word was given that there would be eight singles at the beginning of the year, and a corresponding transfinite number of frosh. The Greek was relieved to see a counter-blow take the form of a command to STOP.

The fledgling meal program was organized for four nights a week, and given into the lap of the Stemple and the Harrow. The Greek witnessed the birth of the Surly Night Thursday Waiters, who immediately moved steak dinners from Saturday night to their own.

The Greek was shocked by Page's softball defeat at the hands of the whimps of Blaker; his relief was apparent when the final results showed the evil Flems down in fourth, 22½ Interhouse points in arrears.



"Stop what!?!?!"



TurKEEs and ShortEEs made their appearances, and brought about the Year of the Big Interhouse. Michon's Project Pegasus took shape slowly. Things began to waver in the eyes of the Greek.

The Greek was amused by Margoliash's story of how he was stopped on the way to the Farrell's flick by a surly policeman who wanted to know why the people in the back seat had sacks on their heads.

The aqueous frosh struck back, proving their toadliness by organizing the Page House Reckless Or Surly Henchmen, and showering one upperclassman each day. By the time Interhouse rolled around, these aqueous frosh had become reasonable; the other one was moving off campus.

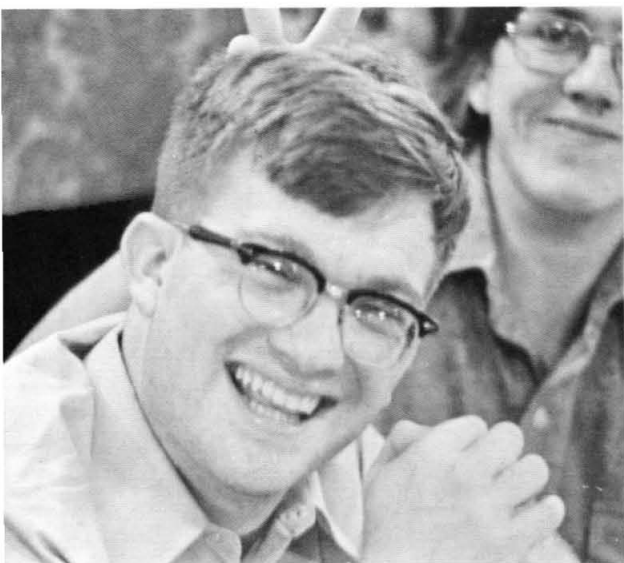
Discobolus finally happened. The Dudes defeated Fleming in tennis and Dabney in softball, and then it rained. The Greek wondered if he should go on the Disneyland flick or not.

The mylar finally came. So did Okie's friend Connie. Would Project Pegasus be finished in time?

The frosh were indeed becoming reasonable. When they stomped the Fleming frosh, 12-0, in football, it was decreed that they would be allowed to refrain from standing on chairs. The Greek fought off a slight touch of depression.

Hobbs painted the control room floor fifteen minutes before Project Pegasus was supposed to open. President Brown was not pleased.

The Greek realized that 144 Tom Swifties were gross.



"What? Kill the wabbit? I don't understand??"



*"Maybe if we put the frammistat here we'll get that full page spread in."
"What about the audio?"*

"Good Lord, men! Look at that!"



"Bite me."



"What?"

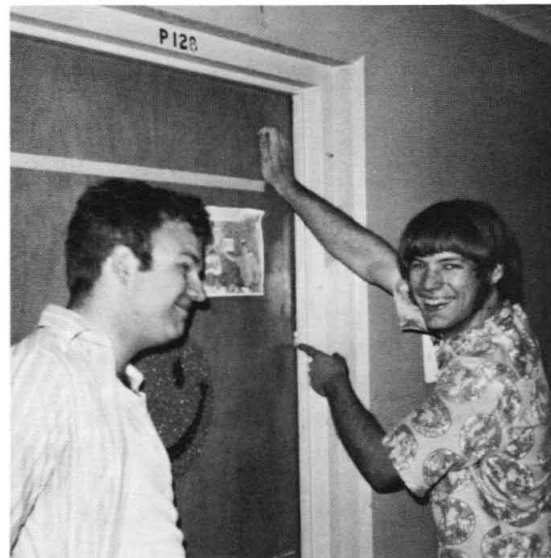
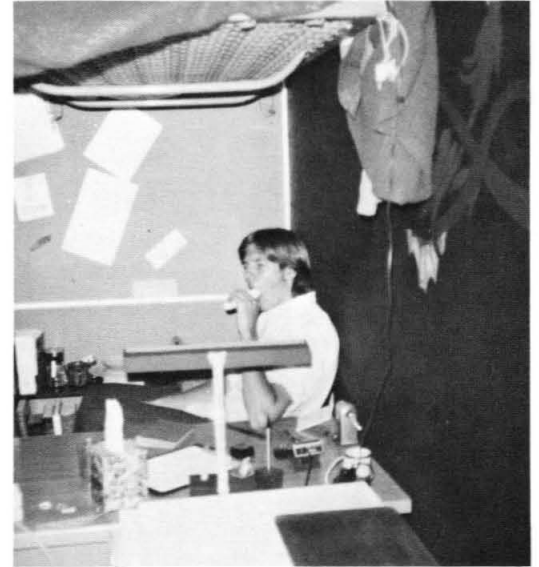
*"Gee, Mr. Burger, do you mean I'll be happy when I pull this lever?"
"That's right, child."*

"'Reckless Or Surly,' huh?"

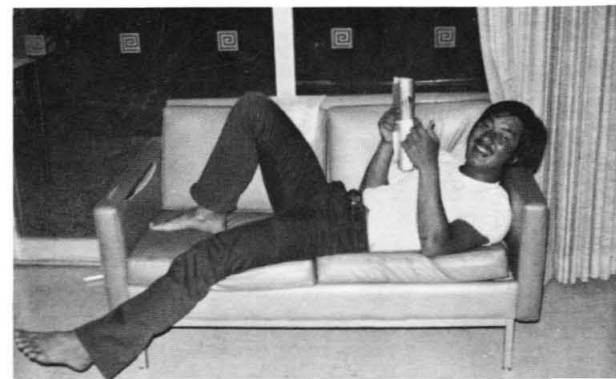
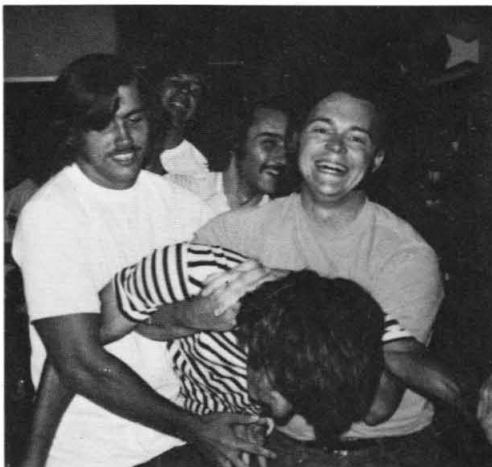




"Bring me . . . my brown pants."



"Oh, look, Bruce! We are stacked into our room!"

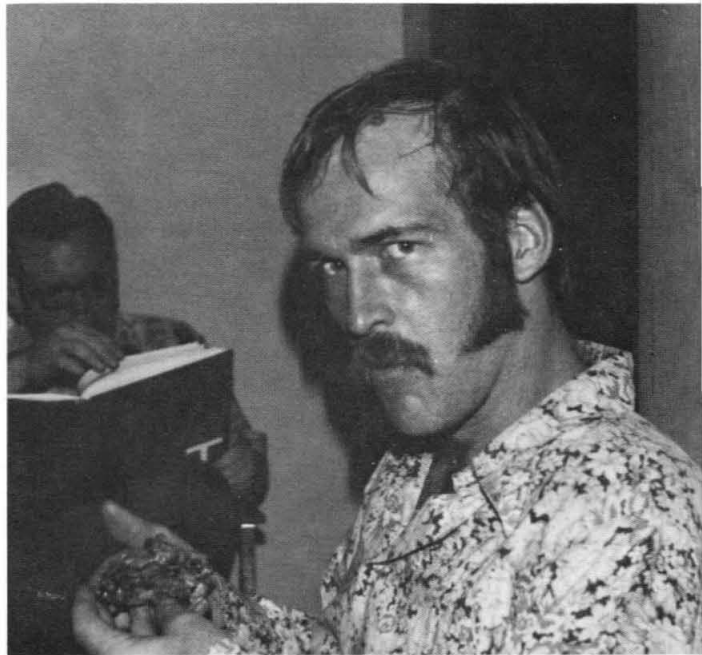




"Me next, Jim. Me next."



"Gosh, Novi, you're such a man."



Second term began with the order to finish cleaning up Interhouse. The Greek was boggled by the large volume of garbage Scheffer was sneaking upstairs for obscure purposes.

Ski trips were the order of the term. The social team of Beatty and Hoit arranged two of them. Page House discovered the dangers of hardpack. The Greek looked on with mild amusement.

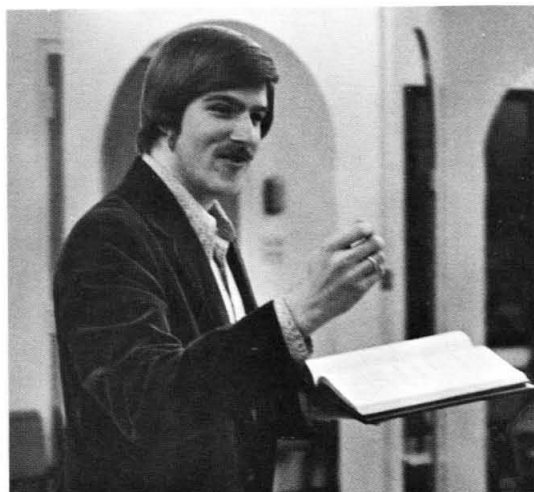
Stockinger, in a rage of frustration, found his foot sticking through a plate glass window which eventually cost him three hundred dollars.

Maneuvers against The Enemy began in earnest. In order to throw him off guard, SFVN-A volunteered to erect (for a price) His next sculpture. Meanwhile, O'Rourke found a new money sink, and made fifty-dollar telephone calls to Oklahoma. Rumors were rampant that the campus architect was planning to remove the Memorial Ramp. The Greek laughed.

Stemple claimed "It's that time of the month again," and the Page House Meal Program went to five nights a week. Jack wasn't worried because elections were imminent.



"Hm," says the Greek, "this is mildly amusing."



"Well..."

"Take this, ya lousy fanatic."



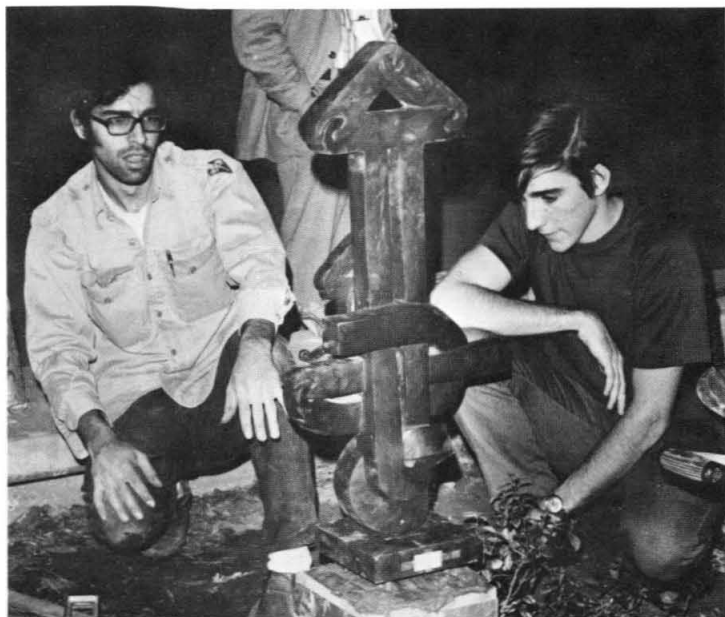
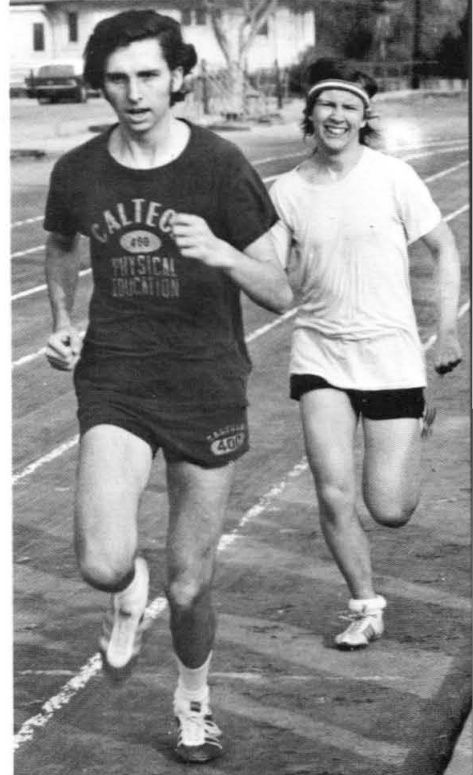
The Greek shook with glee as Chun came back to lead Page to a glorious victory in Interhouse volleyball. Blacker was defeated in Discobolus softball with an incredible come-from-behind, 8-7 victory. The Greek knew that revenge was sweet.

The Women's basketball team defeated the Rudds and brought spirit and pride into the House.

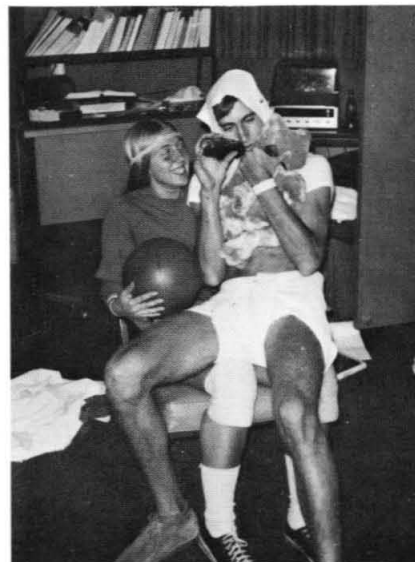
A new set of House officers was elected. Schladweiler became Burger King, O'Rourke took over the Faculty Fellows Program, Kober stayed on campus, and Wakai took over Stemple's headaches.



Pegasus eventually got cleared away, and Smoody continued to make appearances at odd intervals.

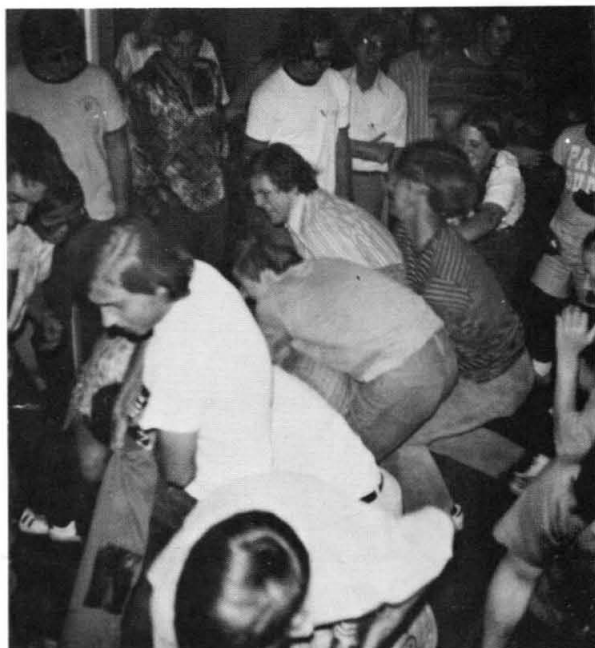


"What is this?"
"It's Dirty Dave's."
"Dadgum that's impressive."



The Froshes were initiated into the traditions of Page House. Some of them thought that they were finished; they didn't know about SAFADA.

DesJardin missed a few birthdays. Loveman misplaced the bell again. Scheffer was still amassing peculiar objects. It occurred to the Greek that his last term in Page was going to be awfully strange.





FRESHMEN—Standing: Mark Henderson, Ed Kober, Kerry LaPrade, Rich Pietrasz, Jim Oliver, Larry DesJardin, Joe Alonis, David Rolfe, Barry Megdal, Lou Scheffer, Fred Solomon, Rich O'Keefe, Steve Trimberger. Kneeling: Paul Schubert, John Manley, Bill Holland, Bill McCown, Bob Loveman, John Gilbert, Pui Kwong Lam, Jim Houseworth, John Loo, Doug Brandt, Ed Rea. Sitting: Tullis Onstott, Steve Kellogg, Kau-Kwok Ho, Jean Uwate, Debbie Wilson, Al Vazquez-Cuervo.



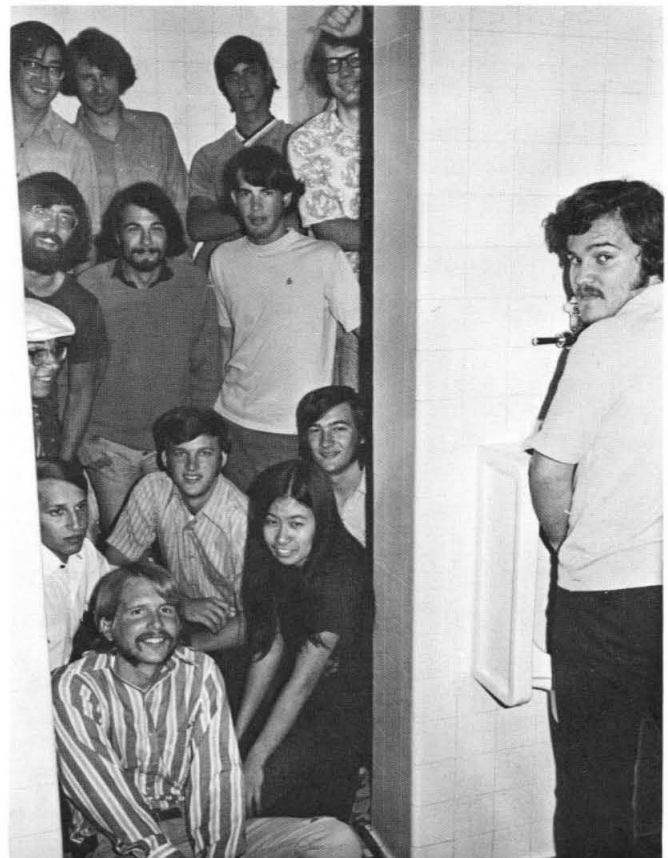
SOPHOMORES—Back row: Lewis Hashimoto, George Fuller, Gary Wakai, Claus Makowka, Dennis Mallonee, Russ Greiner, John Tristano. Front row: Steve Flanagin, Ed O'Rourke, Steve Klein, Chris Schwendiman, Jim Kaye, Art Moore, John Baker.



JUNIORS—Back row: Wilson Ho, Doug Schladweiler, Jack Stemple, Ted Michon. Front row: Lou Scheffer, Bob Cowan, John Denker, Bruce Schupler, Dave Beatty, Ken Wiener, Dave Novikoff, Mark Bandhauer, Mike Bandhauer.

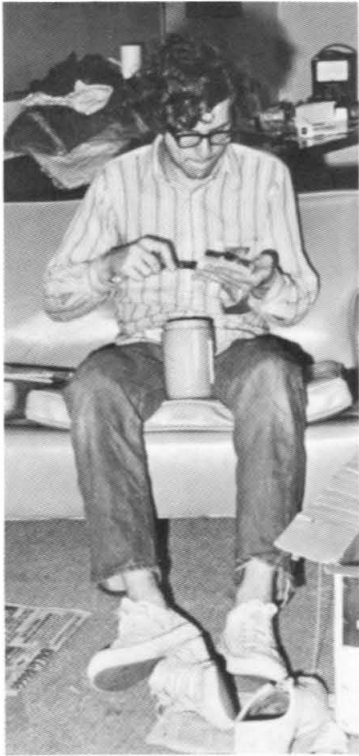
OFFICERS—Rear to front: John Loo (Ath Man), Dave Beatty (Social Chairman), Joe Alonis (Ath Man), John Denker (Rep-at-Large), Doug Schladweiler (President), Greek (RA), Jack Stemple (Ath Man), Ed Kober (Secretary), Dave Novikoff (Rep-at-Large), Mark Hueschen (Librarian), Kerry LaPrade (Social Chairman), Duane Boman (Social Chairman), Peggy Otsubo (Librarian). At work: Ed O'Rourke (Vice President, Okie).

SENIORS—Back row: Lou Scheffer, Bob Fisher, Dave Peisner. Front row: Frank Hobbs, Peter Beckman, Mike Mariani. Present but absent: John Caldwell.





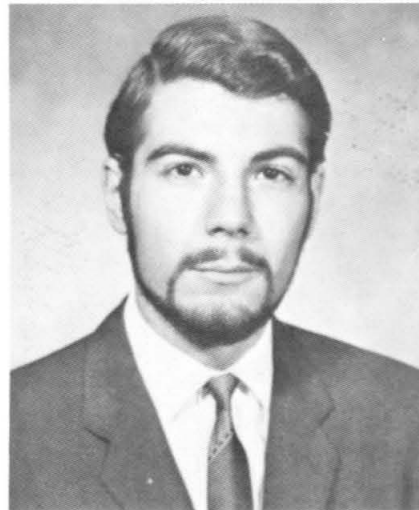
• **NO PARKING** •
OLIVE WALK AREA
EXCEPT FOR LOADING
30 MINUTE LIMIT
VIOLATING VEHICLES
WILL BE TOWED AWAY
AT OWNER'S EXPENSE
CAL VEH CODE 22658
PASADENA PD - 577-4241



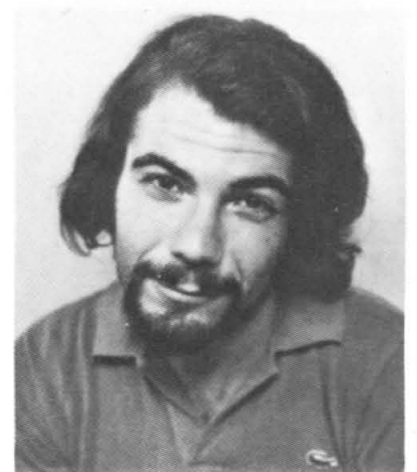
OUR HERO



BEFORE



DURING



AFTER



Third term began with the Great Exodus. Singles sprang up throughout the House. The Greek was impressed when a frosh single appeared. Mallonee made good on his second term promise to Kober; Page had not seen that many comic books since Coates went away. Novikoff reinstated a Deli. Bibbins came back at approximately the same time the new pinball machine appeared.

Alley surfing was the rage for a day. Wilson mucked up her pinky finger and went around claiming that she'd been parapet surfing on top of Millikan. The Greek knew better.

The House went to Ontario (no, not in Canada) for a rock concert, but got sunburned instead. Ditch Day was tomorrow.

Nakazono of Blacker broke an additional plate glass window. The Greek claimed it was an accident. The rest of the House remembered the two softball games.

Anyone for San Clemente?

The women beat Ruddock in volleyball, and the frosh beat Fleming in basketball. After a second place finish in IH swim, it looked like the Interhouse trophy would boil down to the Page-Fleming football game. Ditch Day was still tomorrow.

The Greek knew his time was approaching when RA candidates began to show up for dinner. The Greek finally realized that the RA's suite was a contradiction in terms. By the time Hobbs announced that Ditch Day was the day after tomorrow, everyone knew he was right.

Beckman offered another birthday party, and nearly killed everyone in the House with a single punch. The House consumed two half-kegs at the great Beer-Drinking Challenge. Margoliash's alley got clobbered. The Greek found out that alcohol still causes people to do strange things.

Peisner's birdies hatched just in time for one of them to get in the way of his stack and fall out of the window. Ditch Day had arrived. Big Red was ready. So was Scheffer . . . almost.

Two days later, Big Red was hoisted up the Millikan flagpole. Several people saluted. Security found itself unable to raise a flag in the morning.

The Greek sighed with regret, but it had been a good year for Page House. Indeed, a stunning football victory over the Flems laid claim to Interhouse. Page received the Varsity Rating Trophy. The Ath Men promised not to screw up Discobolus again next year. The Greek was glad that he would be around until next January.

But with Stemple, Hueschen, Otsubo, Ho, Kaye, Beatty, Hoit, and Novikoff as UCC's, would the House?



**THE
MASKED
BANANA!**





Fleming House

The start of the new year at Tech is always a time for reflection. There are few things which fill the soul with more emotion than to watch a new group of freshmen leave the bus prepared to dedicate the next four (or five or six . . .) years of their young lives to the pursuit of Truth and Knowledge in the finest tradition of the creative scientists and engineers who have trod the difficult path before them. But with the start of classes, one must return from these higher levels of consciousness, and begin to worry about how to make life as bearable as possible considering the circumstances.

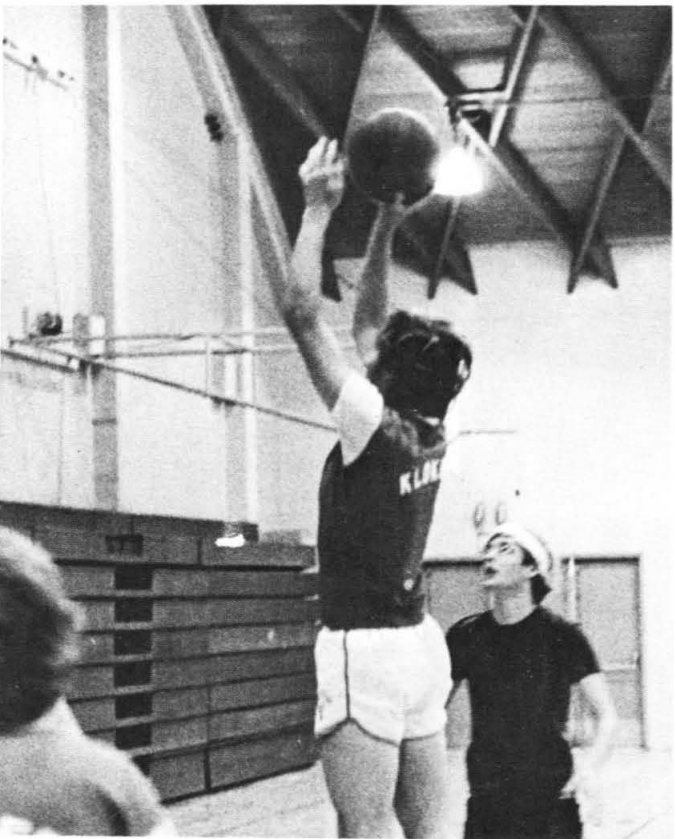
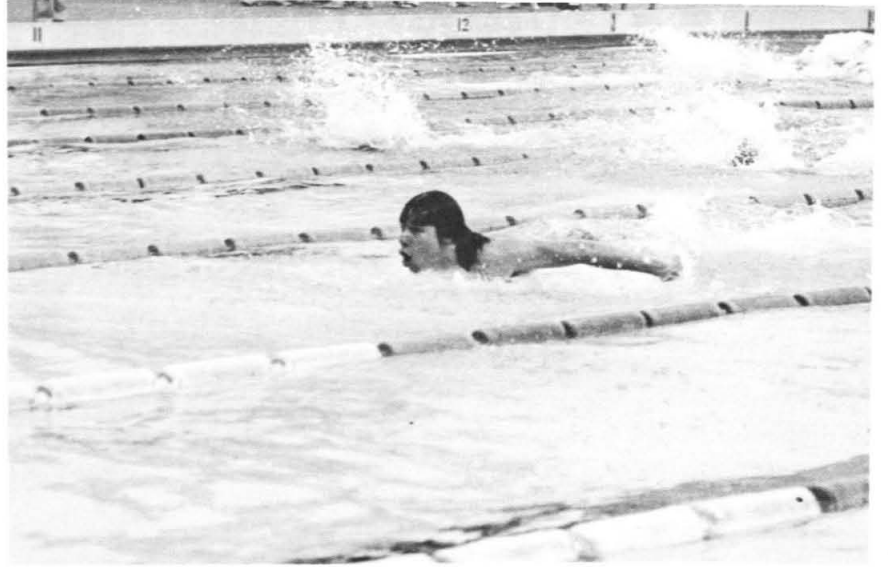
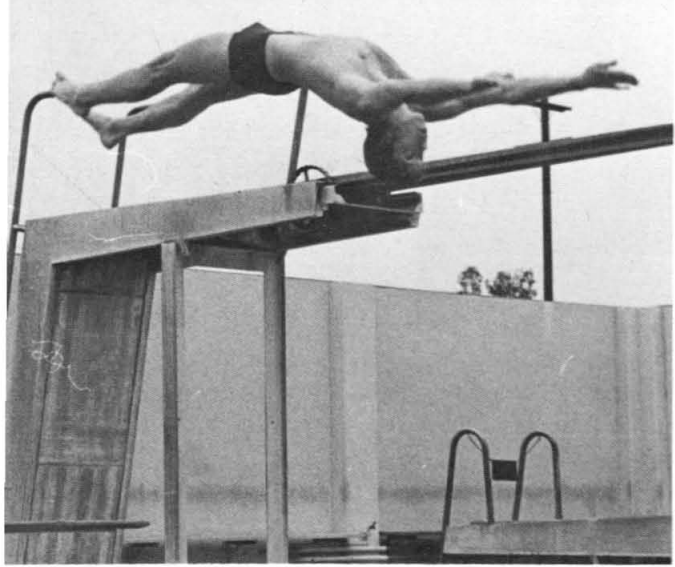
Arise Ye Prisoners of Starvation

This being the first and last year the House has been without a mandatory board contract within living memory, there was substantial concern among the upperclassmen that the frosh would never learn how civilized people comport themselves at dinner. However, under the able direction of Dana Burks as Pledgemaster and with Jim Battey and Pat Jenkins arranging for food, the frosh learned how to behave with dignity and grace, and how to conduct themselves in the manner to which Flems are accustomed.

Suck, Don't Blow

The year's diversions began with the n'ty-nth Fecathalon, directed by the IACCOFH. Battey out-hocked Bruce Chapman in this year's most closely contested race, and Alley One clinched the title when Ahern bettered Mauer's 1960 nursing record by 28 seconds. Fecathalon began a series of challenges among the alleys including a number of "consumption" events (from jello to quinine water), 100 yard dashes through a gauntlet of pillow-wielding fans, and the Woody Allen Memorial Random Telephone call contest.



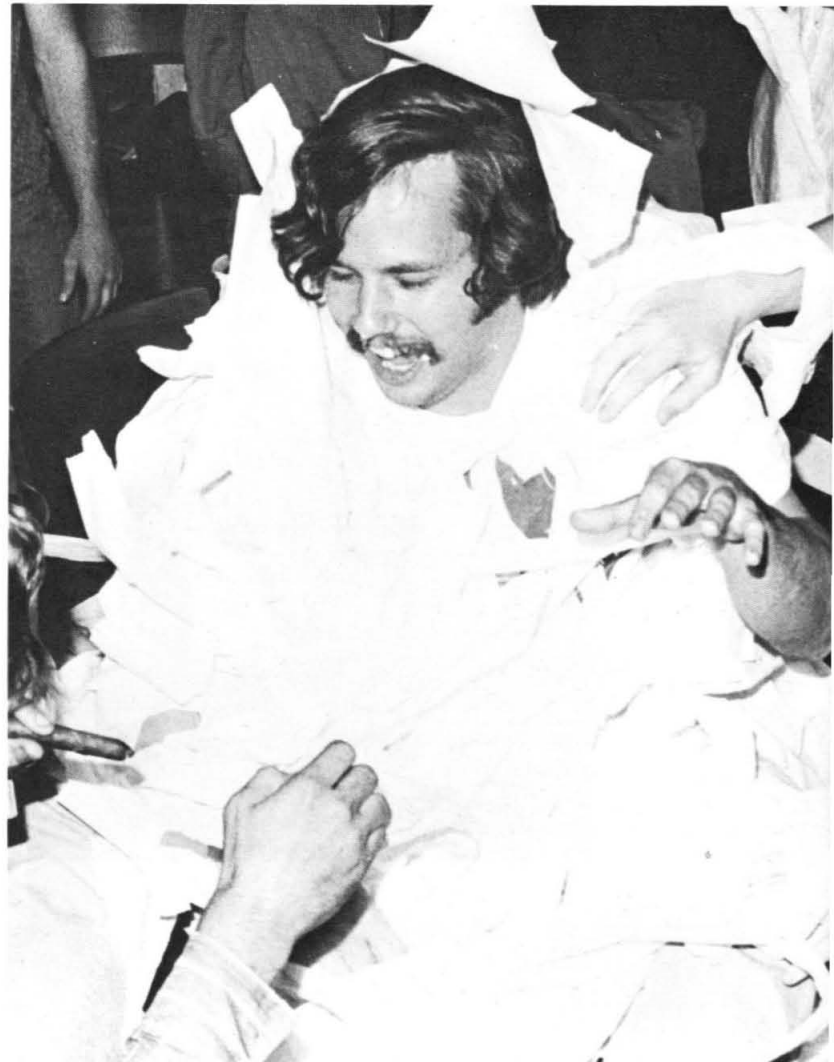


They're Stealing the Cannon!

Harvey Mudd's best and brightest used the Fleming cannon to plow a furrow in the Athenaeum lawn on the eve of October's GREs. This event was witnessed by a couple of moles stealing automobile wheels in the Athenaeum parking lot who called security and notified Fleming. The directors of the Foundry and Software Co. (as well as many of the fans) went out to direct the return of the cannon and noted that while the muddies had thoughtfully provided ramps for the wheels of the cannon, they had no means for lifting the tailpiece into their truck.

A few weeks later, the better and the brighter of the mudd engineers re-organized an assault on the cannon. An advance squad of muddies "inconspicuously" hacksawed through a

cable fastening the cannon to a tree ("Do you think that we could freeze the cable with liquid nitrogen and then break it with a hammer?") while the American LaFrance division of the FF&S Co. prepared a pair of heads for a reception. When the muddies had organized the mass of their troops (40-50) in neat orderly rows, the command "Shower their asses!" was given, and the firehose in Alley One did just that. As the mudd leadership reformed the muddies' ranks under the fanroom window the second firehose completed the task. Even with frosh directing the hoses from the Olive Walk ("Not on me, stupid!"), the cannon was pulled onto the muddies' trailer which promptly bottomed due to the weight of the cannon, and the lack of air in the tires. Before the muddies began their cold wet ride back to Claremont in a hay truck, they were forced to plead with Pasadena constables for help in locating certain parts to the truck's engine (this reporter has been told that the distributor cap works better without shoe polish on the inside). One muddie summed it all up when he announced to a group of snickering Techers: "Rip-off is a bummer!"



Life Is a Labor Camp, Old Chum

And then came the rains, and with the rains comes Interhouse. Not content merely with devouring page house, this year Fleming undertook to insult the entire Soviet Union. The courtyard and outside of the House was decorated along a "Russian Frontier" motif, complete with barbed wire fences, guard tower, spotlight, and the occasional shooting of escapees. The water flooded the Dabney tunnel, and became blood-stained through the repeated death of Scott Hemphill. In the lounge, visitors who survived the customs interrogation found themselves in a cafe (strictly hard currency, comrade) which due to an oversight on the part of the commissary commissar served something other than beet borsch. The portraits of Lenin and Stalin seemed to frown on such decadence. In the Peoples' Great Hall of the Glorious Revolution and Reordering of Priorities entertainment was provided for standing room only audiences. The Ural Mountain Boys opened the show and General Glenn H. S. T. Ierley introduced the highlight of the evening, the world premiere of the new musical and dramatical production *A STALIN FOR ALL SEASONS* or *FIFTY-FIVE TRACTORS TO SIBERIA*.





The play was a light-hearted musical comedy about Stalin during his golden years: 1936-39. Latrina Dumfuksy, the beloved of Geroy Yustay-off, was being forced to marry Igor Badanov by her parents, Nicolai and Ekaterina Dumfuksy. Geroy responded by seeking the help of Comrade Stalin who solved the problem by executing the Polish ambassador. But, alas, the peasants on the Ivan Petrovich Pavlov People's Collective Farm pleaded "Stalin, oh Stalin send us some wheels," thus leaving Stalin no recourse but to send the Red Army "Over Pole, Over Czech" to arrest the Dumfuksys and Igor, and send them off to "VLADIVOSTOK!"

To maintain order in the audience in anticipation of the Russian Consul's attendance, the Red Army found it necessary to summarily float the balcony drunks, but the Consul was unable to attend.



You Have the Right to Remain Silent

The end of first term being spoiled with finals, the only appropriate thing to do was to fire the cannon as a prelude to the ride (at 7 a.m., notwithstanding the protests from various non-combatants). While there was no difficulty Monday, the Tuesday event was marred by the appearance of the PPD and two units of Pasadena's own Big Red Machines, the occupants of which were searching for an explosion in Firestone(!?). In the true spirit of unselfishness and comradeship, Chansler met the gentlemen and confessed that Weaver did it.

Is That a Banana in Your Pocket, Sir?

Second term began with the same cast minus a few who lost the faith over Christmas vacation. The term was punctuated with some semblance of normalcy, but otherwise life continued as usual. Indoor Olympiad attracted the usual crowd as the Class of '74 repeated last year's win, and won the featured event, the 4th Annual Banana Boy Bill Beranek Relay Race.

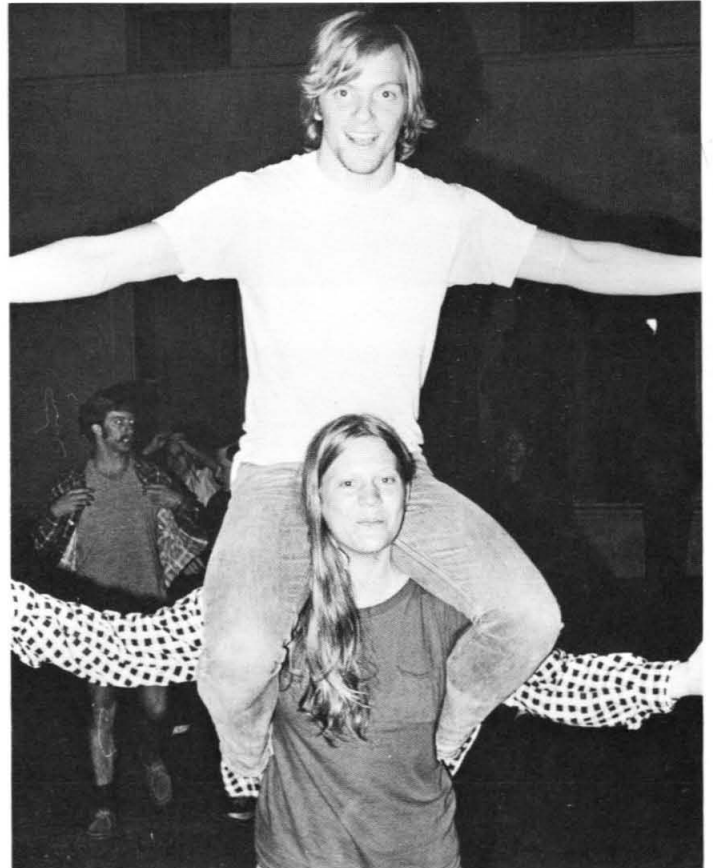
Will You Go Boom Today?

By second term, the Ierley cannon (or rather bazooka) had reached full development with the assistance of Hans Liepmann (the KK w/ MDF). Much to the surprise of some of the fans, Hurst was able to catch a 125 m.p.h. tennis ball without very serious injury. Later in the term, the bazooka was taken out to TP with a supply of ammunition in order to exercise the whirlypig.

SENIORS: Front Row: Pat Jenkins, Hal Jerman, John Smith, Larry Lichtmann. Middle Row: Bob Chansler, John Morgan, Tom Weaver, Glenn Ierley, Pat McCrea, Greg Stone, Ken Walker, Rob Olshan, Jim Posakony. Back Row: Bob Brewington, Steve Mossman, Jim Battey, Lisa Anderson, Bill Clevenger, Ed Sutton, Don Carrigan, Val Catanzarite. Absent: Ron Hospelhorn, Dave Musgrave, Carol Nottenburg, Tom St.John. Forgotten, But Not Gone: Jeff Borders, Jeanne Courval, Pete Croonquist, Kip Harrington, Stan Lewis, Don Rasmussen, Kevin Ruddell, John Steubs, others.



FRESHMEN: Front Row: Randy Tagg, Rick Chapman, Tom Creswell, George Lozier, Mike Smyth, Jeff Blinn, Nick Esquivel. Standing, L to R: Steve Hurst, Jim Mullany, Tony Tullot, Tim Ahern, Kris Larson, Anthony Sneed, Pete German, Chris Russell, Shawn Reagan, Kevin Gromley, Doug Bourne, Randy Goodall, Jim Seidel. Absent: Richard Frechen, Chris Jensen, Ru-Chang Kung, Carl Lydic, Mike Ma, Ken Severin, Carol Stevens, Nick Yang, David Yu.

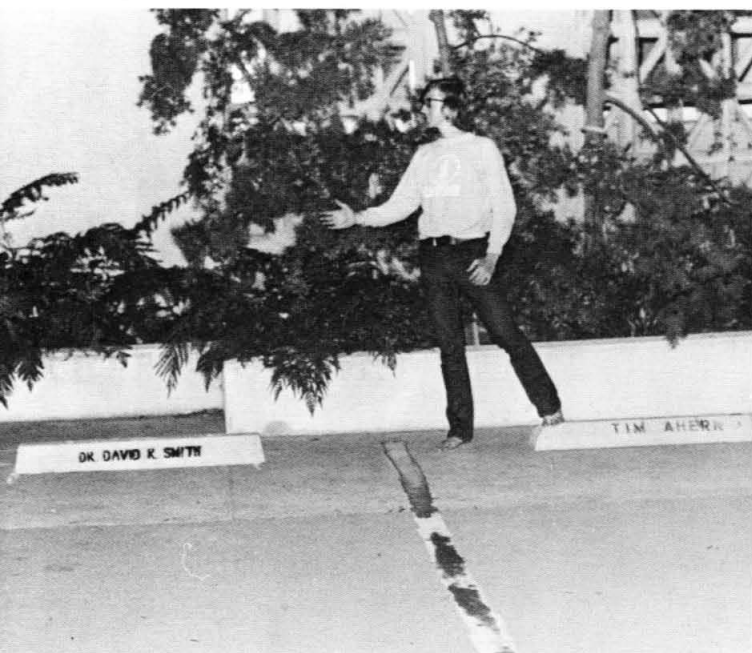


The Fleming House Bureaucracy was reconfigured with the election of Russss Desiderio to the Presidency. Russss presided over the election of Jack Shlachter as Vice President; Jim Celoni as Secretary; John Land, Louie Romero, Craig Lage, and Steve Hurst as Athletic Managers; Diane Vogel as Treasurer; Chris Jensen as Librarian; and Phil Naecker as BOC Rep. Of more interest were the true offices of power and influence. Art Gooding made the earth stand still and thereby retained the House Alienship without

opposition. Last year's travesty of electing number 30 as most obscure frosh was rectified as number 28 (rumored to be Jim Fujitaki who was unavailable for comment) was elected to that most distinguished office. The D. S. Green award remained in the hands of a New Jersey Citizen for the fifth straight year (Tom Lawler), and Jack Shlachter remained the uncontested RLS. The biggest surprise of the evening was that after a three year vacancy in the office, the House was able to elect Rick Chapman Grosset Frosh. (A small surprise when compared to the shock of a girl headwaiter.)

As the term came to an end, the fans worked hard to avoid letting finals interfere too much with kissing-off, except for Lichtmann who chewed off an extra doorknob just for finals. The cannon went boom (but not BOOM), and this time peace was maintained with the Pasadena authorities (even if not with everyone in Tech's administration). The event was dedicated to those faculty members who have been conspicuous in matters pertaining to the cannon.

Dirty David made life a little more interesting for some of the fans with numbers 23 and 24 in a continuing series of ultimatums concerning parking on the Olive Walk. The matter was resolved when a suitable parking lot complete with lines and official Caltech parking lot blocks, was constructed in front of Firestone. All important people had reserved spaces in the lot, but relations again deteriorated with the Master when he refused to pay the rental fee for his own reserved space.





Just \$69 Down and \$69 a Month for the Rest of Your Life

Bills for expenses and tuition having finally taken their toll third term, many of the fans decided that they could no longer afford the luxury of maintaining a private automobile, what with the price of gasoline and the parking problem. Consequently, the space between Thomas and Guggenheim became a used car lot under the name of Lyman's Lemons. Dana "Cal" Burks and his thing Spot ("Yeth Mathter!") did their best to lure customers with promises of premiums and with slick talking, but they were unable to part the Tech community from its money.

Mother's Day arrived on schedule this year, and brought with it the Orgy and Olympiad. The Orgy produced the expected result as did Olympiad (the Seniors won).

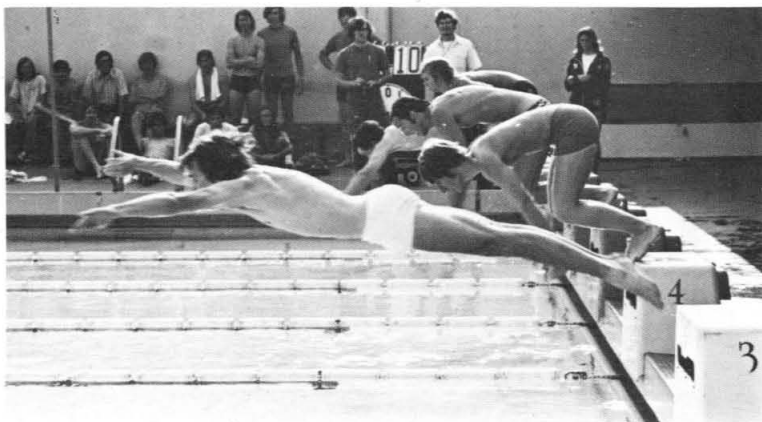
Discobolus competition came to a close and Fleming repeated last year's win, the Ath Men narrowly avoiding snatching defeat from the jaws of victory ("We did it to show the incompetence of the page ath boys!"). The same is expected next year regardless of Russ' pledge to flick Discobolus in order to make an all-out effort to win the Varsity Rating Trophy.





This Is Not a Place to Be

Contrary to last year's prediction in *The Big T*, the finesse stack is alive in Fleming, only this year, there was a greater effort to insure that the Underclassmen did not cheat. One ton of concrete was used to construct a wall in the attic of the room in the northeast corner of lower Alley Five, and a 1200 pound concrete plug was hoisted into the window and inscribed with suitable magical signs and words. The stack was to be operated by a pair of explosive bolts which would remove the door in the attic wall from its hinges, but the explosives for the bolts had not arrived at 7:15 on the morning of Ditch Day. So, trusting to an alternate mechanism, the Seniors closed and stacked the door, and bolted a steel plate across the attic entrance using pentagonal nuts with left-handed threads. The trust proved to be unnecessary as the underclassmen finessed a hole through a wall which was left unprotected, the Seniors believing that the wall was made of concrete and not hollow plaster blocks.





I've Been What?

In the continuing effort of Techers to insulate themselves from the more mundane aspects of life at Tech (like exchanging linen, and taking exams), Zoom-Schwarz-M'figliano escalated by a factor of Gerfle and Ribaldi plus an occasional Mortise of a spectator. Nevertheless, third term finals arrived, and with finals, those things which one only rarely sees at other times of the year, like the rising of the sun. The Seniors managed to survive finals with the help of the weather making the beach unpleasant during finals week, and because the Institute expected the arrival of 220 frosh and had no alternative but to certify the Seniors as educated and graduate them. Underclassmen had more difficulty considering sunny weather and the fact that the Institute was not so desperate to make them leave. Finally, Dirty David made good on a promise and rode the cannon on commencement day bringing the year to a fitting and thunderous close.





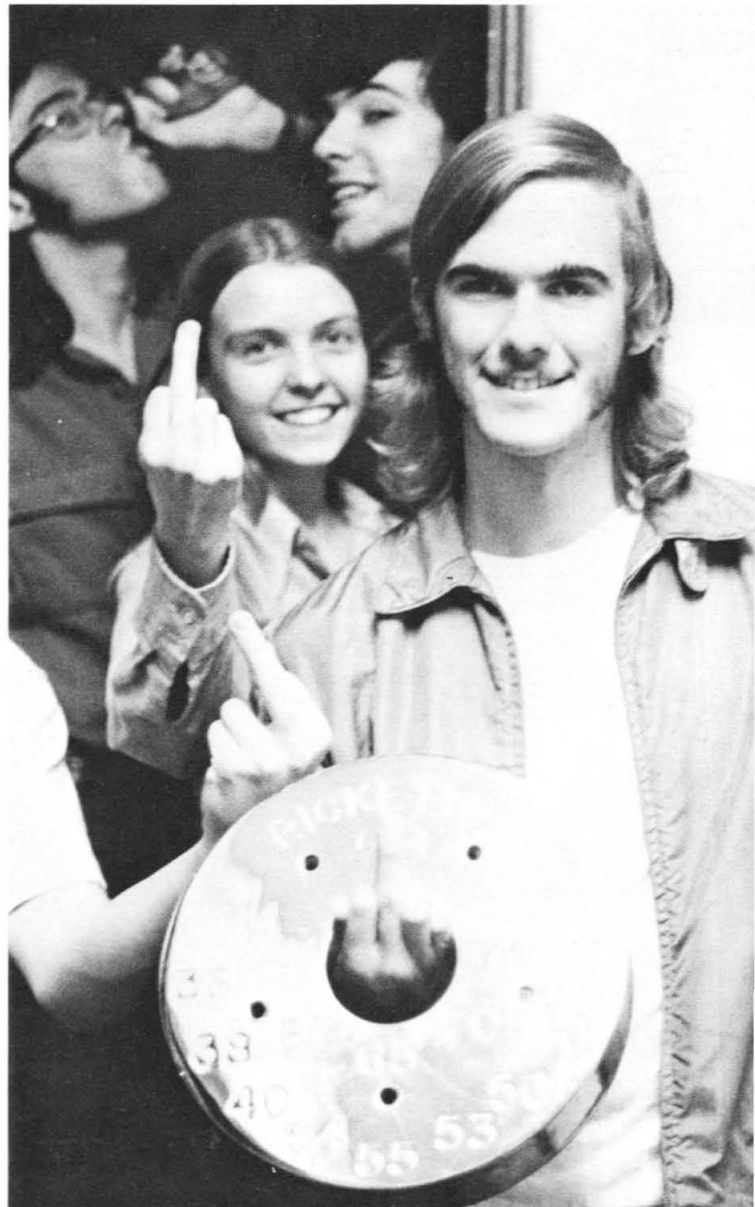
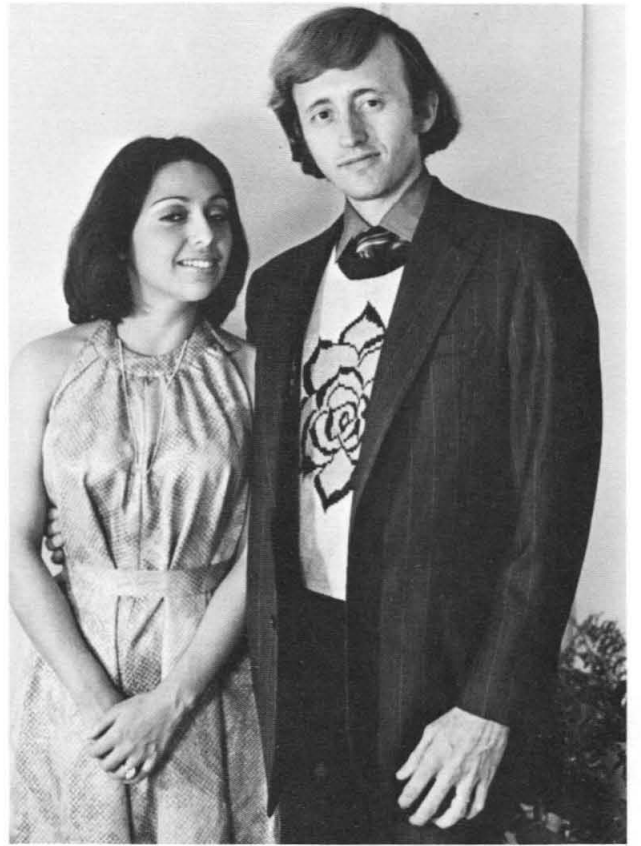
RICKETTS HOVSE

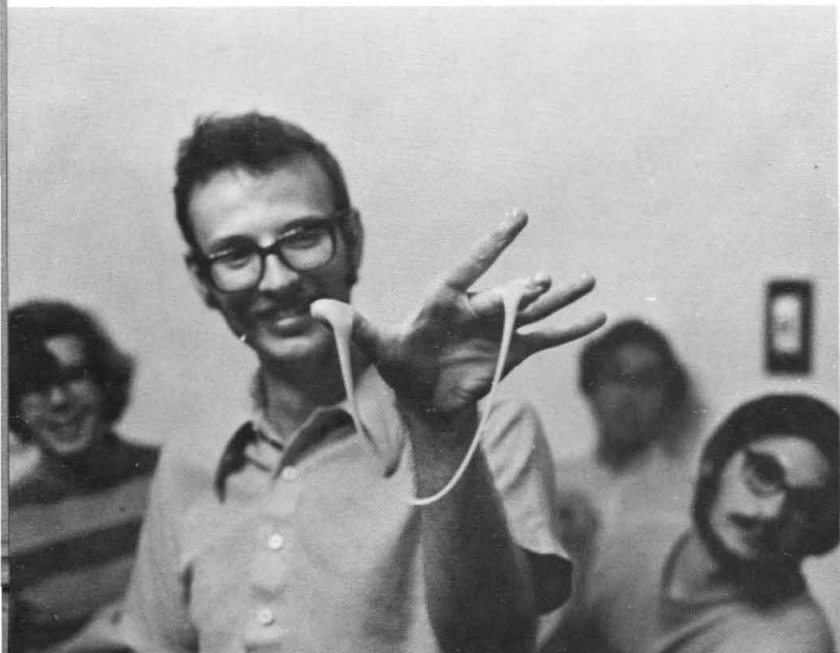
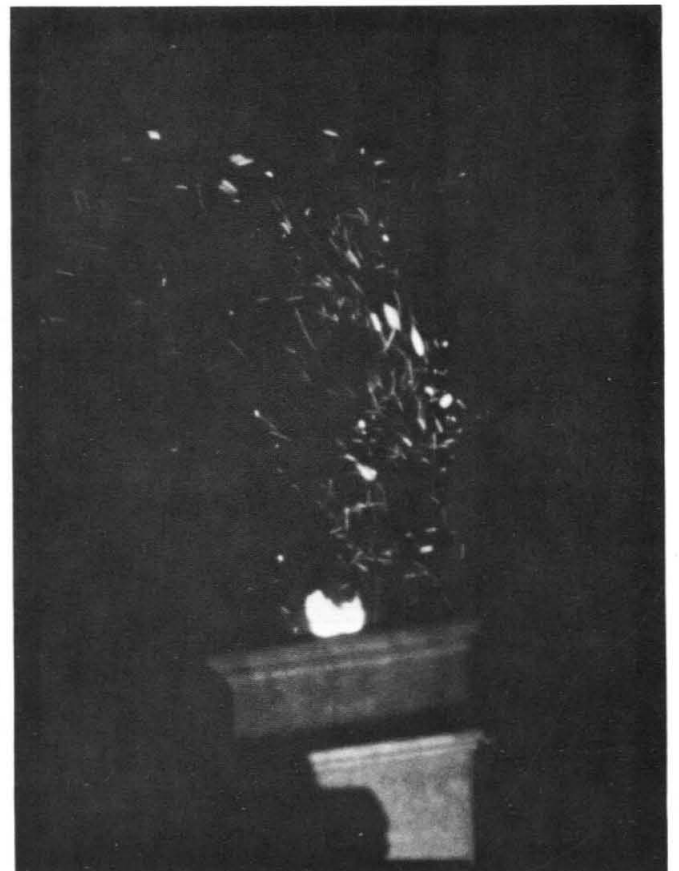
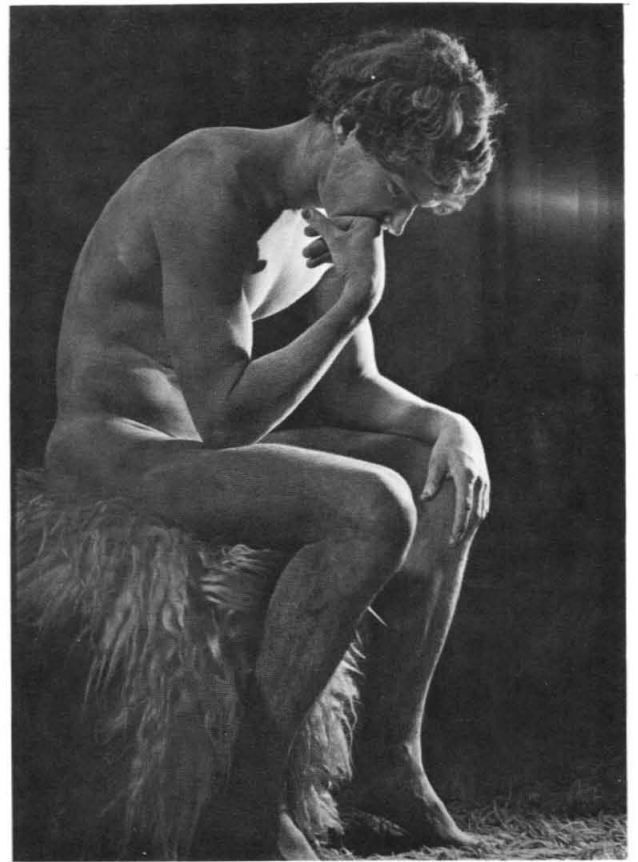
The Pot finally died, just before rotation. Despite its decrepit condition, a pot fire was lit and the resulting shards were popular souvenirs. The big, burly, bearded senior and Nicole were gone, but Tom, a champion egg tosser, and Margie, a belly dancer, replaced them in north L.D. Cofield moved off campus and Morris "I don't get it" Berman replaced him as secretary. Rotation was the same as before.

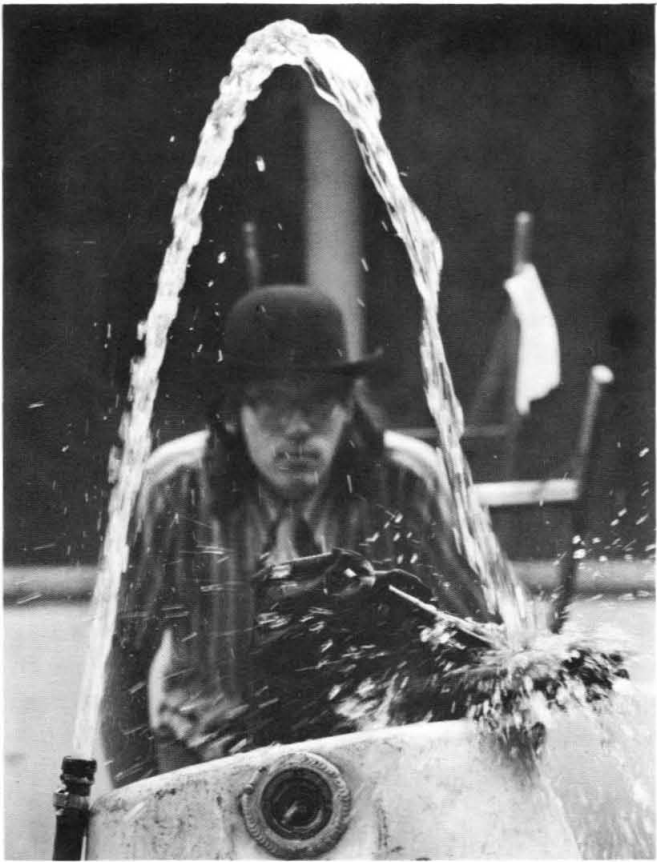
Riley and Lubinski decided to relieve Slankard's anxiety and single-handedly rang the brakedrum. This resulted in Riley getting the shit beat out of him and Lubinski getting the shit scared out of him. The class of '76 finally won a pile, and then swept the first five points of the year to place their number next to those great classes of the past. The last ringing of the year was also a first: most of the sophomores streaked. Drake took pictures, but they weren't as exposed as their subjects.

The frosh met Rothnie's challenge with enthusiasm, if not expertise, and a unique purple imprint was left on the dining room wall. In the process of preparing their attack, they barely escaped a piano room stack.

Slankard moved O.C. and Shelley took over as V.P., beginning a brilliant new career in politics. She, Ryn, and Harrington arranged most of the Thursday night House dinners. R&R served only one of these, after which they demanded payment for various and minor alleged damages. The dinners varied, as did their quality, cost, and starting time, but the crew did one helluva job.

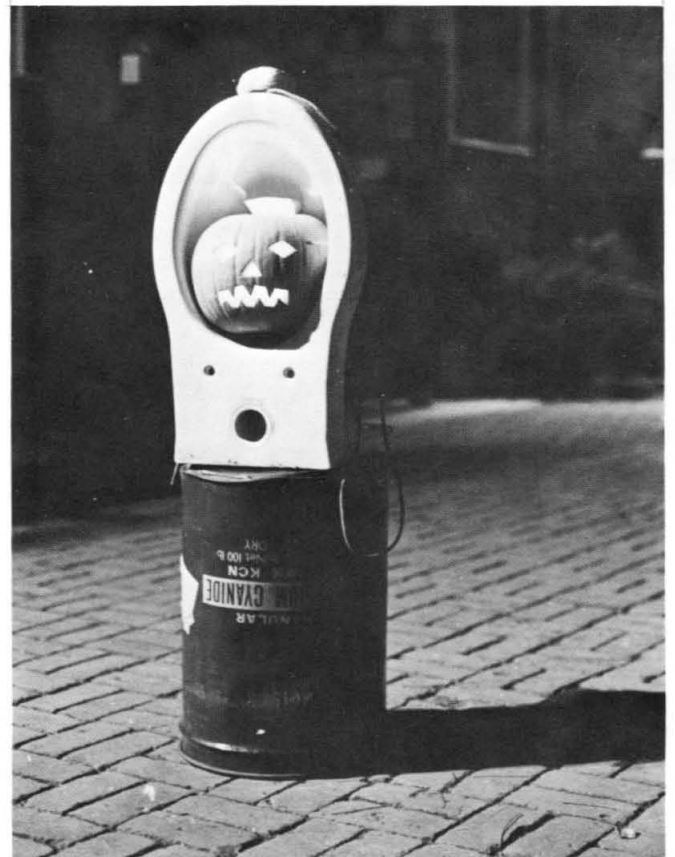






The David R. Smith

Memorial Sculpture Garden





Countering critics who declared Ricketts House to be "barbaric," "lacking in artistic merit," and "utterly without redeeming social value," the David R. Smith Memorial Sculpture Garden was created in the courtyard. Unfortunately, interest soon lagged, and the exhibit failed to find a permanent abode on campus.

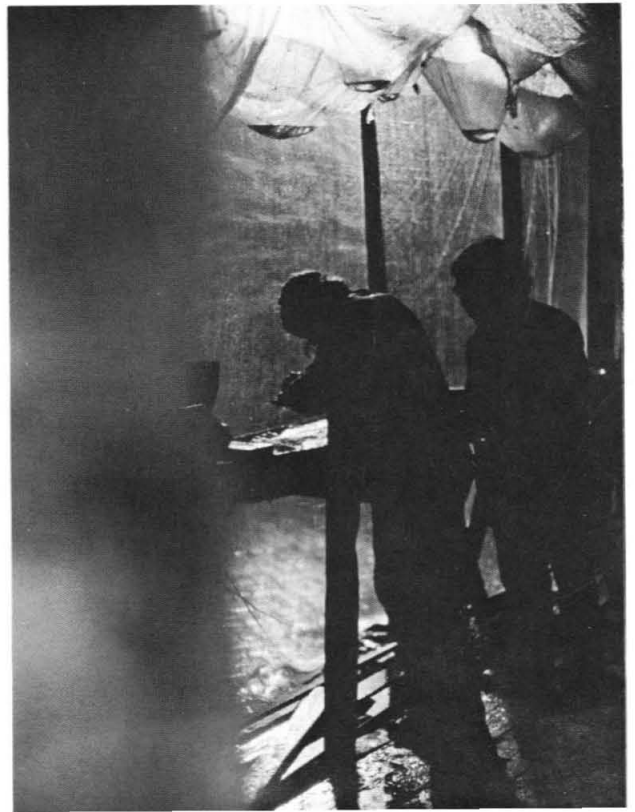
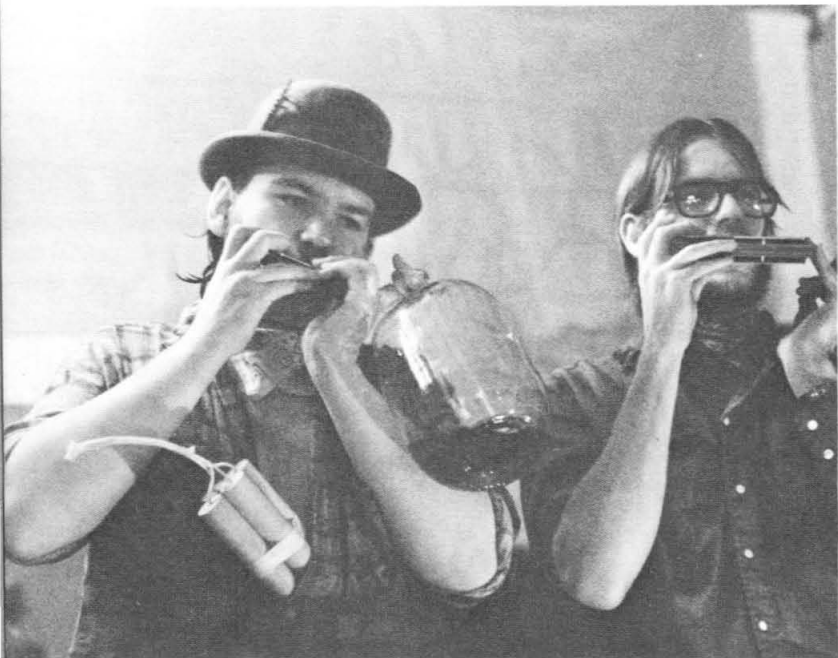
Schmidt, Powell, Shusterman, Kjelgaard, and Zebker discovered a room-with-a-view on the Blacker courtyard. They also observed the merits of refrigerators and two-by-fours in stacking people into that room. Violent sounds and certain liquids began raining into Blacker, much to the delight of the Ricketts spectators. After futile attempts to climb out, they were released several hours later.

After much discussion, Interhouse was built as a Yukon mining camp, with a gold-panning trough and saloon. Although it conflicted with a Dead concert, it came off well—breaking up early as the once-every-five-minutes fights, arm wrestling, poker bluffing, and inflationary prices charged by pimps exhausted everyone.

"I'm Not A Bug I'm Not A Germ . . ." filled the alleys late one Sunday night, featuring Shusterman, Powell, Estes, Clark, and others. In appreciation, the participants found their plates flipped and Shusterman's room dropstacked.

O'Meara challenged Schmidt's grossity at dinner one night—and lost. The Guest Suite was partially transformed into a private pool, but it was the library that suffered. Durst took a vacation in Oregon just before house initiation, leaving Shelley to deal with both perplexed upperclassmen and a fazzle of frosh.

The Perpetual War with Blacker opened up with two main engagements: the Orange War and the Barbeque War. Returning from a pile, the Moles (yes, the *Moles*) were found throwing oranges into the Ricketts courtyard. The ensuing battle left the



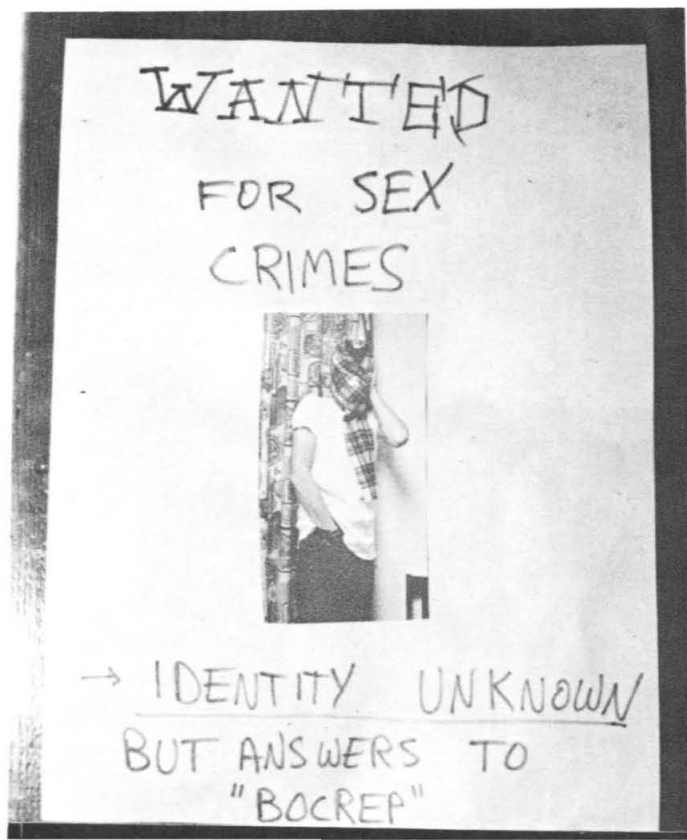
Blacker courtyard in the hands of Ricketts, who promptly cleansed it with fire. The Barbeque War erupted when the Moles, having cleverly built their barbeque as close to Ricketts as possible, decided to use it. The smoke entered Crud Alley, whose residents felt obligated to respond. Rather strict guidelines were established regarding Crud's arsenal for later incidents: no solid or liquid matter (except dope) was to be thrown. They complied, with a specially-prepared mixture that was ill-received.

Other incidents: two Prexy residents interrupted the nightly Blacker "Hairpie" chant with a water barrage. Stephen Crane nailed Harrow with an iceball, and later drew with Tom in a courtyard duel. The Great Truce with Blacker happened shortly thereafter, and peace reigned for a time.

The Grateful Dead conflicted with another house social event when Apache happened February 23. The usual harried construction included the building of a special Apache ladder when one couldn't be rented. Everyone claimed to have had a good time and it must be true since no one can remember who won the garter contest.

Once again, elections: Rothnie defeated D.Walker for president. Clark won straight veep and Shelley social veep. Roth got secretary and Claypool became librarian. Unanimously elected treasurer was K.Smith. Ryn and Espiritu joined Shelley on the social team, and Schmidt became RLPL over a strong bid by Cisar. A week later, Gard, Visser, and Zebker became Athmen.

The shining example of old-time stalker Lewd Prodfod was an inspiration to the several house members who staged a stationary streak for the benefit of the maids. Things began moving and later Kjelgaard, Schmidt, and B.Smith became the three unidentified stalkers televised at the ASCIT Spaghetti Eating Contest.





SENIORS—D. Drake, K. Eaton, P. Cannady, J. Garth, H. French, C. Harrington, R. Weinberger, N. Johnson, R. MacDonald, B. Scranton, J. Loddengaard, F. Ware, S. Thompson, F. Sigworth.

JUNIORS—Front row: C. Harcourt, A. Clemmens, R. Lee, D. Rothnie, C. Laffer, M. Berman. Second row: C. N. Pow, D. Hiller, J. Slankard, B. Gay. Third row: E. Williams, G. Claypool, B. Walkup.



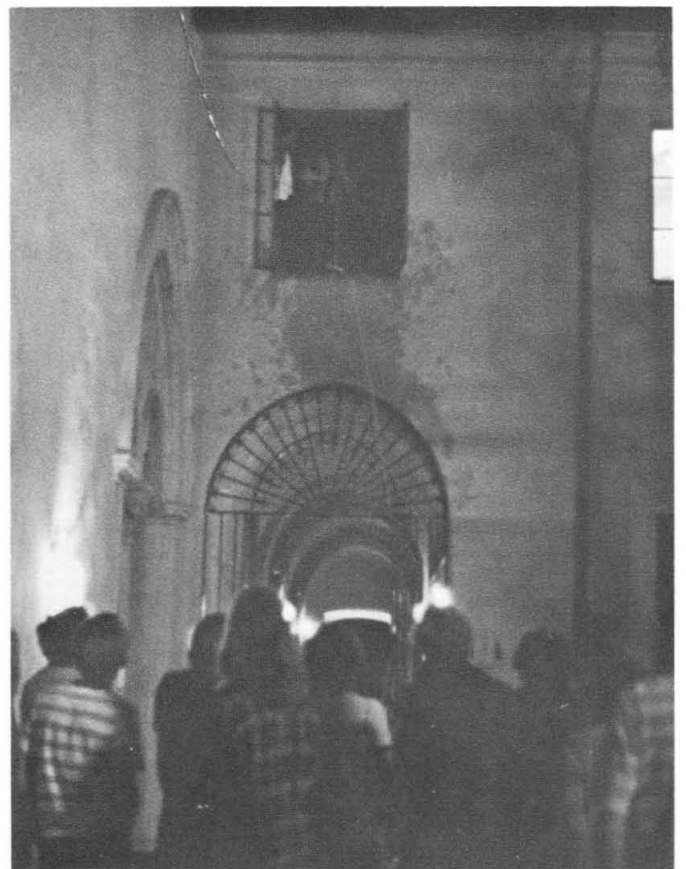
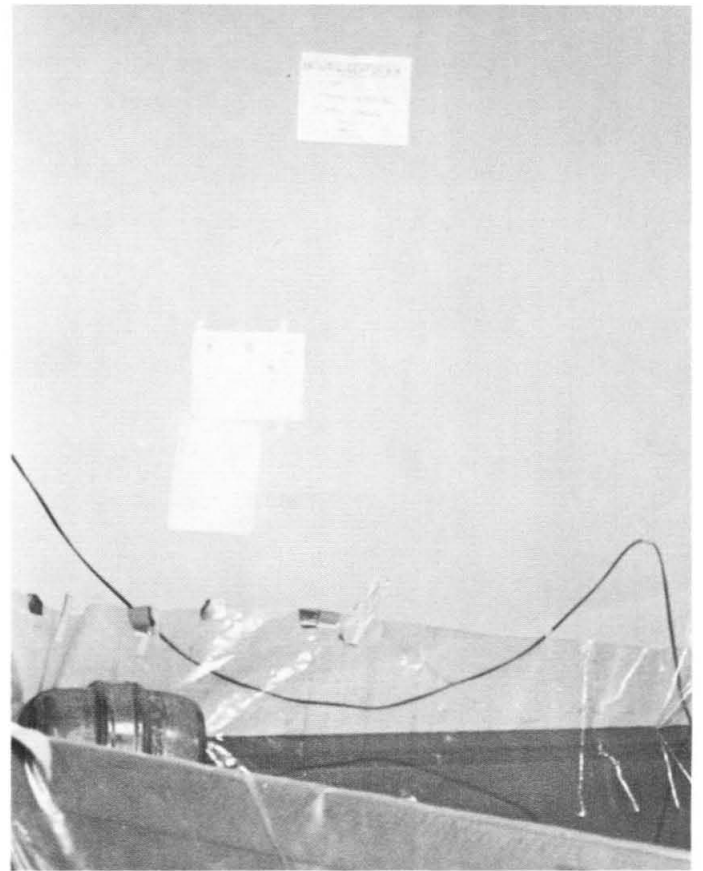
SOPHOMORES—Left limb: D. Clark, B. Smith, S. Karns. Right limb: D. Walker, S. Smith, W. Grams, J. Roth. Main limb: H. Zebker, K. Stephan, K. Neerman, B. Cox, T. Smith, M. Higley. Roots: K. Smith, E. Cuellar, A. Shusterman.



FRESHMEN—M. Visser, S. Chaiken, T. Pryor, K. L. Chai, T. Estes, E. Espiritu, J. Simmon, J. Gard, R. Miake, R. Schmidt, J. Whitmore, D. Cisar, J. Howard, D. Brown, E. Rhodes, J. Dart, A. Silverstein, J. Stabler.



The BIG T



Installation of house officers offered an unusual treat: Shelley for dessert. Not normally on the Baskin-Robbins menu.

Class pictures were taken, always lots of fun. So was the animal meal, with a gross number of pies. A favorite trick involved taking a handful of pie filling and shoving it down the back of someone's pants. Polish Constitution Day came, with Rothnie filling in for Janik in the cleansing ritual. Casualties included Schmidt, two Ruddock doors, and an Old House pillar. Zebker was nearly emasculated by the Lloydies. Powell and Proudfoot joined the walking wounded soon afterward.

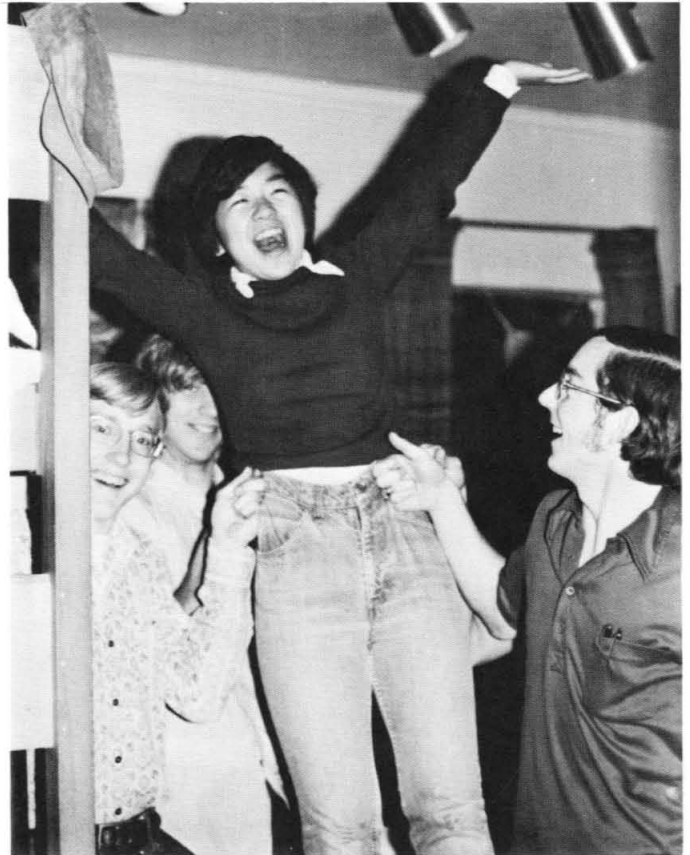
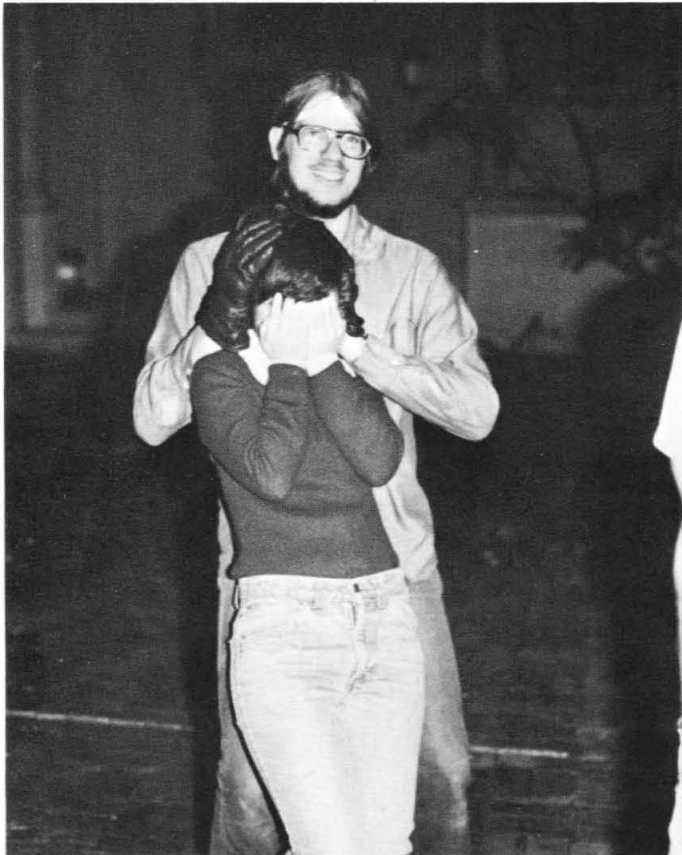
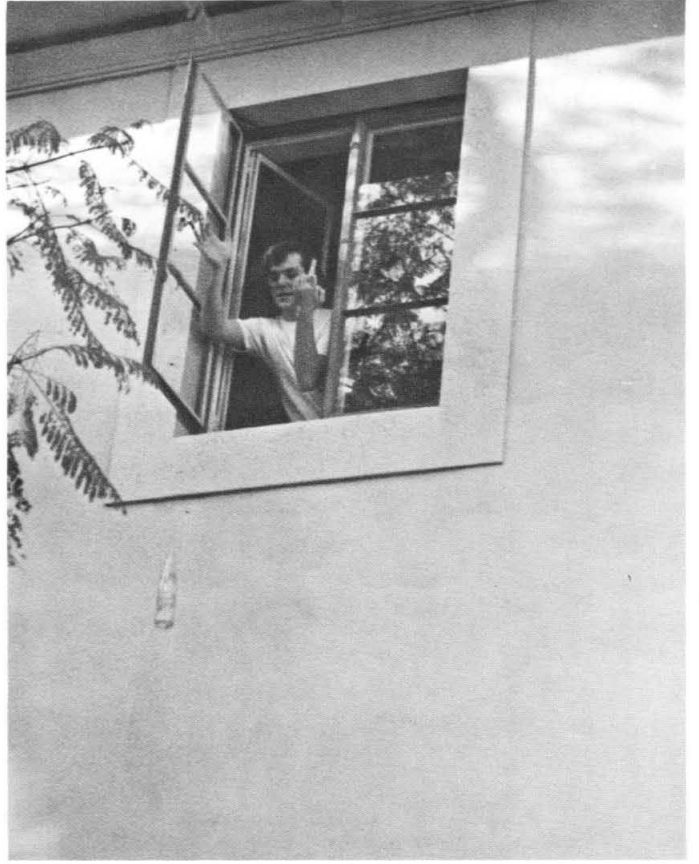
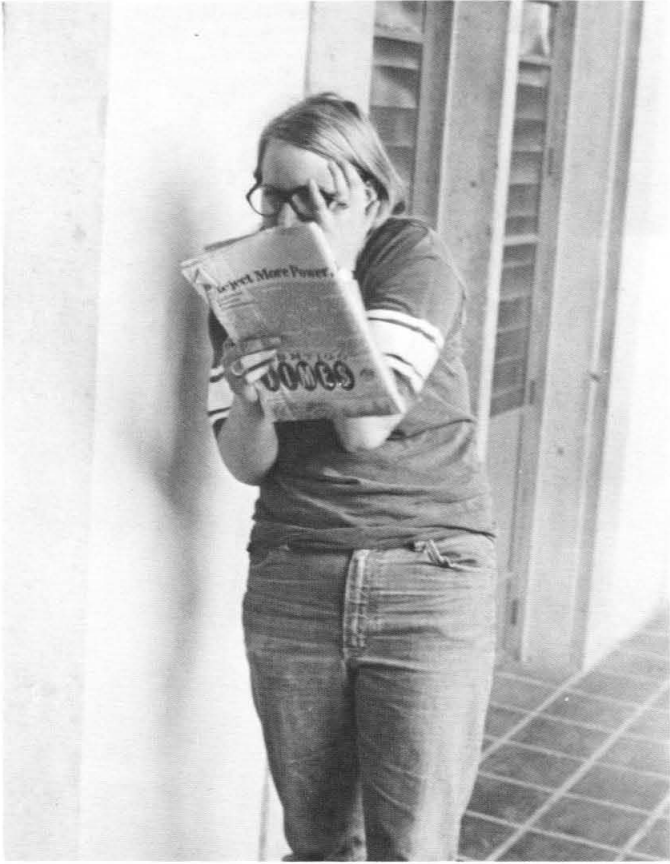
The riding team of C. Brown, Durst, Rothnie, and Thompson combined with the drinking team of Brusseau, Holmes, Kjelgaard, Proudfoot, and Schmidt to take first place in the ASCIT Bicycle-Bear Race. So much for San Marino's finest.

Ditch Day arrived, not unexpectedly, with six seniors' rooms stacked and a plentitude of bribes. Drake's stack was broken at 10:10 a.m., and then set to play the Ride when the combination lock was opened again. Abbott's, Benjamin's, Bitondo's, and Durst's stacks were broken in plenty of time, and the bribes accepted. Harrington's, designed by Scranton and Ware, withstood assault until late that evening; its opening mechanism had been mangled earlier.

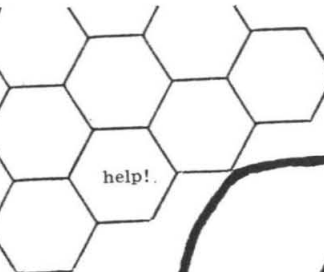
Ripoffs of mail-order companies having ruined his credit rating, "Alphonso Bedoya" has been reluctantly retired as House persona. Rumors that "Stephan Hayes" will be used as a replacement are unfounded. Berkey, Criff Blown, Brusseau, Fielder, and Franks also left, becoming alumni along with half of the women members.

The Cherry Alley Pervert failed to make his annual appearance in room 54. One explanation was that the pervert had been living there all along.









3/4 of everything that feels good, tickles."

3/4 of everything that feels good, tickles."



OUR MASCOT

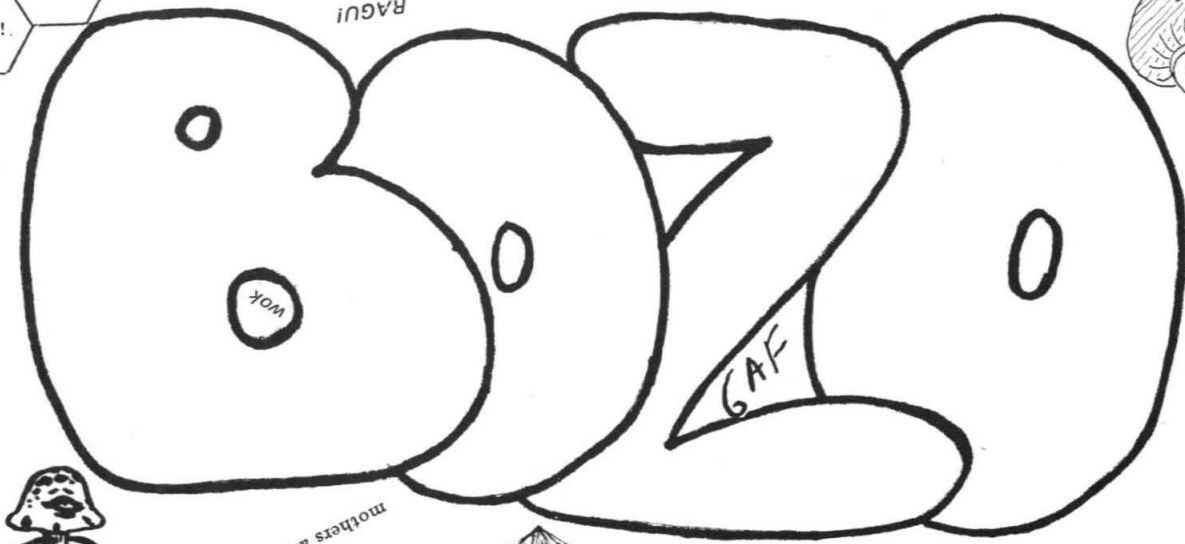
Midwest Edition

Chicago Tribune



EXTERNAL & INTERNAL

Midwest Edition
Sections 1-19
PAGE 50
SUN & MONDAY
PUBLISHED 6 DAYS A WEEK
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Walnuts



mothers and fathers who came in the night

all-night pizzeria and lasagna orgy society

SCHNURF

nutmeg?



exponential chat populations

Die Wasserbetten

1.5 token GPAs = 3.8

i was born just in time for dinner

MAMA GRONKEL
blackboard fudge, mustard sandwiches, and raw garlic for breakfast.



costumes and roses and a wandering trek through the mountains Conditi in a tree and Peter taking pictures of the people taking pictures, where is the? free-associating rabbinical blithering vibrating wineglass and a beatific baby chirping "happy happy happy!" yellow silk brown lace and a mexican embroidered wedding shirt under trees and mist with a near-babbling brook and a blurbling crowd our personal pledge unexpected tears and a happy party aren't we in the wrong city? 22 bottles of champagne grasshoppers 30 proof chocolate milk pastrami dead tapes and mom's homemade kugel tipsy everybody and we didn't fall in the pool!

FIERY GRONKEL



Chocolate Cake Bakers of the World, Inc.



don't play with fire in the icebox

hookers (productive, at that)

Cosmic Charly, Rudolph, Drosina, and Piggyback -

the vegetal part of the family.

Get your toe out of my navel!
(well, stop sucking on my ear and I might...)



MY GOD, ARE THEY DEAD HEADS?!



blip bop



dish stacks

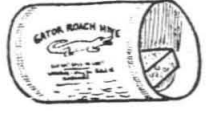
Alice vs. REAB2

We're so far out at the leading edge, we've fallen off into the Abyss



HIYA KID, HIYA!

Midnight Plumber's Helpers



attic dwellers

AGE
RZZ
AMTASIES

Bozos, Bozoettes, and Bozitas

WHO turned on the hot water?!

MMS

DECOY
CAKES

FEDCO
CIGARETTES

BUSO
SVC
PASADENA
OUTLET

little
baby
possum

3
lbs. of
balsa
wood
powder

the kermit a. jacobson memorial quote:



THE FORCES OF
LAW
and
CHAOS

ECHER
RN

BIF!

Clark Keck



TELMIRENNA
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The Olympic IntraHouse Frisbee Team

GROWING GRASS

CREEPING
RESCUE?

HONORARY & DISHONORARY ITALIANS



Corwin of Amber

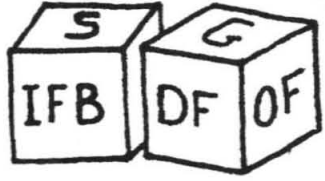


DARK
ROOM
FUZZ

Santa Barbarian of my Dreams

SPLIT
POD
SEAP

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You look so young, dear - you must have an awful big family!



saturday night space-time soap operas

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generating landfill

We'll report about darkons
to the Journal of Irreproducible Results.



...but you
dont look like
a pizza

TMΦ-ΦMΦ
Zabux Maw!

BIG BRO

salamander's latex gloves



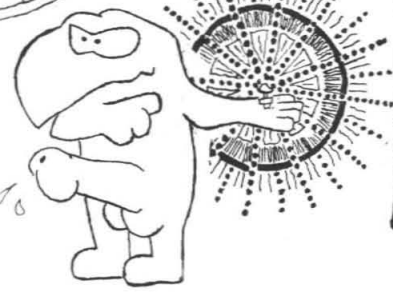
S&M Wizards



10 million ducks?

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SANTA BARBARA POEN



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Transigents



... back to the
shadows again ...

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- 6 bozos trolling,
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- 4 apple-friers,
- 3 tape decks,
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- and an 18-in, 35-lb magnet woofer upstairs.

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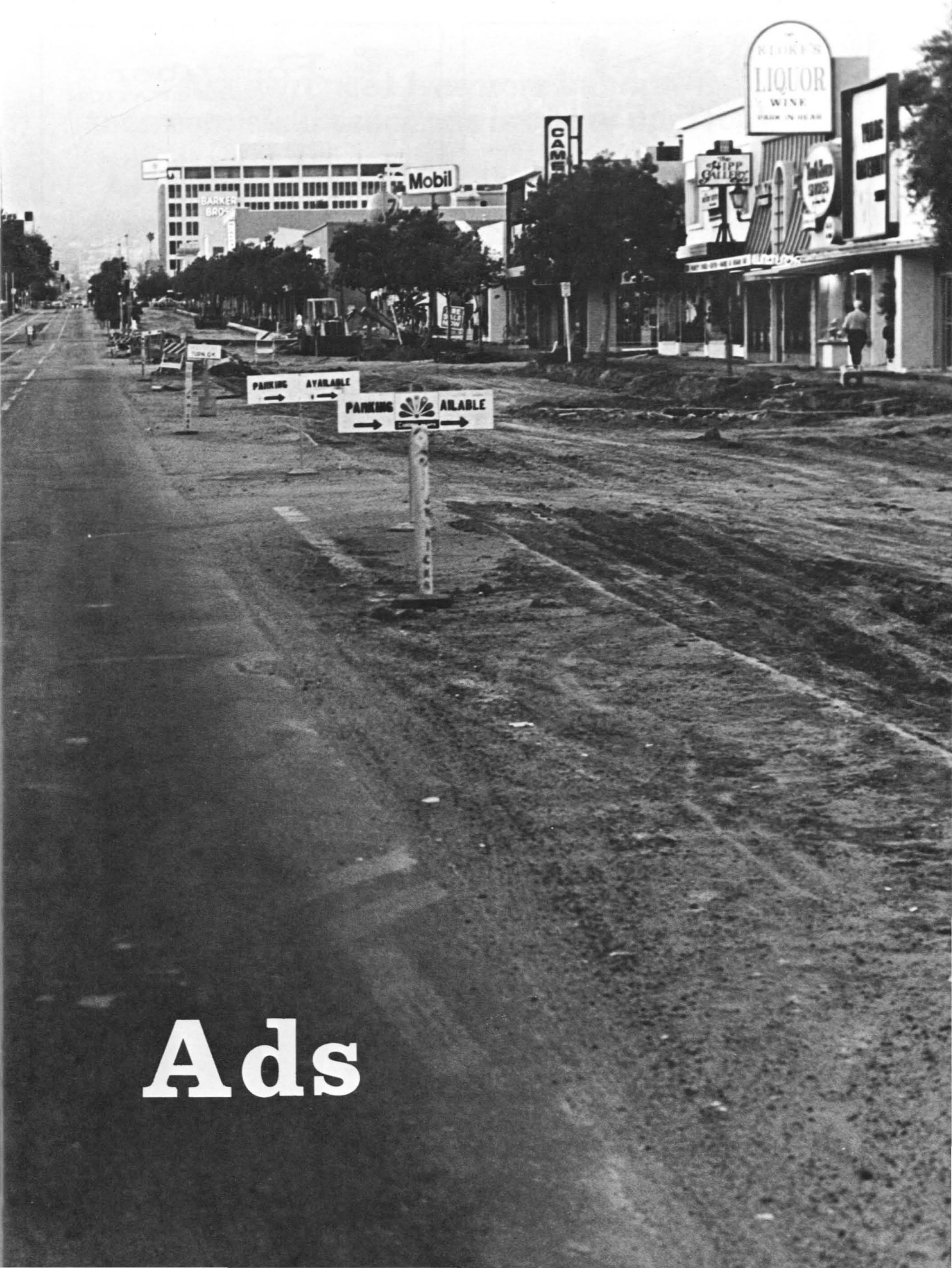
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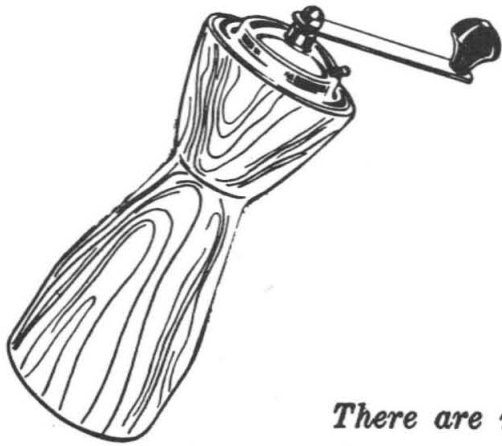
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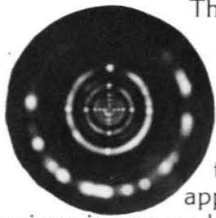
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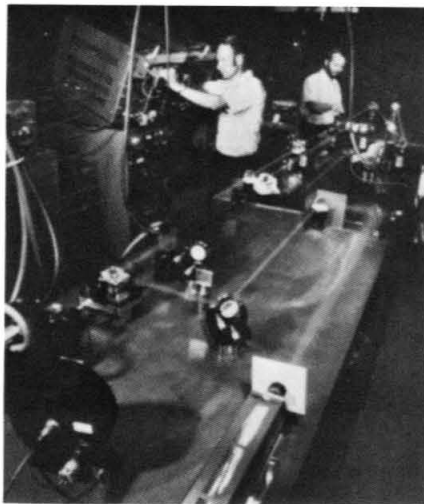
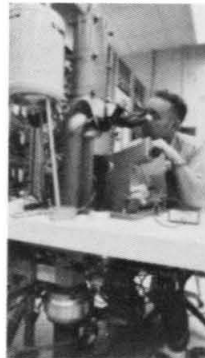
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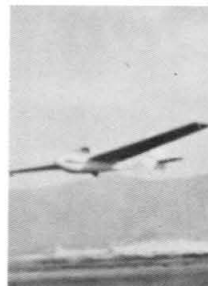
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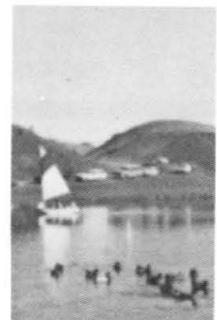
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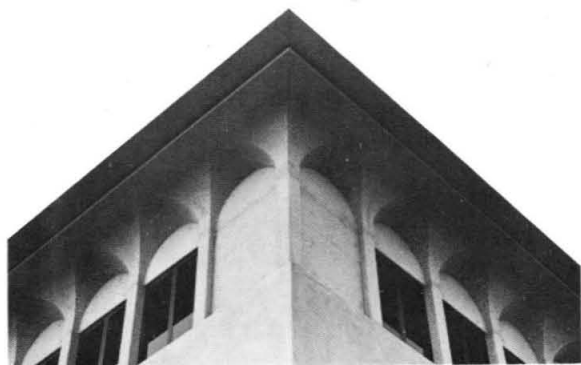
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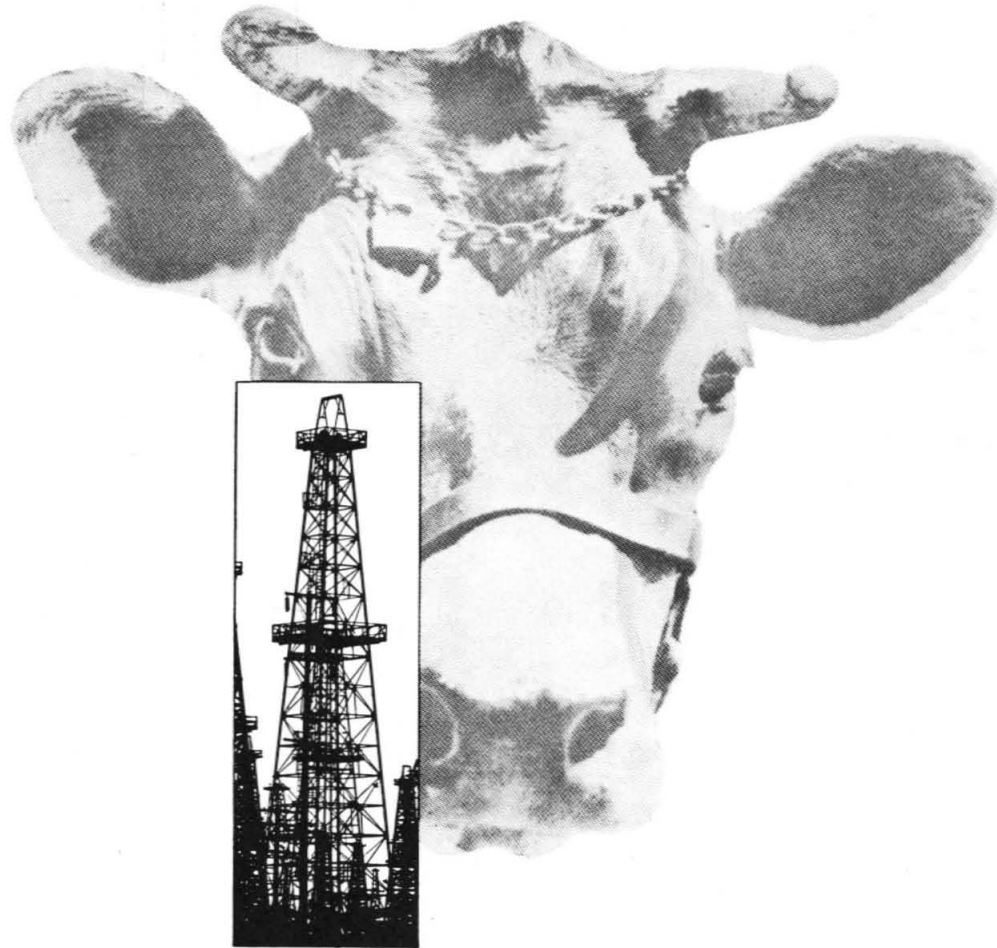
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or
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Obviously, if our own industry is to maintain its capacity to produce it has

to be able to sell its products. Whatever interferes with this jeopardizes its ability to continue to satisfy America's need for oil.

Nor does it have the financial resources to drill wells and then shut them in until needed. You have to *do* business to *stay* in business.

What's worse, oil from distant shores creates a dangerous dependency. In a national emergency it could disappear

overnight. And we can't slow our production down too much and expect it to be adequate when we want it.

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Cleaning up a Queen's Complexion The beauty of Venice, Queen of the Adriatic, is far more than skin-deep. Many of her buildings are masterpieces of medieval and renaissance architecture. They're embellished with esthetically priceless statuary and other sculpture. And it's all being blackened and eroded by smog from suburban industry. Even works of art that are housed within the public buildings and palazzi of this magnificent city are under attack. Conventional cures, such as chemical solvents or sand-blasting, threaten to do more damage than the disease itself.

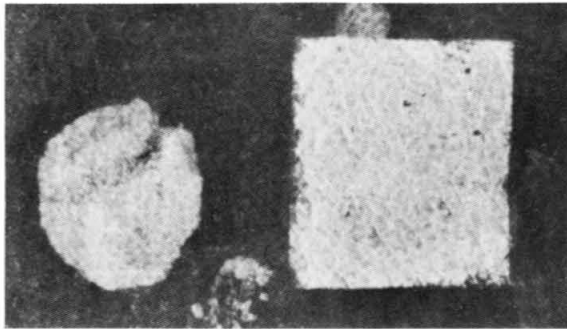
Recent experiments show, however, that a laser beam can be used to remove pollutants and reveal the natural stone or wood finish beneath. This hopeful discovery was a by-product of a joint effort by TRW's Dr. Ralph Wuerker and Dr. John Asmus of the University of California, San Diego, who suggested the idea of laser-powered dry cleaning. The main objective, though, was to see if holography would be a practical way to foil both Father Time and human vandals by preserving the three-dimensional ghosts of famous sculptures.

Wuerker and Asmus were completely successful. The holograms they made in Venice demonstrated that a whole art gallery of sculpture can be recorded on a carton full of glass plates and recreated by projection anywhere in the world. These three-dimensional images are so lifelike that they even show parallax when the observer moves from one position to another. The experiments proved that major international exhibits of sculpture in holographic form can now be delivered by parcel post, while the originals stay safely in their home museums.

Other proposed uses of holography range from advertising displays and truly three-dimensional movies to new types of security systems. At TRW, holographic memories have been developed which can store a whole library in a space the size of a briefcase. The technique is also being used in rocket and jet engine development to show previously invisible details of gas flow and the behavior of high-speed particles. These studies are expected to result in improved turbine-blade and rocket-nozzle designs. Holographic interferometry has also been used to refine spacecraft microwave dish antennas to accuracies far superior to those that are possible with conventional computer methods. Other nondestructive industrial testing techniques are under development and Dr. Asmus continues to improve his methods of restoring art.



Dr. Wuerker aligns a ruby laser and holographic plate to recreate a three-dimensional image of a twelfth-century Madonna and Child, by an unknown Spanish sculptor.



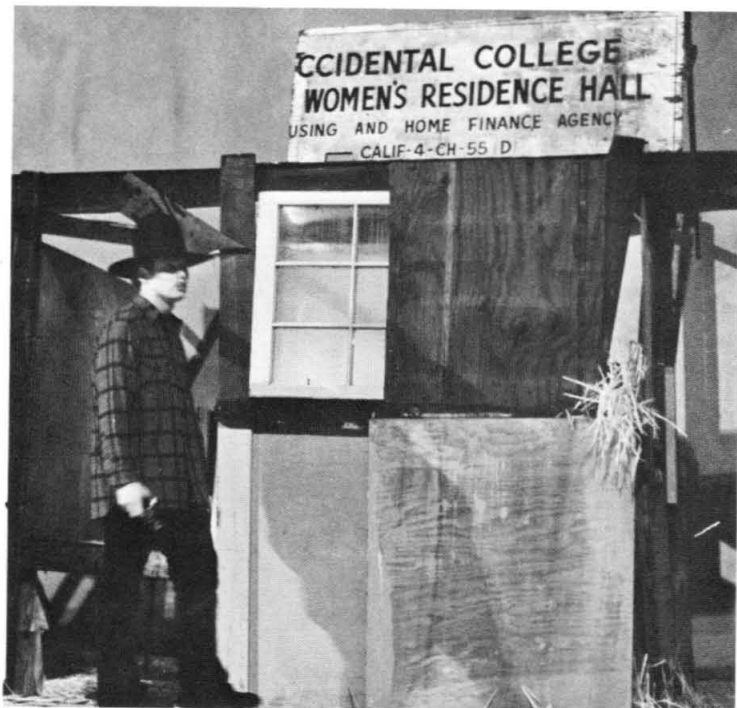
Marble fragment, spot-cleaned by a single, brief pulse of laser energy, reveals its pristine color and texture. The technique is so precise it can be controlled so that only recent encrustations are removed while the natural patina of old stone remains unharmed. Even stone that has been seriously weakened (to a structural strength equivalent to that of a sugar cube, for example) is not further weakened by laser cleaning.

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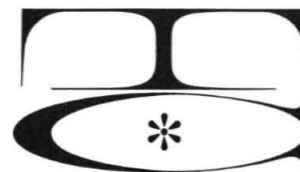
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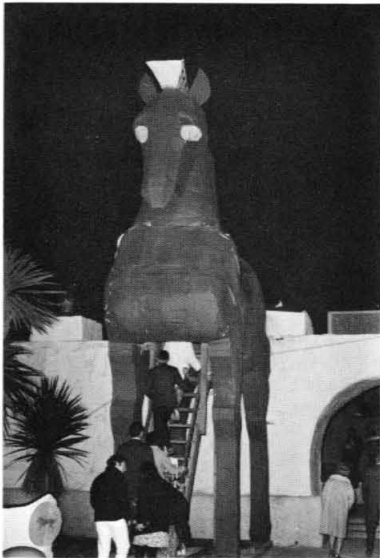
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—LSO Supervisor Noxin
29 February 1974



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Contrary to popular belief, the publication of a yearbook is *not* a one-man operation. Although *The Big T* is understaffed (and what ASCIT organization isn't?), the dedicated work of many individuals was necessary to get this book out on time.

A yearbook without pictures wouldn't be much, of course. Thus Floyd Clark's formation of a class for *The California Tech* photographers proved invaluable in getting photographic coverage of this year's activities, and of course his own negative files produced many of the photos in this book. Chi-Ngong Pow and Ray Feeney put in many precious hours of darkroom work after Commencement, including the printing of the endsheets and



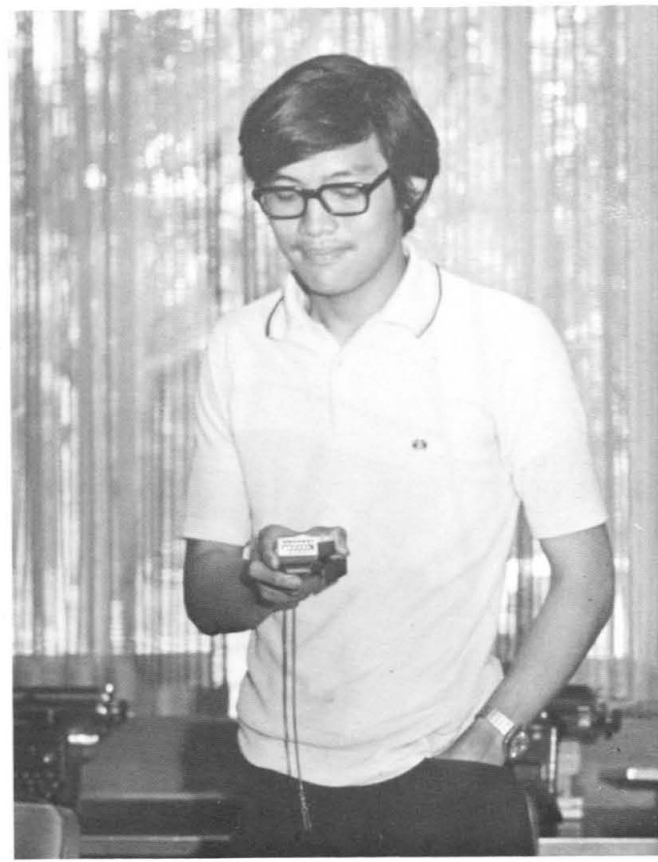
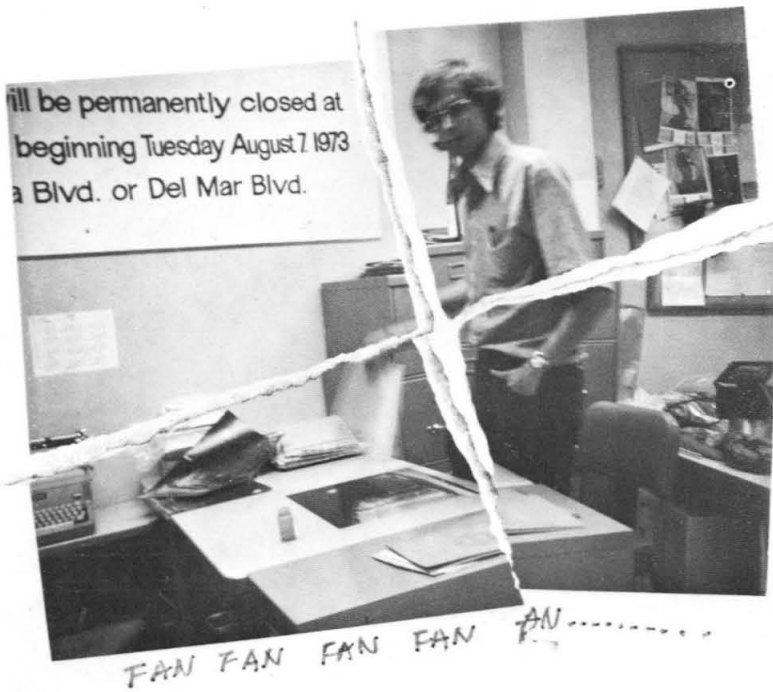
two-page color bonfire photo. And *The California Tech* photo files again provided *The Big T* with much material.

The other editors of this volume also put in a lot of work for little recognition and even less pay. Peter Beckman helped greatly in choosing the subject matter to be included in the book, and came down from Stockton for the Fourth of July weekend to help finish up the undertaking. Debbie Dison did a professional job on the senior/faculty section after volunteering to do it at a crucial time in the book's development. And Gavin Claypool spent countless hours coercing house historians to get their pages pasted up; the fact that, for the first time in three years, each house is represented in *The Big T* is largely due to his efforts.

And, of course, without a good business manager we couldn't have afforded all those pages of color. Ole Anderson not only managed to reverse the trend, followed in recent years, of monotonically decreasing *Big T* advertising, but also saved the book much money in other subtle ways.

Ed Hutchings' helpful comments were always appreciated, as was his staying on speaking terms with *The Big T* staff after they had helped put out a *Rivet* spoof of *Engineering and Science*. Flora Constanten, Charlotte Richard, and Barbara Wirick





helped the staff in many small (and some not-so-small) ways and could always be counted on for a morale boost. The house historians and photographers used considerable imagination in getting their twelve-page sections done, more-or-less on time. Dennis Proud of Josten's/American Yearbook Company also gave helpful professional advice and let us miss a couple of deadlines without getting too upset. *The California Tech* sucked most of us into the publications game in the first place and provided much of the staff with a reservoir of experience, not to mention a chronicle of the year's events, to draw upon. [So did the 1973 *Big T*, for that matter.] *The Rocky Mountain News* provided the photo on page 272. The list goes on and on . . .

The Big T has drawn a lot of criticism in recent years, mainly concerning its small size, soft covers, and large budget deficits. We've tried to answer this criticism this year, supported by the mandate given us by the members of ASCIT in last November's referendum to increase *The Big T* assessment. There's little point, though, in putting out a yearbook which the reader doesn't enjoy. If there are parts of this book you especially like or dislike, let someone (like the 1975 editor, Gul Agha) know your opinions. The best way to make your feelings known, of course, is to join the staff. Putting out a yearbook involves a lot of work, but can also be enjoyable and rewarding. [There must be some reason for why a large portion of the 1973 staff came back to work on this edition . . .]

I hope you've had as much fun reading this *Big T* as I've had being its editor. Let's hope that, in future years, its contents won't become too obscure.

Robert M. Kieckhefer
6 July 1974

