

CAL TECH
1971

BIG

T











the
Big T

1971

the Big T

1971 STAFF

"Time sure flies when you're having fun . . ."

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The Caltech **Y**
california Institute of technology
pasadena, california 91109

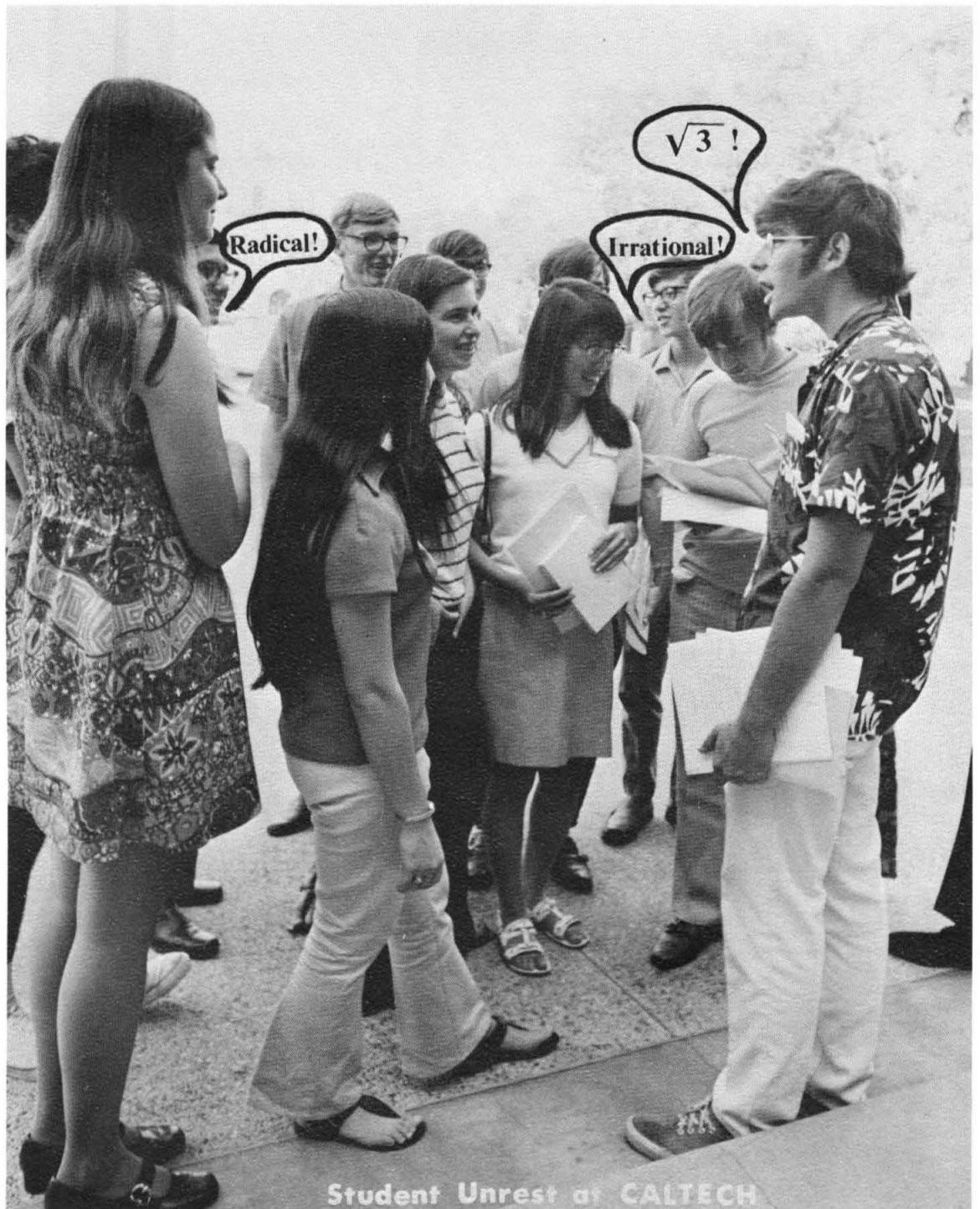
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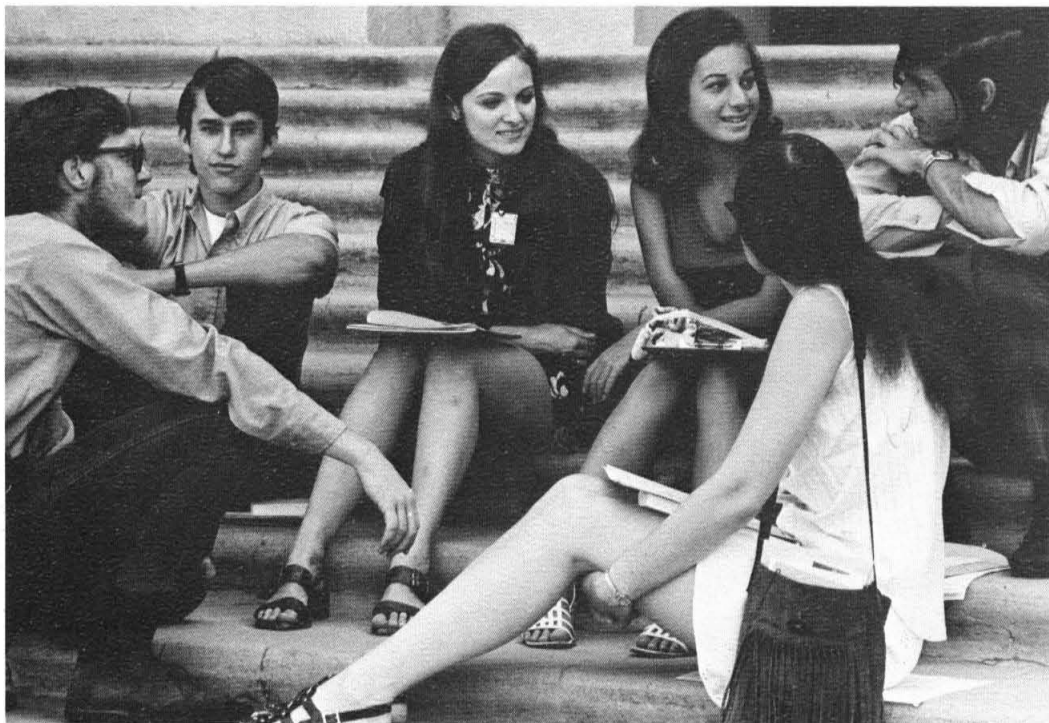


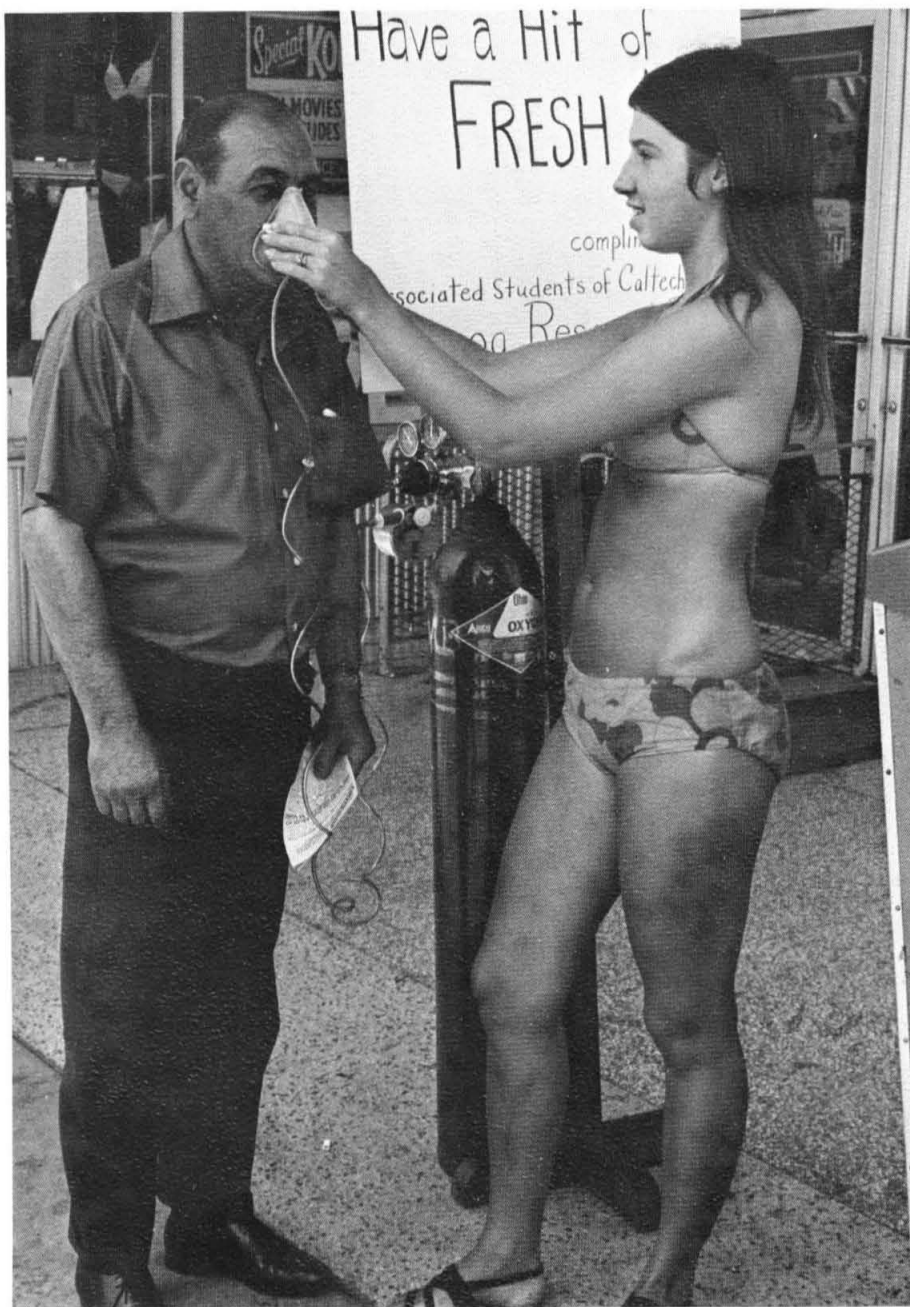


THE YEAR

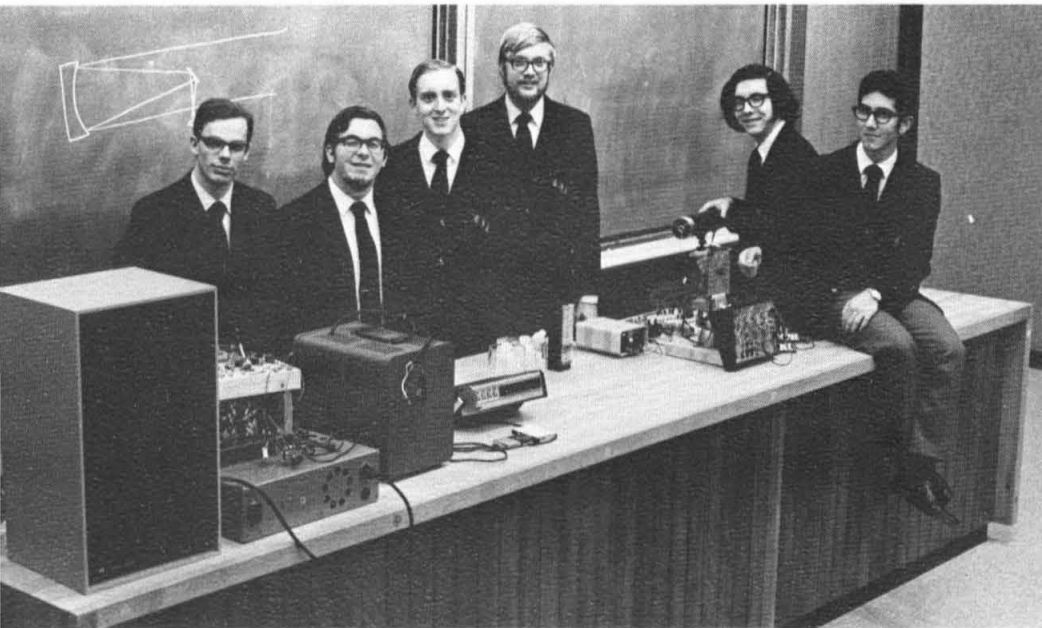
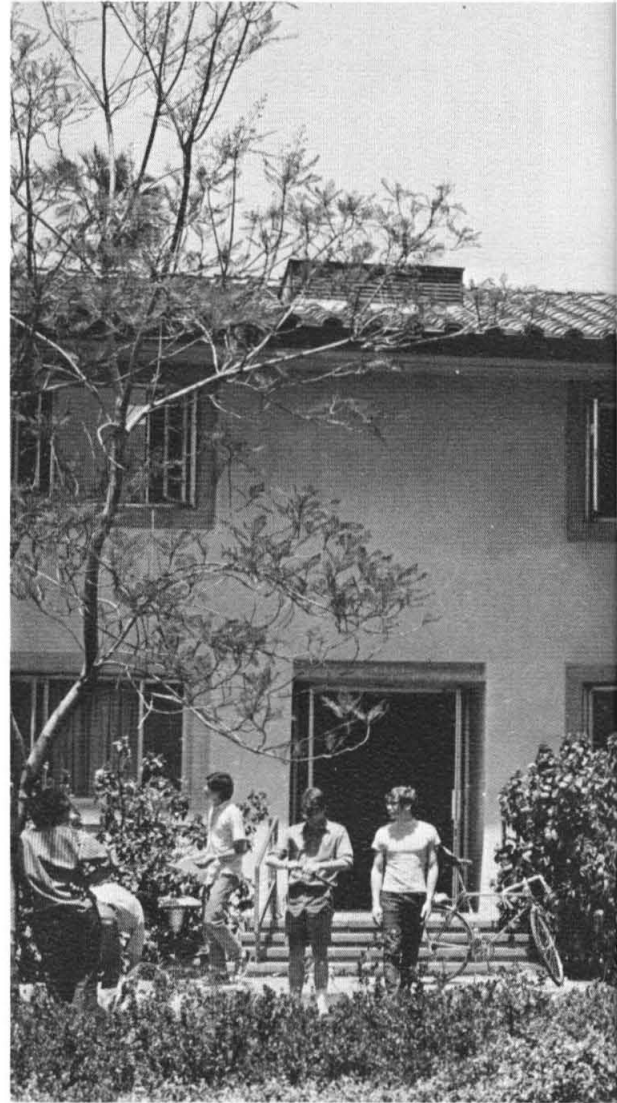


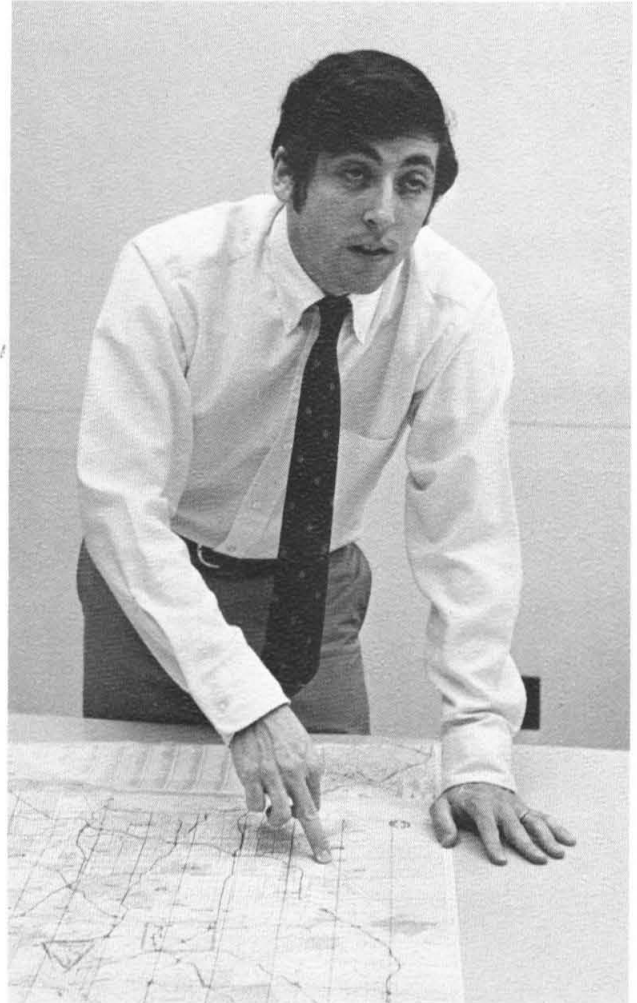
Student Unrest at CALTECH

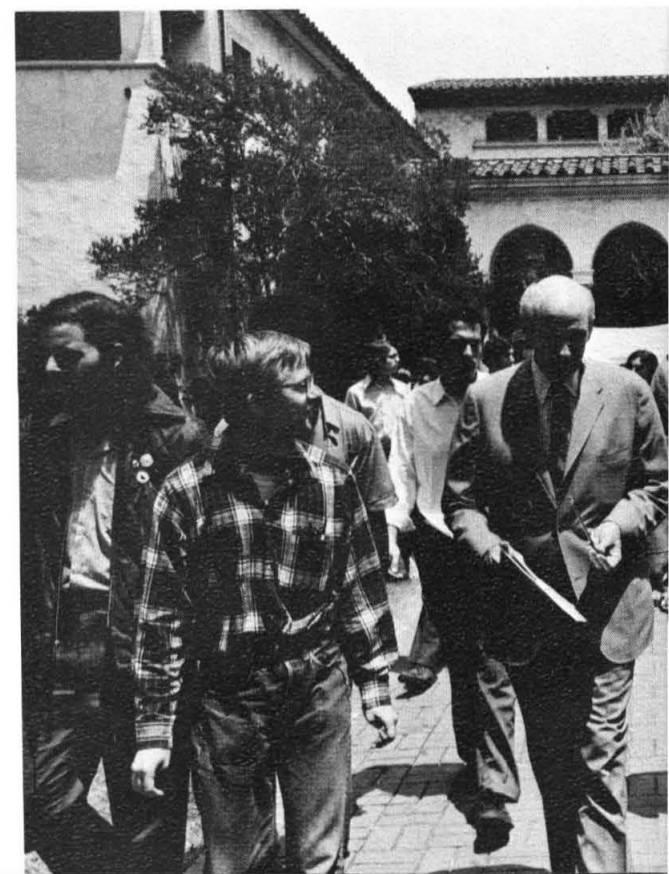
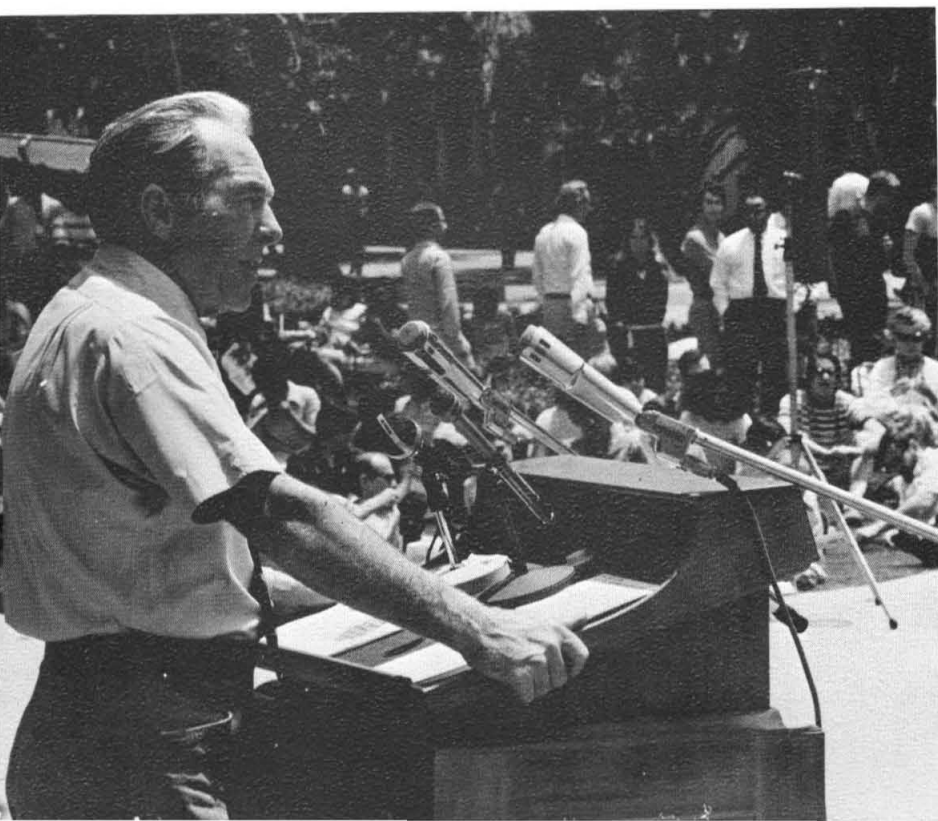


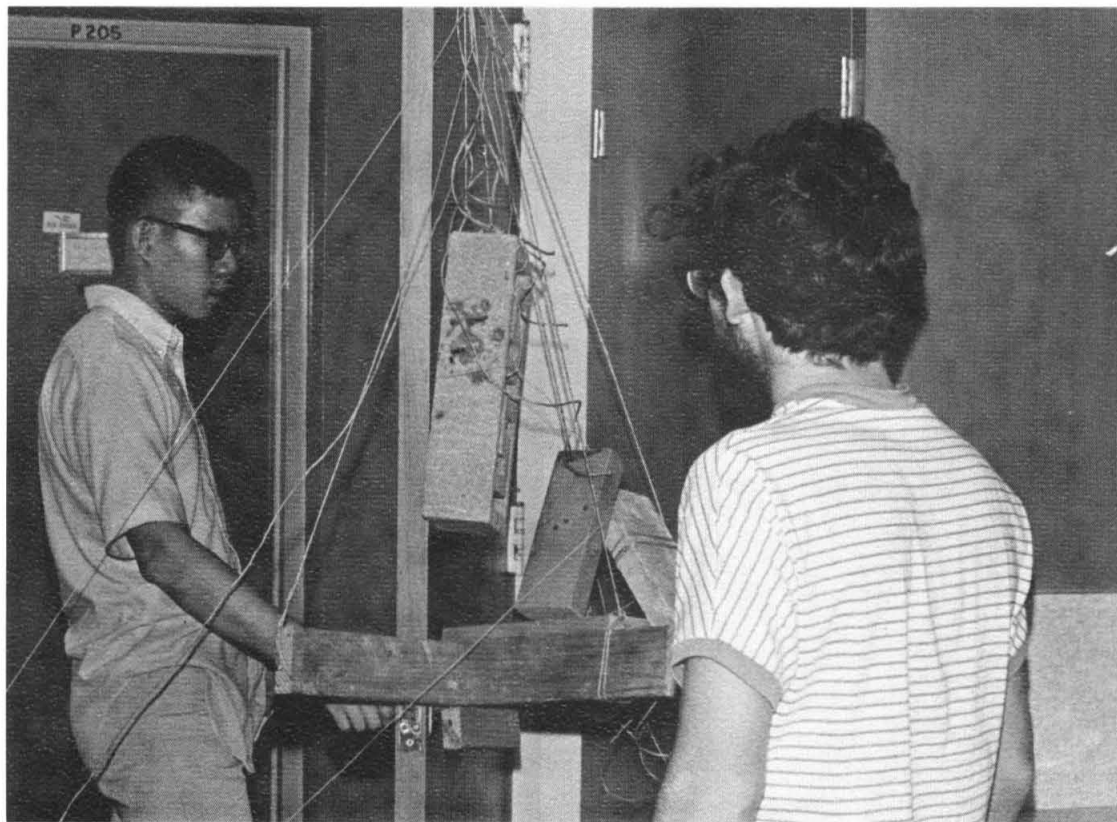
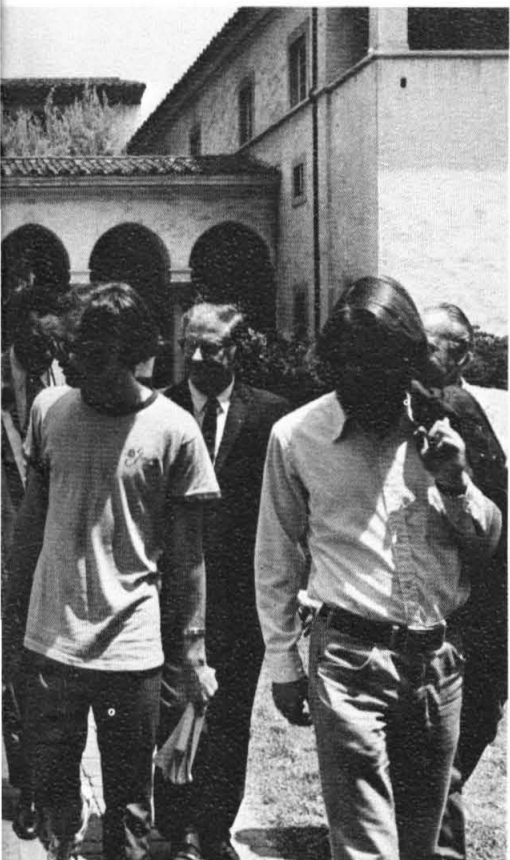


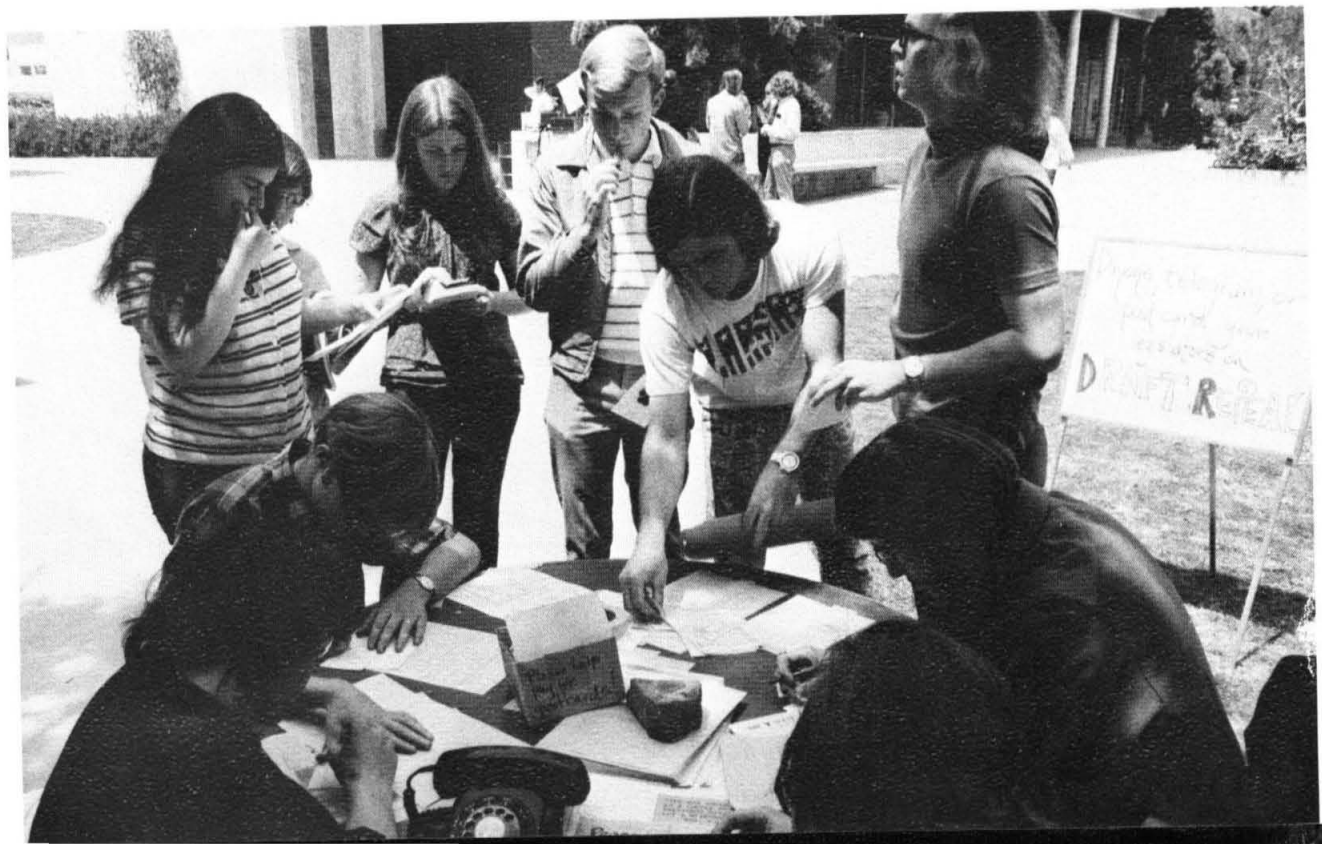
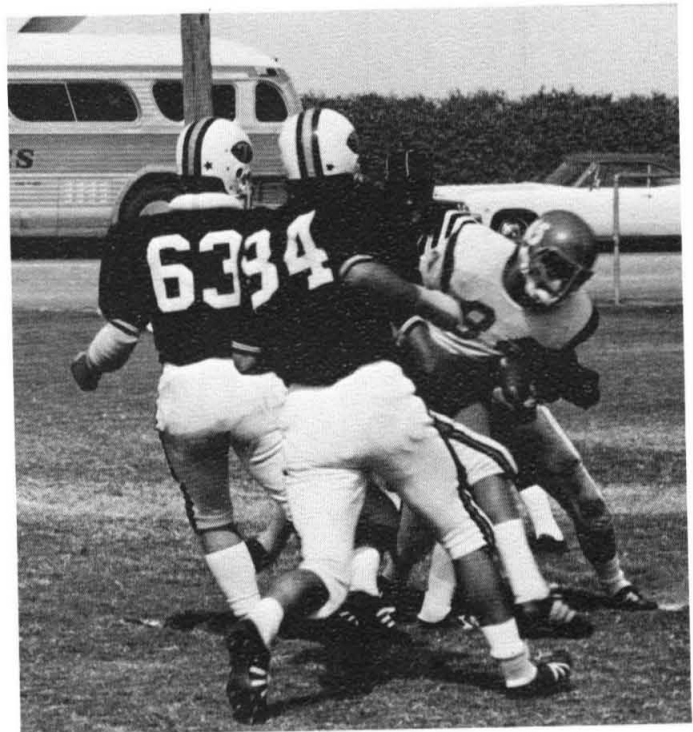
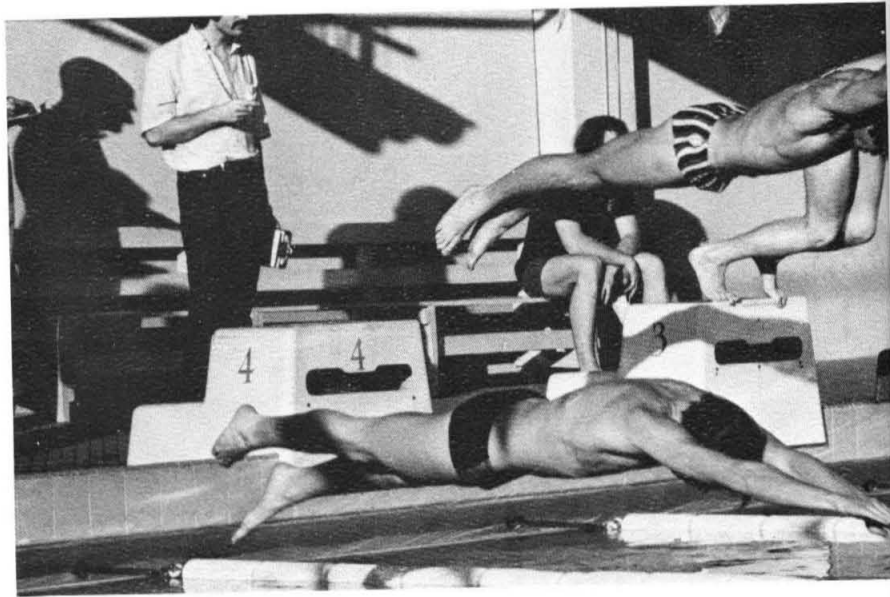
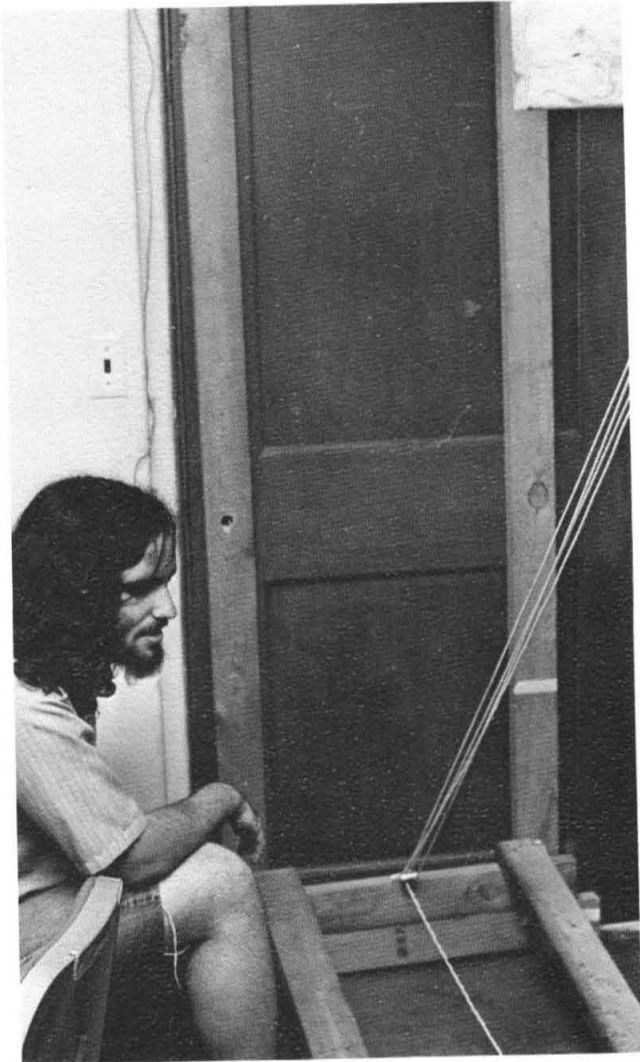


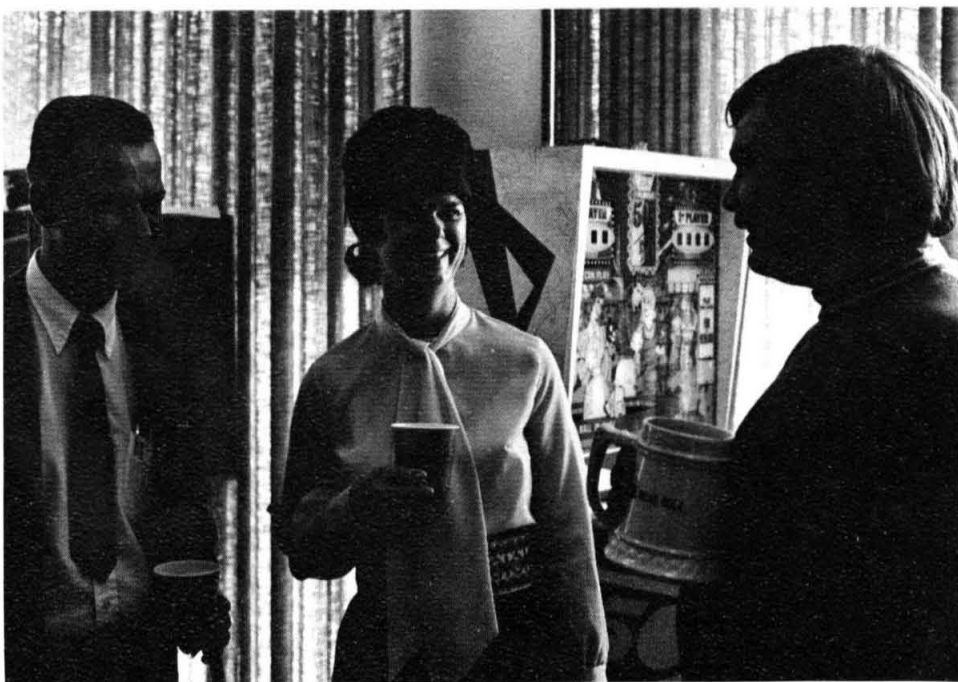
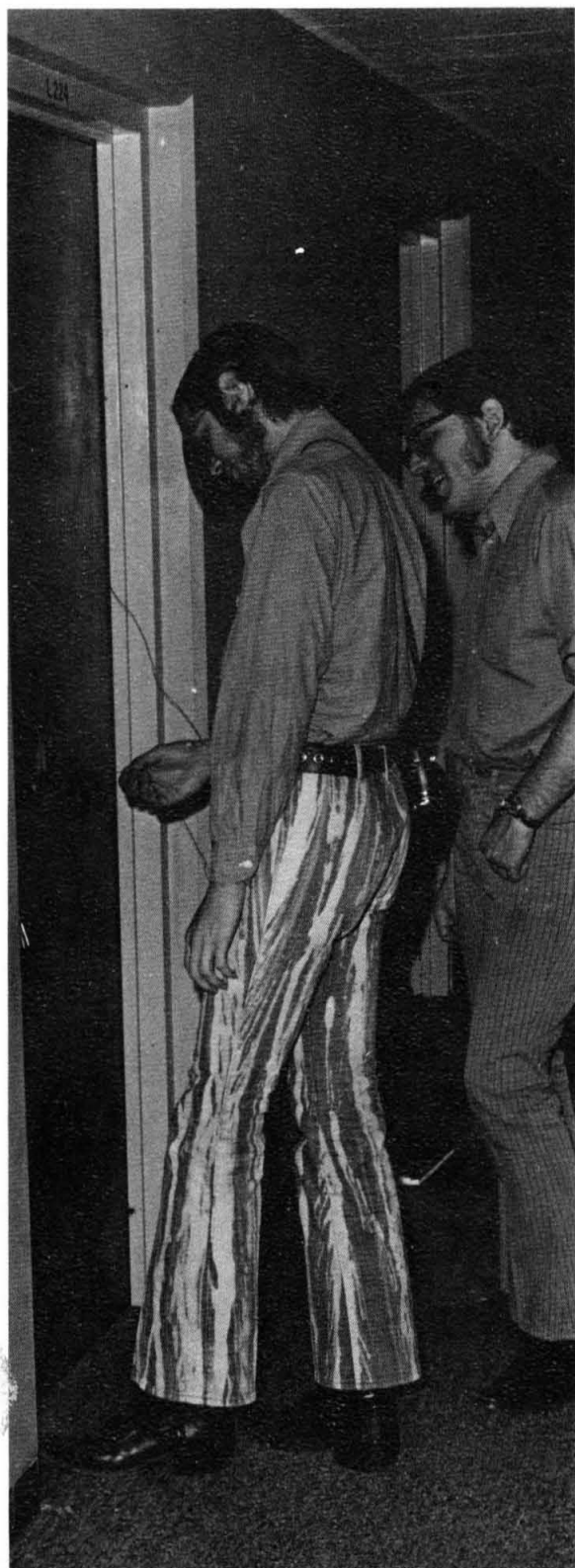
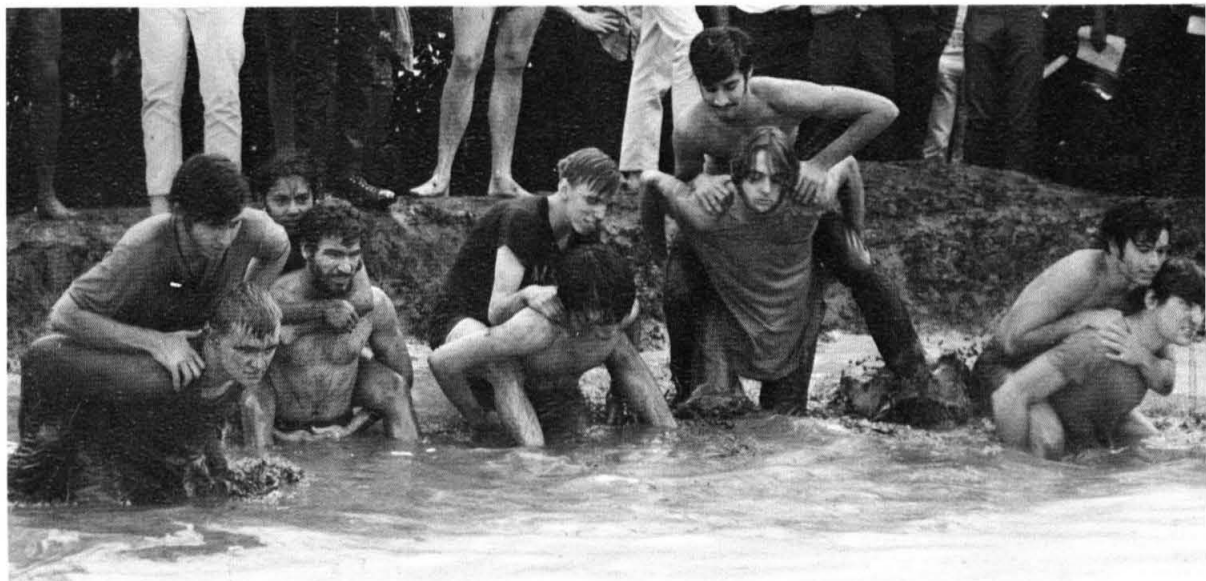
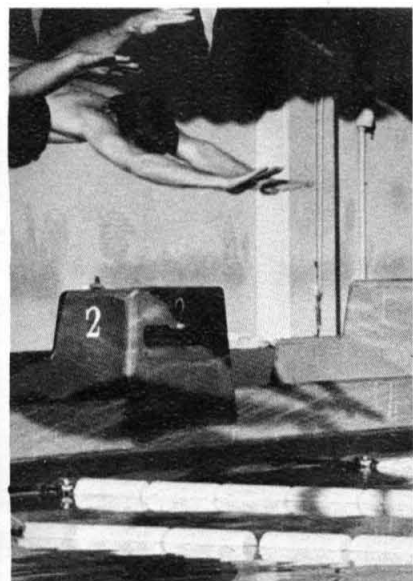


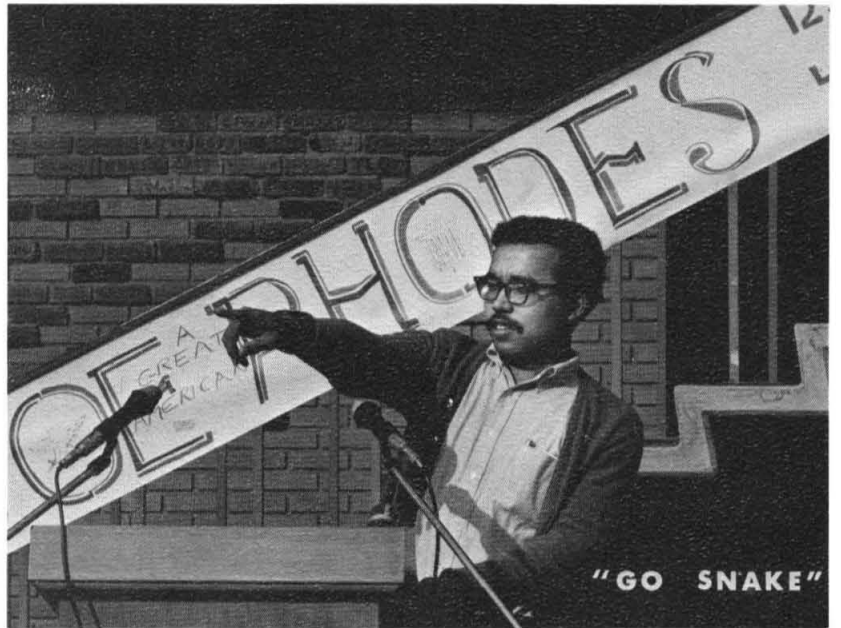






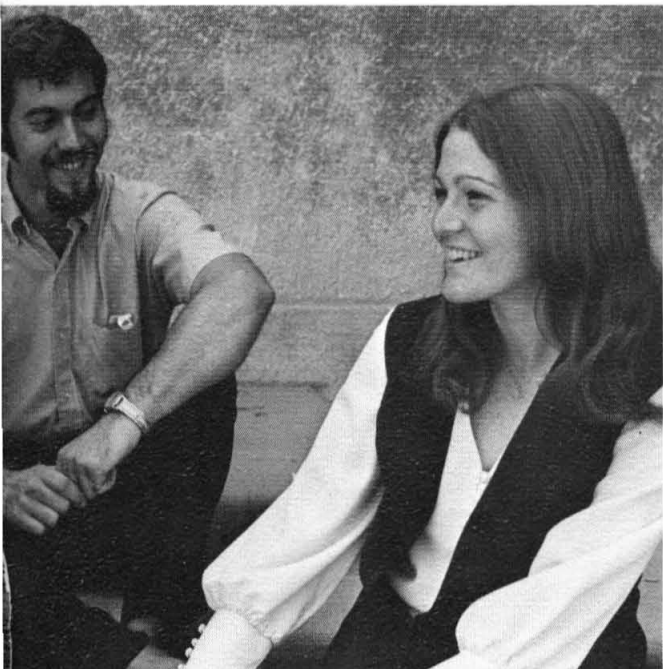
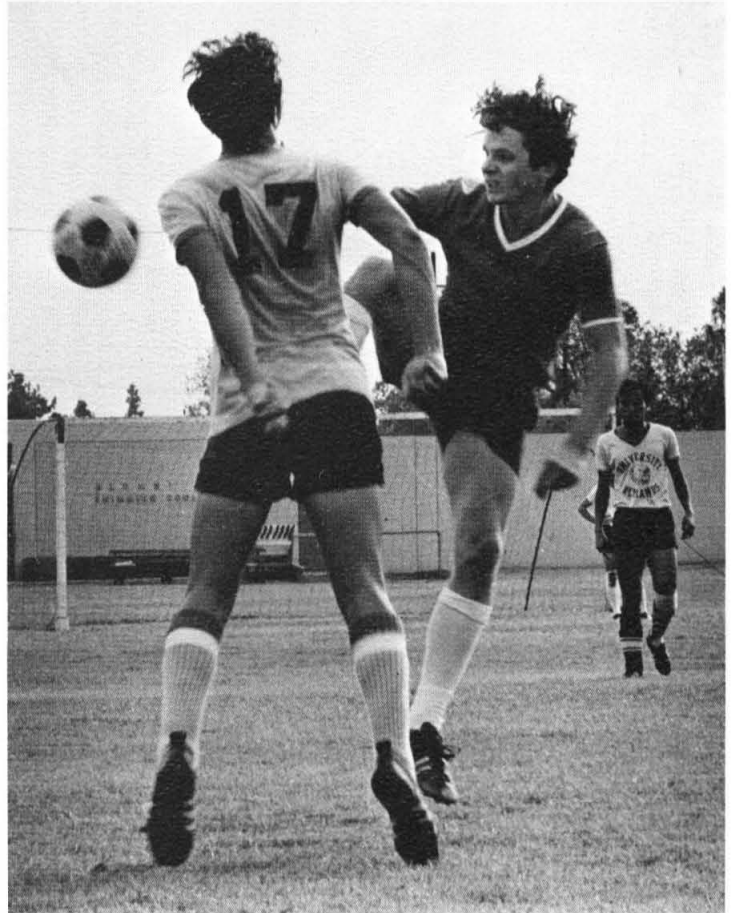
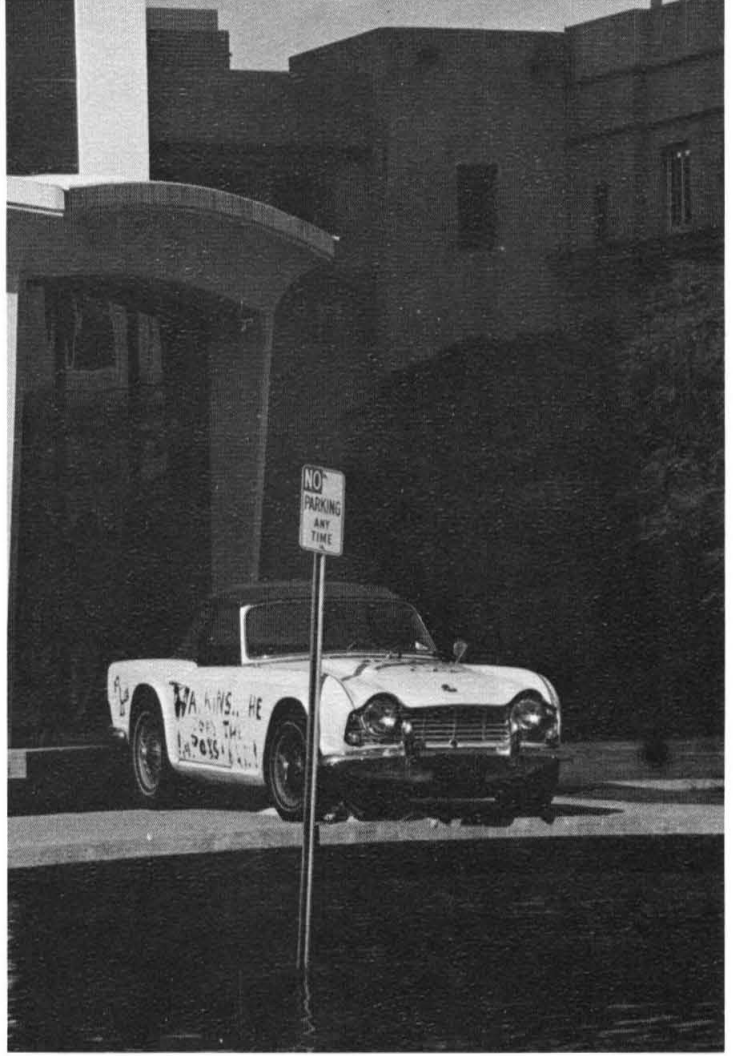












DISPROOF OF CHRISTIANITY

① In the beginning,
 $S = \frac{1}{2} kT + \alpha \exp \{-2.7 u\}$

② Age of the universe!
 $\frac{1}{R} \frac{dR}{dt} \Big|_{t=t_0} \equiv H = 10^{-10} \text{ yr}^{-1} = 10^{-17} \text{ sec}^{-1}$

③ $G_{\mu\nu} = 8\pi T_{\mu,\nu}$ { $c=G=\pi=1, h=2$ }
whence the reader can show

④ $\frac{\partial}{\partial x} J_c = J_e$ and $\phi_{\mu}(k) = N_0 \int e^x \rightarrow \text{Limit (man)}$

⑤ Use the vector Theorem $\vec{\nabla} \cdot \vec{G} = J^{\dagger}$
{remember $h=2$ }

⑥ Principle of virtuous work $\rightarrow \nabla \cdot B \neq 0$

⑦ And the tensor must be wholly trinity

$$\text{God}, tt\text{-God}, n^* n^* + P_c^n (n^*) \text{God} = 3$$

Take the cross product $f f = 3$

⑧ Religious Perturbation theory

$S(\text{flock}) = \epsilon \rightarrow$ perturbed priest P'

⑨ BUT this would imply $\pi = 3.1416$

which contradicts our initial assumption

Q.E.D.

1. Fartov & Belcher, Review Ancient Physics B15, 169, (1901)
2. $\mu=0, \nu=d$ {See Webster's Collegiate Dictionary}
3. $11\frac{1}{2} EEE^+$ {Metatarsal & Adidas}

CALIFORNIA INSTITUTE OF TECHNOLOGY
PHYSICAL PLANT DEPARTMENT
UTILITY OR SERVICE INTERRUPTION NOTICE

August 18, 1971

TO: Campus
FROM: Physical Plant
SUBJECT: INTERRUPTION OF GRAVITY

The campus architect has requested a temporary interruption of gravity for the purpose of making certain major alterations of campus design. The following changes will be made:

- 1) Removal of Culbertson Hall.
- 2) Removal of the upper floors of Throop Hall.
- 3) Conversion of Fleming House into a parking lot.

It is expected that gravity will be off for a period of approximately 11 hours on October 4, 1971, from 7:00 a.m. to 6:00 p.m. Only the campus area south of San Pasqual will be affected.

We have been advised that the interruption will undoubtedly create non-causal gravitational singularities along the boundaries of the region affected. Therefore San Pasqual Street will be closed to traffic throughout the day.

It is advised that the following precautions be taken:

1. All heavy equipment should be tied down. All laboratories will be carefully inspected on Oct. 1.
2. Due to danger of walking outside, all personnel are urged not to leave buildings. If forced to travel from one building to another the steam tunnels should be used.
3. Change in the pressure differential in pipes may trigger fire alarms and sprinklers. Please do not leave buildings!
4. Since elevators will be inoperative during this time please use stairways.
5. All people normally parking cars south of San Pasqual should take care not to do so on Oct. 4.
6. Please do not flush toilets.

For further information contact: Kip S. Thorne, B. Schutz, or C. Will, Ext. 1598 or 1200, or Mr. Bob Phelan, Ext. 1724.

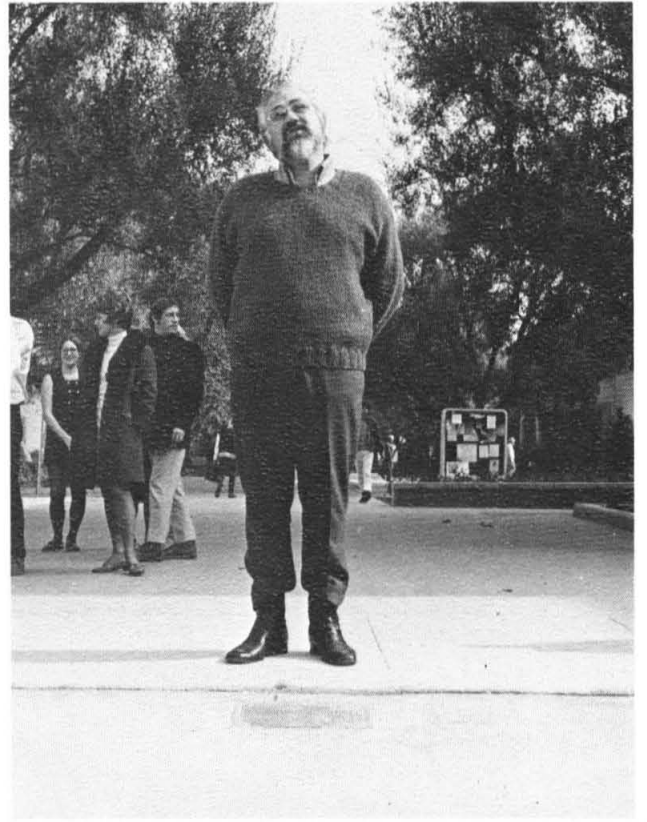

Al Nuevavilla





HOUSES

MASTER OF STUDENT HOUSES



Diana Best, Muriel Williams and friend.



RESIDENCE AND DINING HALLS



From left to right: Robert Gang (Manager of Residence and Dining Halls), Barbara Herron, Debra Corcoran, Adrienne Holmes.

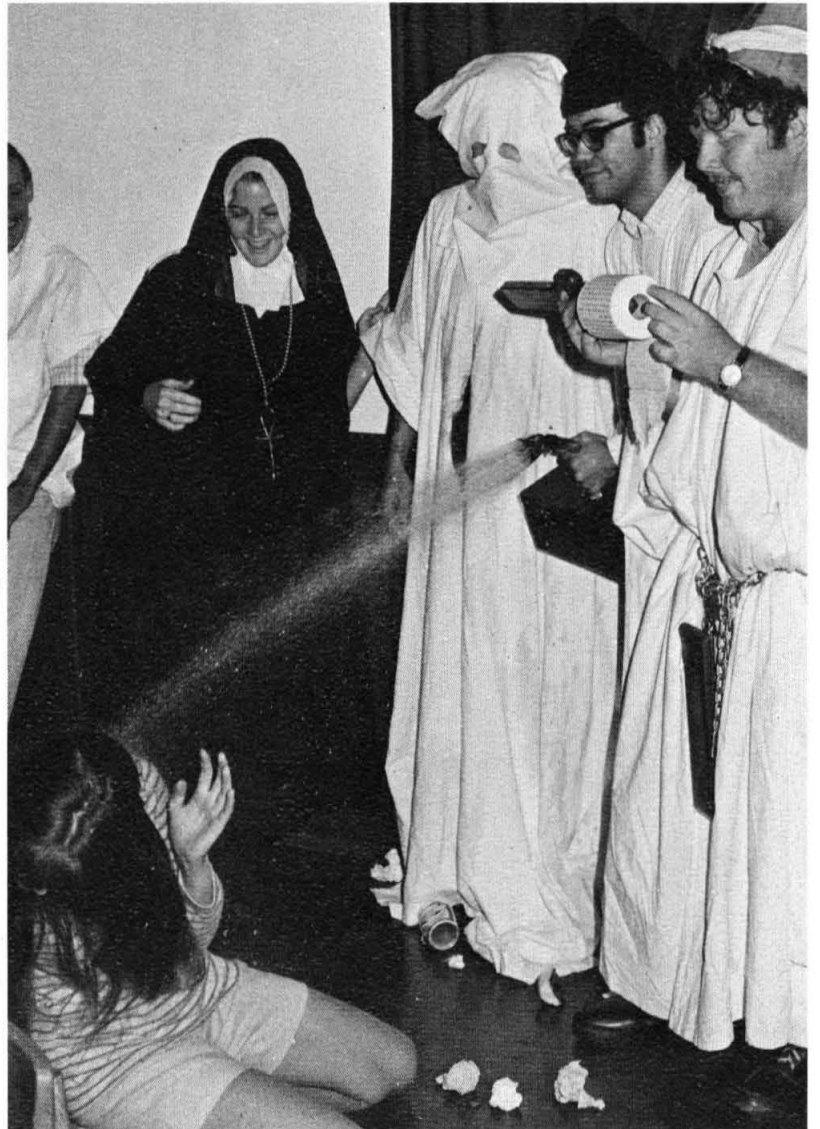
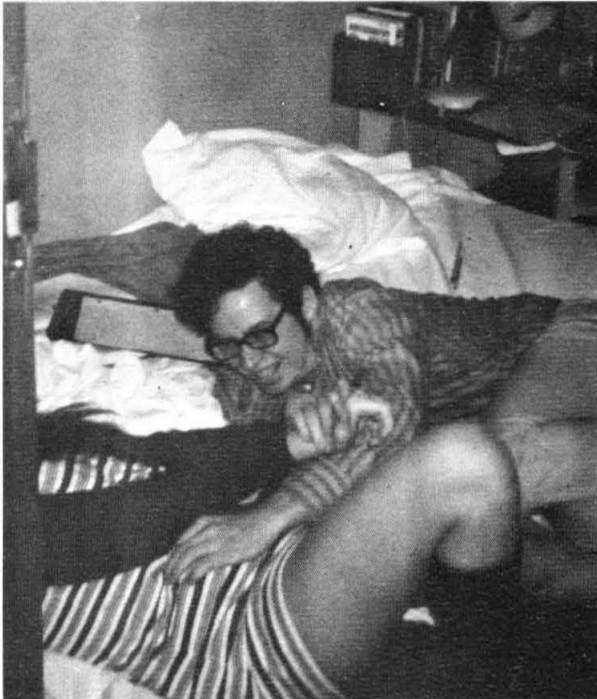
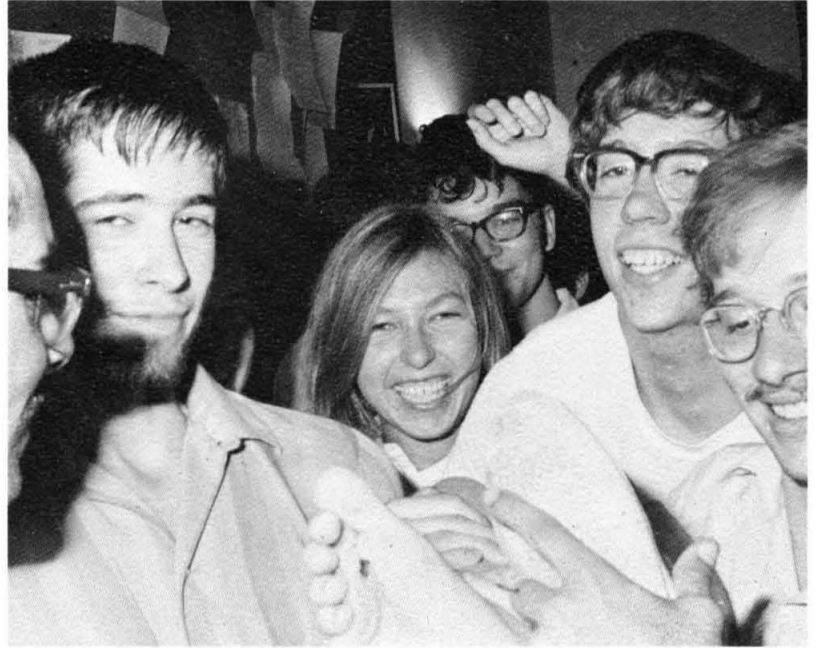


Mr. Gang relaxes outside his office after a student from the University of Chicago helped him solve the mystery of the missing Page House refrigerator.

BLACKER HOUSE

Blacker's first year with Co-Techs started off with a bang. The Frosh (both male and female) were quickly initiated into the Church and the House of Blacker (ttboai) and soon were trapped into the first, and last, annual Menkus-Dashiell car rallye which almost got everyone to the beach. This massively religious year was given a good kick in the (Pope's) ass by an early canonization when Kit Humphrey became Saint Kitura of the Lounge Run, first frosh to ever successfully pass through the far door under her own power.

Soon thereafter, the Mohler cannon was resurrected by Brock, Menkus, Nelson, Billister, Belsher, and Batchelder, who laid seige to Lloyd, Dabney, and Fleming with



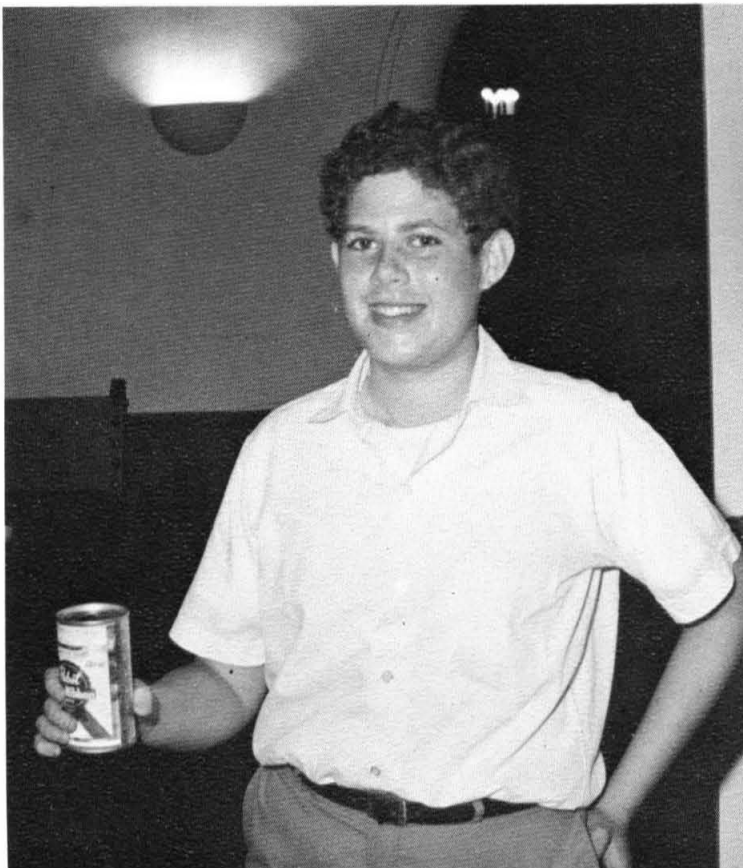
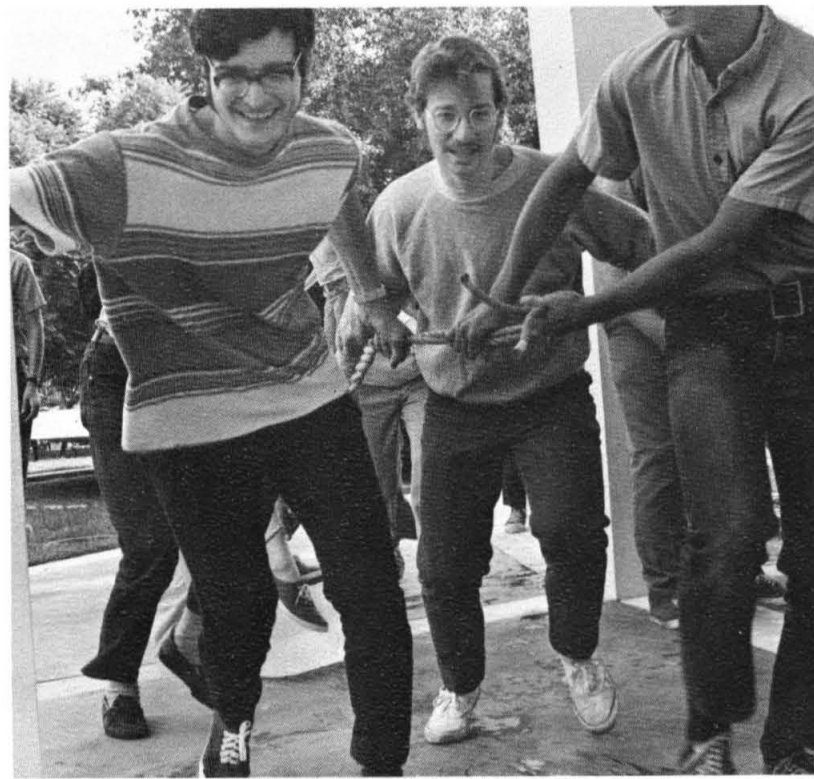
flaming charcoal briquets and chemically treated eggs.

The alley-challenge ladder was revived with a four-way ice-block riding contest around Beckman on Parents' Day. East Blacker managed to bring home the cold cuts after trying to run down the fear-crazed parents.

While Hell took off on the Hell Alley tri-annual camping trip, along came midterms, and everyone else took time out to stack one of the frosh bunks. In the last part of the term, the social program poked its head out with the appearance of the second annual Posh dinner party, Eric Schiff presiding.

Second term began with a religious revival, and Louis Krupp was canonized Saint Louis. In the elections later on, the house voted to conserve mass within the Papacy and elected Ed Pontius and Bob Plaag Pope and Anti-Pope respectively.

The house went to the polls second term and, deciding to keep things in the family, elected Gary and Sharon Long the President and the Mother Superior, making the Church and the House truly inseparable if not downright cozy. Second



BLACKER HOUSE

OFFICERS



Front: P. Tompkins for A. Coltri, Secretary; L. Smith, RA; E. Schiff, President; T. Weaver, Vice-President; J. Belsher, Historian; B. Gibson, Librarian; G. Navratil, Librarian; J. Gord, Teletroll; B. Resnick, Food Rep. Back: G. Rubenstein, Social Chairman; P. Smith, RA; G. Spivak, Treasurer; S. Skedzeleski, Librarian; D. Taylor, Social Chairman; George Alverson.

SENIORS



Left to right: E. Schiff, T. Weaver, D. Taylor, J. Batchelder, P. Tompkins, S. Menkus.



JUNIORS

Left to right: C. Anderson (Senior), V. Lee, J. Stone, G. Spivak, R. Zimmerman, T. Heistand, E. Wheatley, K. Tung, R. Lighty, M. Yeung, R. Wells, G. Brock.

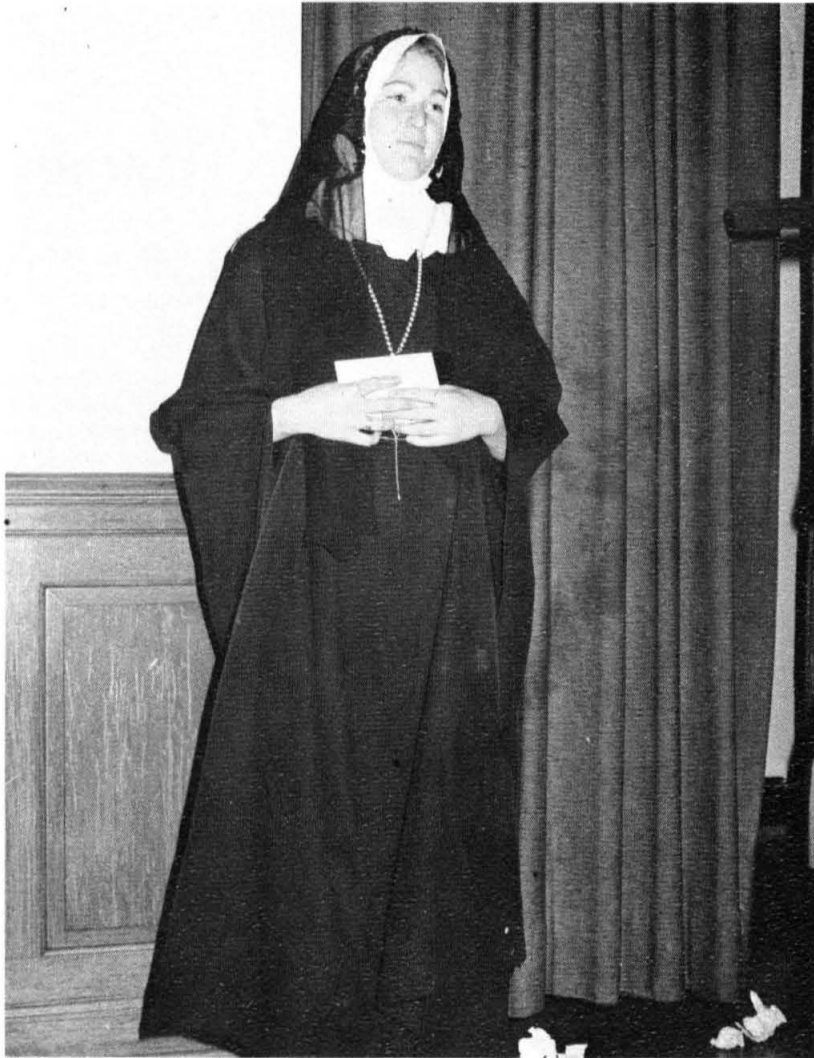
SOPHOMORES

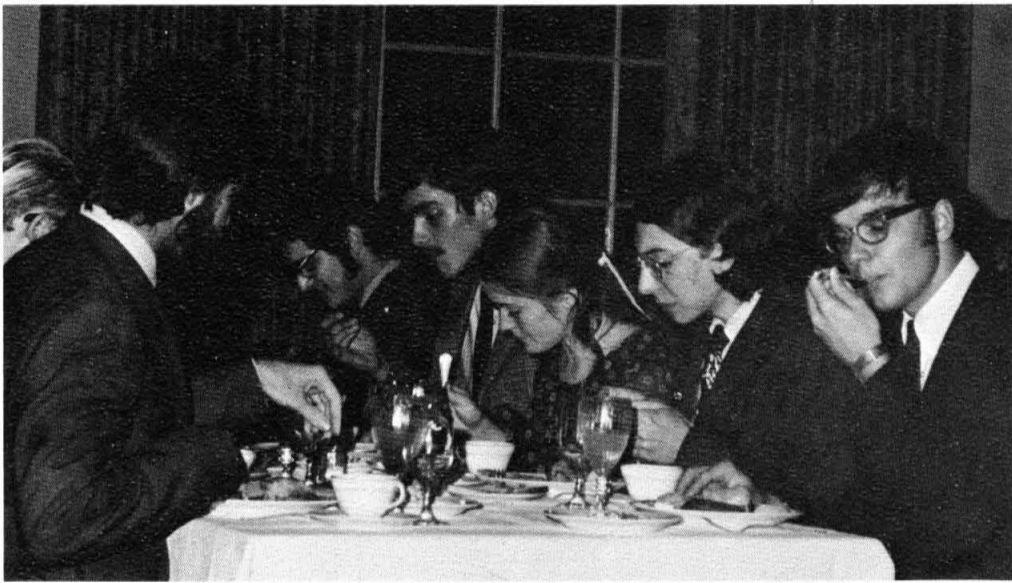
Front: B. Gibson, G. Alverson, B. Resnick, J. Vibber, S. Spivak. Standing, front: G. Navratil, P. Andriola, J. Gord, E. Ehlers, S. Skedzelseki, S. Dashiell, J. Belsher, K. Hickson, R. Greenburg, R. Plaug, R. West, P. Tserliangos. Standing, back: W. Sherrer, B. Herman, J. Bonomo, G. Rubenstein, A. Coltri.



FRESHMEN

Front: K. Humphrey, J. Wainwright, V. Peacock, L. Weigle, C. Nottenburg, S. Levy, J. Courval, P. Anwyl, J. Hsiao. Back: R. Lem, D. McElroy, P. Breene, L. Schalit, R. Stanley, E. Pontius, B. Handjobber, M. Eichbauer, R. Ayres, B. Harman, B. Jack, P. Tressel, B. Montgomery, S. Matthews, G. Nelson, J. Harrow, H. Nibert.

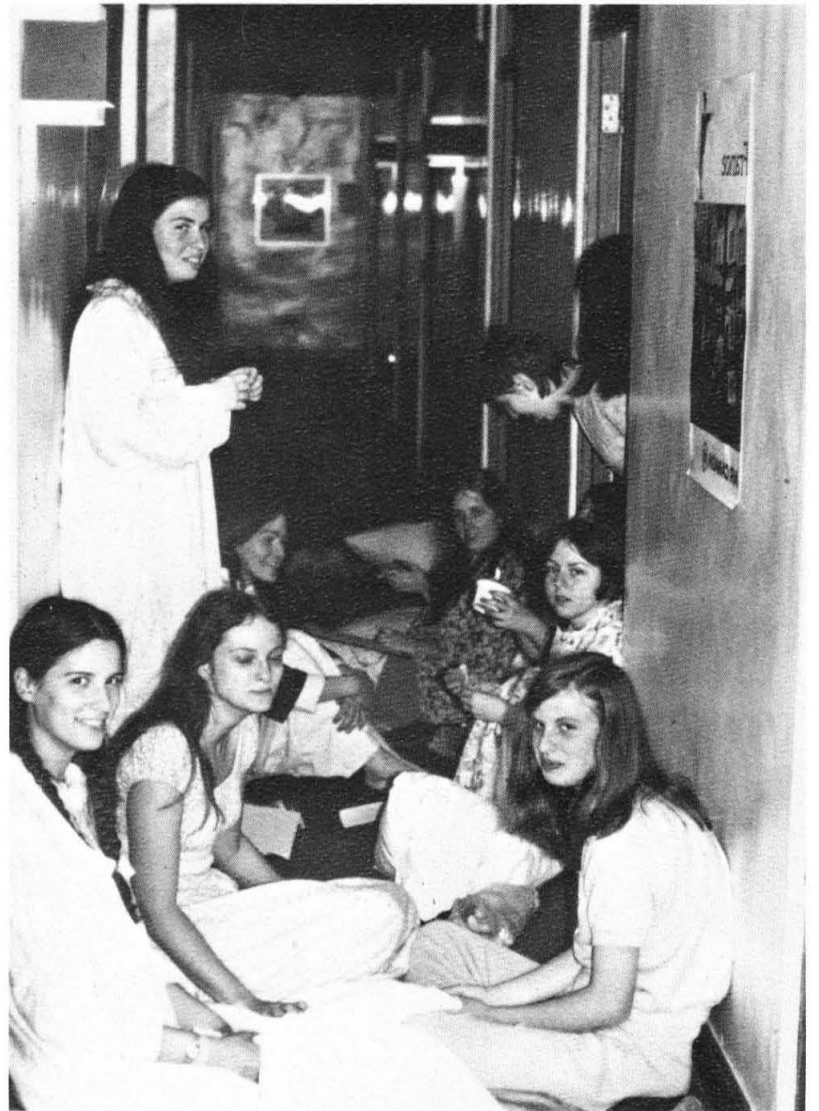
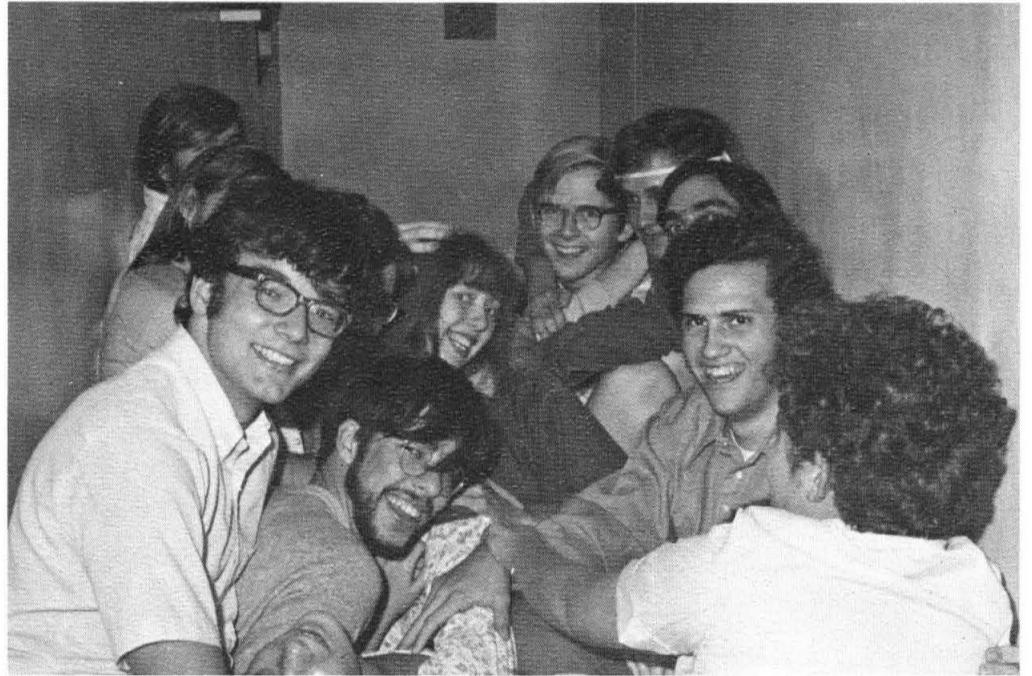




term was also the scene of the Battle of the Hole with Menkus, Long, Weaver, Plaag, Harrow, and Ayres fighting it out with the campus architect. Final score: Upper Pub - 1 hole, Contractor - \$350.

In the third week, Hell took off for the second HAT-ACT, and the girls finished the term by sealing up Tunnel for a slumber-party. The social program came through again with twenty-five spies turning out for S.U.C.K.E.D.

Third term, the athletic program under Stanley, Anwyl, and Harrow came into full swing with the volleyball team winning games for the





first time in three years, and the softball team defeated Page in Discobolus competition (merely clinching Fleming's Discobolus trophy). Alley challenges got exciting as Menkus proved his true worth in the East Blacker-Tunnel Jacks challenge, only to be on the losing side against Tunnel's best, led by Long.



The social program surfaced and went down for the third time with Othello tickets. Montgomery showed Page that Blacker doesn't play favorites and rang up the score by mounting, with a little help from Weaver, the Fleming din-din bell on the side of Millikan.

Senior Ditch Day rolled around, and Menkus and Dashiell revived the room stack custom by keeping the frosh out for 2.5 hours until Plaag and Harrow managed to beat the closet stack into submission. Later, with the supervision of Belsher, the frosh did manage to restack the room against Menkus, Dashiell, Pong, and Tompkins for thirty-five minutes.

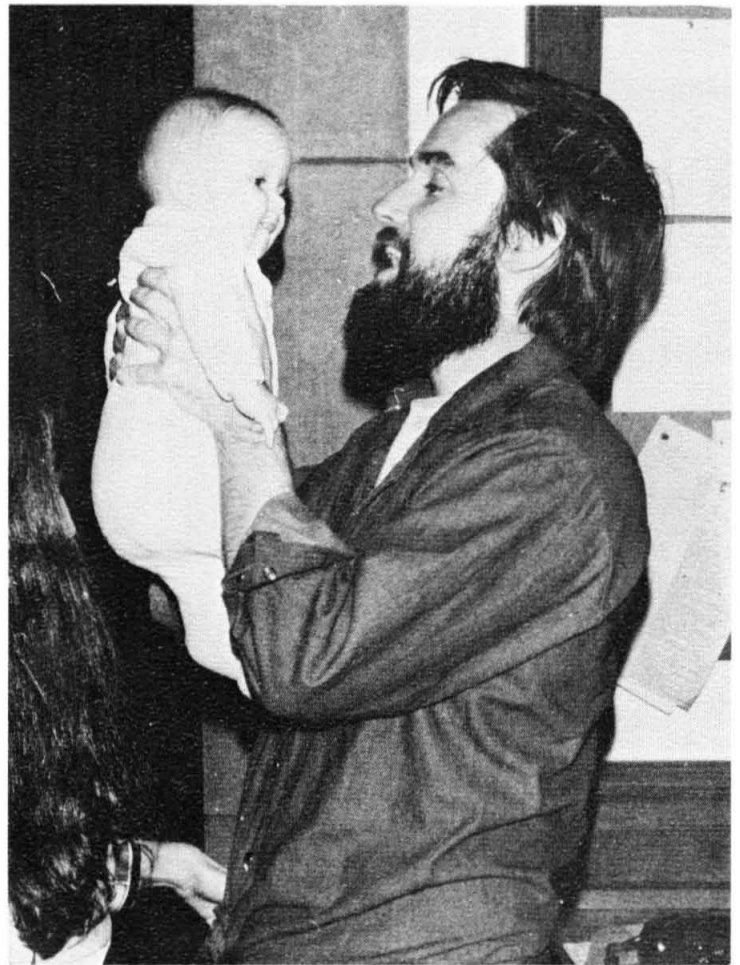
Tunnel alley went bananas just before finals, and the year died with the third HAT-ACT on Memorial Day weekend, and finally Gary made an honest woman of Sharon.

DABNEY HOUSE

Les Fleurs du Mal

Surely you remember me, we have met before; my name is called Disturbance. Has it been so very long since our paths crossed? A summer, lovely summer, peaceful summer. You have been going to and fro upon the earth and walking up and down in it. Well, so have I. But isn't it nice to be home again. Welcome, disturbance and disruption, that we may continue to grow and learn from each other. My favorite students, the rare best folk, accompany me in my pursuit - no, in our pursuit, all the knowledge is ours - of wisdom. Just to wait is no delight. We chase! And grow, and learn. From each other, nicht wahr? Give and Take. I wish to state quite definitely that it is by no means out of any wish to bring my own personality into the foreground that I preface with a few words about myself and my own affairs. I mean to write no allegory of the progress of everyman and all-darb; only history.

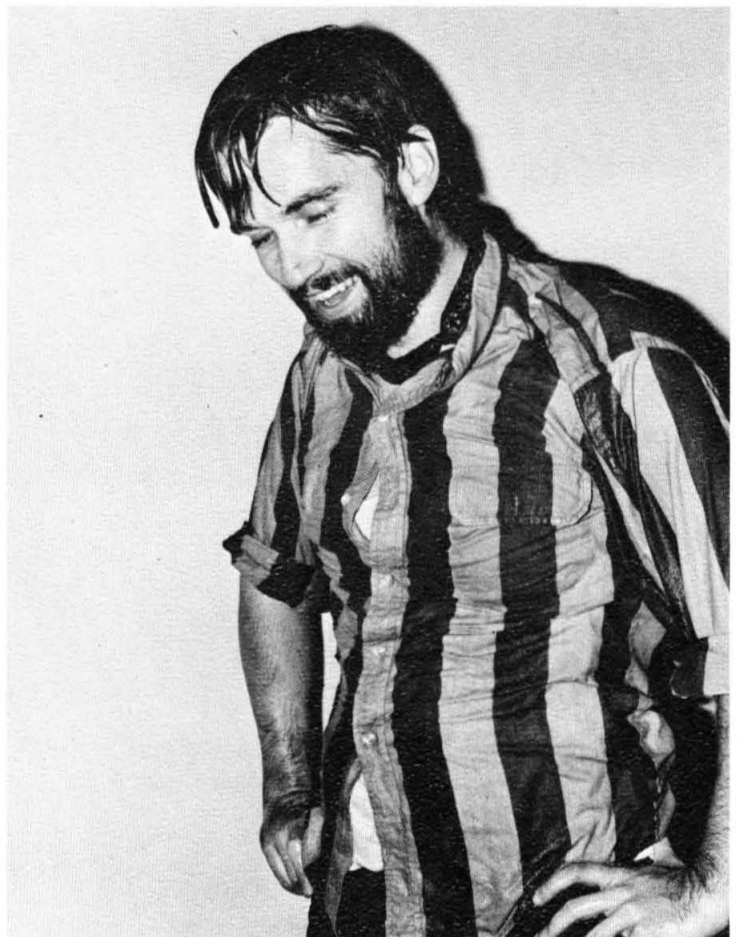
Autumn belongs to confusion and disturbance and to the bewilderment of the new. To the amazement of the old, the collective consciousness had undergone Intellectual Ego Death over the summer, which manifested itself in a rumble in the alley. No one knew the shape it was in. Happy collapse was fast approaching, a depth or a zenith, and to all the imminent peril rendered new meaning, little peace, much soul searching, a propitious start for the first team. Be it ever thus. No great improvement was forthcoming: was this bad? Let us not say that a malaise descended over continence, when twenty concious entities must be obliterated for a night to prepare for one child to come. It happened this way, by chance or design.



Proud father (right) with daughter



Aunt, mother, and child



Congratulations were in order



Brain salad

AOXOMOXOA



Physical balance must be maintained; for the arrival of the new one coincided with the abduction of another young girl, wrenched away as a whelp by a hunter, in sangfroid, with the blessing of institutional psychosis. Necessary to maintain symmetry, for harmony to return.

There was at this time a small incident involving an irretrievably damaged mind. The mind was broken quite by accident, by being stood on its neck with a smile well-bred, but the incident engendered the best evil rage seen in a long time. The lesson was that minds ought not be tossed back and forth like frisbees. Once there was a demonic sort who said of a positively logical philosopher, "I'm going to retire when I hear him say, 'I never realized!'" It happened, and the man has gone away. This progression of personalities is a topic of much fascination. People manage to keep each other busy: under the spur of fresh management, the usual house indolence fragmented enough to permit an interhouse, dedicated to games of chance and further decadence. Culture shock was provided by a pig with a preference for the sapient species. The winter solstice was celebrated with customary abandon, with green elves and gray santas, and the finals and the vacation were the first term.

A grand concourse of visitors and prodigal sons commenced with the new year. Hospitality Characteristically Extended. The frosh made merry our Australian cousin, affording her their many kindnesses, linking hands and so forth across the water. One we'll characterize by the name His People's Meth returned from the hinterlands to direct a multi-trillion dollar corporation from the basement of the late room sixteen. It was called E Mu, to honor the extraterrestrials who visit the houses during the summer, in memory of an evil, live Emordnilap ambassador slain imprudently on the floor they occupied till he came. And capitalism did flourish as worldly pleasures were encouraged for a small consideration by the House Shylock, twenty dollars and not one drop of clorox. There were fortunes made on the turn of a card and by various Saturday night food concessions. For love of money there were pizzas and chickens and libraries, and men chased after philosopher's stone and the beast which could turn gold into silicon and water into gold.

DABNEY HOUSE

OFFICERS

Sitting: A. Dowsett, Vice-President; G. Frankel, Ath. Man; H. Farhi; R. Ashley, President; A. Wench; L. Anderson, Treasurer; S. Shaiman, Social Chairman; A. Rice, Secretary. Standing: L. Kirkbride, Frosh Rep.; D. Miller, Controller; R. Flake; M. Muskin, Treasurer; J. Morin, President; D. Rudolph, Vice-President; J. Meador, Headwaiter.



SENIORS

Left to right: R. Flake, R. Ashley, R. Fisher, R. Pethoud, J. Justiss.



JUNIORS

Left to right: D. Rudolph, S. Gabriel, J. Cameron, D. Ballard, R. Sills, R. Spears, P. Re, M. Muskin, J. Ketcham, L. Britton, P. Davis, S. Shaiman.



SOPHOMORES

Left to right, top to bottom: J. Meador, S. Gabriel, R. Spears, P. Peterson, W. Loucks, H. Farhi, D. Ballard, D. Miller, P. Marcus, P. Walker, J. Morin.

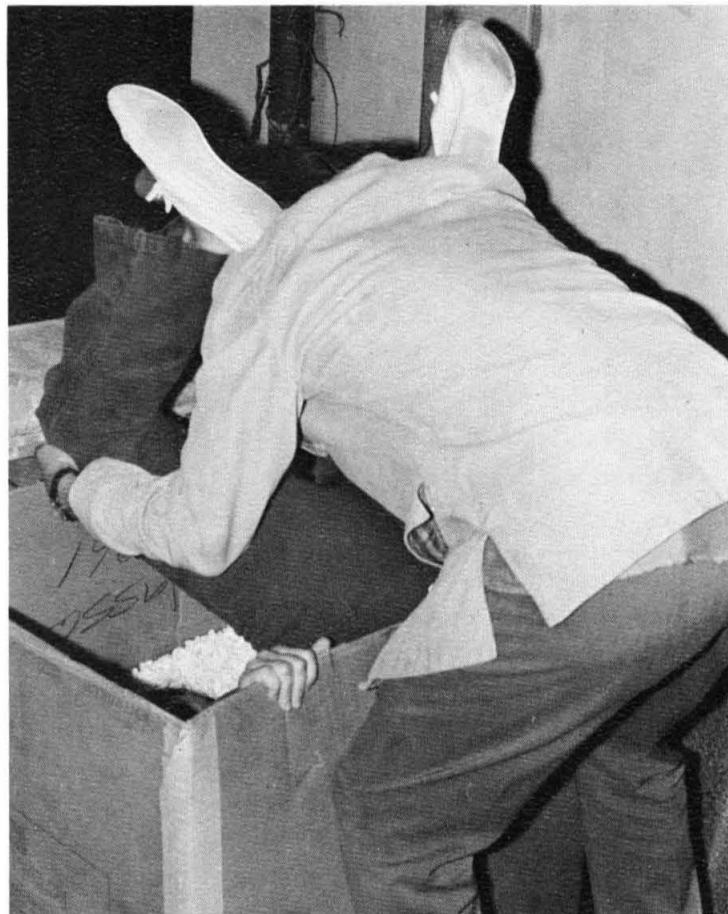
FRESHMEN

Left to right: R. Rubin, M. Wimbrow, J. Carlsen, Y. Takii, J. Siegel, C. Rivera, J. Tapia, R. McGee, R. Gandolfi, V. Shields, K. Roberts, B. Trus, A. Dowsett, L. Kirkbride, R. Kieckhefer, G. Peterson, L. Anderson, G. Frankel, P. Perkins, W. Brown, H. Robinson, P. Gloger, J. Aach, M. Johnson, A. Rice, B. Kwan.



Now in these times as in all there flowered affairs of the heart. Often these touching affares d'amore will lead to a charming church bride, or to a wedding of sorts, after a long fishing expedition. An altar may be owed to joy, or it may be viewed as a rat's catafalque in a funeral. Puppy love remains for most, pursued ruthlessly. For primal urges presidents and drummer boys gratefully did sell their souls for scrip. Arcadian ladies rode from the country to satisfy carnal desires of a few, and others were ministered to by the daughter of mother mountain. Nor were the freshmen left alone, but rather dissipated and spread throughout the house. Men were taken into three and four way yokes, some caught, some chased, all lost, laboring for love of hornisatiabilitudinitatibus. One errant couple was banished in a fit of hardheartedness to a dank garret, in dank errant twin rooms, and the prettiest pair stood exposed as a fraud, with legs like handles of pruning hooks.

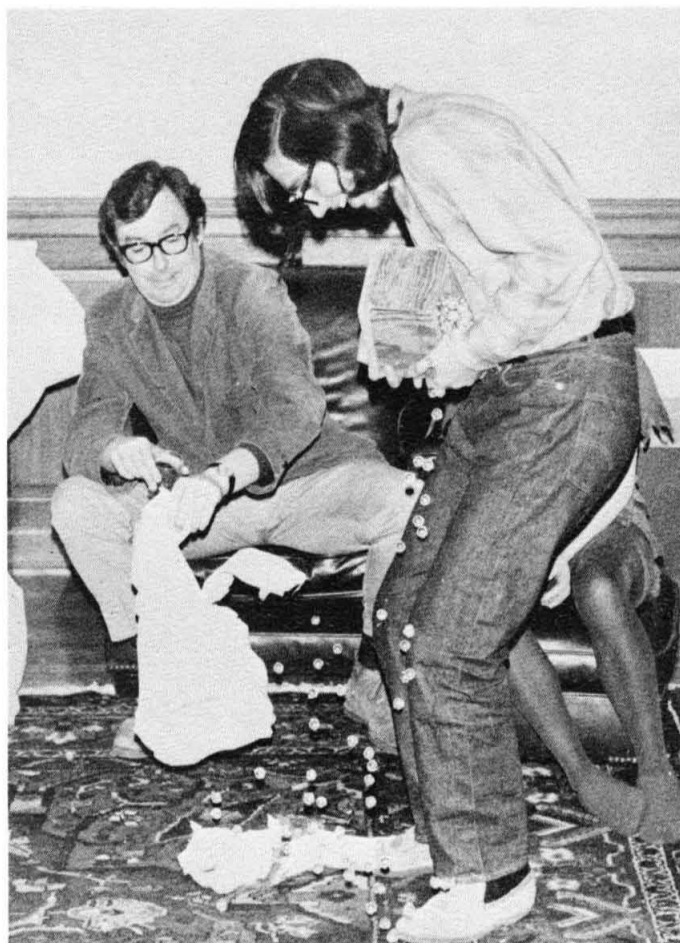
Inexorably cycles loveddeath, eroticism become thanatopsis, violence and war again stalk the land. The Wars of the Oranges were resumed with the accoutrements of modern science and social psychology. Dabney Louise rose to the occasion, making of herself propaganda to sap the morale of the opposing forces, while Herr HawHaw acted as a stick to her carrot. More Highsigns: a frog, much unsanctified as an omen to embody divinity, was floated on a wooden bark to join holy ghostfish and departed souls whose hearts were to be weighed against a feather in the afterlife. There were signals from the interior of the earth, so jubilant Black Sabbaths were held, ceremonies of sinister portent, inhuman prayers to serene Luna who stroked the wine-dark sky in the temple by her light. A small man, white from the ravages of famine, was seen slinking through the house to prepare for the day he should land on the western shore to be weighed and found wanting, and neither should he make war anymore.



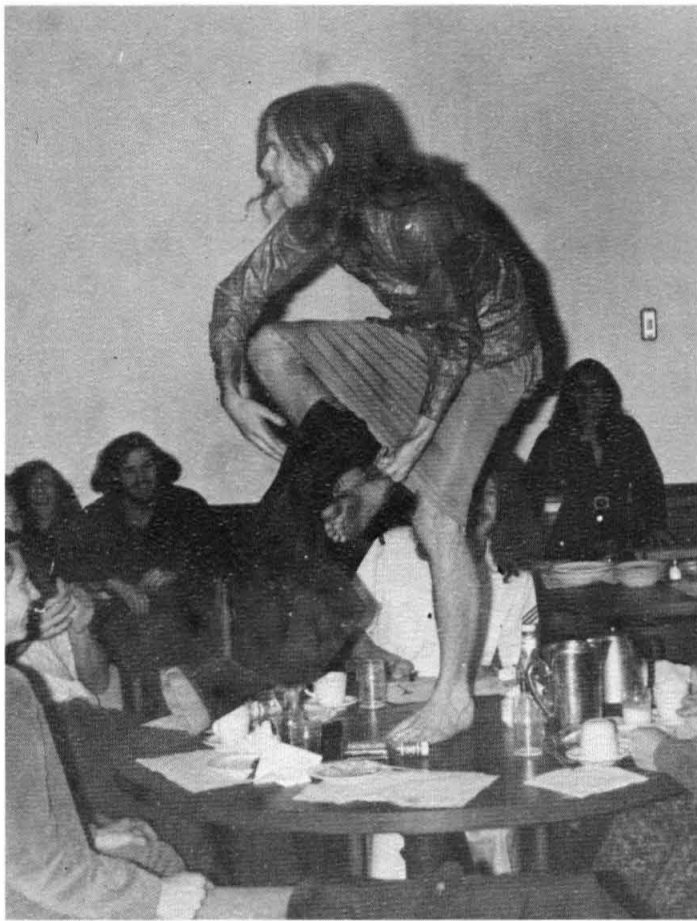
some.



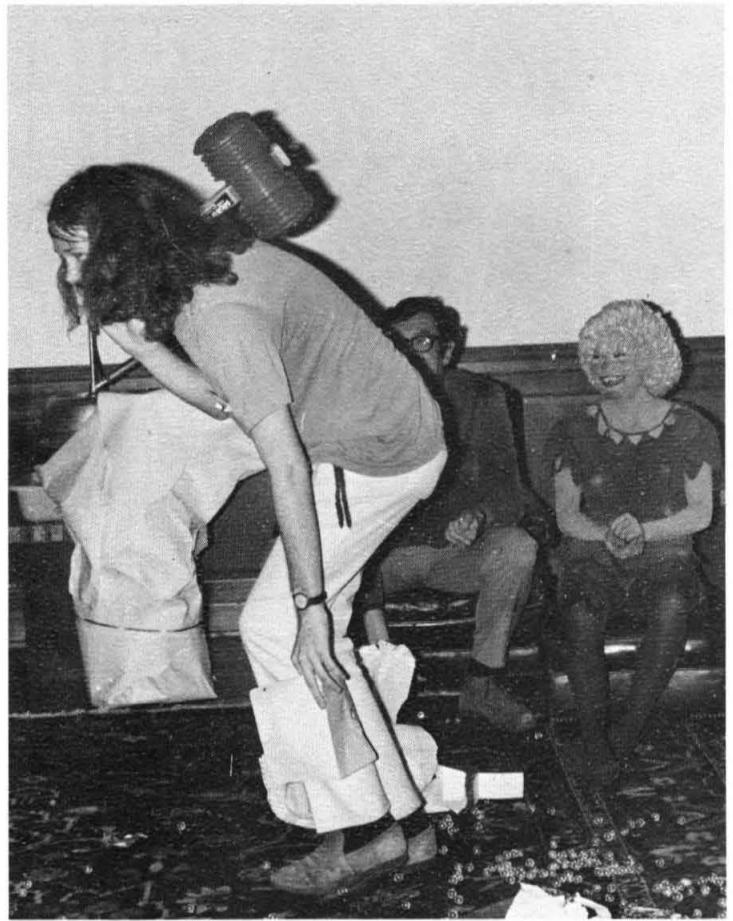
5 + 4 = 9



Losing what appear to be marbles



and I'm gonna get me . . .



They got some crazy little women there . . .



Cheese



Spoils of war



Sitzkrieg

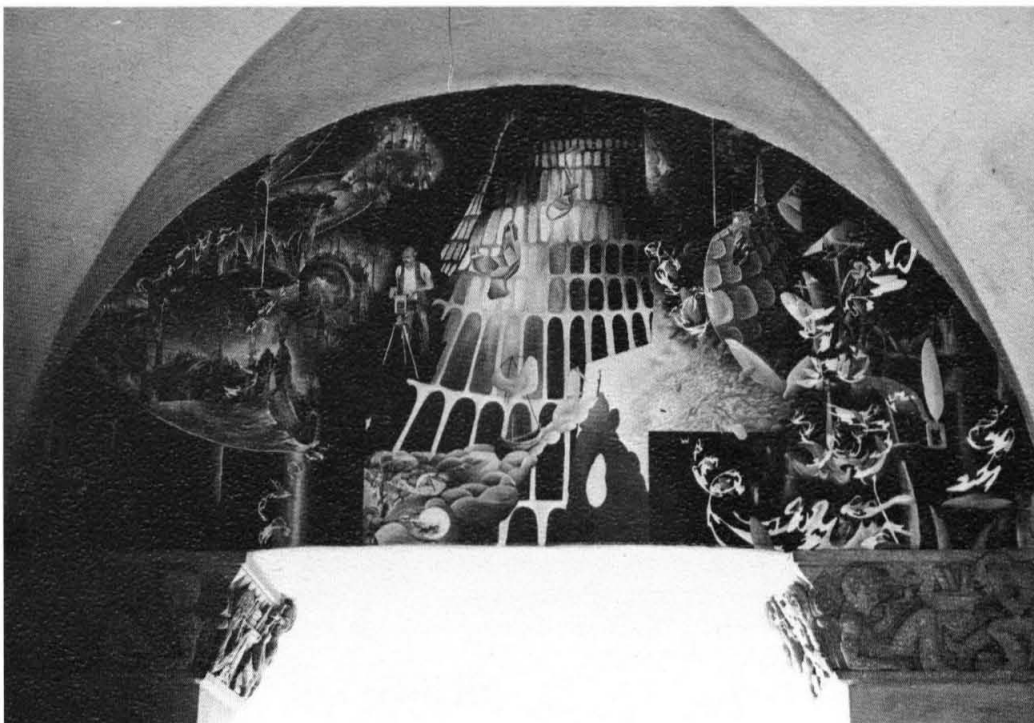


Sentinels guard the mind, they must be outwitted for the pursuit to continue. And so a rite to free the unhallowed minds of demons ensued, of a sundry night, meeting with unrivaled success as a transcendent pipeline conveyed minds that they might see to know. Yet even at the time treachery was afoot, and betrayal most foul occurred. Lo, is seen Brutus! and at Philippi pressure was brought to bear. But we rallied, at last even gave real support, and those responsible were admonished and had to pay fifty dollars and pick up the garbage. Naked anarchy had been set free, and shared a little joke with the world somehow. Disturbance shall visit again. The birth of the rough beast to whom the hour belongs is limned above the courtyard gate; though the summer is his domain, the fall is mine. Regards until then, and I exhort the wise only to wonder at unlawful things, whose deepness doth entice such forward wits to practice more than heavenly power permits.

---Rosemary's Sad Phantom,
Zee Bubble



An early photographer photographs the birth of God



The resultant photograph

FLEMING HOUSE

GONE ARE THE DAYS WHEN MEN WERE MEN AND GIANTS WALKED THE EARTH. The upperclassmen returning in the fall of 1970 found themselves confronted with a monumental task - the transformation of thirty three frosh into Men of Fleming. Overpopulation in the frosh added to the problem, for three of the froshlings were housed off-campus, far from the madding crowd. In an effort to instruct these uninitiated (so to speak) to walk upright in the ways of the house, Richard Shaw was made pledgemaster. With firm and steady hand, Rich guided the destinies of the frosh in their first, trying days as Flems. While most of initiation went smoothly, it is truly unfortunate that Mr. Shaw's reign was marred by a single vulgar act on the part of the house. At the very first meal after rotation, the Flems descended to a level of barbarity and cretinism never before seen in the hallowed halls of the Fleming House Dining Room. I trust that such intolerable conduct will never be seen again.

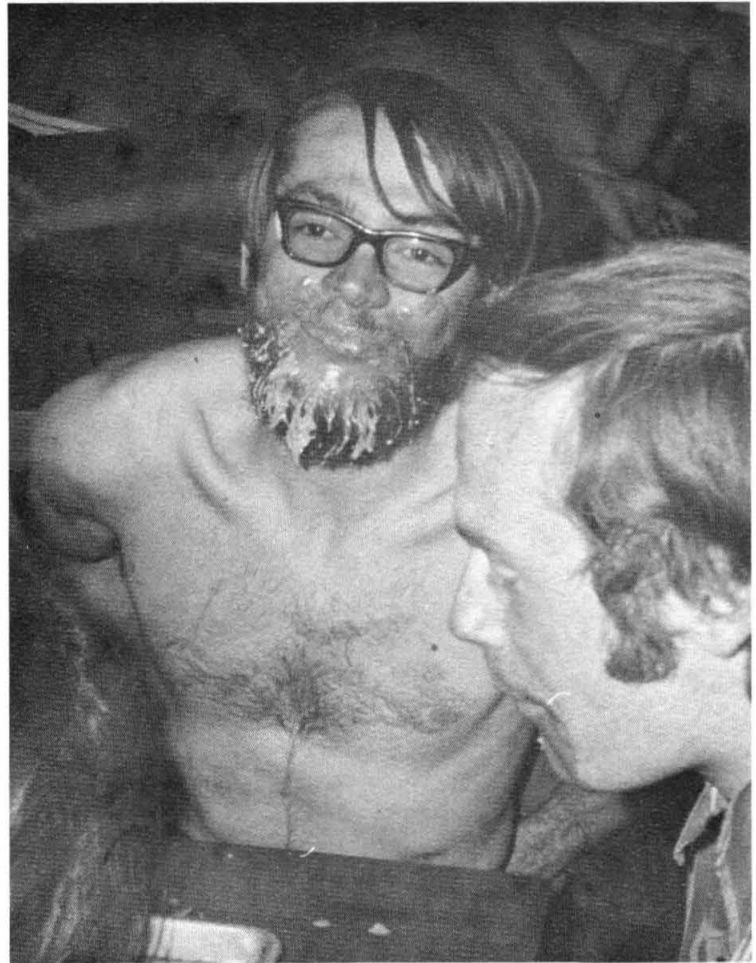
Once initiation was over, the house settled down to its struggle to relieve the rigors of academic life. To meet this end, the Fleming social committee developed and produced an admirable social program. The Scripps Live-In Weekend early first term and the Encounter Weekend a few weeks later were especially successful.

The IACCOFH, led by Bob Shelby, did their part in making Fleming a lively place to live by conducting Alley Challenges. The annual Fecathelon was won by Alley 1, demonstrating that this year's frosh were possessors of many unusual talents. Who, for example can forget Bill Clevinger's enormous affection for raw eggs?

The fans help Uncle Bill inspect the new furniture

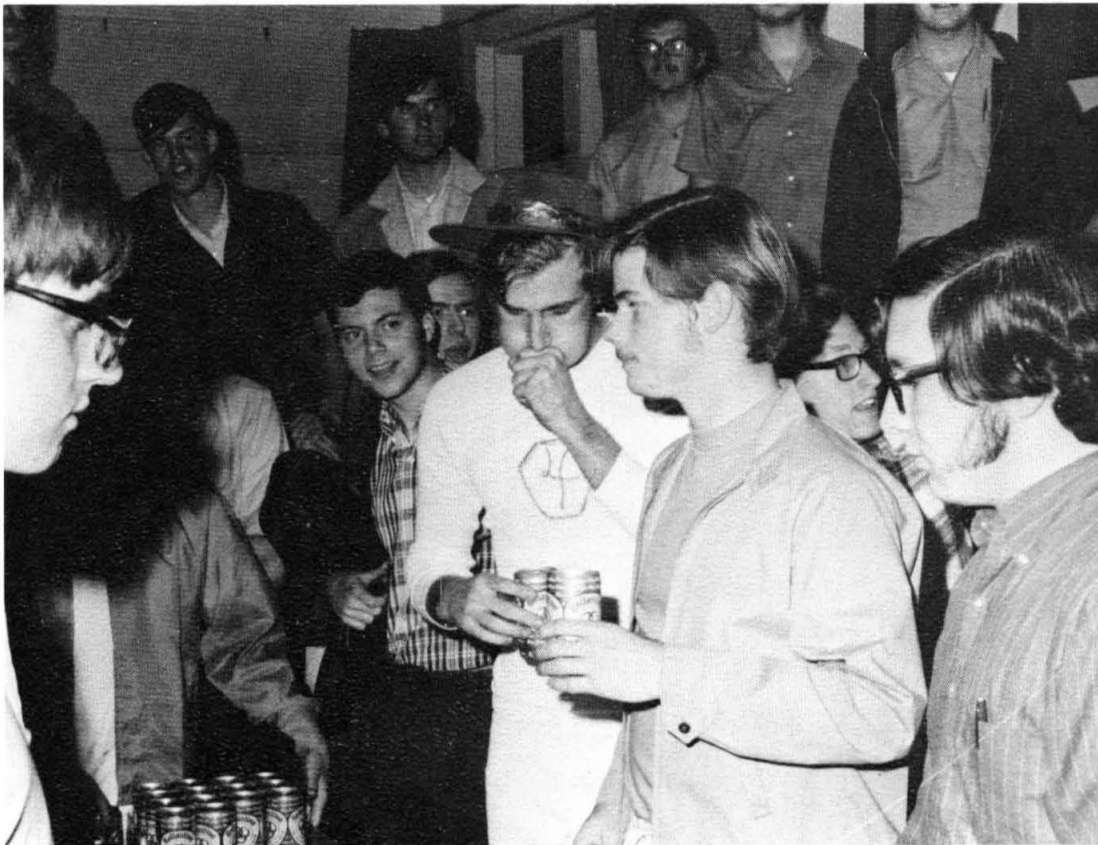


The fans this year really put their minds and backs into building Interhouse. Sticking to the ancient Fleming philosophy that whatever the theme, we must have water, the Flems built their largest Interhouse pond ever. The theme this year was that of an eighteenth century warship. The lounge was transformed into the hold of the ship, under the direction of Bob Lewis. Outside, the deck of the ship overlooked its secluded mooring spot in the Louisiana bayou. The transformation of the courtyard into a lake containing half a million pounds of water was a major technical accomplishment, and Bill Earl, the overseer of the outdoor construction deserves much of the credit for its success. There was even a large raft with a capacity of about 8 people that ferried passengers from the ship to the dock, in front of Alley 5. Inside, the Fleming House Thespian and Dirty Play Society presented the original drama "Hot Noogies Clarabell," starring Steve Warling, Belal Baaquie, Bob Abarbanel, Mike Turner, and Lisa Anderson. All agreed that it was a successful and enjoyable Interhouse for Fleming.



With the advent of second term, Fleming found

It is the President's duty to set a model for the rest of the house



"I think I'm going to be ill!"

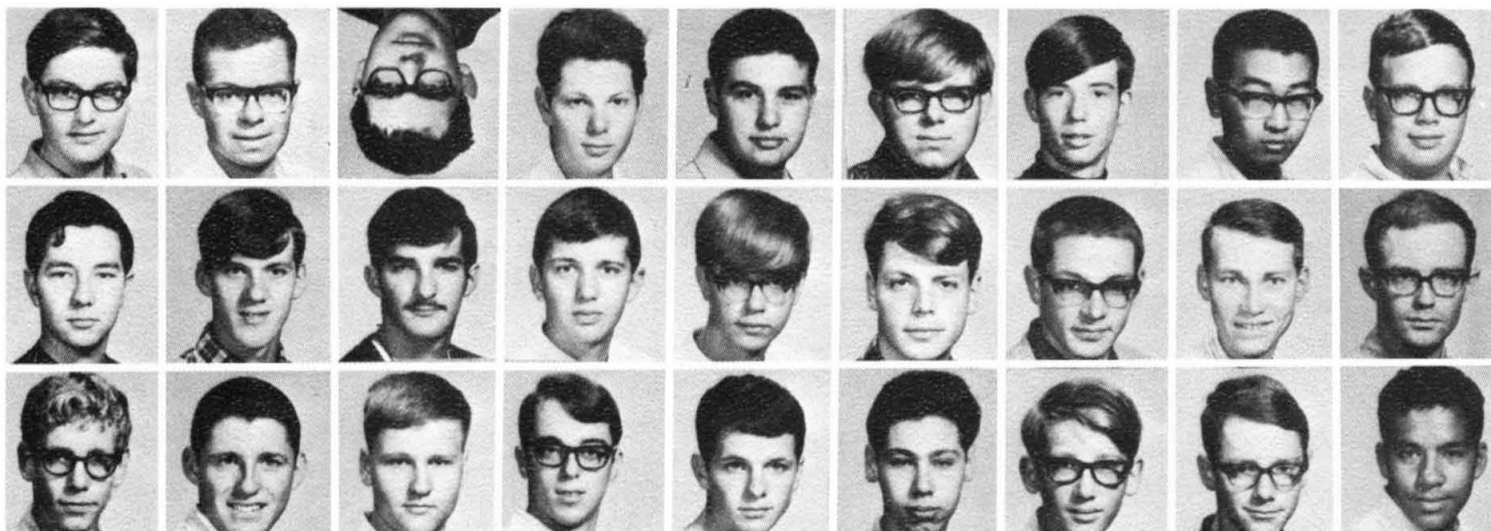
FLEMING HOUSE

OFFICERS

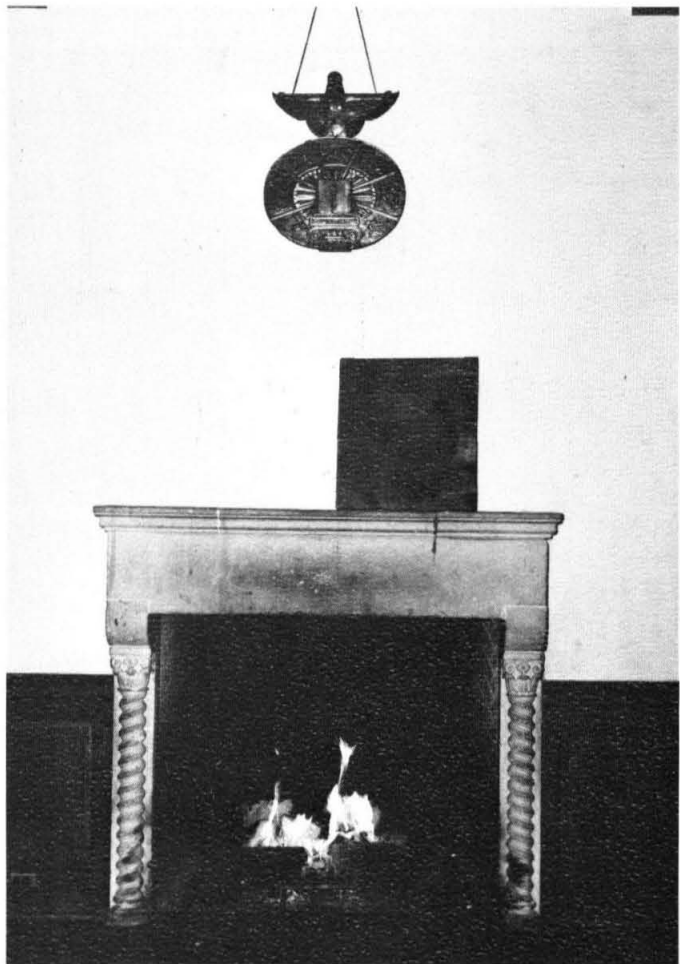


Left to right, first row: W. Warrant, L. Lichtmann, G. Ierley, J. Steubs, P. Jenkins. Second row: K. Widdoes, B. Baaquie, S. Moosman. Third row: D. Madura, R. Martin, J. Jakway, D. Dobrin.

SENIORS



Left to right, top row: R. Abarbanel, M. Abramson, R. Alley, A. Barclay, W. Delaney, D. Dixon, B. Fitzgerald, W. Hwang, R. Jones. Middle row: L. Moss, J. Rapp, S. Sipkin, D. Smith, M. Teener, R. Westervelt, J. Templeton, M. Turner, J. Belonis. Bottom row: L. Berman, J. Crawford, W. Weigel, W. Duckwall, R. Graham, H. Risch, D. Dobrin, P. Isaacs, M. Smith.

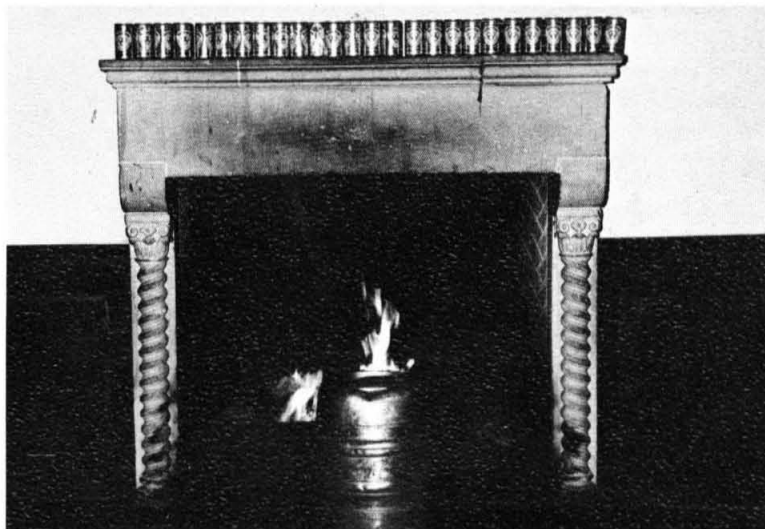


SOPHOMORES

Left to right, first row: K. Widdoes, R. Shaw, S. Warling, W. Neagle, C. Platt. Second row: T. Howell, E. Tarabour, D. Antreasyan, J. Jakway. Standing on mantle: P. Neches, R. Martin, D. Hounshell, L. Schachter, P. Mathews. Not shown: C. Young, G. Peterson, A. Petruncola.

JUNIORS

R. Lewis, K. Mitchell, R. Waldo, W. Earl, F. Luk, C. Ludvik, D. Madura, W. Anderson, R. Marko, F. Porter, N. Finn, G. Jernigan, C. Diamantoukos, W. Earl, A. Breakstone, S. Hoelke, S. Sheffield, G. Rappolt, W. Earl, R. Spencer, J. Rayhawk, L. Craymer, R. Shelby, L. Optican, S. Needham, S. Galetar, L. Morris, J. Jacky, W. Earl, P. Morand, A. Chow, B. Baaquie.



FRESHMEN

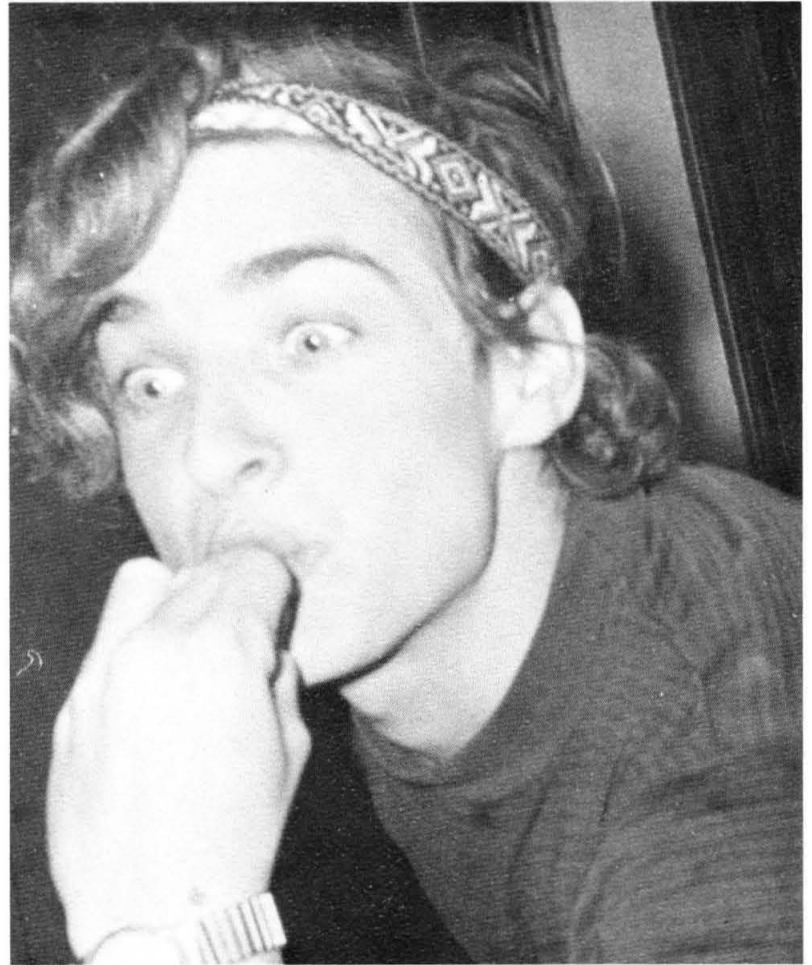


R. Brewington, W. Clevinger, A. Croonquist, O. Gonzalez, S. Lai, W. Warrant, T. Weaver, J. Posakony, J. Borders, K. Harrington, P. Jenkins, K. Ruddell, P. McCrea, R. Chansler, D. Rasmussen, H. Jerman, J. Lehmann, T. St. John, R. Olsham, L. Lichtmann, G. Ierley, S. Lewis, C. Cooper, D. Eyer, J. Battay, E. Sutton, J. Smith, J. Steubs, R. Hawker, S. Moosman, R. Martin, D. Marks, J. Price.

itself with a new social team, consisting of Tom Howell, Rick Martin, and Elliot Tarabour. The new social chairmen presented a successful and varied program, including a car rally, a geology punch party, an ice skating party, a theater party, Kim Mitchell's leather and candle-making party, snow weekend, and Spencer's debutante ball. In addition, the IACCOFH held the second annual Indoor Olympiad. The competition was dominated by the seniors who put together their second straight victory.

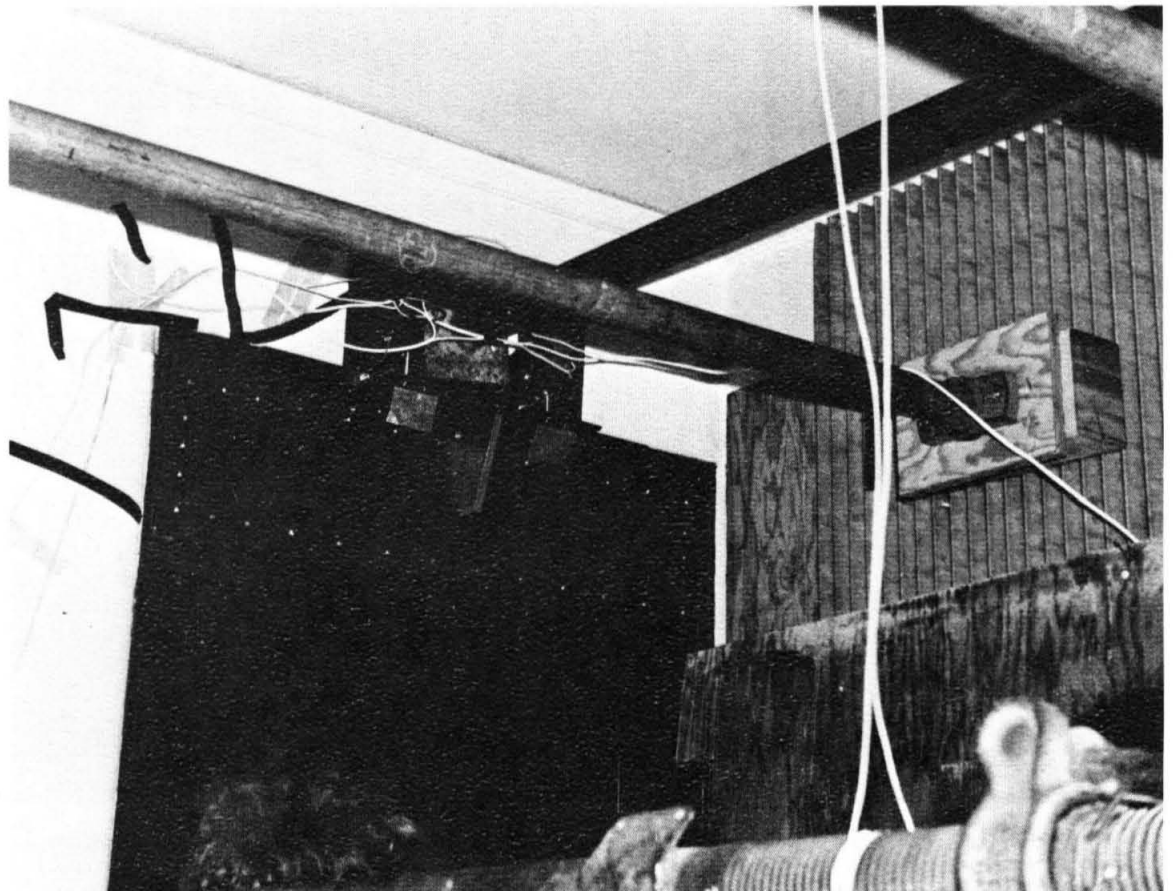
House elections came at the end of second term. New officers included: Bob Shelby, president; Ray Waldo, vice-president; Wayne Anderson, secretary; Tom Howell, treasurer; Lance Optican, Rick Martin, and Pat Jenkins, social chairmen; plus Steve Sheffield, Joe Rayhawk, Jim Jakway, and John Steubs as athletic managers.

As the school year began to wind down, the usual third term apathy made its appearance. The number of card players, lounge rats, night people, and general BS'ers increased to even higher levels than normal. Screams of "Like to see it," and "I



e!#exl!*#e*!!!

But if they're any tighter
they'll jack the walls down





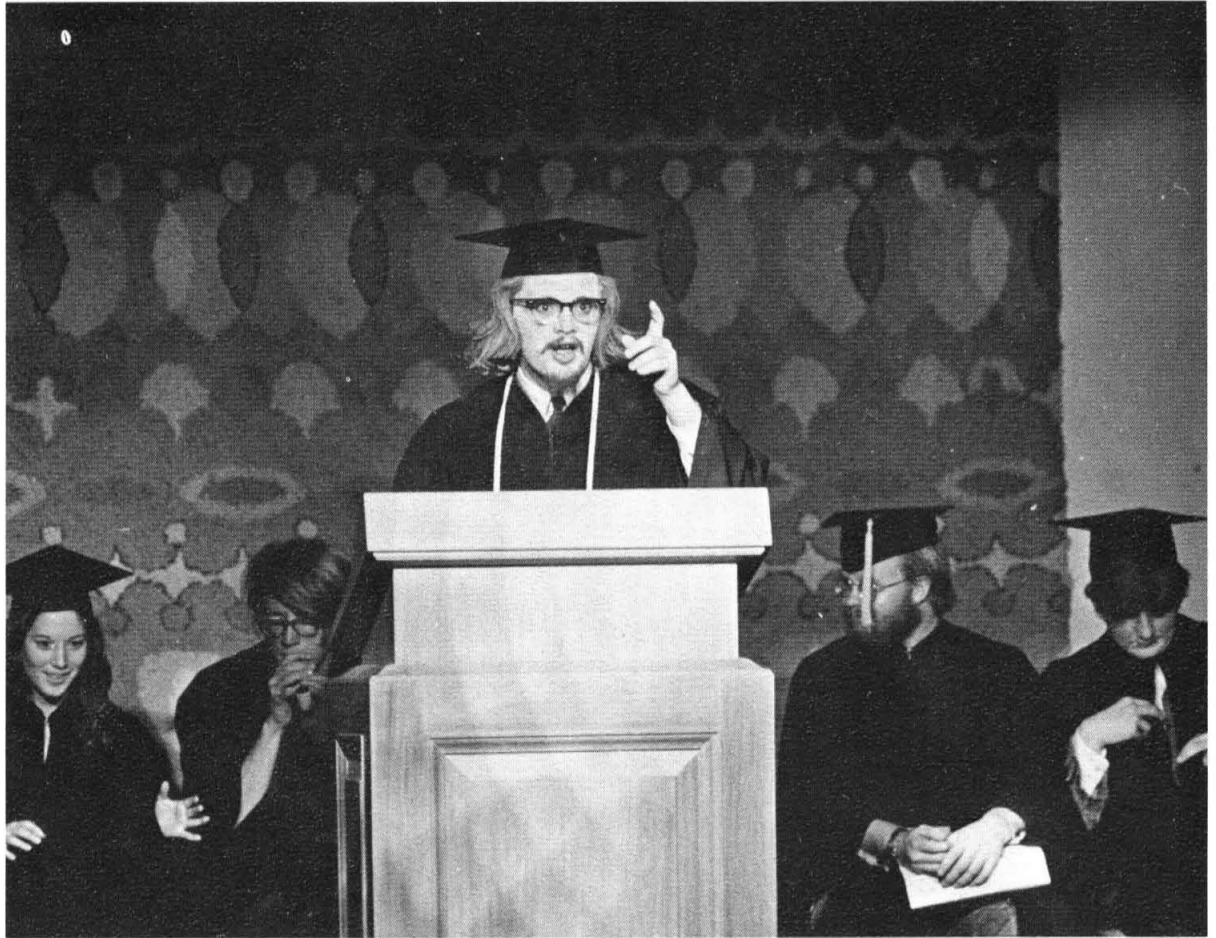
can't believe you'd rape me over like this!'", could be heard 24 hours a day, on any day.

Still, time was found for fun and entertainment. Sheldon and the Schmucks returned for an annual farewell concert. Backed up by the talented Power Glides, the Schmucks performed three sets of good old rock 'n' roll. Ditch Day provided an excuse for seniors and underclassmen alike to kiss off another day. It took until 3:30 PM, but the frosh inevitably entered the stacked room to win their prize. In Olympiad, despite a new record time in the Rose Bowl Relay and an early lead in the day's competition, frosh hopes for a win were crushed by a more experienced senior team.

As usual, Fleming House dominated interhouse athletic competition, winning both the Discobolus and Interhouse Sports Trophies. It should be noted, however, that competition in both areas was closer than in previous years and final victory was not won in either competition until late third term.

You mean **that's** going to hold back the flood?

Near the end of the term, after considerable debate, it was decided that Fleming house would go co-ed next year. Once the decision was made, however, Fleming immediately jumped the gun and admitted Lisa Anderson and Carol Nottenburg as social members, and a new era of Fleming house had arrived. No one knows just how the change will affect life in Fleming, but the general attitude is one of eager and somewhat anxious anticipation.



They are the keys to a better life

Why isn't it deeper?





Rock 'n' Roll is here to stay!!

It has been a great year for Fleming, a year of increased social awareness and continued athletic success. It has been a year of growth for both individuals and for the house as a whole. The future for Fleming looks bright, but it will take much hard work for the future to rival the past because GONE ARE THE DAYS WHEN MEN WERE MEN, . . .

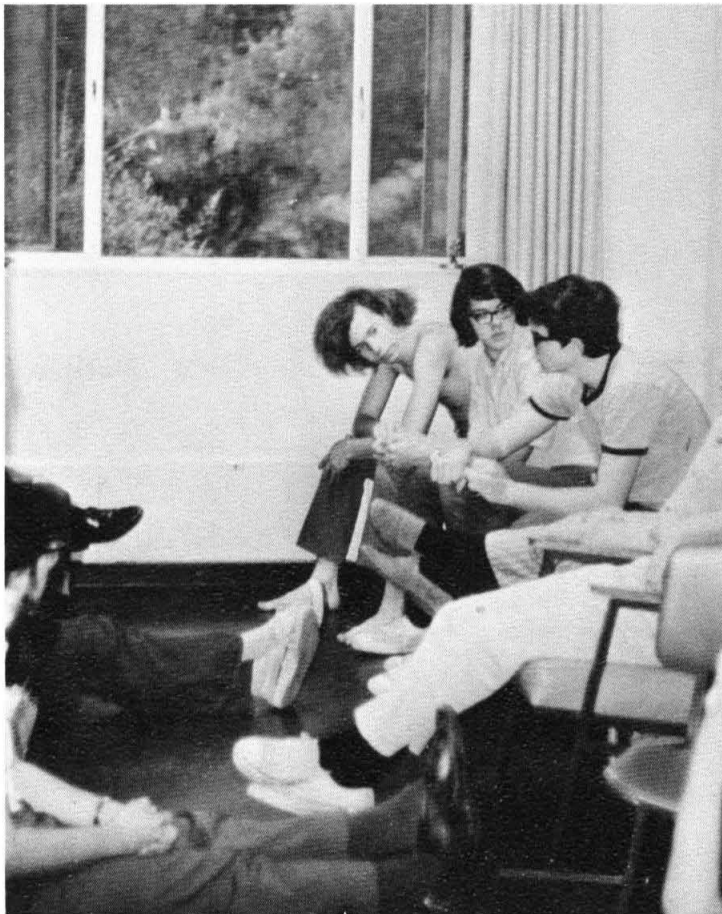
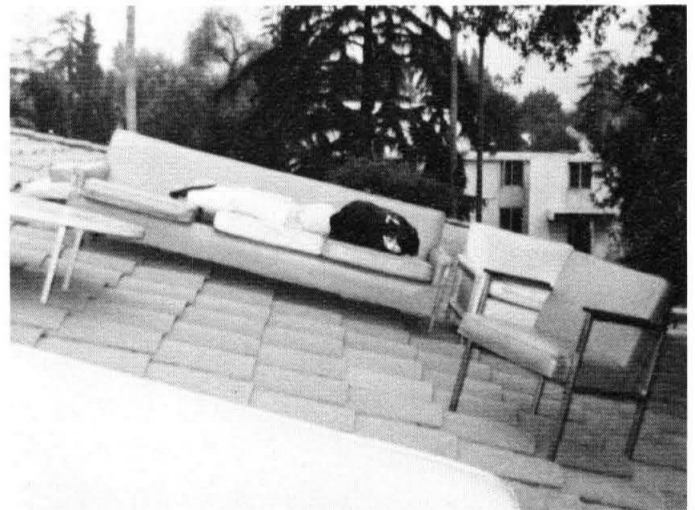
LLOYD HOUSE



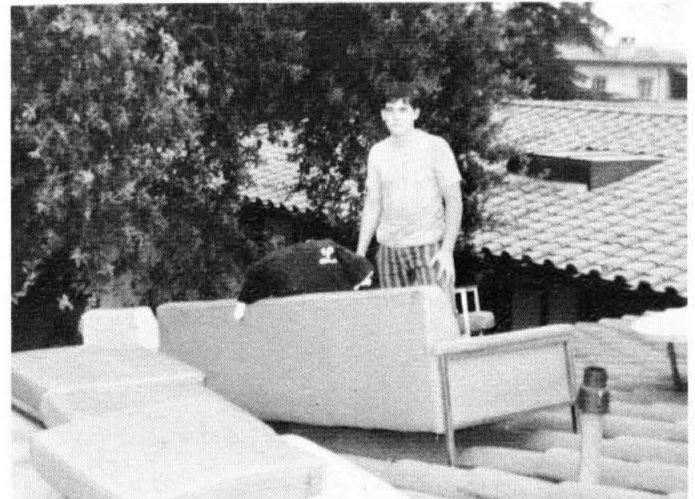
Lloyd began with a new RA, 35 frosh and three transfer students as new house members in a year that was highlighted by unity and change. The new Lloydies were taught early in the term to be neat and pick up anything that was not nailed down. The result was that one morning Page woke up to find its lounge transplanted to the roof of Ruddock.

After this auspicious beginning, normalcy set in as some of Lloyd's aspiring Nobel Laureates discovered Feynman, et. al., and others (with experimental interests) discovered the pinball machine in the lounge. Football season came, and Lloyd's "Wild Bunch" went to the games and did their best to encourage the team, discourage the opposition, and assert their rights under the First Amendment. The "Wild Bunch" seldom failed, but the football team had some difficulty despite the efforts of Bruce Johnson, Wop, Bruce Eisenhart, Paul Dressendorfer, Mark Bruni, and Gary Later. On the interhouse sports level, Lloyd won a tie for first in softball led by fireball pitcher John Victor and backed by jocks Chen, Sicherman and Meadows, and freshmen Castro and Ex.

We live



. . . . for those we love



. . . . and die.

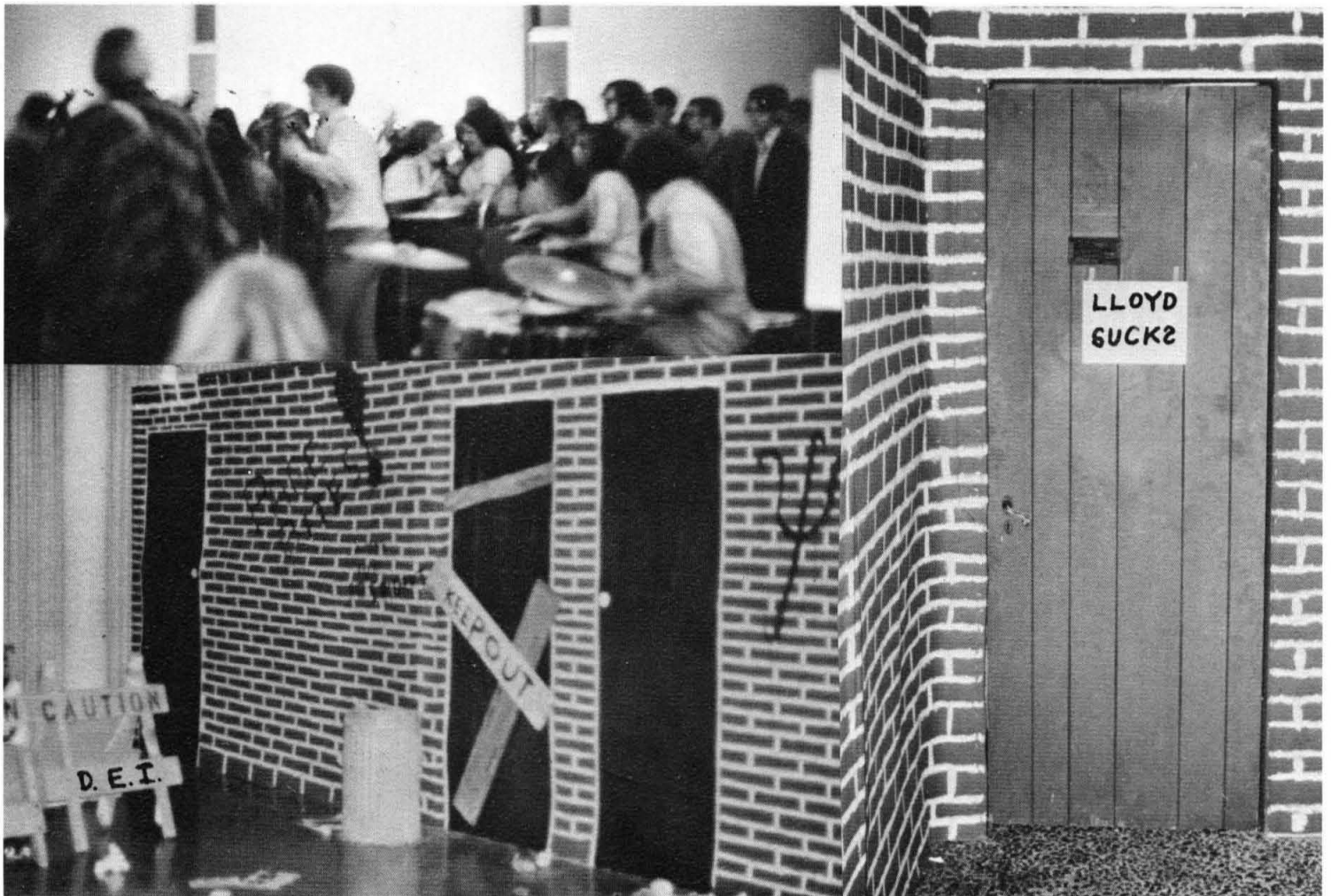
During the opening weeks of the term, the social program ground to a screeching start with the great JPL-Caltech Disneyland Party coupled with an exchange in which twenty Scrippsies were guests of the House.

On the house politics scene, the team of Stringfellow and McNamara was elected Social Chairman, Paul Blazek was named House Pope by acclamation, and Paul Thomas was given the title of FUCC. Each of the lucky winning candidates was awarded his just due, either through the showers or Millikan Pond.

For Interhouse, Lloyd became a Chicago speak-easy complete with a Cicero Avenue entrance, a back alley and gang-wars. Such old-time personalities as Mugsey "The Wop" McGroan, Big Al "Mac" Capone, "Pretty Boy" Lundstrom, "The Kid" Blazek, "Gunner" Johnson, "Barkeep" Matthews and FBI agents Osheroff and Zygielbaum were able to take

time out to join Lloyd that night. High on the success of Interhouse, an open campus party was held two weeks later. Although starting slow, the participants were still found to be enjoying themselves at 2 AM the next morning. With all this behind them, everyone snaked like hell for finals to greater or less avail.

With the advent of a new term, the "Wild Bunch" was called out of mothballs and rode again, this time in a Flirt Rally. The result was Lloyd taking five out of the first six positions. The coveted P. Peter Peachfuzz Order of the Palm Memorial Navigational Award was presented to the driver-navigator team of Mike Steinberger and Paul Blazek. Meanwhile, Lloyd Members Ken Hanson, Tom Heinz, and Jerry Feely helped anchor the varsity basketball team. Lloyd also produced two of the mainstays on the Tech wrestling team in Bruce Johnson and Gary Zieve, who helped to propel the team to a first in the SCIAC. Both wrestlers eventually ended up



Lloyd turns on to Cicero Avenue for Interhouse

SENIORS



From left to right: Kenneth Trebald, Tom Heinz, Jack Tam, Joshua Foreman, Lawrence Boardman, John Victor, Carl Kaufman, Terry Rhodesuk, Jeff Rude.

JUNIORS

From left to right: Bernard Unger, Thomas Osheroff, Bruce Johnson, Chuck Thoele, Robert McNamara, Russ Pinizzotto, George Bosworth, Mark Morris.



SOPHOMORES



From left to right: Jerry Feely, Ken Jacobsen, Gary Zieve, George Bosworth, Dennis Creamer, David Bryant.

FRESHMEN

From left to right: Paul Thomas, Don Carrigan, Steve Schnetzer, Keith Ex, Scott Lundstrom, Dale Collins, Rudy Castro, Greg Zima, Darrell Peterson, Mark Reiner, Dale Stimson, Barry Dohner, James Bennett, Richard Lyon, Christopher Goldstein, Andrew Cockburn, Michael Yoder, Mark Bruni, Kenneth Suslick, Robert Lynch, Patrick Nolan, Paul Blazek, David Glackin, Paul Steinhardt, John O'Donnell.





Party-Party and the Bending of the Bar

going to the nationals in Boone, North Carolina. On the interhouse level, Meadows, Chen, and Santarius were anchors to the Lloyd volleyball team that managed to upset Fleming to finish third.

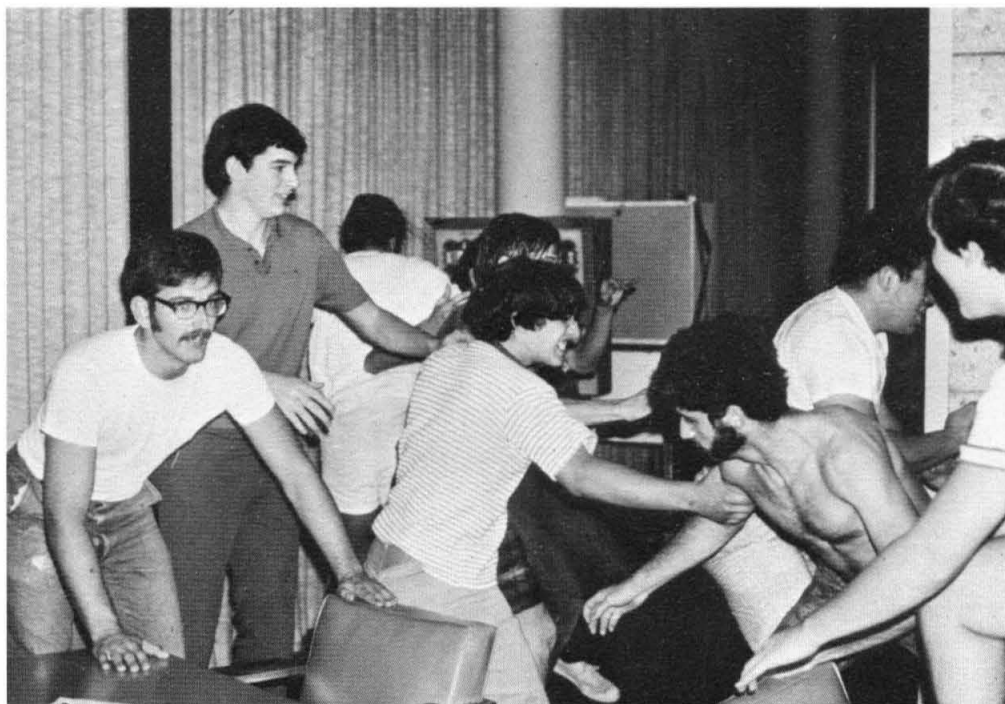
After B&G's best did in the Interhouse Bar, the house project for the second term became the Bar. It was decided that since the ASCIT Party-Party for the second term was to be held in Lloyd, a new bar was just what the house needed. Over five weeks in the building, with over half the work coming the night before the Party, the Bar was finished in time. Of particular note in the construction project was the ingenious bending of the bar by the method of saturating the wood with liquid anhydrous ammonia. Despite the efforts of Tech's finest engineers, the attempt ended in odoriferous failure, and the bar had to get bent as best it could otherwise. The final result of the Party-Party was an apparent failure - there were too many girls for the Lloydies to handle themselves.

The lucky winners of House elections were: Wop, president; B.J., vice-president; Berny Unger, sec-



A chemist does his thing

retary; Tom Osheroff, treasurer; Bob McNamara, social chairman; Jan Lipson, house representative; George Meadows and Ken Jacobsen, athletic managers; and Rich Lyon, librarian. After the election, the house tried to shower the new ExComm, but to its dismay the new ExComm fought off valiantly as well as successfully all attempts to shower its members. In the line of campus politics, the Lloyd "Wild Bunch" took up a new rallying cry, "Watkins for Turkey." When the final tally was in, Lloyd was well represented on the ASCIT Board with Steve Watkins, president; Kirby Dahman, vice-president; and Jeff Hurn, secretary.



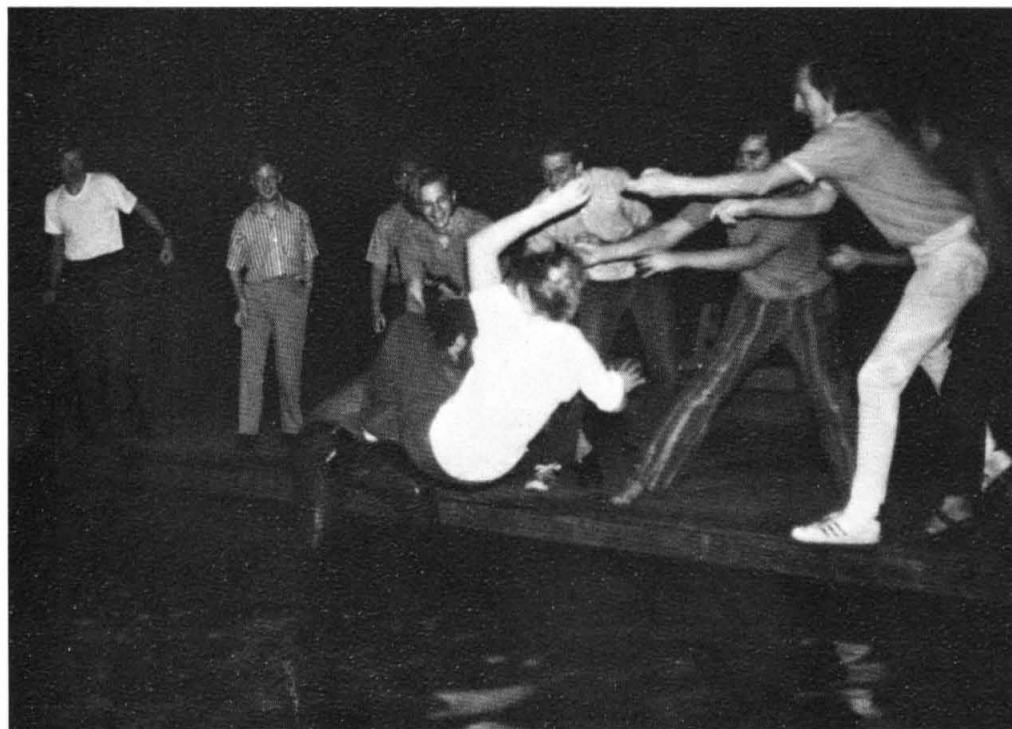
ExComm avoids a badly needed shower

The term ended with a faculty get-together at Lloyd highlighted by the presence of such

notaries as R.P. Feynman, Jesse Greenstein, Harry Gray, E.J. List and others. Then everyone snaked like hell, again to greater or lesser avail.

With the coming of the term break, everyone went his own way. Some went home, others (the "Good Guys") went to the Grand Canyon and Las Vegas, and others (B.C. and W.J.) rebuilt cars. Doug Ridge went home and got married. Julie, his bride, became the first (official) female resident house member (hopefully the first of many). Julie was then properly introduced to the spirit of the house with a welcoming party held at Millikan Pond.

Lloyd goes coed



During third term, a certain tell-tale lack of enthusiasm regarding the social program came to a sudden halt. With remarkable and somewhat overwhelming support, a Social Program came into existence. Tom met Carroll, and the Social Program offered a concert exchange, Mai-Tai Party, Raunch Flicks, and the First Annual Intercollegiate Inferno Alley Challenge; also there was a picnic on Chicanry Heights, a sing-along, tickets to see 2001, and an all-day expedition to the San Diego Zoo.

Again, as in previous terms, Lloyd provided a major portion of the personnel for intercollegiate athletics with Feely, Hanson, and Johnson playing baseball; Watkins, Hurn, Adamson, Abatzoglou, and Stringfellow in track and field. After three terms of participation, it was not at all unexpected that

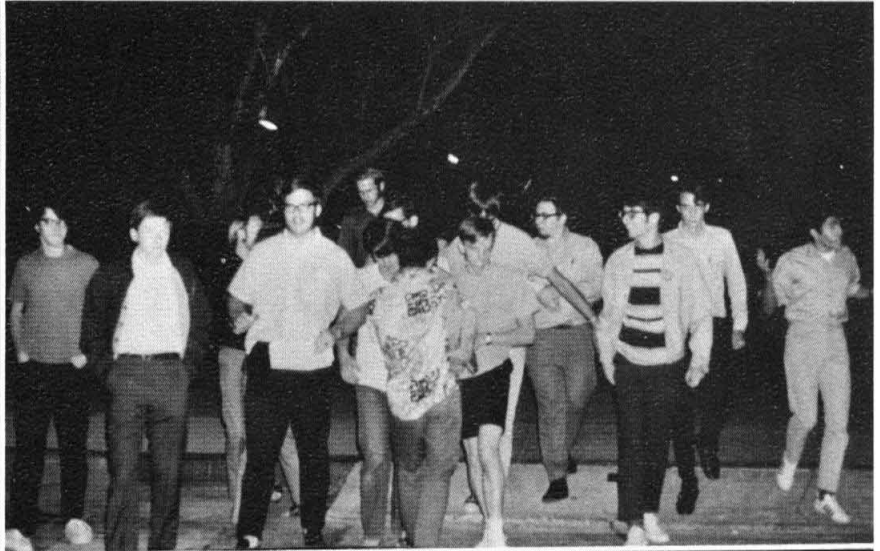


Lloyd was awarded the inter-collegiate Varsity Rating Trophy. On the interhouse sports level, with the discovery of QB Bob Hammon, Lloyd romped in interhouse football and placed first. Key in Lloyd's success was its Doomsday defense highlighted by cornermen Matt Fluster and Chuck Barber and deep safety Bruce Eisenhart. On the offense, Lloyd had in the backfield the unstoppable four-year veterans "O.J." Victor and "Crazy Hands" Hanson, together with all-star helicopter-pass receiver George Meadows.

Lloydies doing something about the parking problem

Who are those guys?





Lloydies snaking like hell

So the year slowly draws to a close, and as the computer paper slowly piles up in the rooms, one can still find Yoder shooting on the keeper, O'Donnell still locked on to the computer, Zima occasionally appearing and disappearing and most of us wondering why we continue to snake like hell.

**In Memoriam:
Scott Robert Lundstrom**

PAGE HOUSE

FIRST TERM

The frosh class came in with the garbage. It soon became evident that Page had one of the deadeast frosh classes in years. Most members festered in anonymity, but a few exceptional ones rose to a level of repugnance.

Upperclassmen's attempts at reviving interest in the Paul Weir Memorial R.F., or (better yet) the Dirty Dave's secretary Memorial R.F. (you know, the one with the hook on a wire between Page and Fleming that rips . . .) were fruitless. The frosh just stayed in their rooms and trolled or came out once in a while to be showered by Broskow.

There was a lot of talk about painting Smoody green for Interhouse, but nothing ever came of that idea.

Smoody and the house catapult were simultaneously stolen by the Flems. The catapult was never heard from again.

The social program got off to a poor start. Somewhere along the line, Lee Sparling's promise of women (not girls) was shown up for the farce that we all knew it was.

Attempts at salvaging the social program with a variety of artificial devices proved fruitless. The second annual Kurt Widdoes Ass' Memorial Paint-in resulted only in Kurt Widdoes' ass getting painted (See you next October, Kurt).



RA and _ristano and friend (RA's friend, not _ristano's friend)

The raunch collection was immolated by Raunchmaster Conrey in a ritual sacrifice to the Gods. It didn't help anything, and a lot of good raunch was lost in the deal.

Trucking became the fashion late in November, and plans were drawn up for the First Annual Truck For Christ down Colorado Boulevard. As usual, nothing ever came of the idea.

First term also brought the Hare Krishna people. Craig Broskow sent them away. After the confrontation, Mr. Tact was quoted as saying, "(snort) . . . I ain't letting no bald-headed faggots in orange robes wake me up at eleven o'clock (snort)."

Contrary to popular rumors, Ward **did** use to look over the bathroom stalls to watch Fronczak relieve himself.

Conrey got drunk a lot.



Seita looking at the raunch through a mirror in his Feynman

Veach left Tech to join the Army.

Sideman didn't say anything this term.

A certain member of the house was repulsive this term.

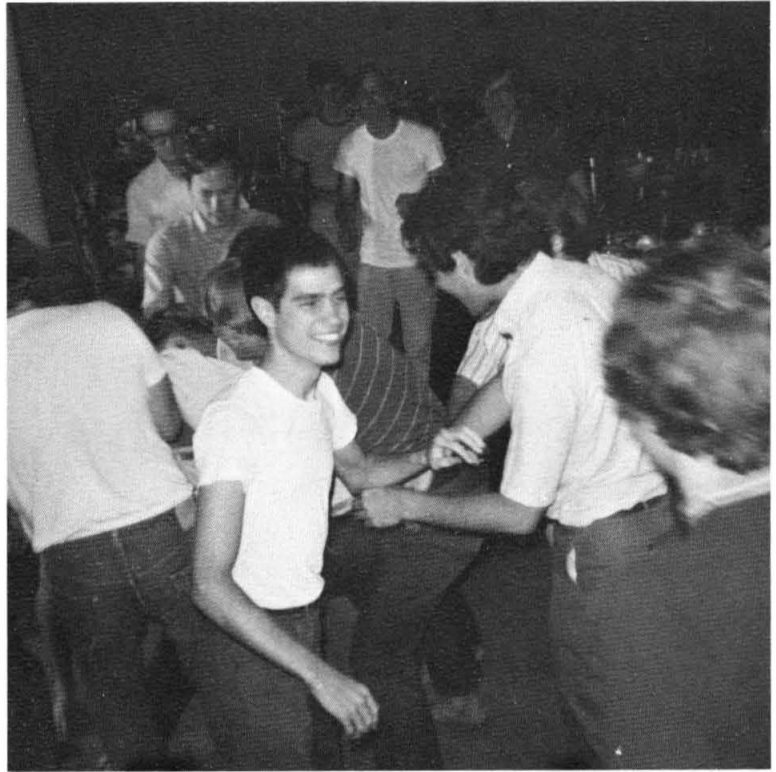
SECOND TERM

Things perked up a bit.

Literally hundreds of pizzas were ordered from Roma Gardens for the first Page House eat-out (there was even a girl at this event).

The second event of the same name had a slightly different flavor (Happy birthday, Stan). Here the order consisted of one tart from a shoppe a few blocks further down on Colorado. The event revitalized interest in academics and the humanities: as a result of it thirty-eight people (most of whom have never kissed a girl above the waist) became experts in the field of social diseases, their symptoms, and cures; and Smoody was prompted to write his touching "Letter to a Naked Lady."

Soon after the mass visit to the health center, FECCO was formed to deal in the rental of pornographic films. It succeeded in squeezing 20 dollars and two quarts of cream from the house.



Beach stirs up trouble on his night out



There's a lot of hot ass in that fire



Truck for Christ (notice the two coffee house managers in the blue coffee house manager's hats)



KRIEGA!

Conrey resigned from FECCO but was elected house president anyway. In the only other hotly contested office, Margolyass beat off Fartello and Handjobber to succeed Hightower as the House Bats-hit (get it, Broskow?).

Smooty got 5-man lifted for the fourth time.

The new color TV revitalized the social program. Saturday nights became much more bearable now that Boss City and Seymour's Fright Night could be viewed in color.

Wueste left Tech to join the Navy.

Sideman didn't say anything this term either.

A certain member of the house was repulsive this term also.

THIRD TERM

Glass doors that had withstood four years of Bruce Ault's volleyball spikes finally succumbed to the force field epicentered at Tristano's body. (The lounge was frozen solid under a foot of ice for over two weeks, eliminating the necessity of cold showers for the Boss City crowd.)

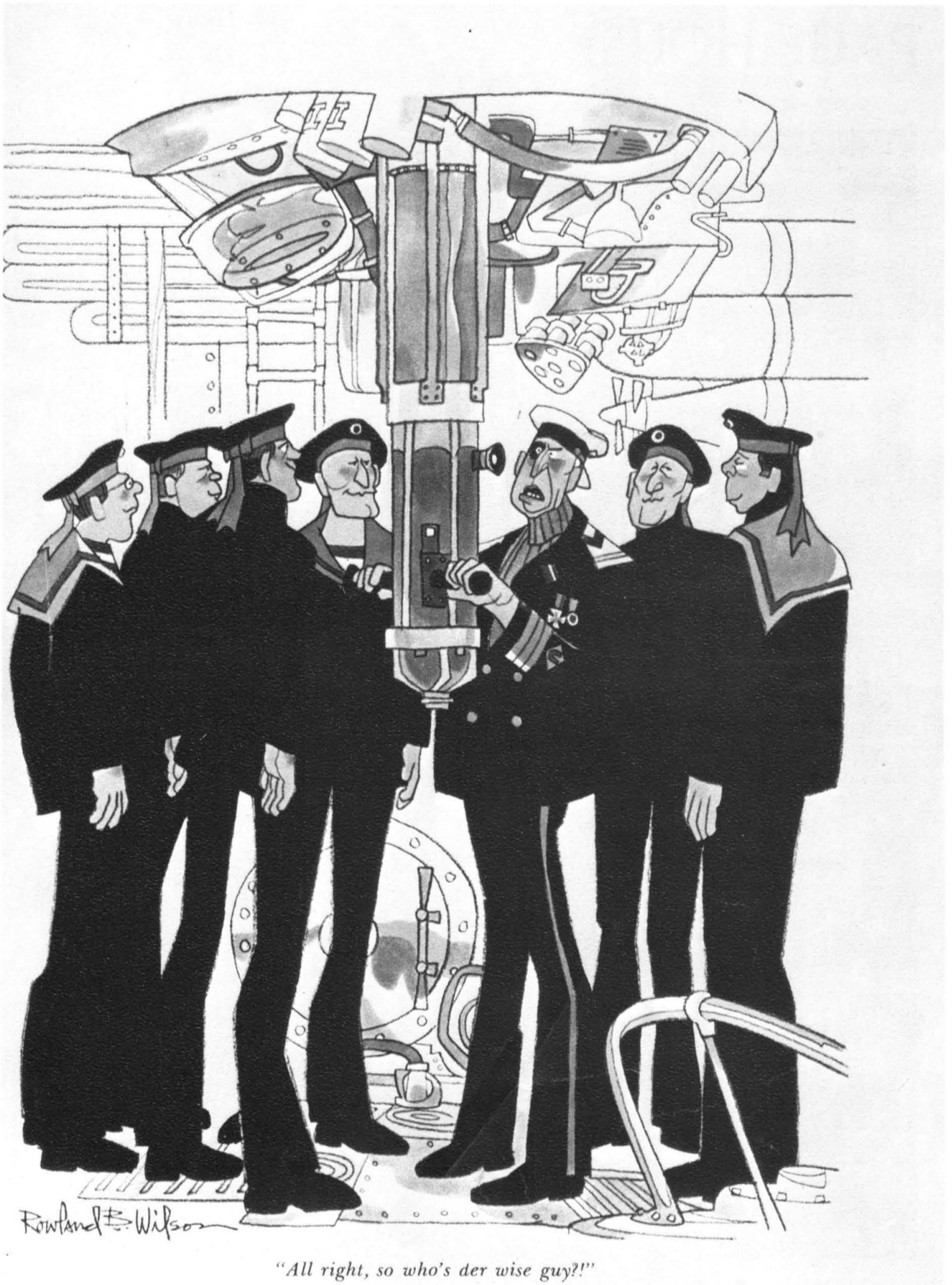
"Suck my ass, Dirty Dave," Fartello nasally intoned.



Coates relieves himself before the long trip



Conrey trolling for math test



"All right, so who's der wise guy?!"

PAGE HOUSE

OFFICERS



Left to Right: A. Petersen, Vice-President; R. Sunseri, Athletic Manager; T. Coates, Treasurer; B. Woodford, Librarian; L. Sparling, President; S. Moritsugu, Librarian; G. Sharp, Secretary; P. Anzaldo, Social Chairman; D. Keenan, Athletic Manager; R. Miller, Social Chairman; M. Bleck, Athletic Manager.

SENIORS



Front: E. Loh, L. Sparling. Back: R. Hall, B. Wright, T. LaGrone, A. Petersen, S. Beach, A. Koffmann, G. van der Werff, D. Gunter, S. Bankes.



JUNIORS

Front: G. Stormo, N. Gates, P. Chau, P. Jacobson, G. Nicolaides. Back: J. Wei, J. Haberly, M. Ngan, R. Dullien, T. Matoi, G. Whitten, T. Coates, R. Panek, G. Lee, G. Gryczkowski, S. Battelle.

SOPHOMORES

Front: D. Collier, C. Broskow, J. Siegel, R. Horn, B. Woodford, G. Sharp, R. Miller, E. Fronczak, H. Ward, C. Imperato, J. Ellis, A. Seita. Back: S. Moritsugu, L. Kondor, G. Prohaska, C. Bibbins, E. Gansner, D. Clark, J. Schroeter, M. Bleck, R. Conrey, B. Tucker, R. Sunseri, T. Studebaker, P. Sand, S. Whitcomb, W. Schlitzkus. Above: D. Keenan.



FRESHMEN

Front: R. Ellgas, D. Peisner, G. Beall, V. Fratello on R. Smoody, D. Margoliash, D. Evans. Back: M. Puryear, D. Matchett, P. Beckman, S. Kelem, B. Hantover, G. Hanggi, R. Fisher, R. Krueger, J. Tristano, D. Wright, B. Chun, N. Sideman, D. Bredesen, D. Trotter, M. Mariani, E. Horsley, J. Caldwell.

A lot of guys went to see "I Drink Your Blood" and "I Eat Your Skin." They thought the movies stunk.

A lot of guys went to Price's PhD. party at Kip Thorne's house. A lot of them had a good time. A lot more of them got sick. Caught off guard, Gunter even talked to a girl. Handjobber barfed on Kip's kid and in Coates' car on the way back. A lot of people laughed at this.

There was an EMO chorus one night. Grunwald got rather pissed.

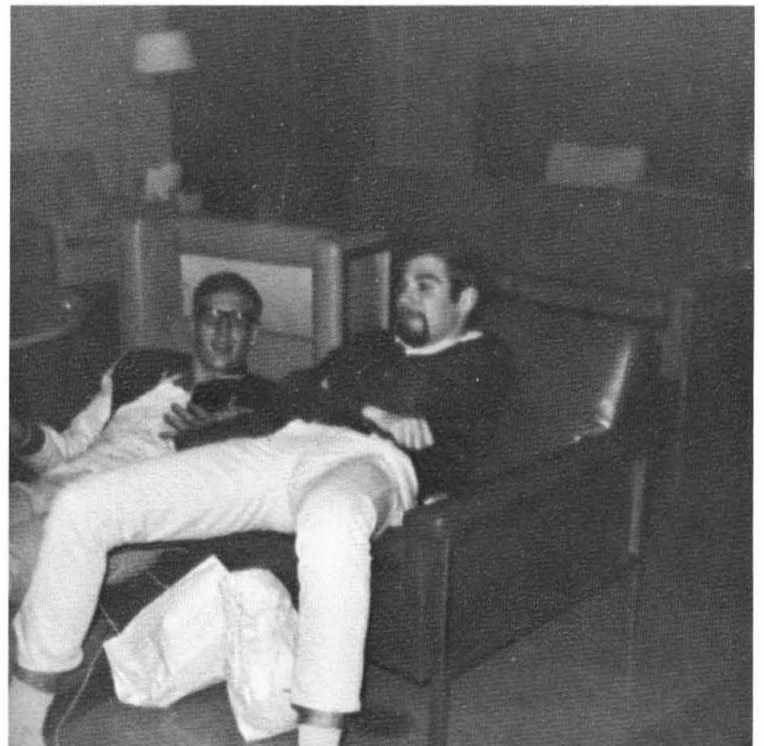
Herb "bite it for a burst of flavor" Ward flunked out on the pinball machine. He never could play the violin very well anyway.

Paul Sand's one-man panty raid on Blacker House doesn't even belong in the house write-up.

After a brief but productive reign as house president, Conrey wisely quit while he was ahead and withdrew from the Institute. Coates, whose thriving candy shoppe posed no serious threat to the coffeehouse just down the street (the food is great there, the price is right, and it's open seven days a week from 9 PM until 2 AM) was elected as new house president.

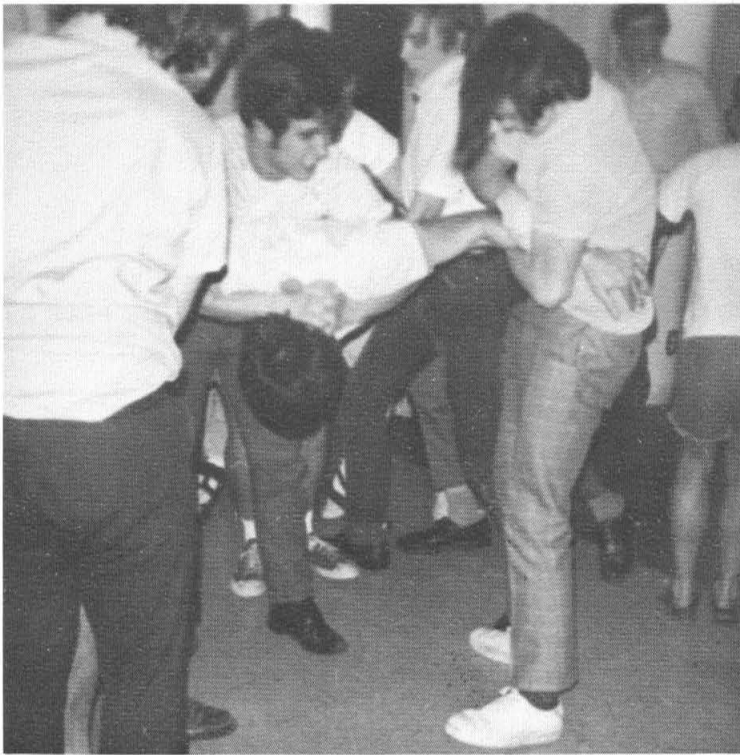


Would you trust this man to defend your country? (Sleep soundly tonight, Private Veach is awake.)

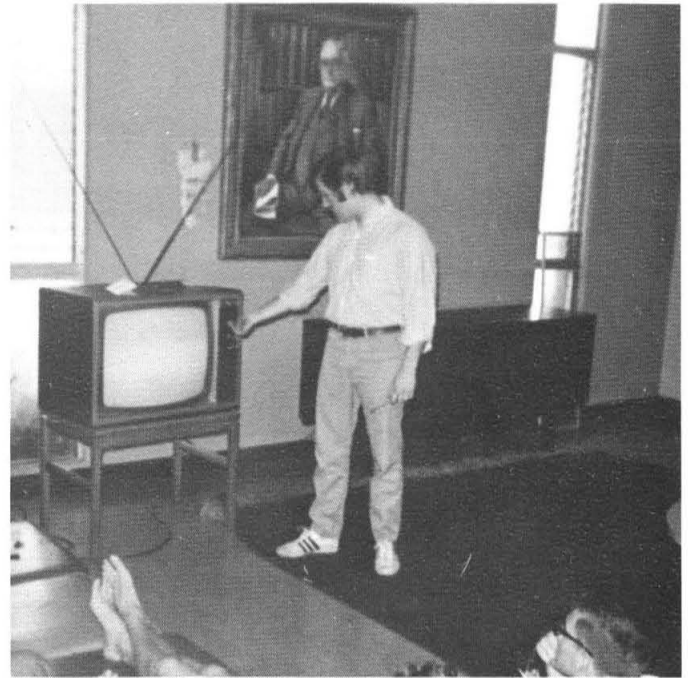


Greek and Vvuste doing what they do best (Note the position of the paper bags)

Find the troll in this group.



"(snort) So I got the headlock on this Hare Krishna guy just like this . . ."



John Heumann takes the initiative and breaks the ice at one of the many house social events.



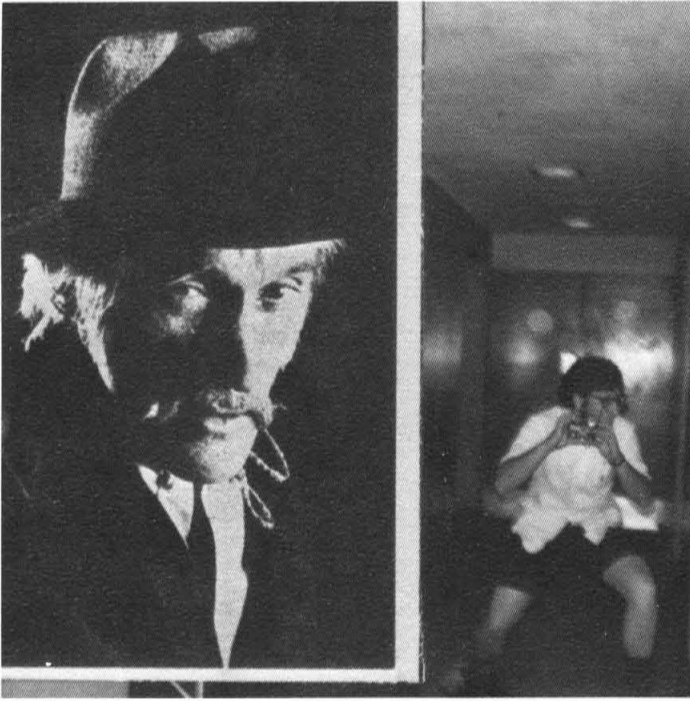
Insatiable Pizza Monster strikes again! (notice ice forming in lounge)

Fronczak deluged the house with Ricketts Girl stories, none of them true, fewer of them funny.

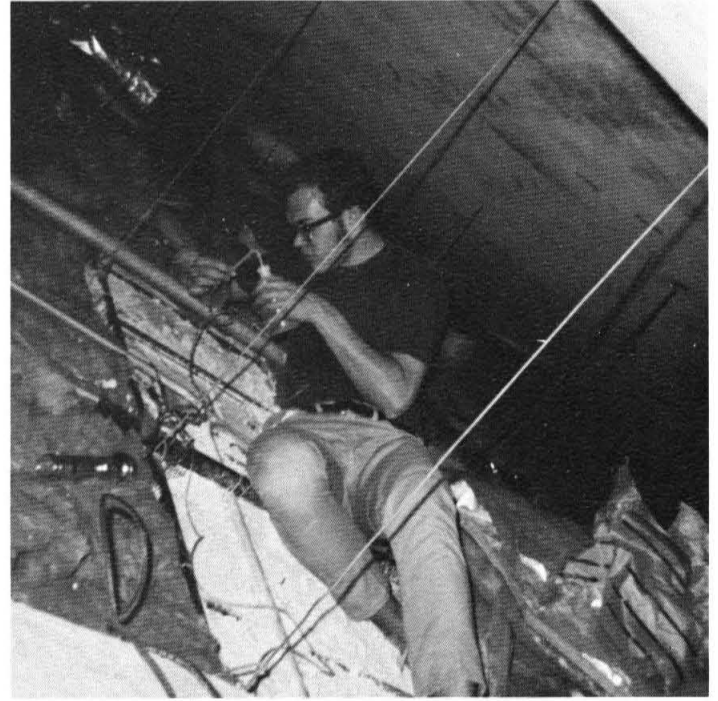
Ditch Day got off to a slow start. Then Horn was ordered to replace the ignition coils in the seniors' cars. Mr. Finesse, Craig Broskow, thought that an appropriate RF would be to burn down Blaschko's room with an oxyacetylene torch. Three hours later, he was finally talked out of it, and his attention turned towards destroying a wall. Under Macaroni's artistic direction, Giganticock was conceived and erected in Blaschko's room. Although it



Raunch night (notice Greenwood with his little finger up his nose)



Seymour and Emmy



"SQUOITI!"

was supposed to squirt at him, like every other RF planned this year, it didn't work. Sparling's stack was cleverly devised to require a master key for triggering. But it was entered anyway.

Alex Seita continued to serve the house in bizarre ways. Although his motives were completely innocent in initiating the Pizza Express, little did he realize that the sight of pizza turned T*i*t** into the insatiable Pizza Monster. (This phenomenon was first witnessed at the term social event, where 5 USC girls were being subjected to his grace and charm. Fortunately the pizza arrived, whereupon the laundry hamper closed up for the night.)

Dave Clark climbed the walls a lot this term.

Sideman moved off campus for a few months, but nobody noticed, not even his roommate, Dan "Shower me?" Evans.



Mama Finucchini's papier-mache factory



"SQUOITI!"

Sideman was hanged in effigy for a week, but he never noticed.

In a bold attempt to regain his former house office, Hightower circulated a petition. Nothing came of it.

Shower-a-Frosh-a-Day-Away was a tremendous success this year. Thanks to the class of '74 for a great time.

A shadow was thrown over the final event of the term by the surprise appearance of the insatiable Pizza Monster. The party for Mike Macaroni took on ghastly overtones, so much so that the likable Macaroni decided to leave the next day.

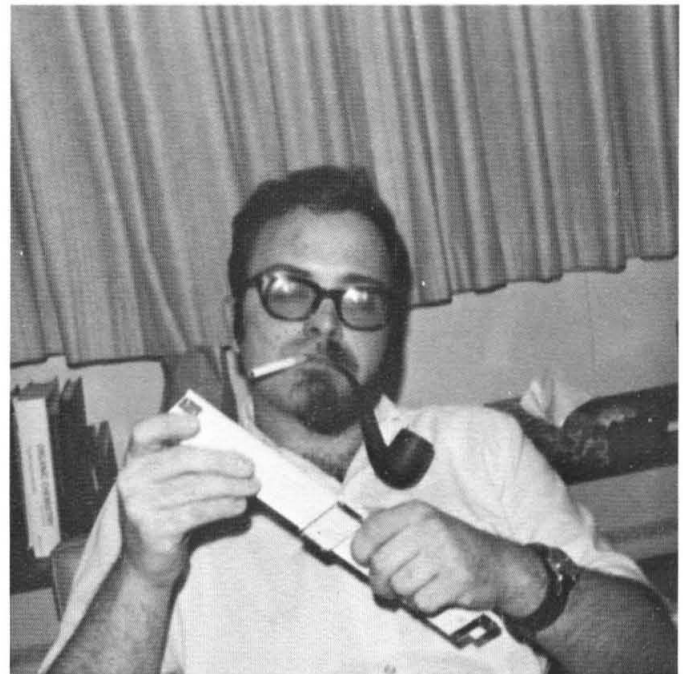
Conrey left Tech to join the Army after squandering his money the hard way ("\$50!?", "Yeah, but it was worth it!").

This term Sideman said, "This is the wrong airport."

A certain member of the house moved off campus this term, but was repulsive anyway. (Hint: thanks to Dirty Dave, he will be back on campus again next year.)



Can you find LaGrone in this picture? (Hint: he is not that coffeehouse manager in the left background)



Ha, Ha, look at the funny Greek



"SQUOITI!"

RICKETTS HOUSE



Ricketts Pot Memorial 500

It was the year that "gods" was changed to "girls," and they walked in Crud Alley, adding new dimensions to house life (and occasionally to the front of house sweatshirts), but leading to the untimely demise of noted punters, who found other activities to indulge in. Grandi was hopeful for a while, but the seniors moved in, leaving him in the dust. (Grandi ate it all year.)

Rotation was not yet over before the roar of the greasepaint and the smell of the crowd were again apparent in the courtyard, this time to view the Ricketts 500 sports car race between the Plop and Kast. With the selection of 40-odd frosh ("Tummel and Ware but not Tingle."), seven of whom were built differently from the rest, the fall edition of house elections were held, mainly to fill the three offices vacated by the disappearance of Bloomfield. Suckers Beverley, Grandi, and Abbot became secretary, treasurer, and librarian,

and soon, even bigger suckers Almquist, Evans, and Seaman became social chairmen. The large but incompetent frosh class soon got the brakedrum, but no instruction in how to ring it ("All the alleys in the house, frosh!"), but were to end the year with 6 points anyway.

Interhouse sort of arrived, with no one taking notice of the fact until the night before, when the industriously apathetic construction crew proved once again that Interhouse can, indeed, be built overnight. A mylar tent was erected in the courtyard, complete with a bigger and better colored organ, and a bottle pyramid and fluorescent sculpture appeared in the lounge, amid much torn mylar, broken glass, and glue sniffers.

Waluk displayed the true greatness of the House Polack, buying a cycle ("... and he doesn't know how to ride it?!") and proceeding to wipe out that very night. He did get the consolation of the Little Old Lady of Green Street Memorial Bumper Trophy from Insana, however, so he'd at least have **some** hot steel to hold between his legs while his machine was repaired.



"Pile!"



Sanitation engineers

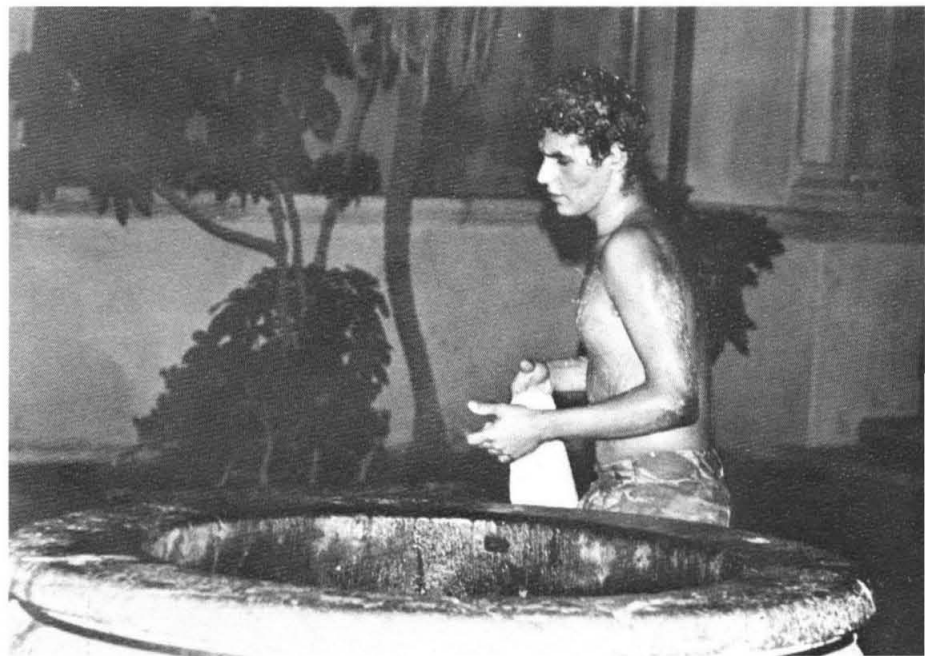
Moose succeeded in proving that hornyness really does pay—somebody—as he got a total of \$20 removed from various parts of his body by friends of the young lady he was with in T.J. Mexico provided further amusement to the Thanksgiving Baja punters, inspiring a couple of haircuts (“No ‘ippie in Mehico!”), a carrot war, and some interesting blackmail pictures. Niren got potted (“It’s been a long time . . .”), Plop showered himself (“... for a dollar? Sure!”), Lamanna and Eaton got dumped on, and the term ended quietly.

As second term began, the sophomore class discovered that a GPA wasn’t a bad thing to have, as long as you didn’t care about it. Evans passed Physics 2 by -5 points, Waluk passed everything and didn’t care about points, and Almquist proved himself a liar by cooling everything. Frosh finally

learned what ethyl alcohol was like, flesh was bought and sold (“Only 2 rupees . . .”), and the social team lost even more contacts at the Cherry alley party. Carol Kornblith, rumored to be a mature, stabilizing influence, saw it her duty to teach the innocents by delivering the first Kornblith Memorial Sex Lecture (“It’s disgusting for a woman to have to teach a man.”) She was recognized for her effort by an autographed copy of the latest edition of the purity test, which popped up in a bigger and better form. The house average state of purity was a disgusting 61, showing that most of the house members hadn’t even gotten their, uh, feet wet. The Great Earthquake came and went with Seaman the only casualty.



Save the TV!



It had been a long time

RICKETTS HOUSE

OFFICERS

Left to right: B. Seaman, Social Chairman; T. Casteel, Social Chairman; S. Beverley, Secretary; J. Abbot, Librarian; S. Grandi, Treasurer; M. Lamanna, President; D. Evans, Social Chairman; R. Lewis, Vice-President; H. Waggy, Headwaiter; E. Beckmann, Athletic Manager; J. Rogers, Athletic Manager.



SENIORS

Left to right: L. Pilachowski, E. McCord, H. Waggy, M. Lamanna (sitting), R. Antaki, S. Insana, J. Hall, J. Pendergast.





JUNIORS

Left to right: M. Frost, D. Holmes, R. Lewis, D. Carey, J. Helm, A. Yen, S. Grandi.



SOPHS

Left to right: B. Seaman, L. Fielder, M. Morgan, D. Franks, J. Fisher, L. Smith, L. Brusseau, M. Chiu, T. Wilson, C. Brown, S. Beverley, J. Rogers, T. Casteel, K. Bickford, D. Evans, A. Wench, E. Beckmann.



FRESHMEN

First row: J. Garth, D. Rothnie, B. Spaulding, J. Abbot, R. MacDonald, H. French, R. Cofield, A. Clemmens, P. Cannady, G. Stone, D. Drake, S. Bitondo, T. Bergen, K. Walker, K. Eaton, R. Weinberger, S. Young, G. Liu, E. Benjamin, F. Ware. Second row: R. Walser, R. Durst, R. Scranton, A. Kleinsasser, D. Stauber, N. Johnson, J. Loddengard, S. Thompson, J. Peterson.

As usual, there was Apache. Blind dates abounded, with this year's recipient of the Kimberley Hall Memorial Award being Muir at County General. Bitondo discovered what was up a girl's leg as he manipulated the stick in the garter contest, Seaman lost 19 purity points ("Now you can't be horny for 19 weeks!" Sure, kid.), and Holmes established close rapport with the sawdust. Unfortunately, Green Dragons were in very short supply.

Food punts started shifting during the term from far Tommy's as the chili went downhill, to near Tommy's, Ernie Jr.'s, and the pizza of Petrillo ("Anchovy and garlic?!"). Ice hockey and skating came into favor on Sunday nights as house members enjoyed falling on their ice. It proved to be dangerous, however, when returning skaters and their cars were involved in the amazing San Bernardino Freeway Boat Accident.

Lamanna and Veberley soon discovered a great new course (not available for credit toward humanities-social science requirement). DE 1, after getting a 65+++ out of 35 on the entrance exam. Waluk soon joined them while showing Smith how fast his bike would go. The owner of the mysterious Blue Ford lost a second time when Nancy Anderson ("that Rent-A-Cop lady") and the Royal Campus Mounted Police caught up with him and delivered a door-full of \$2 tickets. Also losing (or winning) were Rogers and Helm who took leaves of absence but didn't really leave, Romeo who took a leave of absence to attend Pitzer, and Chris Wood and Mariel who took leaves of absence from Pitzer to attend Tech.

Elections finished off the term with the UCC's being abolished. Carey became president as the candidate disliked the least. Waluk's brakedrum expertise got him the veep job, Seaman and Evans became social chairmen by default along with Kleinsasser, Scranton, and Walser. Brown got

★ THE BLUE FORD ★

NY 3A-9033

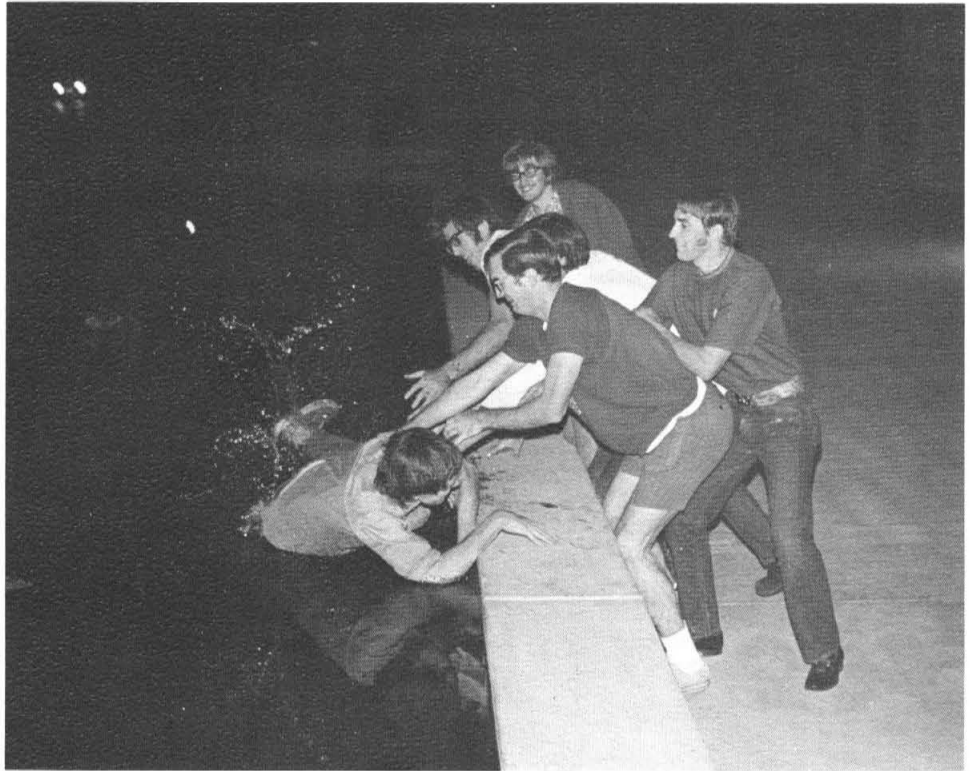
Dedicated to Nancy Anderson



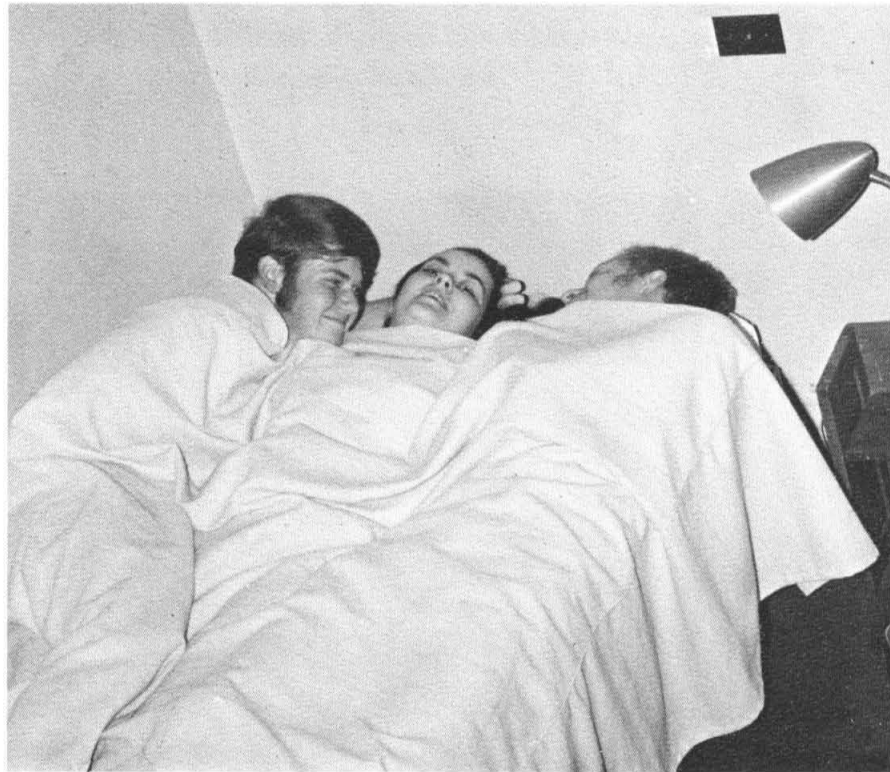
Tough break. Walser

treasurer, Beverley secretary, and 6 frosh split athmen and librarian somehow. Loddengaard became the keeper of the non-existent raunch as RLPL.

Third term began on a sad note as Almquist's car had deserted him somewhere in Salinas for that great ski lodge parking lot in the sky, cutting short a planned S.F.-Mammoth punt. More sad notes, this time of funeral marches, were heard as more Ricketts men joined the ranks of the living dead. At last count, Kast, Nanavati, Stone, Higgins, Reynales, and Plop (Plop?) had decided to take the final plunge, and while Lamanna still claimed to be among them, there was some doubt as to who the bride would be.

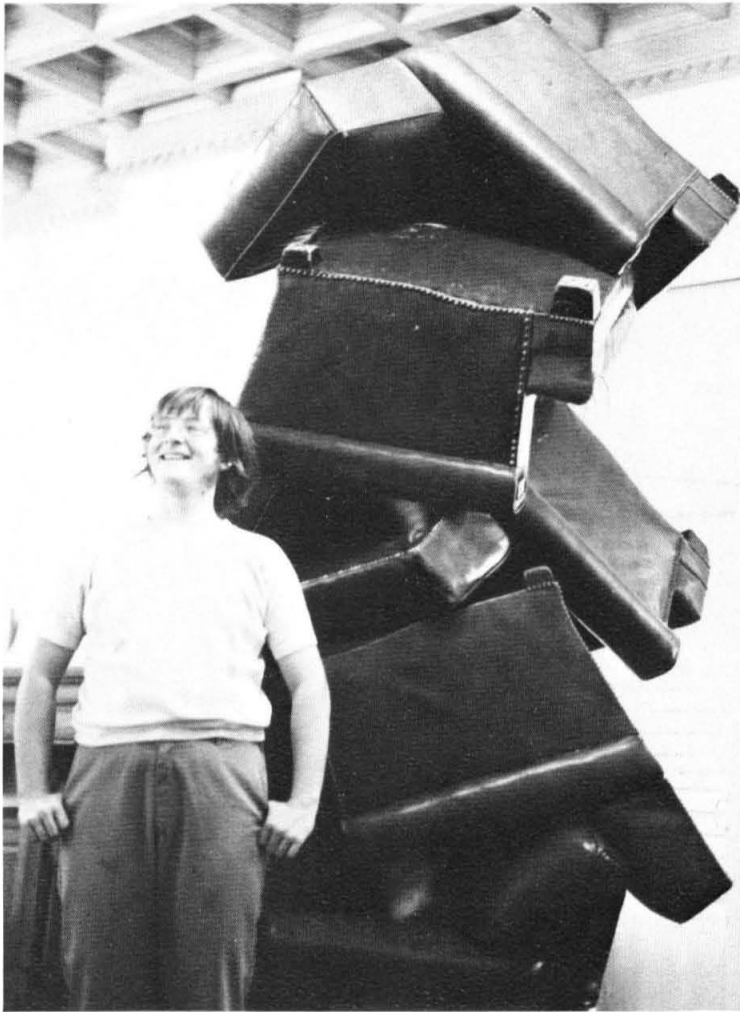


Plop, splash

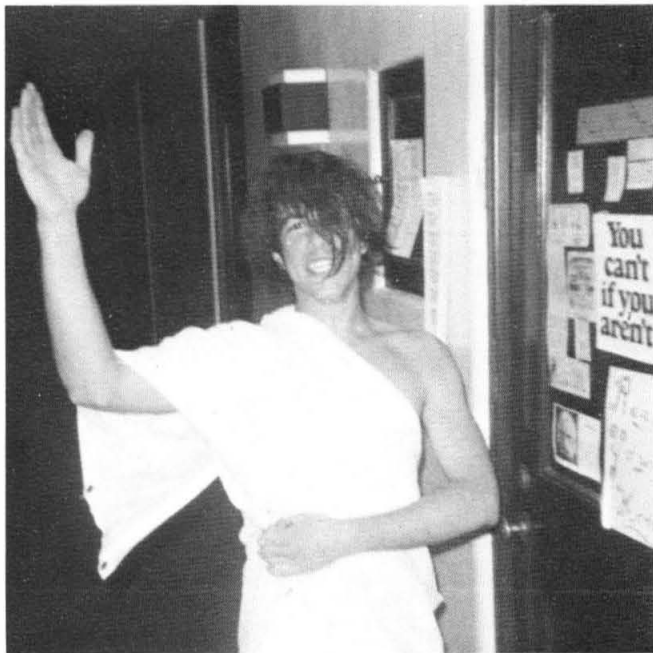


Ah, the joys of co-ed life . . .

Please send this picture to Mrs. Mike Lamanna, whoever she may be . . .



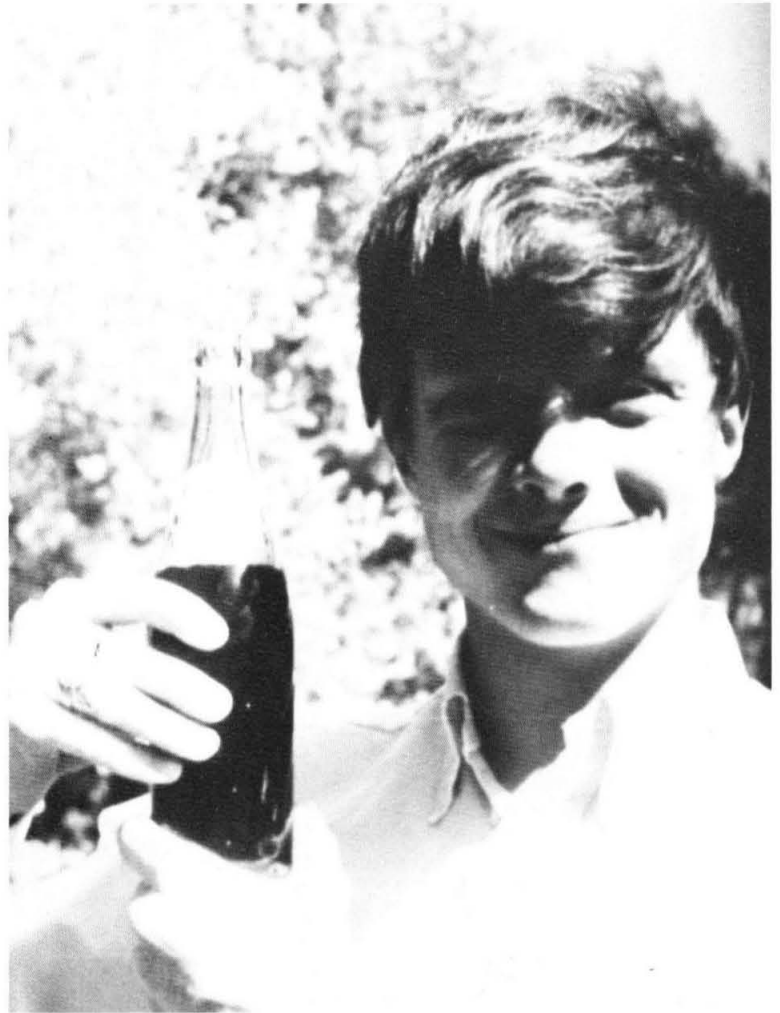
Many totally random events marked the term. In their war on Ricketts, the Mexican government was ahead 6 to 0, as Seaman and Walser were denied entrance to that great resort of T.J., and Moose became a two-time loser as he was given a lesson in Spanish by a border guard's club. The social program existed as a collection of raunch flicks, ice skating, a giant Dodger game, and an eleven person beach punt. Holmes followed Waluk's example and laid his cycle down the day he got it. ("What's RCH?") Beverley contracted terminal pussywhip ("How can a person be so horny and still live?"). The house ad hoc jam room band lived, sometimes even when Manfred had a math test. Ditch Day didn't work, and neither did Lamanna's door, for a while. A Big Sur punt died quickly when the box lunches that Evans had been eating reappeared on Beverley's dashboard. Rothnie satisfied himself by creating a strange white blob on the Ruddock lounge ceiling.



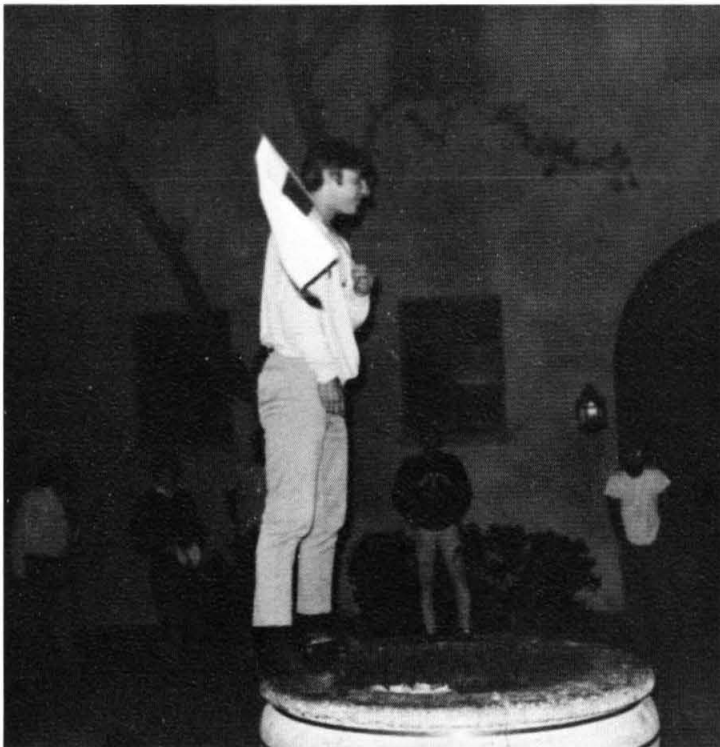
Ditch Day: Plop loses again

After trying to get started for 18 minutes, Polish Constitution Day finally streamed to life, giving everybody something to do. The Blacker-Dabney girls heard the Crud Alley Song (and other suggestions), the Ricketts lounge rats got to watch the Ruddock TV, the campus police found the pot fire their greatest thrill in weeks, Walser truned traitor, Page was victorious in the first (annual?) Interhouse Lounge Riot, and the pot smelled fresher than usual.

Ricketts jocks had another strong year. The real John Hall made the All-Conference soccer team, the Ricketts-dominated wrestling team topped their conference with Lewis going to the nationals, fast freak Kleinsasser broke 880 records, and Charlie Almquist placed third in the conference meet in the 440 IH, only to get the shaft at the districts.



Is this boy old enough to drink?



Polish Constitution Day began with a dribble ...

As the year ended, the frosh looked forward to their inside L.D. rooms for the second year in a row, the sophs to getting rid of Ph 2, the juniors to nothing in particular, and the seniors to finally getting the hell out.

RUDDOCK HOUSE

In the beginning was the Word and the Word was with Frink and the Word was Frink. And the great Frink in his omnipotent wisdom set forth a day for all who would be mothers. It was a day to bring forth children. It was called Labor Day. In celebration of the declaration of the great Jose, on Labor Day in the year of our Frink 1970, Kathy brought forth J.P. And Jose saw that it was good. And so they prospered.

Initiation awaited the frosh. Their task was to find the identity of the secret pledgemaster and kidnap him without doing anything that might embarrass the most sensitive of their group. It was the juniors who finally got things moving with their offer to inform the frosh of the pledgemaster's identity on receipt of a sufficient bribe. What turned the trick was the sophomore counterbribe in the form of a mysterious yellow fluid in resealed Miller's High-Life bottles. In their first attempt on the pledgemaster, the frosh, fearful (perhaps of embarrassment) of entering the coffeehouse, sent in a campus security guard to bring out the pledgemaster. The clever pledgemaster came right out but was saved by a passing soph who helped stand off the frosh until reinforcements arrived from within. Two days later, when the shops tired of guarding the pledgemaster, the frosh picked him up at the gym and took him bound and struggling to Arroyo Park where a passing narc stopped to ask if he'd had a bad trip. Thus the frosh entered the House of Ruddock.

It was at this critical point that the Great Frink revealed to Ecoman the secret of the parabolic earth. Working from this point, several independent researchers discovered that the vertex was located at the drain in the Ruddock House courtyard. Determination was made on the basis of studies on dark precipitation in April 1970. More advanced treatises were presented that demonstrated (1) that no point could be to the right of San Marino, and (2) therefore San Marino must be composed of extremely dense material. The cycle of day and night is explained by the tilting of the paraboloid as San Marino goes to sleep and becomes less dense. The final results of the parabolic earth theory were that general relativity is not valid, which certainly angered the poor trolls in Ph 236. And so the Great Frink has brought us in one giant step from flat-earth theory to a modern scientific preparedness for new developments to come.

Then the Grand Dragon announced, "Interhouse Lives." It was decided that in humble recognition of our spiritual leader we would style the lounge and courtyard after the famous Trader Frink's establishments. The lounge went Polynesian, and the courtyard became a lagoon with an eight-foot-wide waterfall. The most impressive touch was the use of florescent dye in the water and UV lights from the roof for a self-lit waterfall and pool.

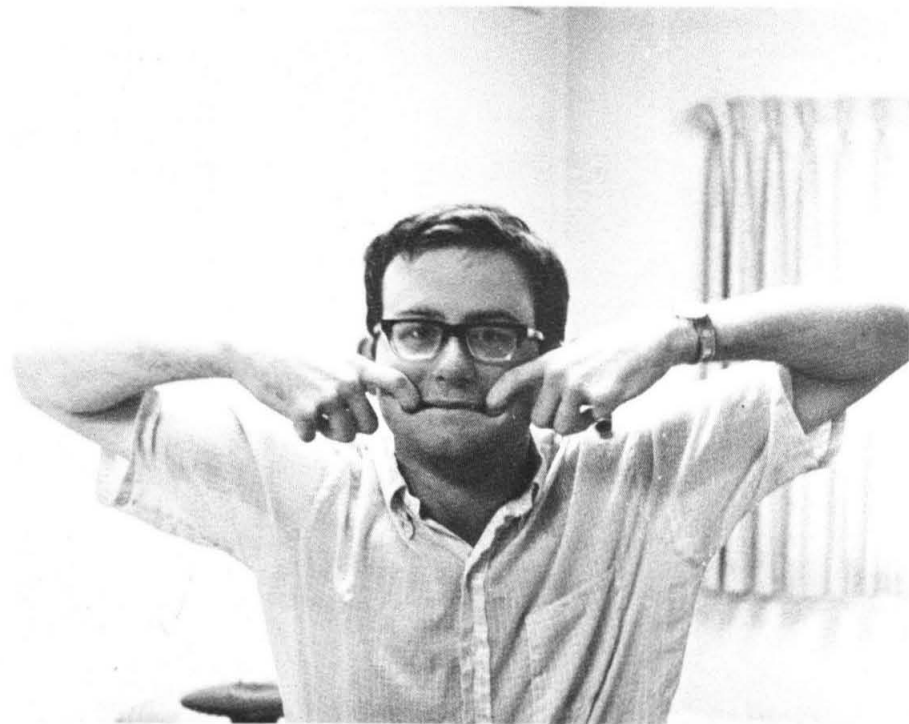
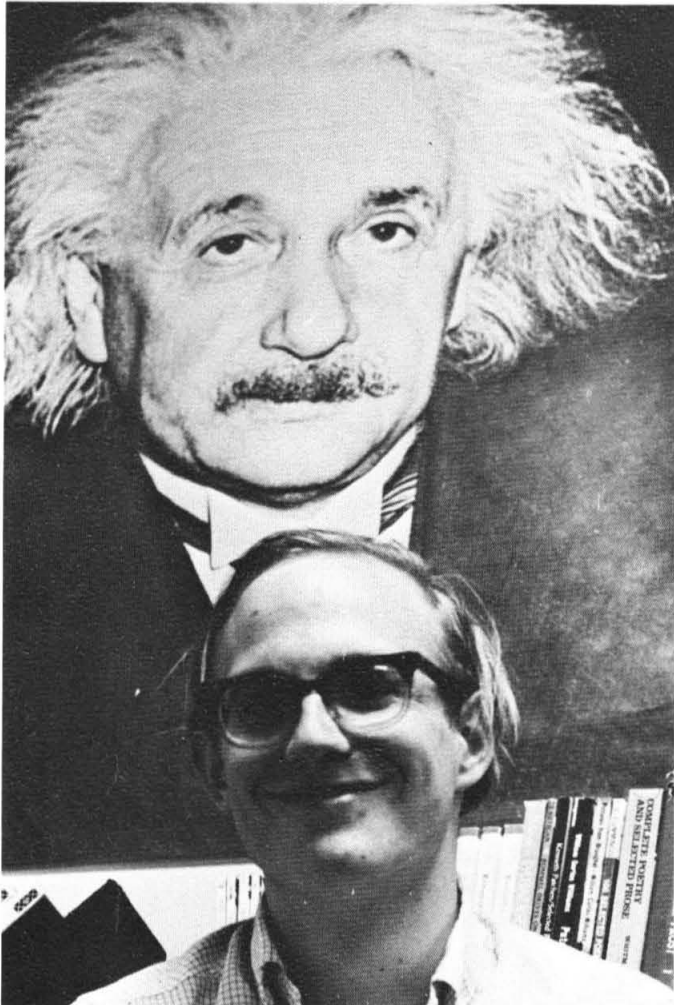
To build a pool we needed 150 burlap bags full of dirt for the edges. There was the Mudeo pit, so . . . So the pit was a little lopsided. But what do you do with eight tons of mud afterwards when the Mudeo pit has been filled? You work at night. A Rudd walking out of Noyes the next morning watched the two B&G trolls who had just releveled the field and were about to till it making gestures of dumping out sacks and shrugging.



Jonathan Patrick Sheetz



What has a furry tail and chews nuts?



Why are these physicists smiling?

RUDDOCK HOUSE

OFFICERS

Clockwise from bottom: D.J. Smith, D. Sinema, G. Pope, D. Larwood, R. Short, R. Siegfried, B. Penrose, M. Sheetz, K. Sheetz, A. Bross, D. Mitchell. Middle: J.P. Sheetz.



SENIORS

Standing: W. Almassy, S. Shuler, T. Tardiff, L. Guibas. On limb: A. Odlyzko, A. Strickland, D. Switzer, D. Richstone, T. O'Neil, B. Penrose.





JUNIORS

Left to right: J. Stone, M. Shull, R. Siegfried, N. Pendgraft, C. Boswell, D. Agnew, A. Bross, B. Rugar, D.J. Smith, T. Hedges, L. Lindblom.

SOPHOMORES



Left to right: K. Beatty, J. Fraser, P. Yancey, D. Dalrymple, P. Brooks, R. McDuff, R. Newmann, G. Pope, J. Munyer, D. Mitchell, D. Loh, A. Weigel, W. Derrick, P. Schluter, S. Tessema, A. Ellis, A. Adler, M. Mandelbaum, M. Ono, R. Wolf, L. November, D. Petrie.

FRESHMEN



Left to right: K. Nakamoto, B. McLaughlin, R. Stephens, P. Kwok, P. Massey, R. Bresler, A. Pietsch, T. Farr, J.P. Sheetz, R. Murphree, S. Nakamoto, K. Border, B. Yandell, J. Kessides, R. Standley, R. Pleva, J. Leger, S. Chen, T. Herman, D. Larwood, R. Baker, D. Kaufman, R. Pederson, E. Boyer.



Nevada Night

The social chairmen did their thing for Nevada Night. Once Ruddock lounge became a casino. Things ran smoothly until the Feds burst in to arrest a certain D. Sinema, a suspicious character wearing a dark suit with a flower in his lapel, on charges of running a clandestine gambling house and of leading the young and innocent of Ruddock into corruption (this last charge was dropped when the previous innocence of any party involved could not be substantiated).

Along came house elections. Because of his busy schedule, Jose Frink was unable to fill the offices of President and Vice-president. Serving in his stead are Dan Sinema and Randy Wolf. Yancey and Fraser became Secretary and Treasurer. Last and least, Bob Bresler was voted House Idiot.



Feds bust manager Sinema



Ruddock House Chorus

Ruddock Sextet



At Interhouse Sing time, all of Ruddock won. Rudds won first place in House Chorus, small groups, and the random talent events, largely through the efforts of Kelly Beatty.



Ruddock Quartet

This year alley challenges were under new rules. After the Grand Amalgamated Alley Challenge every alley was allowed to challenge either of the next two alleys ahead of it. In the first challenge under the new rules, Berkeley South met Clamshell Fire Road in the classical ORGASM (Original Random Gambit to Abridge the Seas of Millikan). The problem was to carry five alley members across the pond completely dry in the shortest time; anyone who gets wet is immediately removed from participation. Clamshell F. R. presented a Fiat 600 underwater driving team. Berkeley South entered a boat team and an A-frame mounted on two bicycles. It was a close race between the Fiat and the boat, but one person in the boat got wet, so Clamshell F. R. won. The five people and A-frame, however, collapsed both bicycles in mid-pond. The real tragedy of the day was the Fiat oil slick.

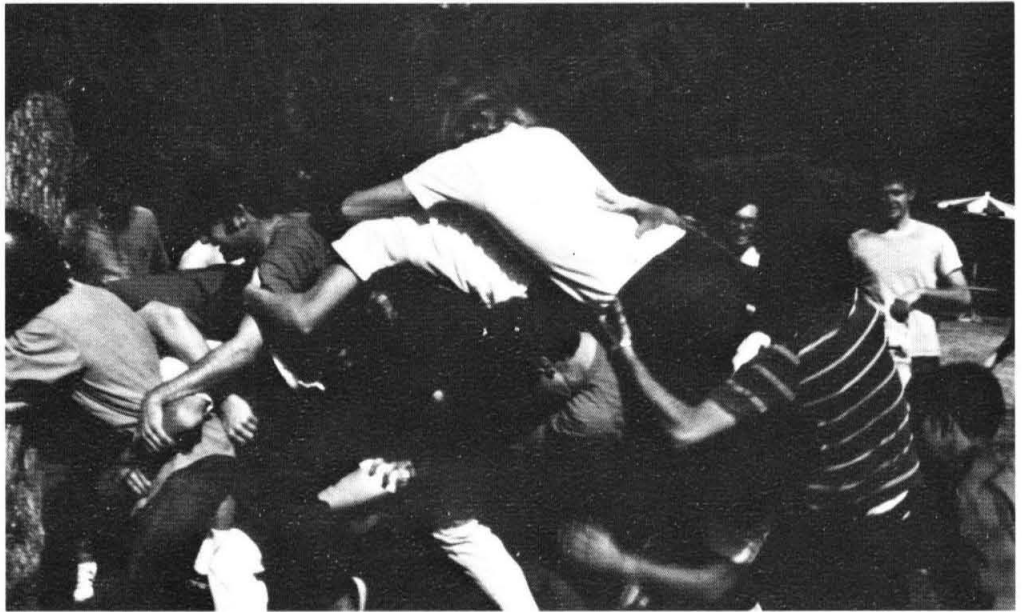
In another spectacular alley challenge Berkeley South defeated Alley Three. The contest was match rockets for distance and accuracy. The most important factor was the development of an advanced design technology. Bob's matches were the standard as Berkeley South triumphed with an average 253 inches to 144 inches for Alley Three. The record shot was 64 feet with an error of only five feet off to one side.

The Quiet Alley did its thing and beat Alley Three in the collection of signatures on petitions to stop the bullfights in the Rose Bowl. In all about two hundred of Pasadena's finest (?) signed the petitions to stop the inhumane treatment of our best source of good

Finally, in a Bill Cosby alley challenge, Trojan Alley and Berkeley South tied ten-to-ten in buck-buck.



Pile them on . . .



. . . and up . . .



. . . and over they go.



September 1970 brought girls to campus. Rudds departed in June hoping that September 1971 would bring girls to live in Ruddock.

"She's mine!"
"No, I saw her first!"





SENIORS



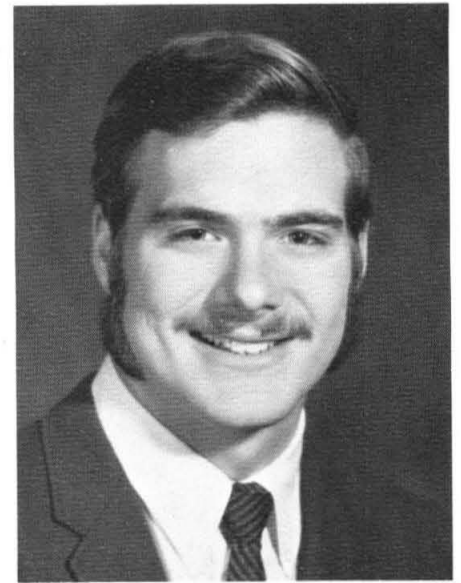
ROBERT MARK ABARBANEL
BEVERLY HILLS, CALIFORNIA
FLEMING

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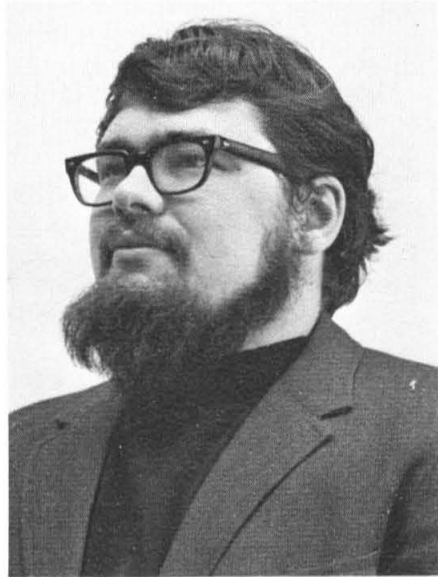
MARK JOSEPH ABRAMSON
REDONDO BEACH, CALIFORNIA
FLEMING

MA



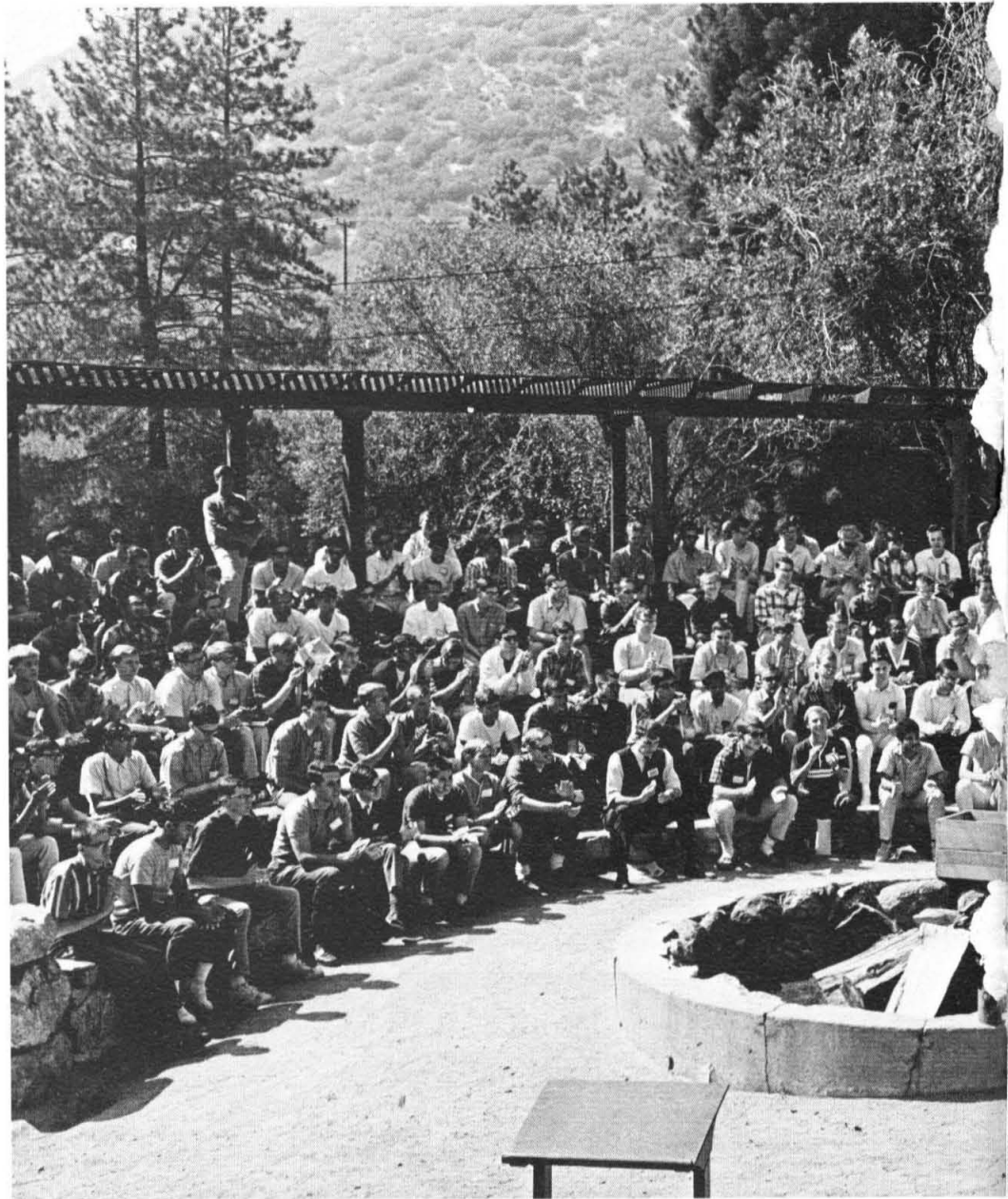
GAROLD ROBERT ADAMSON
ORANGE, CALIFORNIA
LLOYD

CHE



RONALD EUGENE ALLEY
DAYTON, OHIO
FLEMING

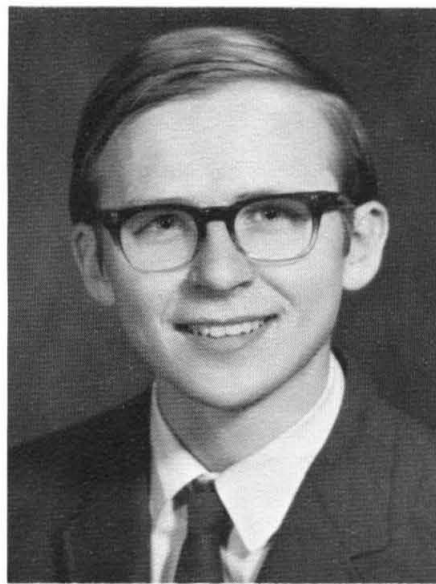
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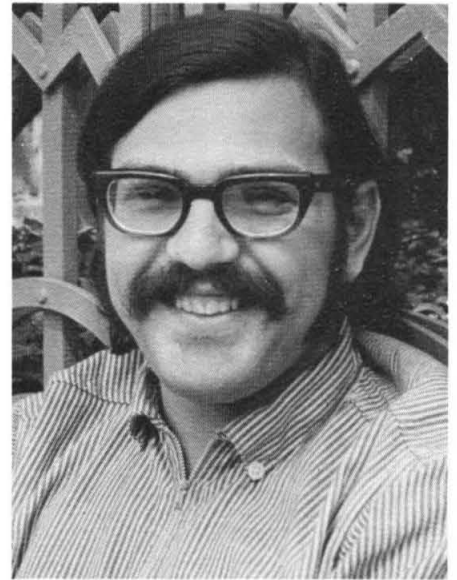
WILLIAM THOMAS ALMASSY
LA CANADA, CALIFORNIA
RUDDOCK

ME



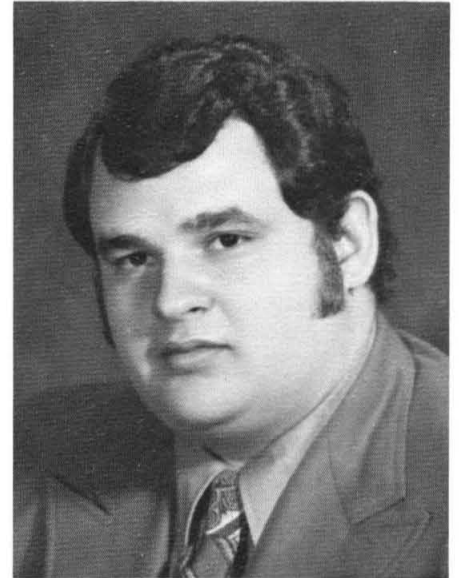
CARL NESTOR ANDERSON
KENSINGTON, CALIFORNIA
BLACKER

ENV



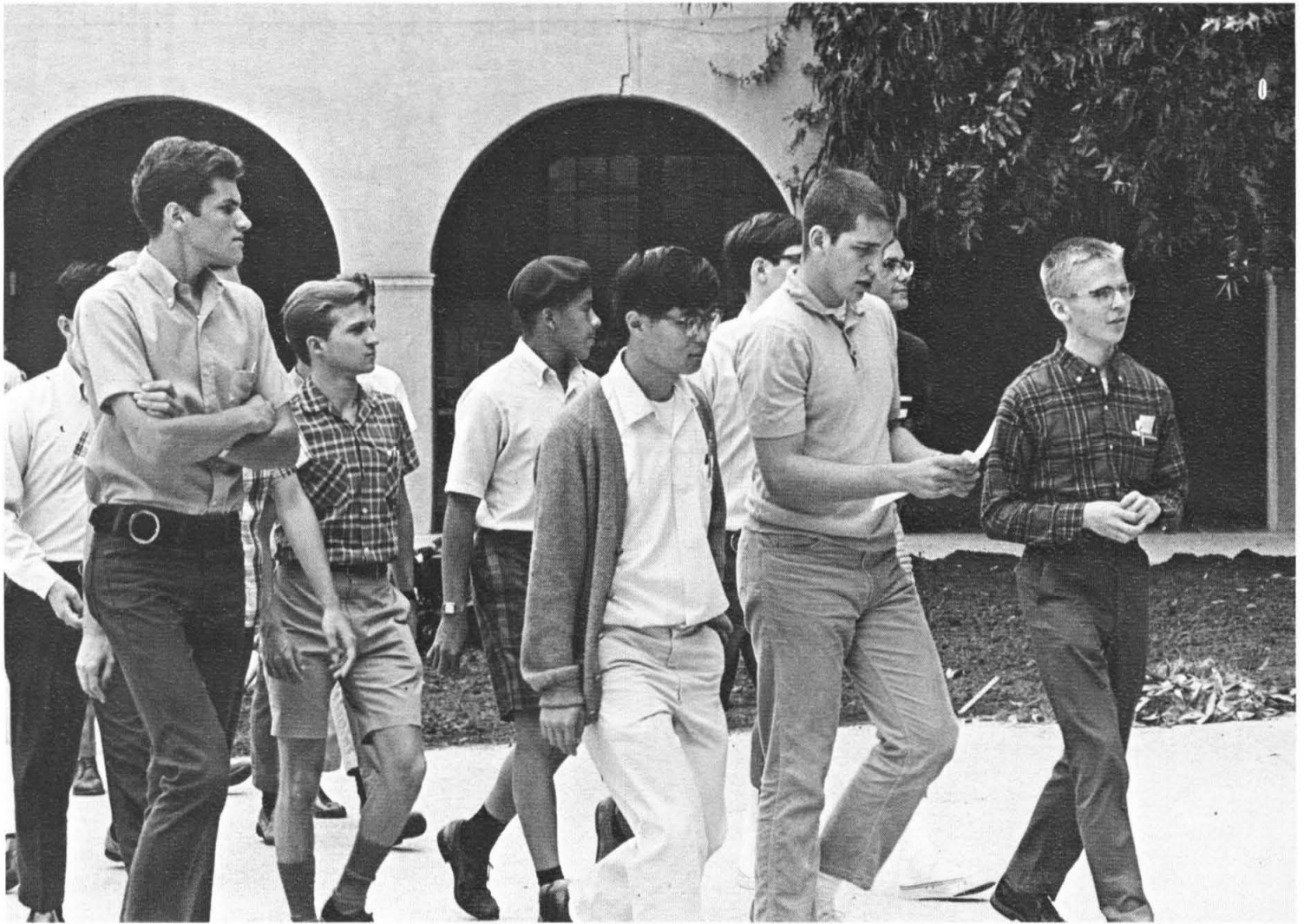
ROBERT R. ANTAKI
RICHMOND, CALIFORNIA
RICKETS

ENG



LUIS Y MARCHI ARANGUREN
SAN SALVADOR, EL SALVADOR
OFF CAMPUS

EE



MICHAEL WAYNE ARENTON
ALHAMBRA, CALIFORNIA
OFF CAMPUS

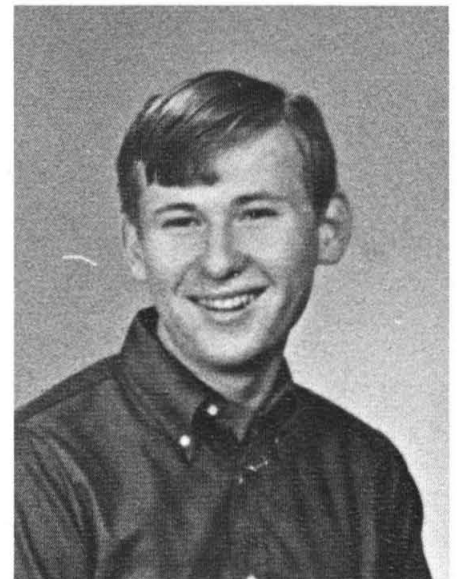
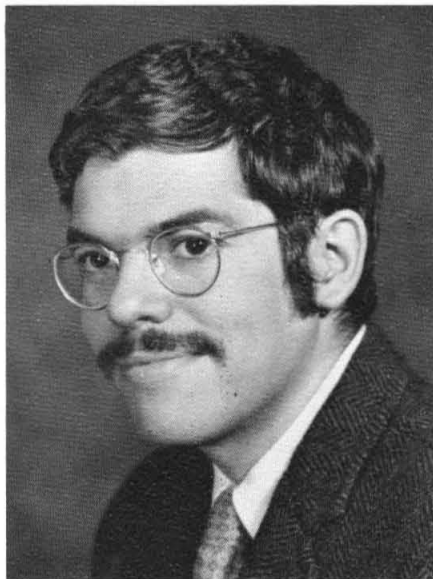
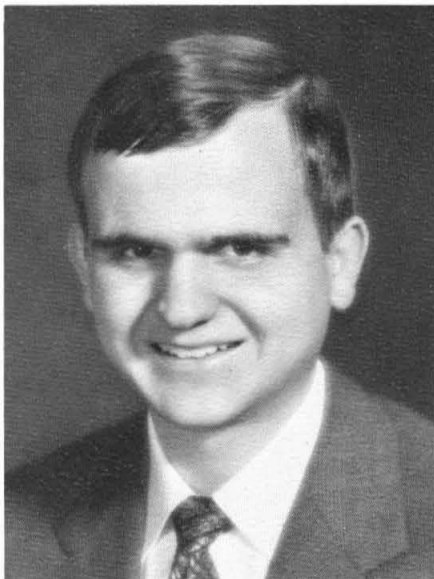
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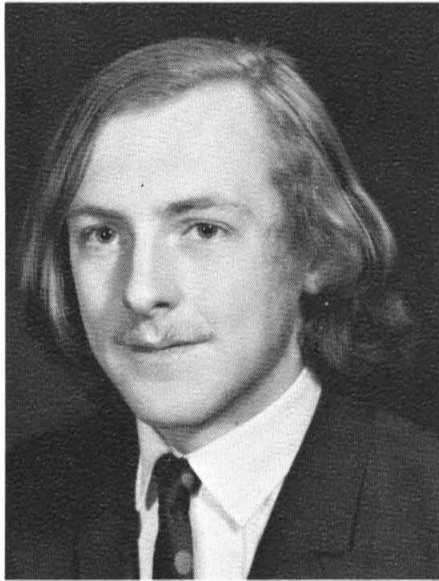
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GLENVIEW, ILLINOIS
DABNEY

BI

STEVEN CARL BANKES
COLUMBUS, OHIO
PAGE

ENG





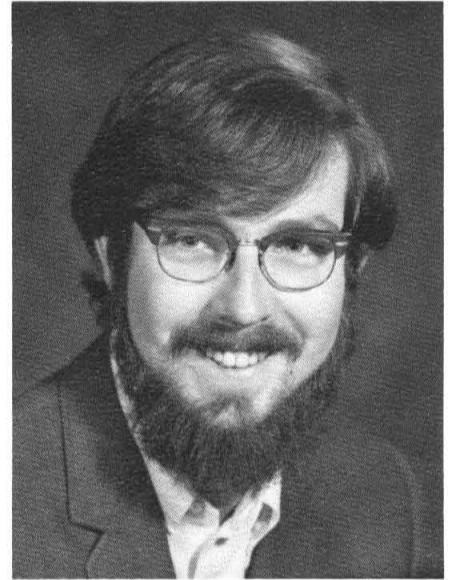
CHARLES VERNON BARBER
KENT, WASHINGTON
LLOYD

BI



ALAN BOWKER BARCLAY
TAKOMA PARK, MARYLAND
FLEMING

PH



BENJAMIN JOSEPH BARKER
SOUTH DEERFIELD, MASSACHUSETTS
DABNEY

ENG



DAVID ROBERT BAUER
MERCER ISLAND, WASHINGTON
DABNEY

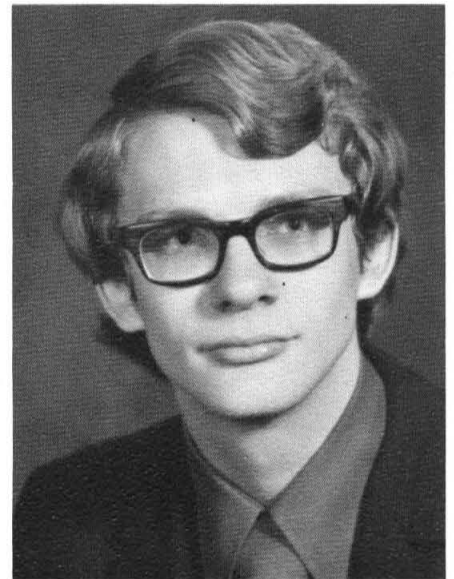
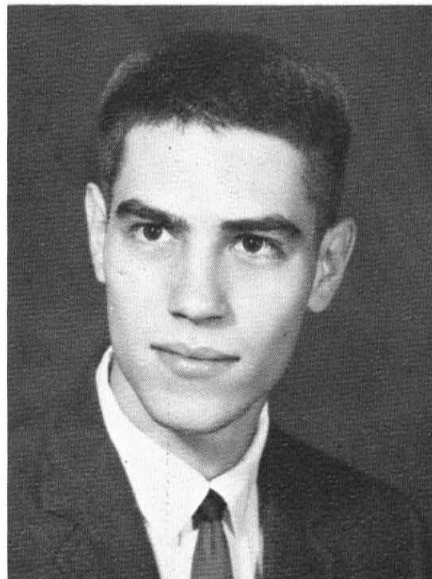
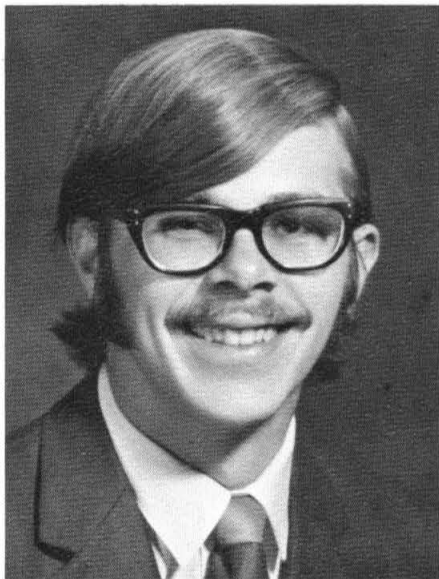
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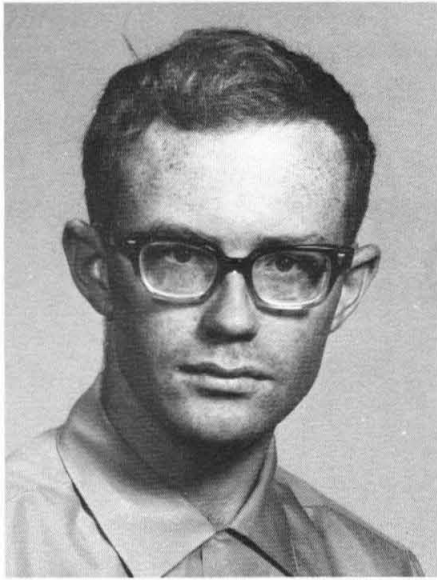
STEPHEN CHARLES BEACH
TORRANCE, CALIFORNIA
PAGE

EC

JAMES CHRISTOPHER BECK
MODESTO, CALIFORNIA
BLACKER

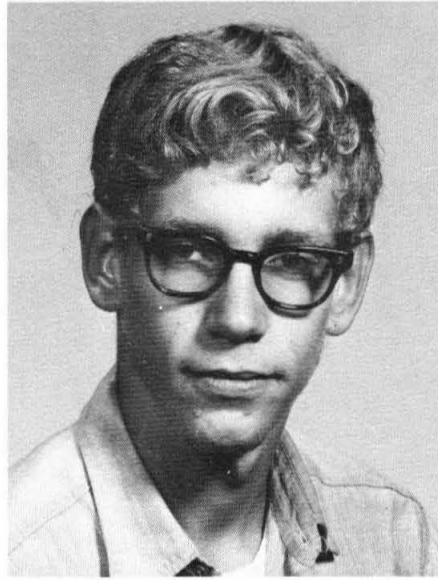
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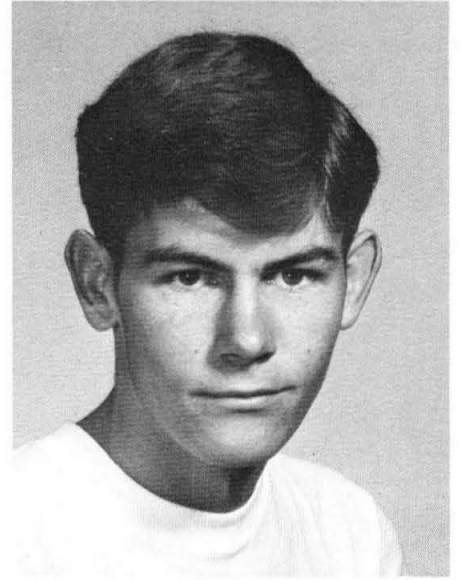
JOSEPH JAMES BELONIS II
SEATTLE, WASHINGTON
FLEMING

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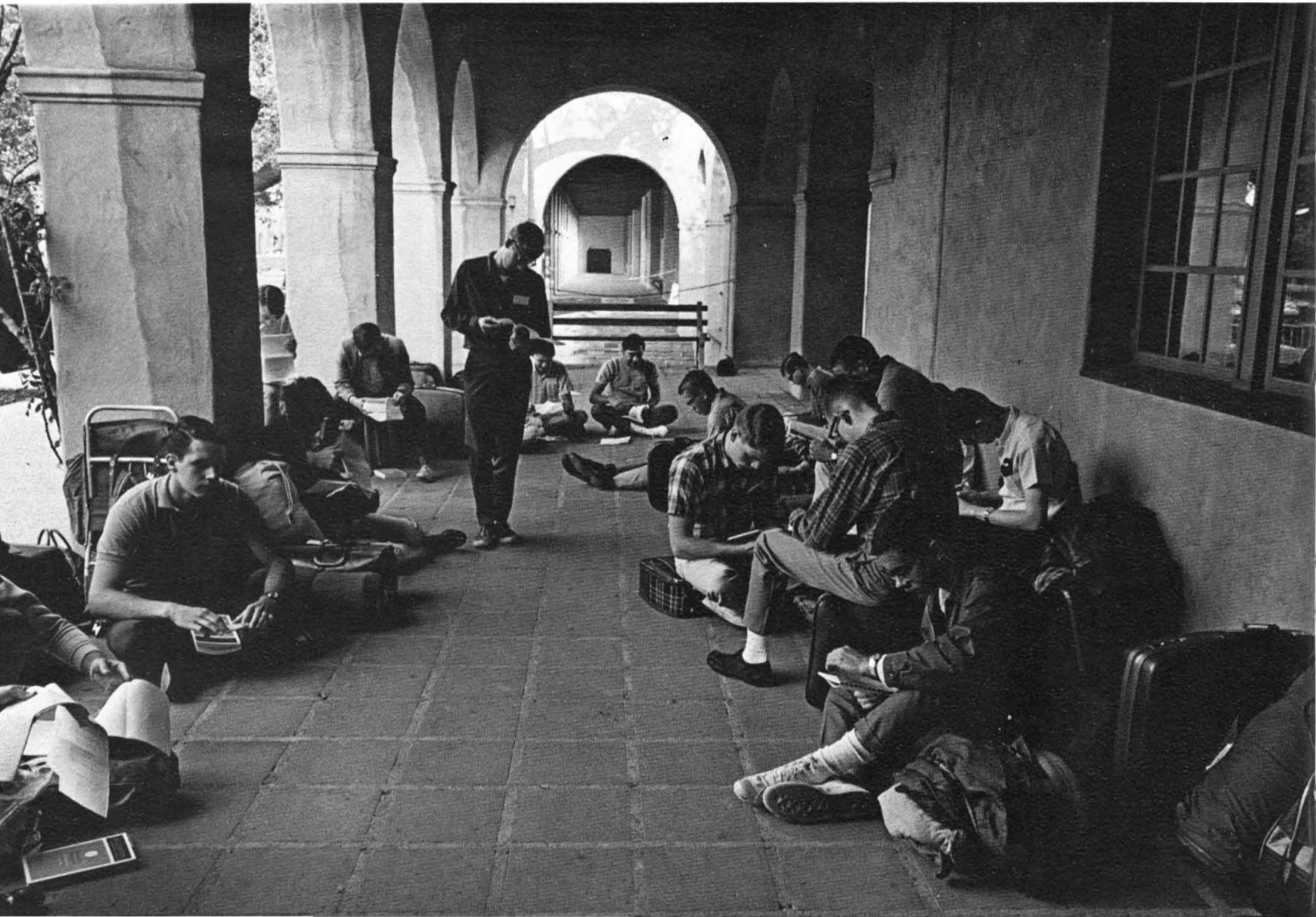
LEONARD CHARLES BERMAN
JERSEY CITY, NEW JERSEY
FLEMING

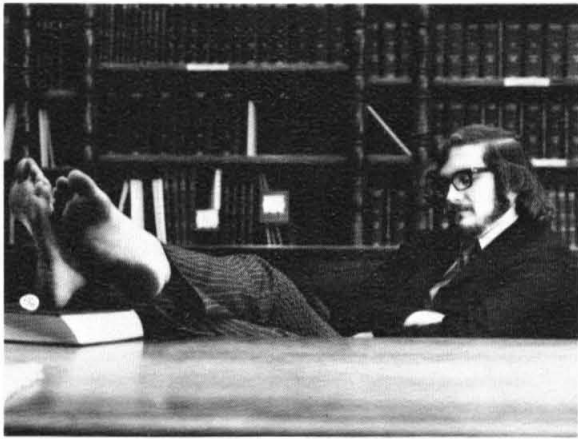
MA



RICHARD WATSON BLAKEY
RENO, NEVADA
PAGE

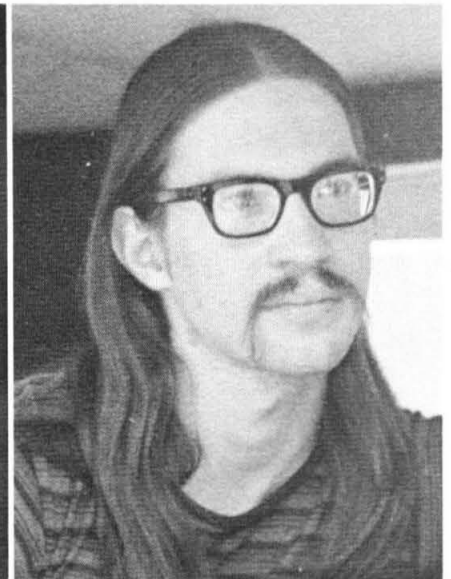
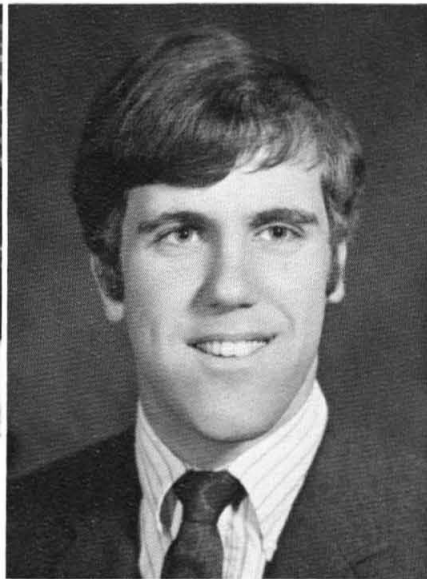
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SAN GABRIEL, CALIFORNIA
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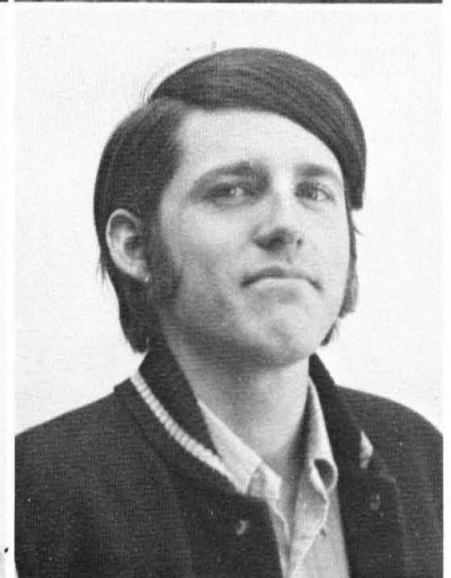


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SPOKANE, WASHINGTON
LLOYD

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JAMES HENRY COOK
WILLIAMSVILLE, NEW YORK
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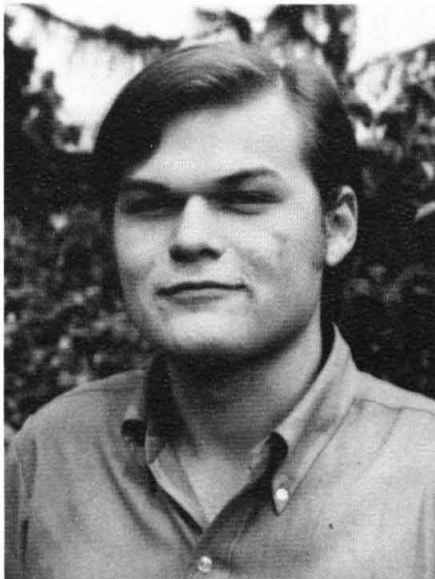


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BILLINGS, MONTANA
FLEMING

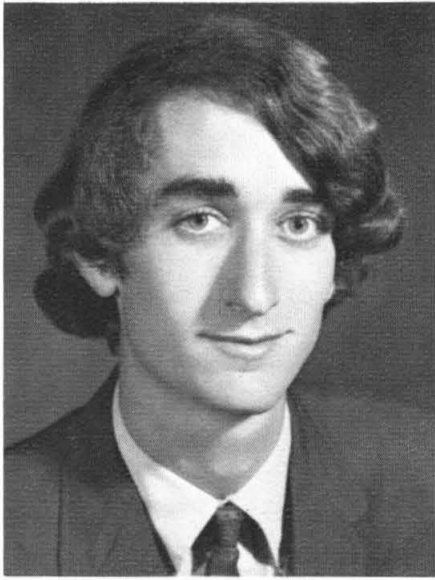
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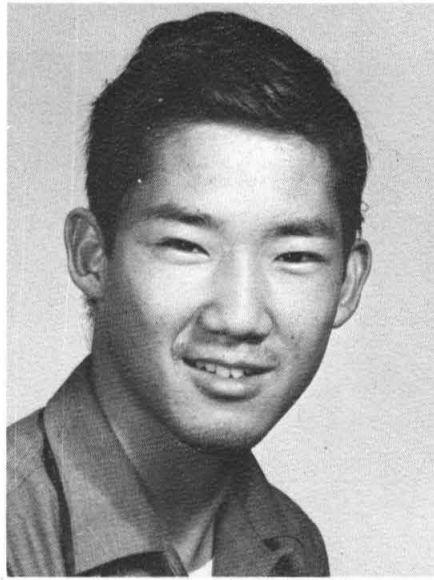
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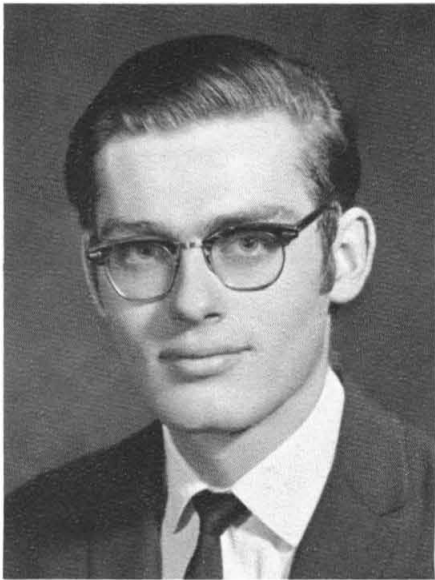
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BLACKER

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YOSHIAKI TSUNEO DAIMON
KYOTO, JAPAN
RICKETTS

ENG



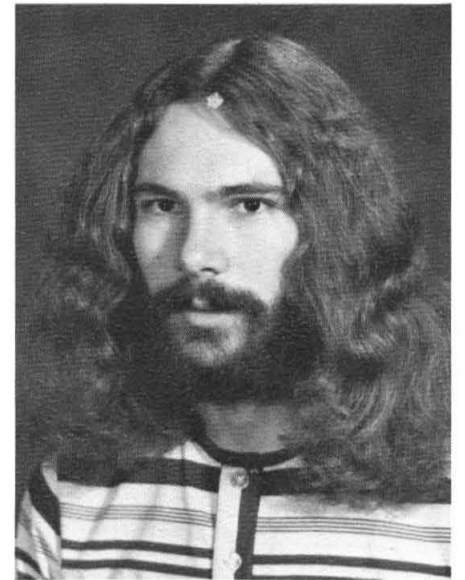
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BARSTOW, CALIFORNIA
BLACKER

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FORT ORD, CALIFORNIA
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GARY ALFRED DEMOS
LA CANADA, CALIFORNIA
OFF CAMPUS

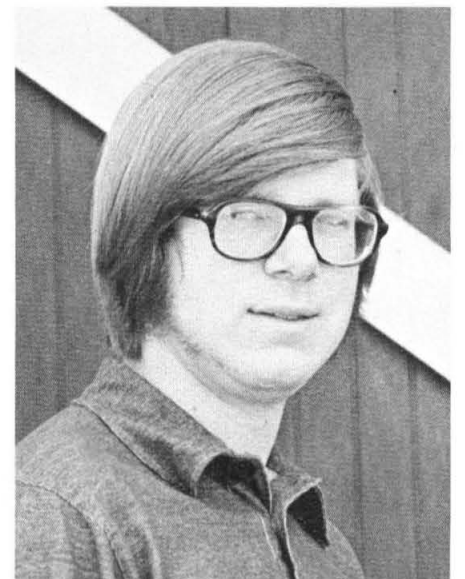
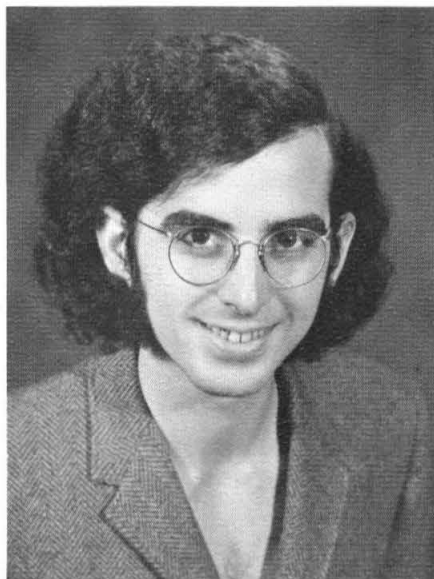
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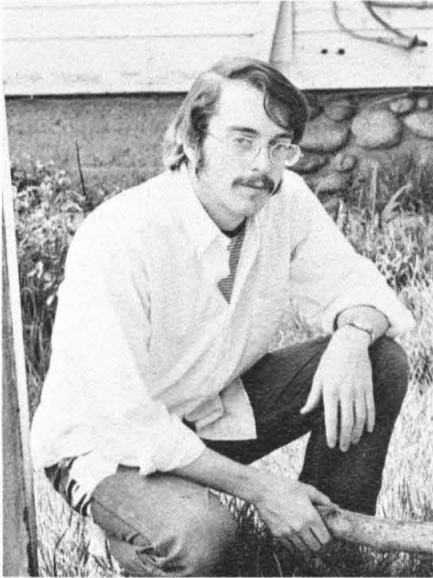
DENNIS LEONARD DIBARTOLOMEO
FORDS, NEW JERSEY
LLOYD

AY

DAVID ADAMS DIXON
MANCHESTER, CONNECTICUT
FLEMING

CH





WILLIAM SHIPLEY DUCKWALL
KINGSPORT, TENNESSEE
FLEMING

BI



DAVID NEIL DOBRIN
ALTADENA, CALIFORNIA
FLEMING

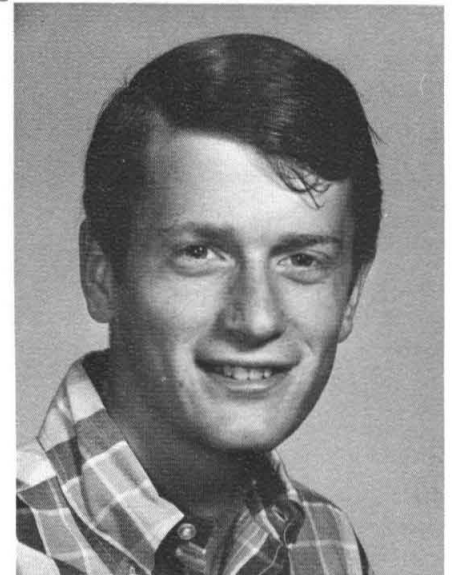
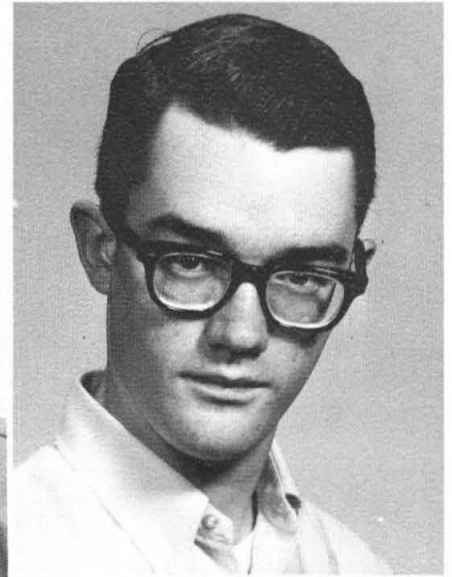
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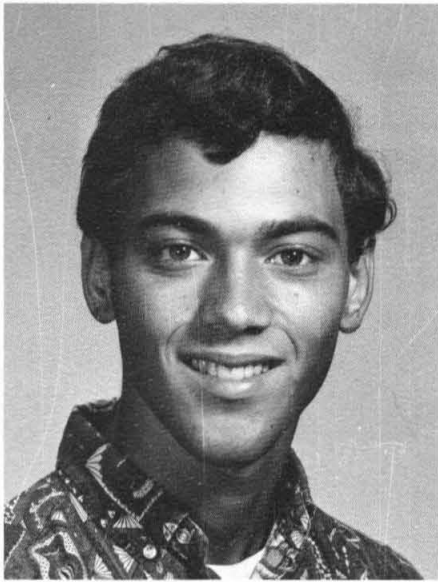
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EVANSTON, ILLINOIS
RUDDOCK

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GERALD S. EISMAN
PHILADELPHIA, PENNSYLVANIA
LLOYD

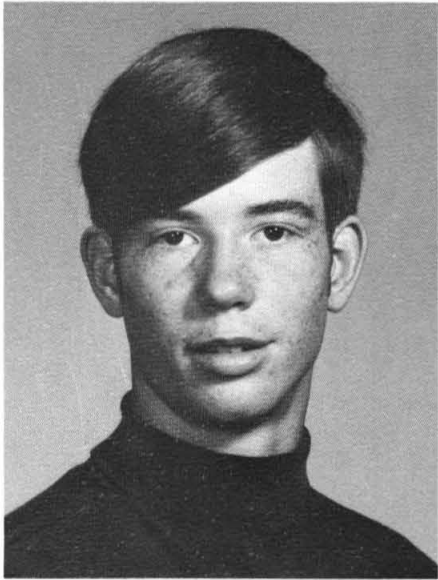
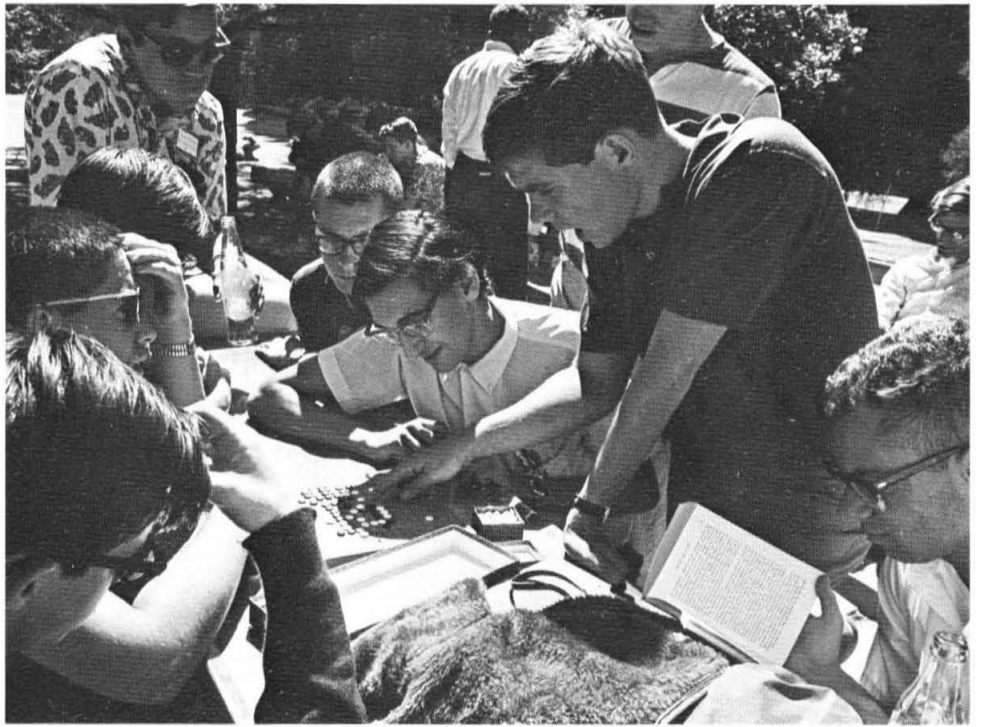
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ROBERT S. FISHER
FT. LAUDERDALE, FLORIDA
DABNEY

BI



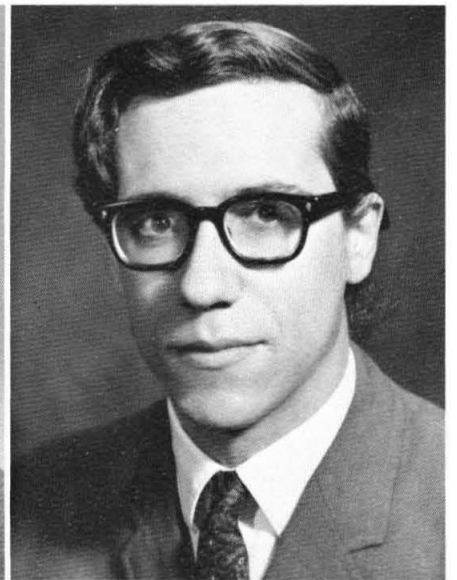
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OMAHA, NEBRASKA
FLEMING

ENG



JOSHUA BENNETT FOREMAN
SCOTTSDALE, ARIZONA
LLOYD

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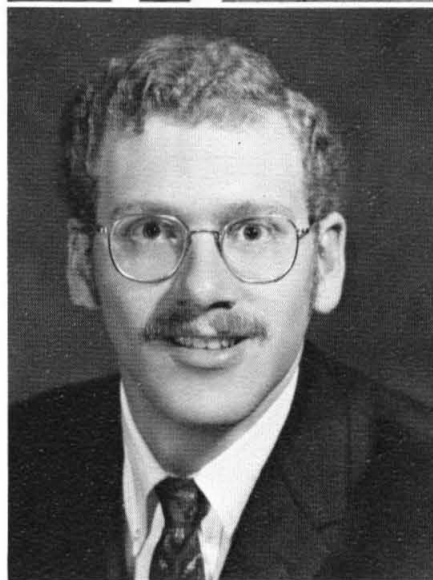


JOEL HERBERT FRIEDMAN
PHOENIX, ARIZONA
DABNEY

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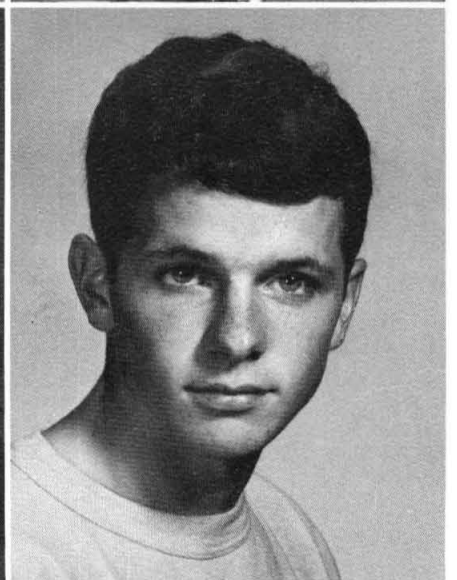
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S. SAN FRANCISCO, CALIFORNIA
RICKETTS

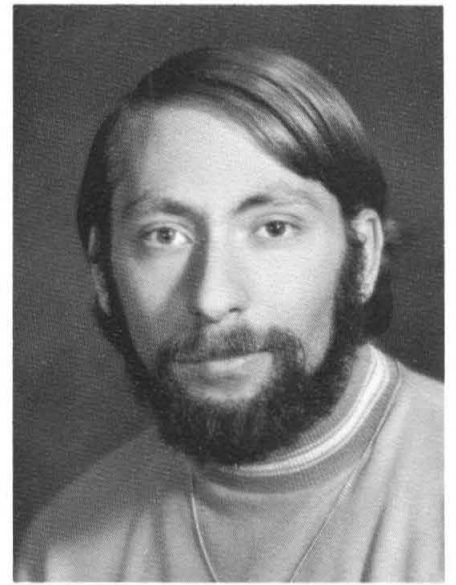
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RALPH BREMNER GRAHAM
BURLINGTON, NEW JERSEY
FLEMING

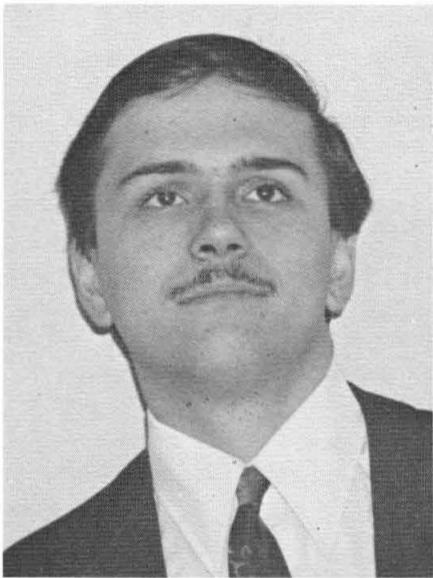
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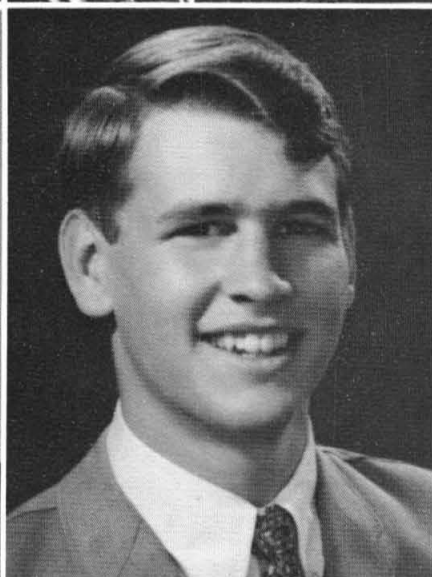
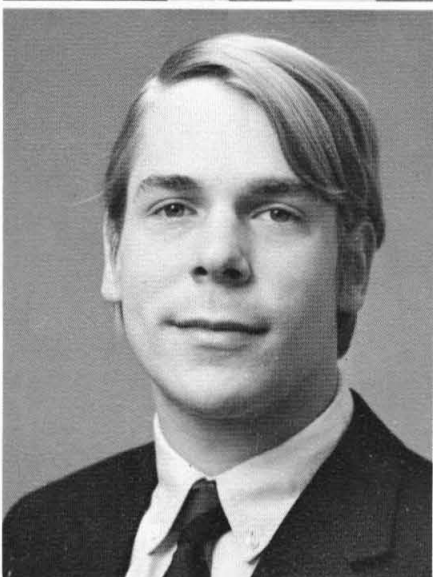
DAVID JAY GREEN
POMONA, CALIFORNIA
RUDDOCK

EC



JAY RANDOLPH TROLL
WATAGRATE, TURKEY
PHWH&RR

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LEONIDAS JOHN GUIBAS
ATHENS, GREECE
RUDDOCK

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DONALD LEE GUNTER
MOUNT PROSPECT, ILLINOIS
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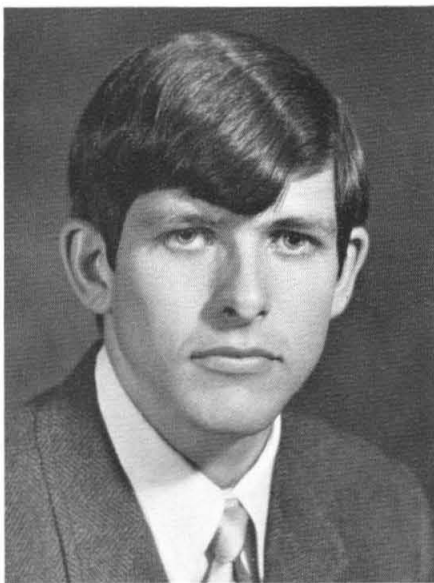
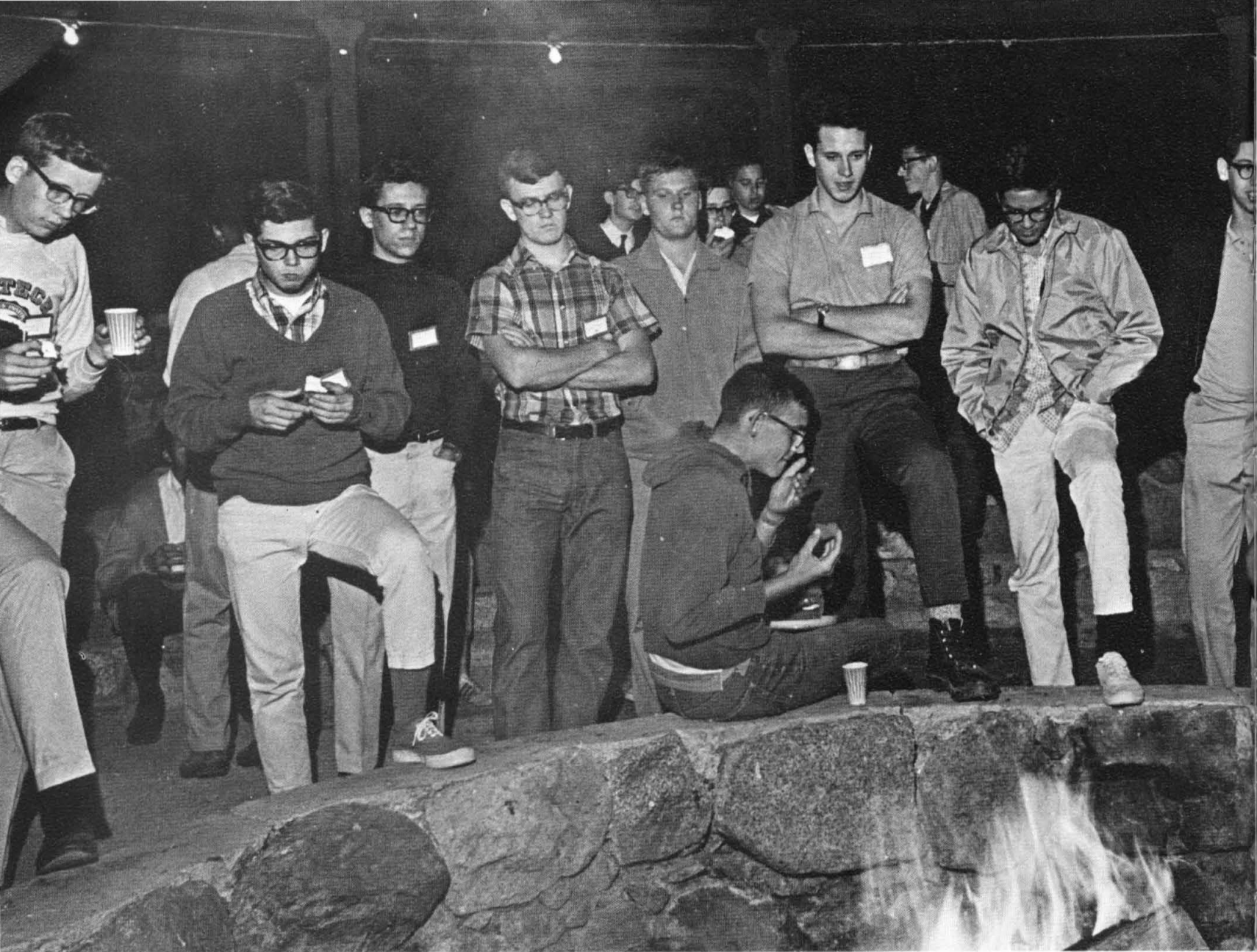
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JONATHAN INGERSOLL HALL
PASADENA, CALIFORNIA
RICKETTS

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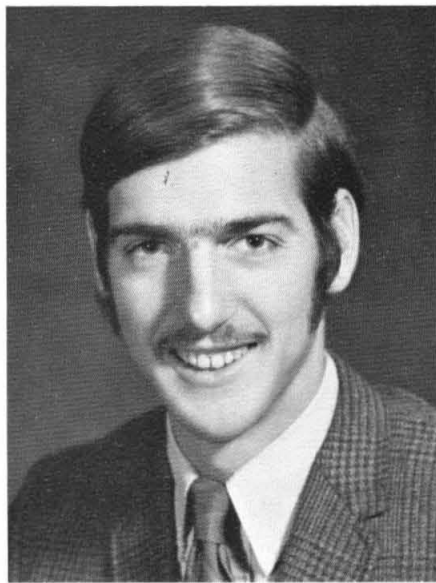
ROBERT EARL HALL
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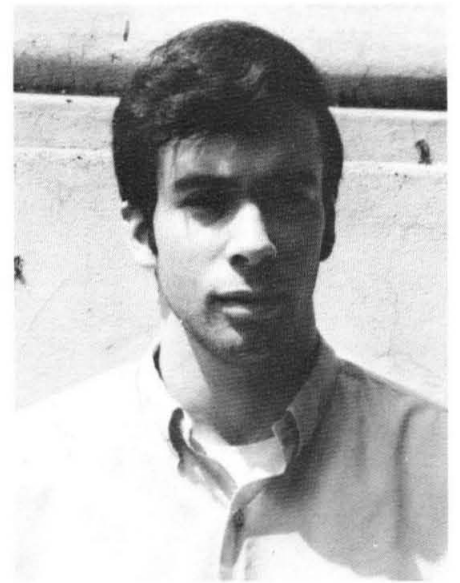
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OFF CAMPUS

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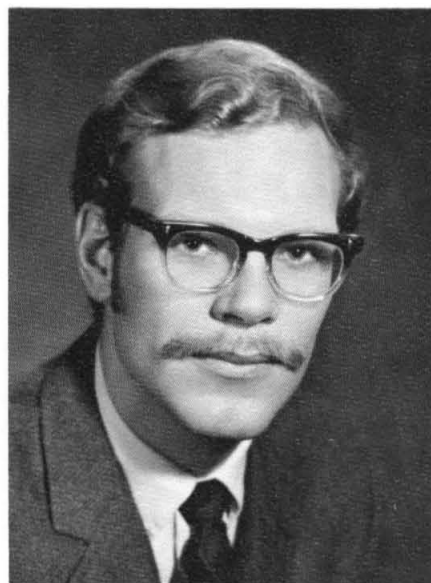
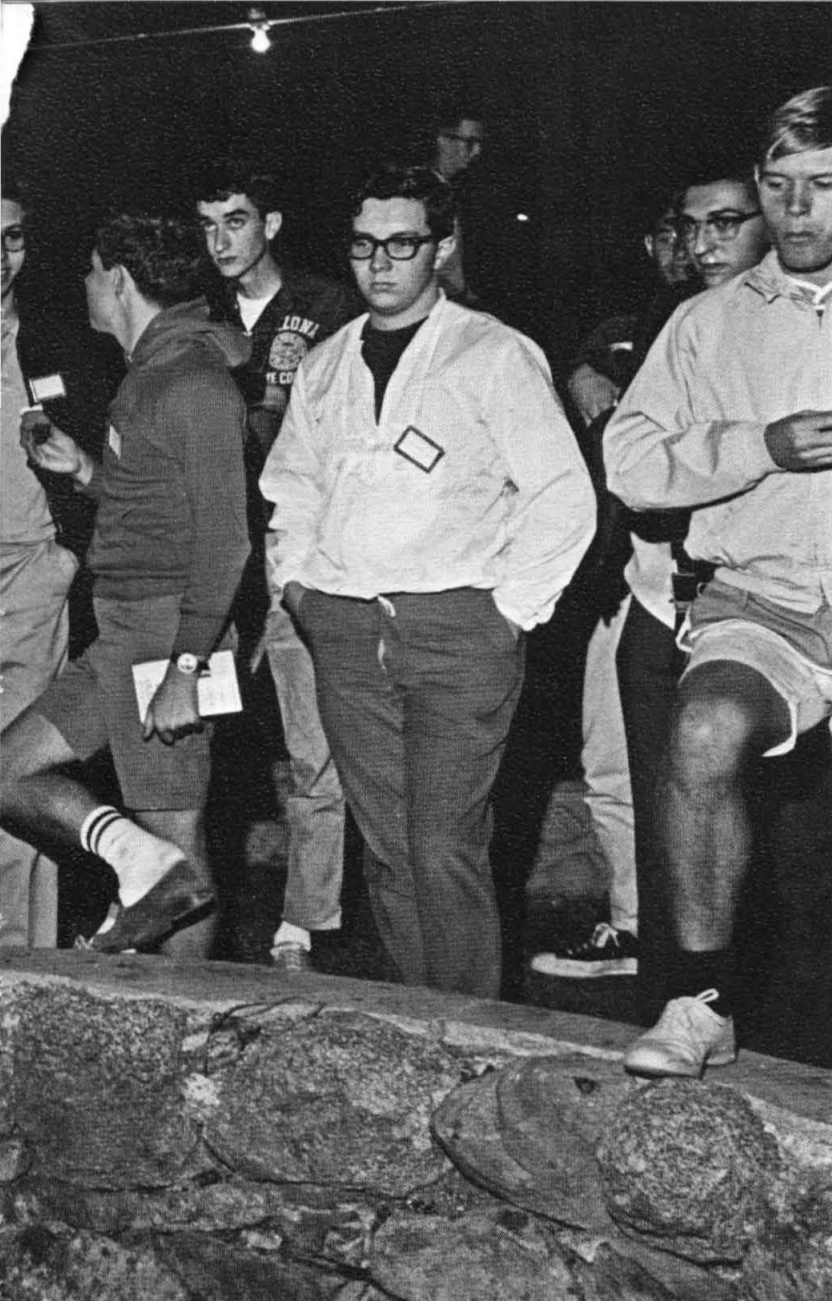
KENNETH ENDICOTT HANSON
DOWNEY, CALIFORNIA
LLOYD

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ANDREW MACE HAUTZIK
SHERMAN OAKS, CALIFORNIA
LLOYD

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THOMAS RANDAL HEINZ
DENVER, COLORADO
LLOYD

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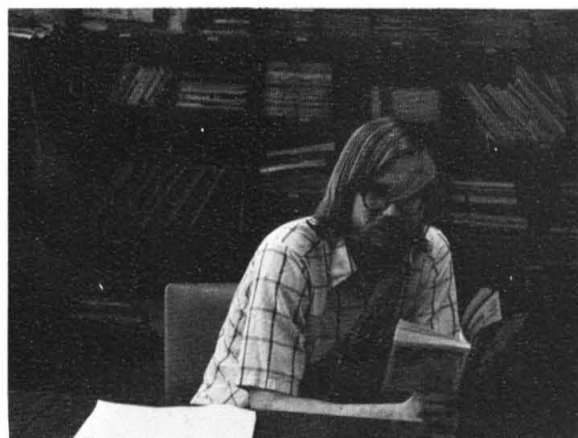
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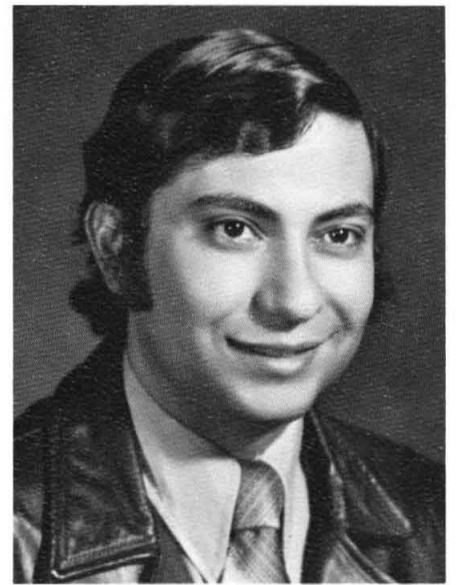
WILLIAM GAONG HWANG
SACRAMENTO, CALIFORNIA
FLEMING

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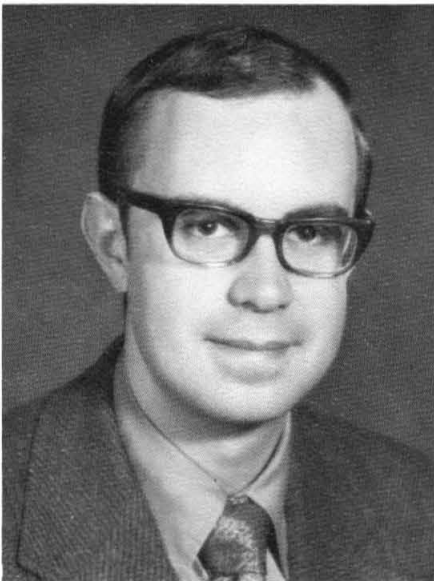
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ROLLING HILLS ESTATES, CALIFORNIA
DABNEY

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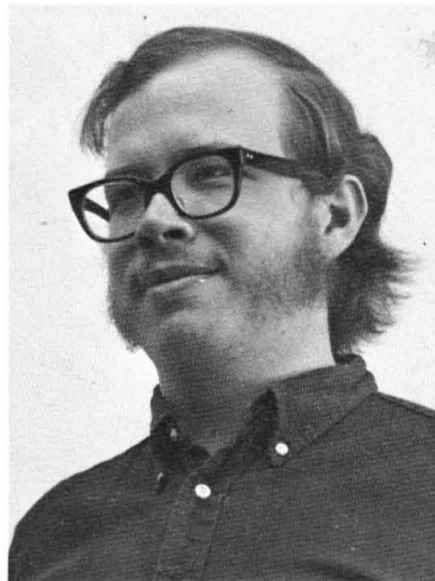
SAM FRANK INSANA
PHOENIX, ARIZONA
RICKETS

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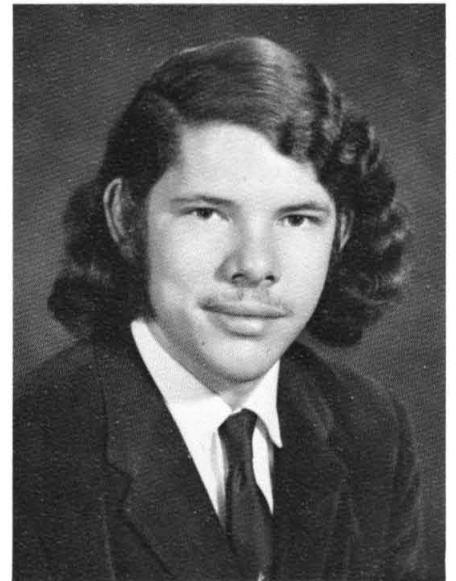
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PORTLAND, OREGON
OFF CAMPUS

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ROGER JESS JONES
KANAB, UTAH
FLEMING

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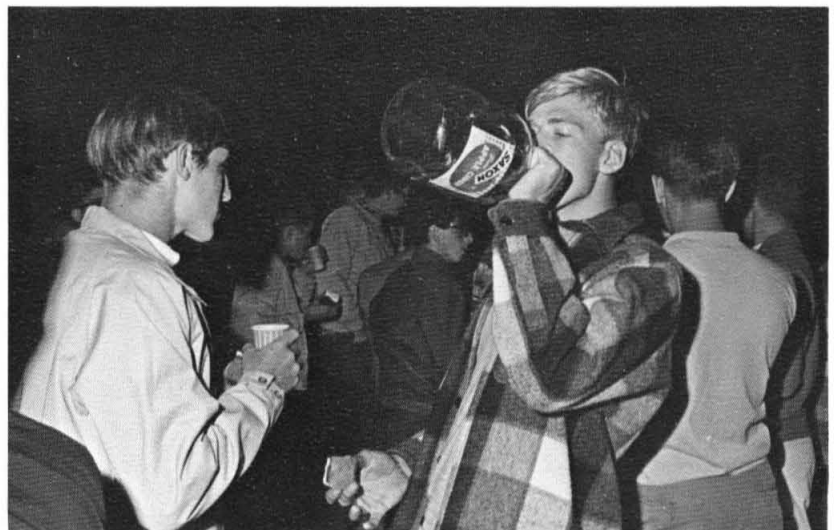
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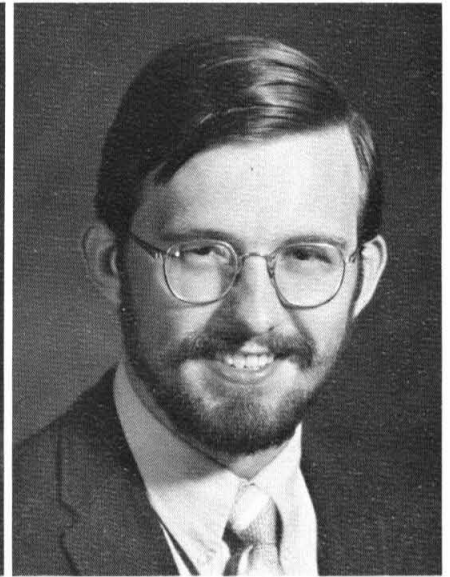
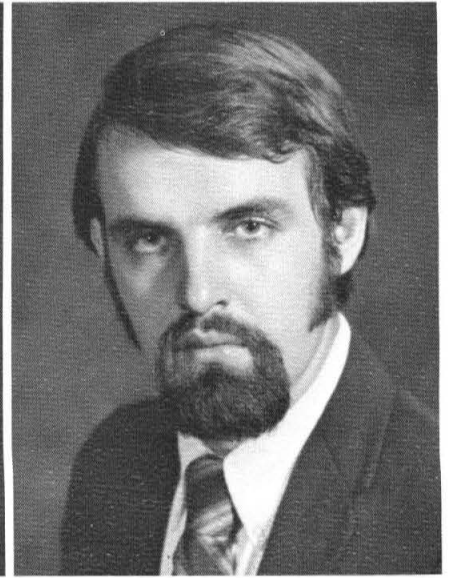
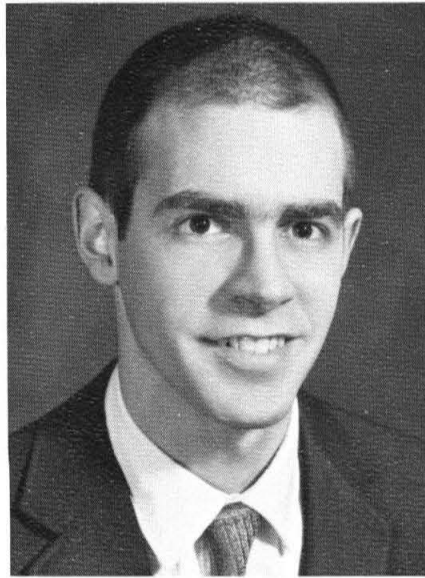
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JAMES ETHAN JUSTISS
NASHVILLE, TENNESSEE
DABNEY

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GREGORY EDWARD KANDEL
SAN GABRIEL, CALIFORNIA
RUDDOCK

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MILAN HENRY KARSPECK
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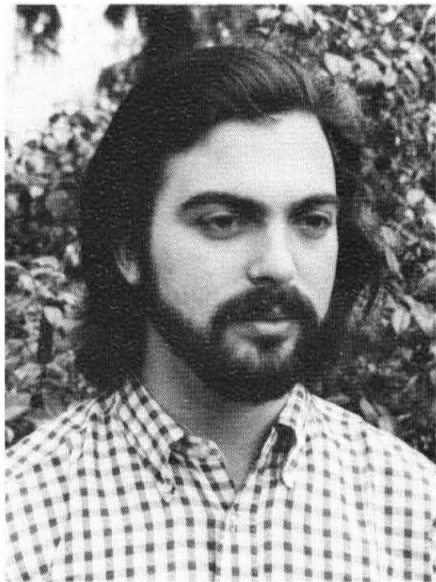
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IAN ANDREW KLING
HACKETTSTOWN, NEW JERSEY
RUDDOCK

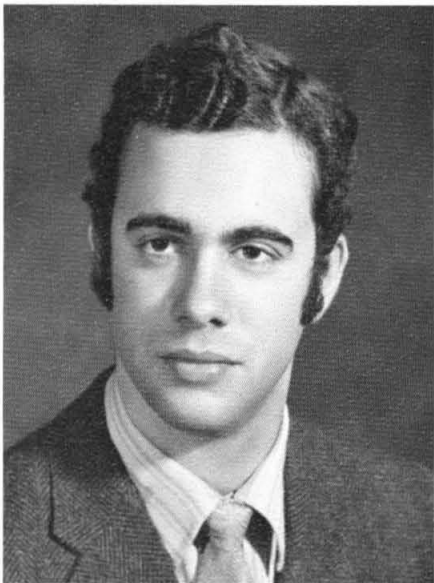
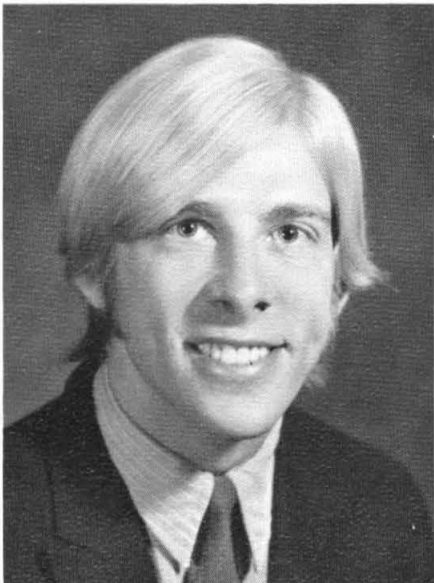
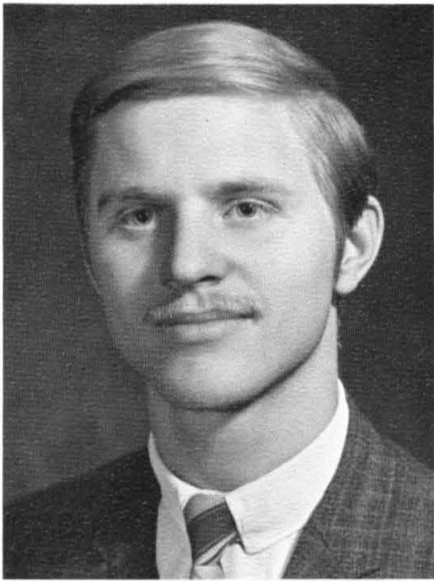
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CARL PAUL KAUFMAN
BROOKLYN, NEW YORK
RICKETTS

AY





ARTHUR EDWIN KREYMER
BREMERTON, WASHINGTON
BLACKER

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TERRY HALL LAGRONE
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CULVER CITY, CALIFORNIA
OFF CAMPUS

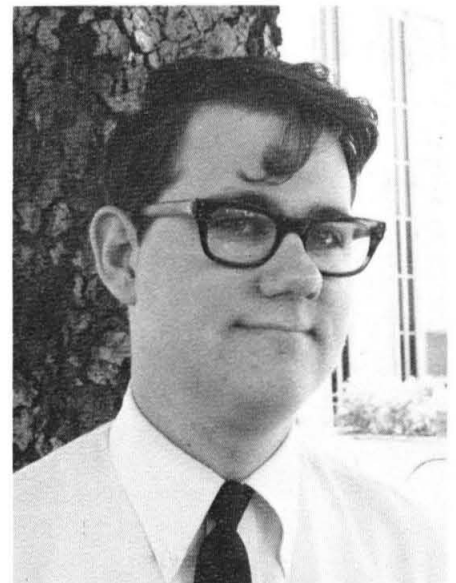
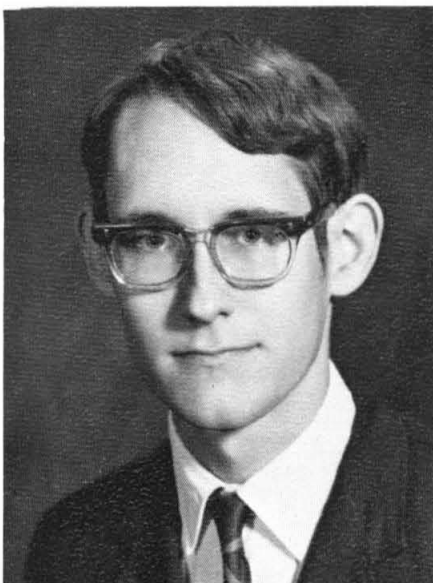
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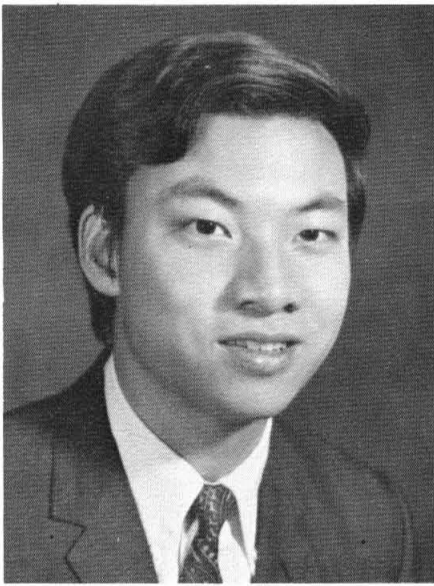
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ANDREW KOFFMAN
SOUTH PASADENA, CALIFORNIA
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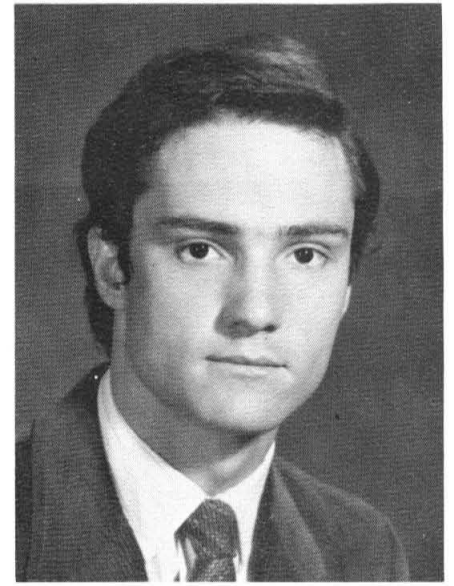
CHEONG FAI LAI
HONG KONG
PAGE

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CLEMENT WING HONG LAM
HONG KONG
LLOYD

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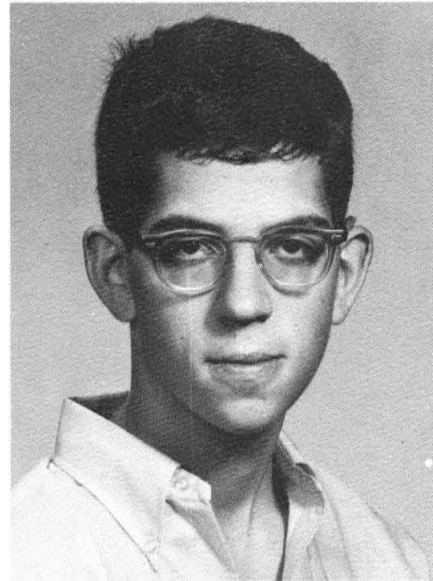
MICHEL PAUL LAURENT
NAUCALPAN, MEXICO
LLOYD

CH



MICHAEL ANTHONY LAMANNA
ALBANY, NEW YORK
RICKETTS

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ALAN STUART LEDERMAN
NEW YORK, NEW YORK
RICKETTS

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KOWLOON, HONG KONG
OFF CAMPUS

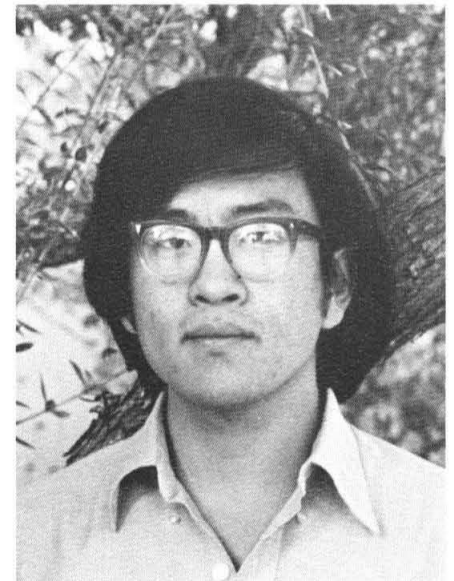
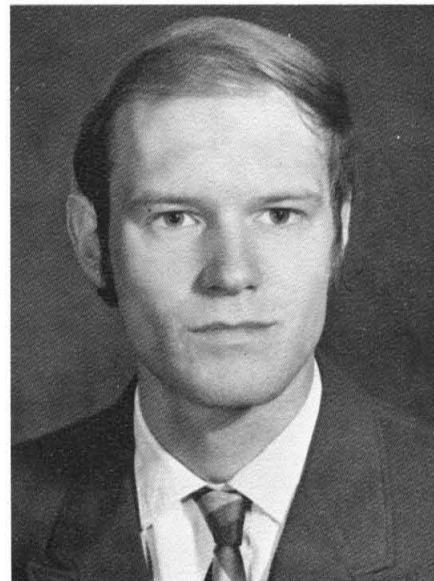
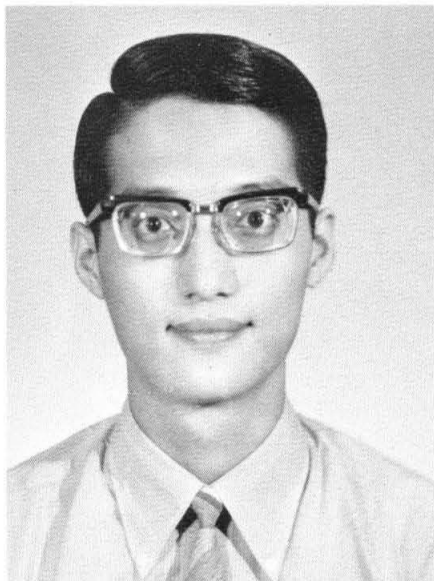
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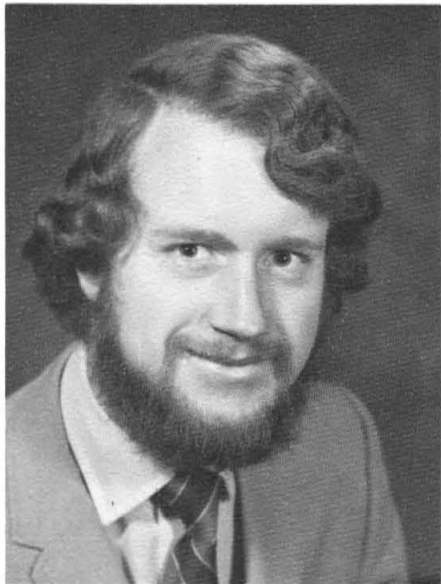
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HINSDALE, ILLINOIS
RUDDOCK

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ELWYN YUAN LOH
BLACKSBURG, VIRGINIA
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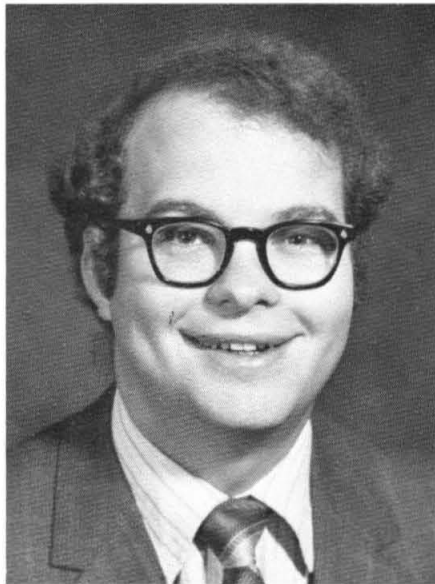
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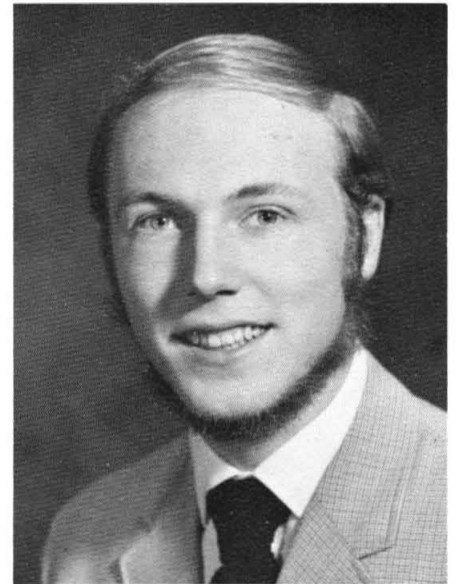
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BRADLEY, ILLINOIS
FLEMING

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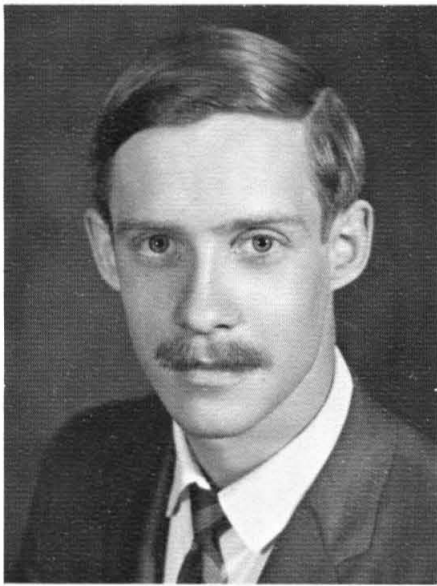
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OFF CAMPUS

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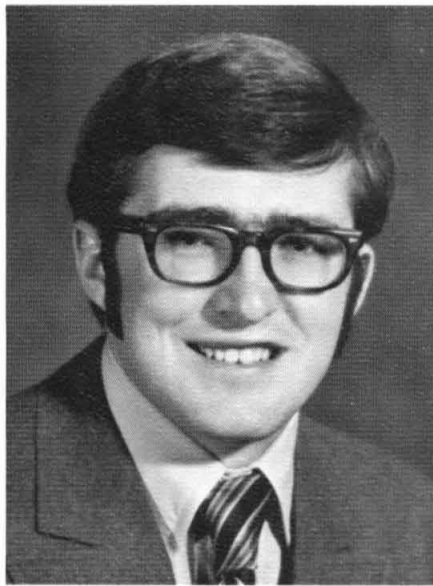
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FEDERAL WAY, WASHINGTON
DABNEY

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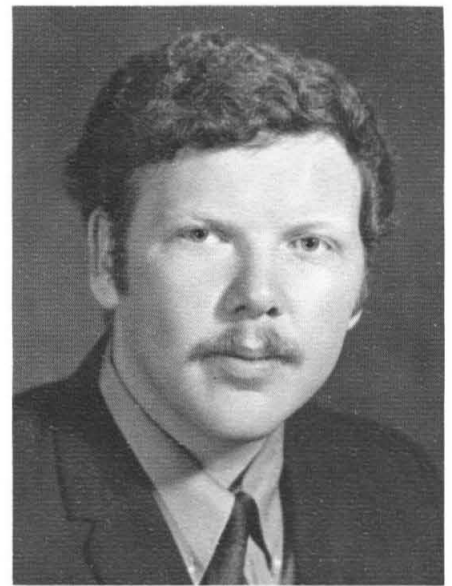
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PULLMAN, WASHINGTON
BLACKER

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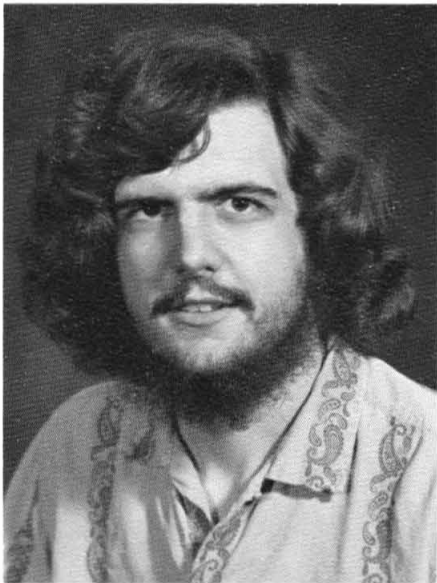
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RHINEBACK, NEW YORK
RICKETTS

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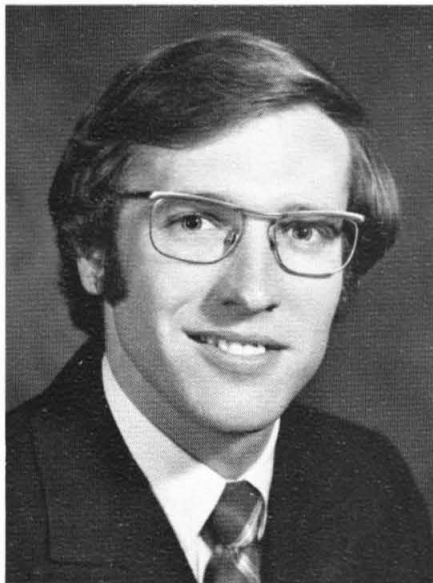
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LOS ANGELES, CALIFORNIA
BLACKER

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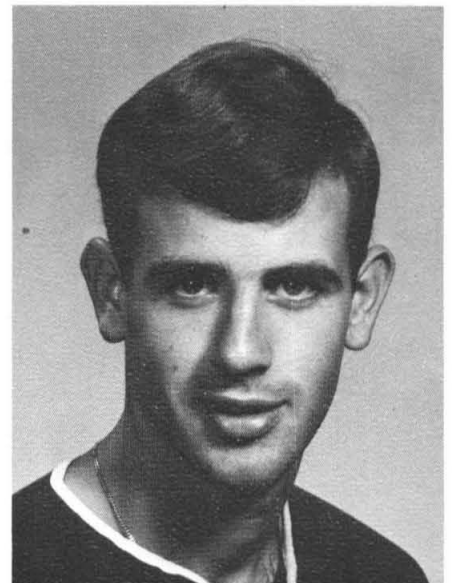
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ALBUQUERQUE, NEW MEXICO
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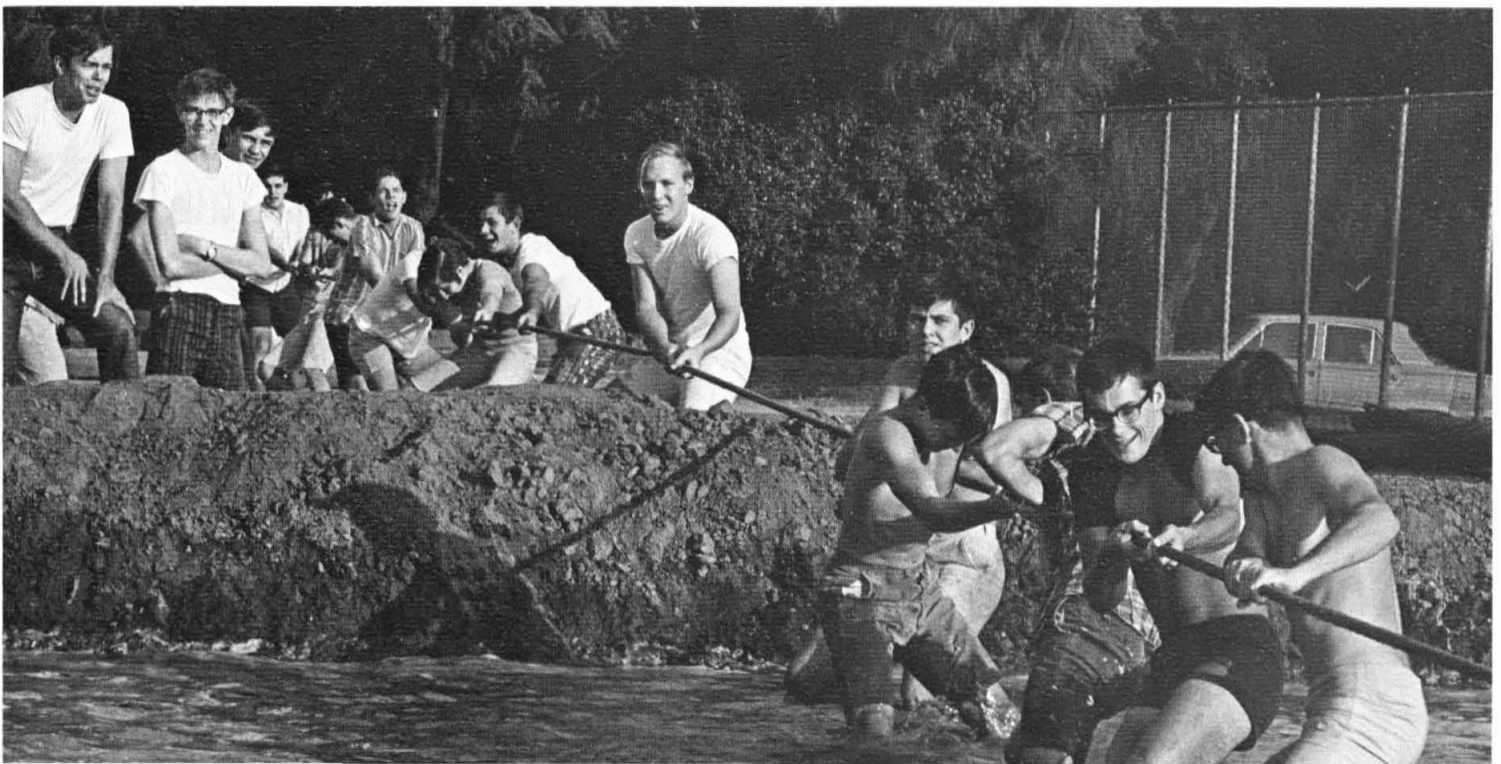
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PASADENA, CALIFORNIA
OFF CAMPUS

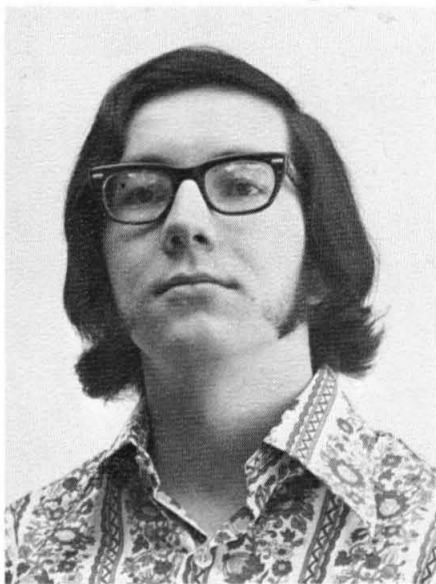
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PHILIP GLENNON MORGAN
COOS BAY, OREGON
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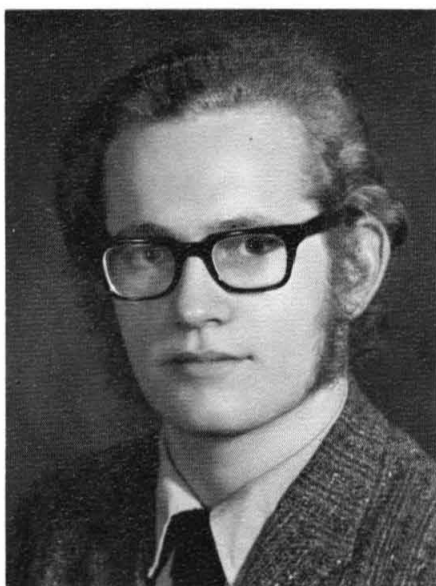
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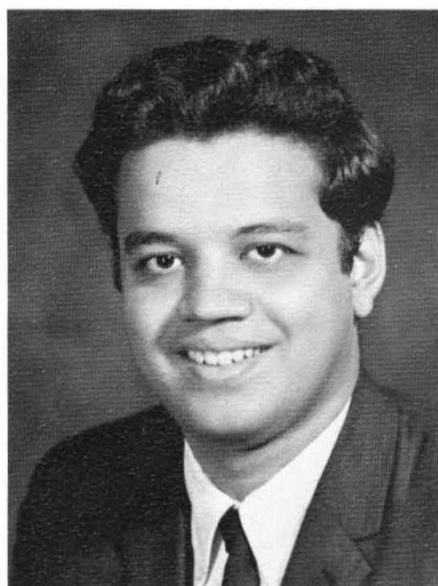
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LONG BEACH, CALIFORNIA
FLEMING

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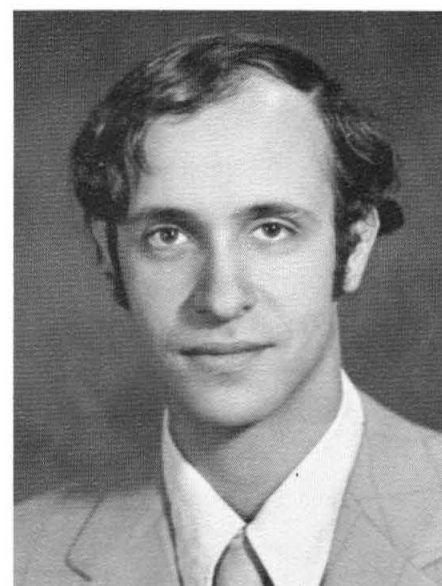
WESLEY ELWOOD MUNSIL
PHOENIX, ARIZONA
RUDDOCK

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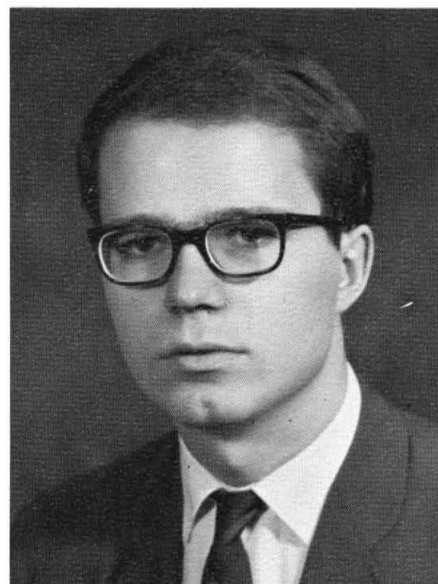
VASANT ASHOKE NANAVATI
BOMBAY, INDIA
RICKETTS

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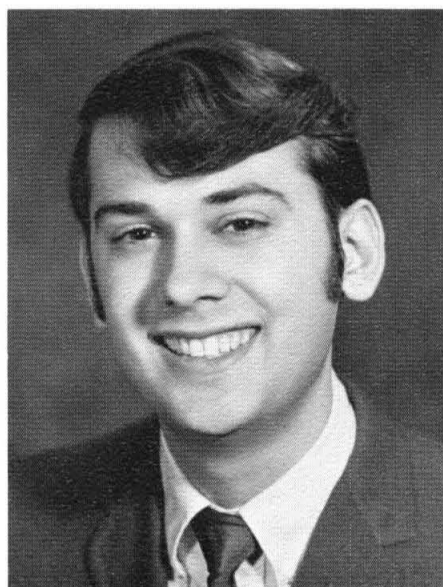
MARK JEFFREY NOBLE
ROSLYN, NEW YORK
LLOYD

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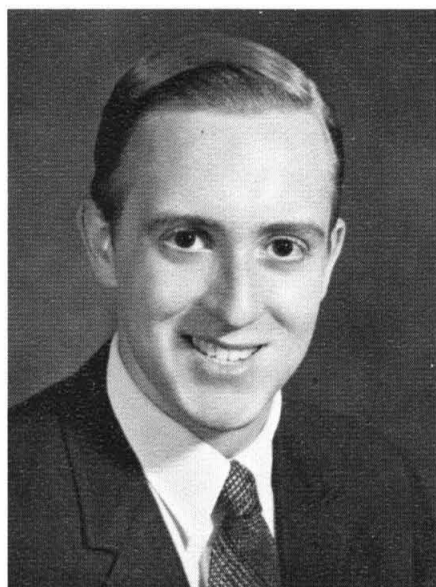
ANDREW MICHAEL ODLYZKO
BUFFALO, NEW YORK
RUDDOCK

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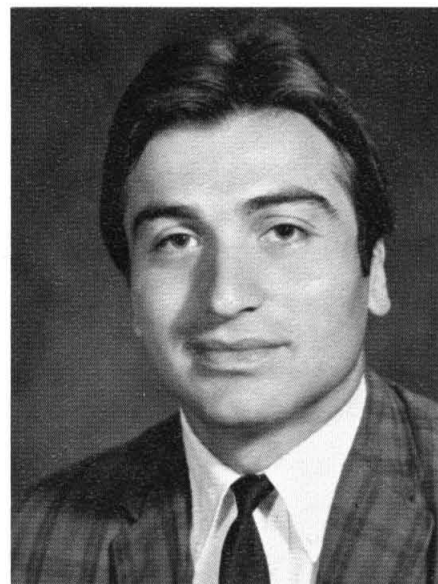
ROBERT WILLIAM OFFERMANN
STOCKTON, CALIFORNIA
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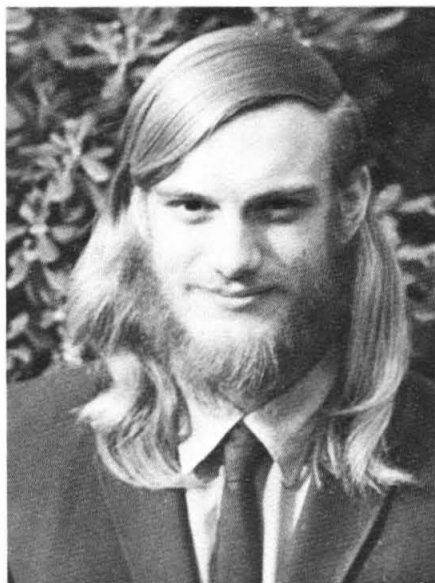
TERRENCE JAY O'NEIL
NOVATO, CALIFORNIA
RUDDOCK

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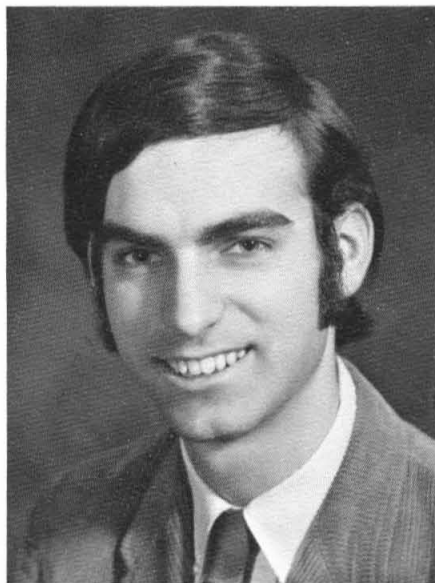
AHMET OZKUL
ESKISEHIR, TURKEY
DABNEY

ME



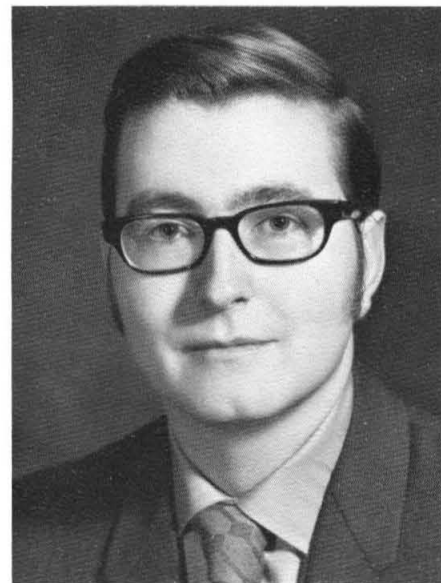
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RUDDOCK

GE



ALAN BRUCE PETERSEN
PIEDMONT, CALIFORNIA
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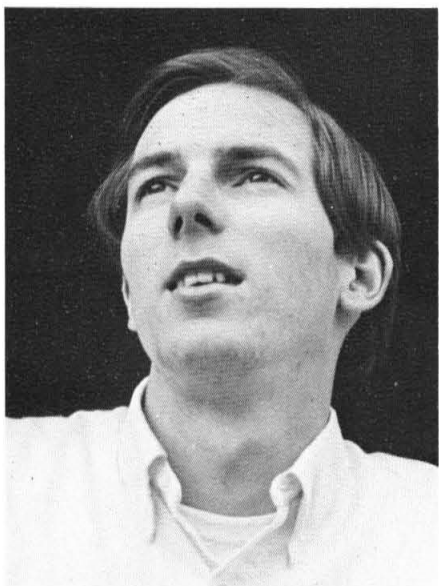
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DABNEY

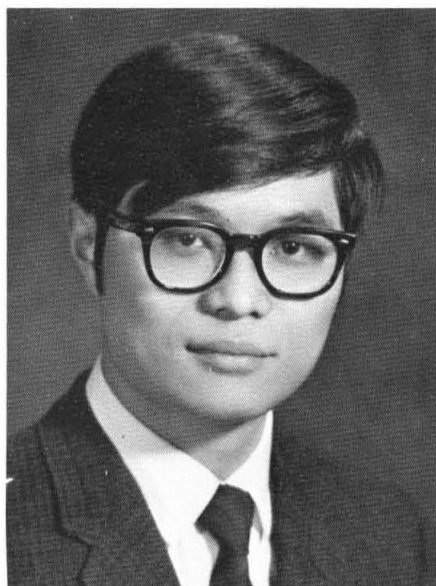
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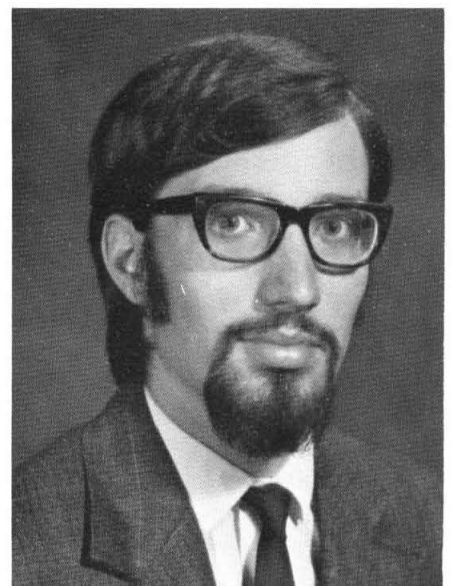
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HULL, MASSACHUSETTS
RICKETTS

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RAYMOND PONG
OAKLAND, CALIFORNIA
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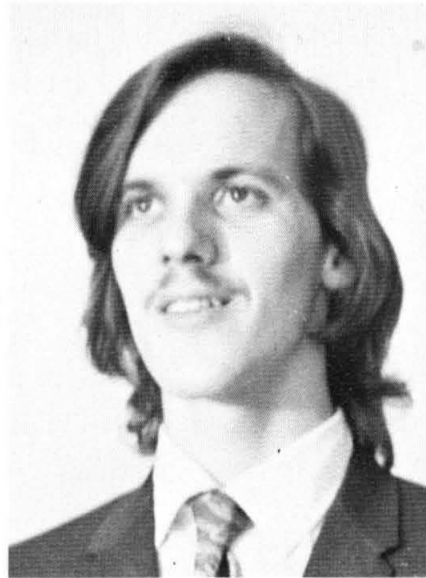


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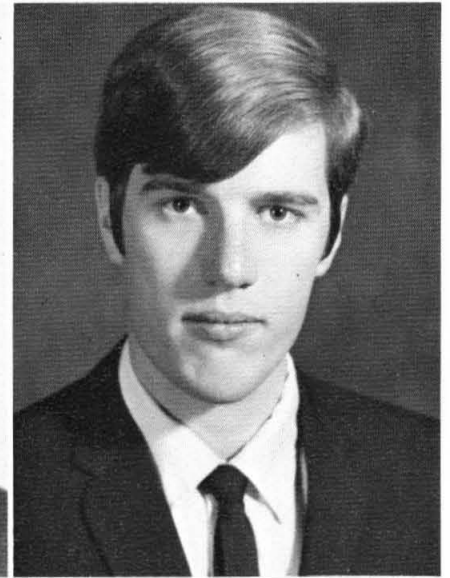
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MA



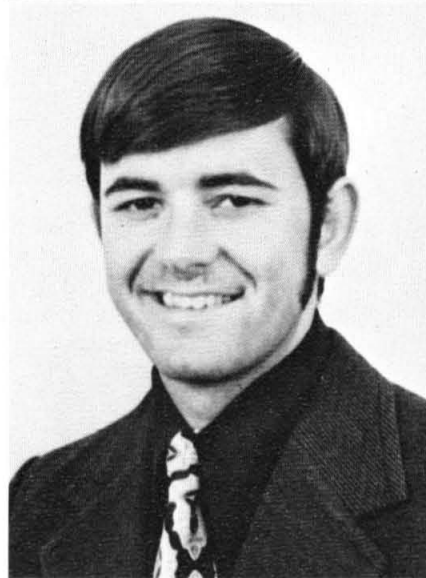
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LLOYD

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ARNOLD WAYNE RICHARDS
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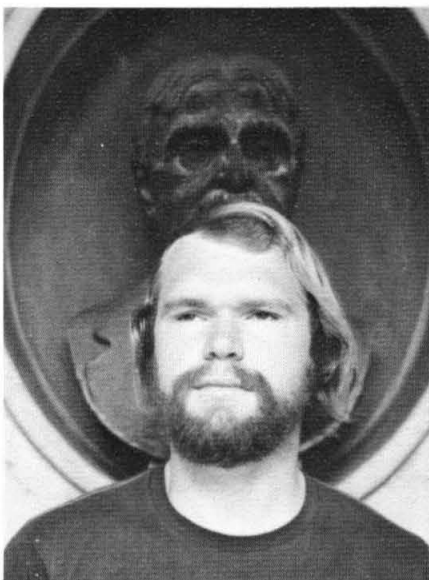
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ROCKVILLE, MARYLAND
RUDDOCK

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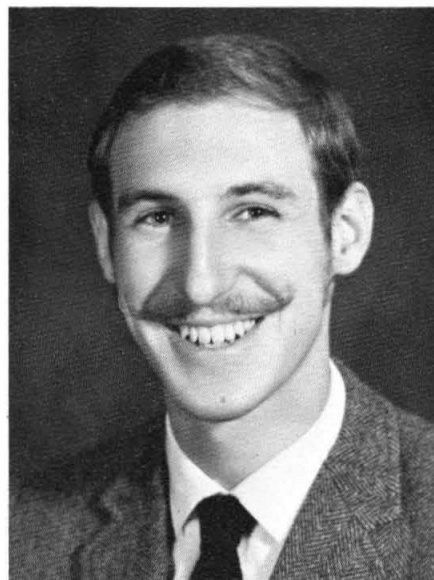
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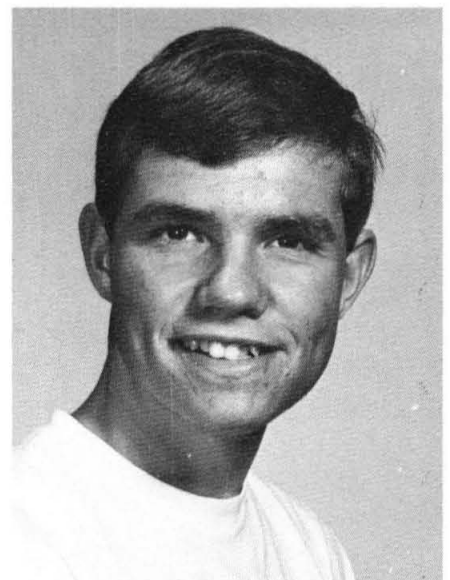
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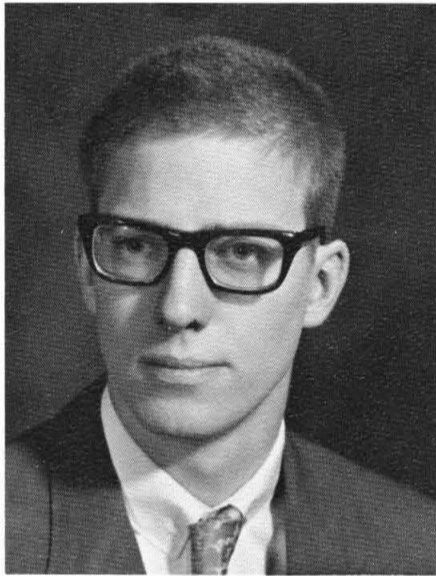
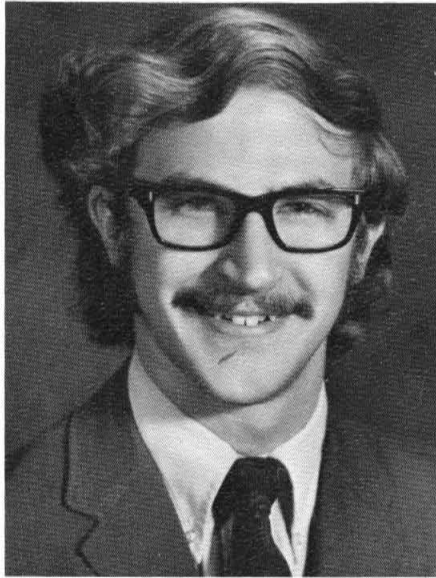
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ERIC ALLAN SCHIFF
LOS ANGELES, CALIFORNIA
BLACKER

PH-EN





CAMERON J. SCHLEHUBER
McPHERSON, KANSAS
RICKETTS

BI

RICHARD JOSEPH SCHWALL
NORTHBROOK, ILLINOIS
LLOYD

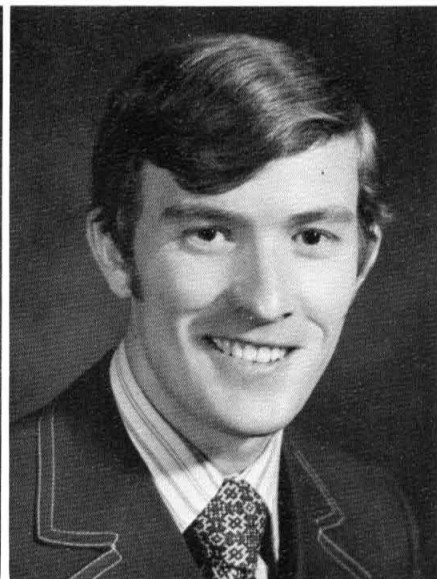
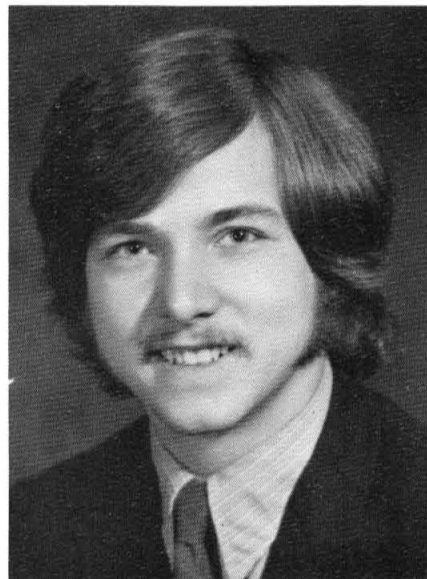
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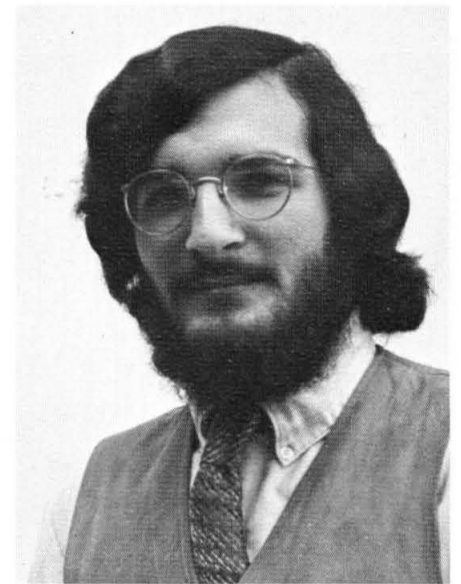
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ENG

STEVEN LEE SHULER
LANCASTER, CALIFORNIA
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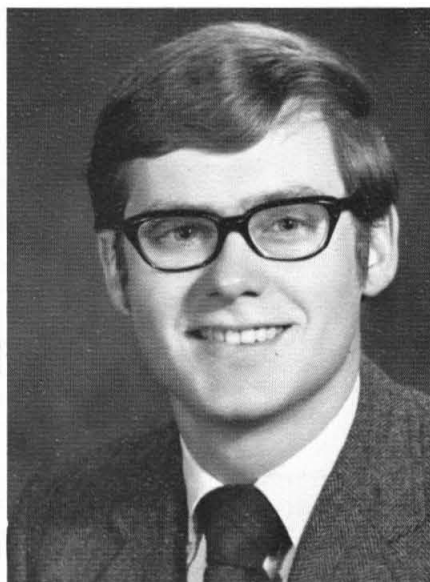
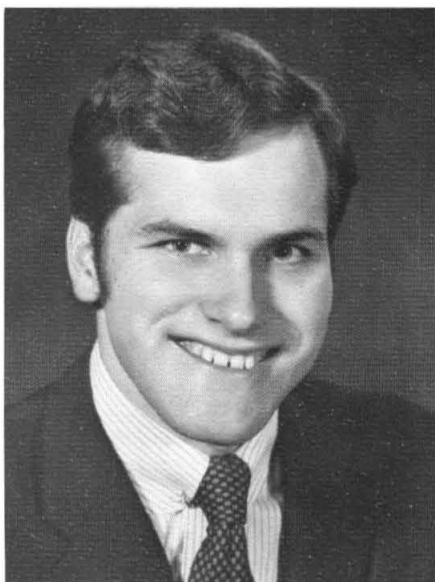
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DONALD LAWRENCE SMITH
ANNANDALE, VIRGINIA
FLEMING

ENG

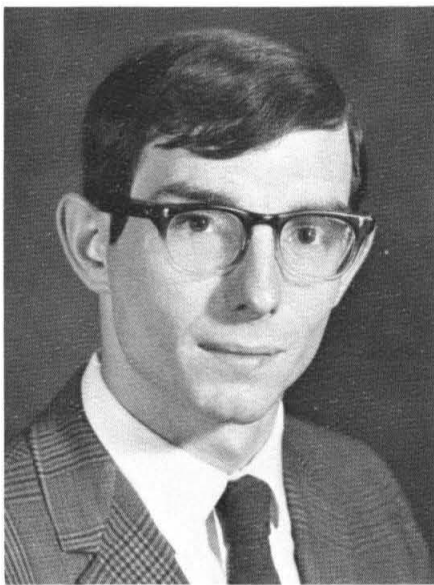


STEPHEN LAWRENCE SMITH
MINNEAPOLIS, MINNESOTA
RUDDOCK

MA

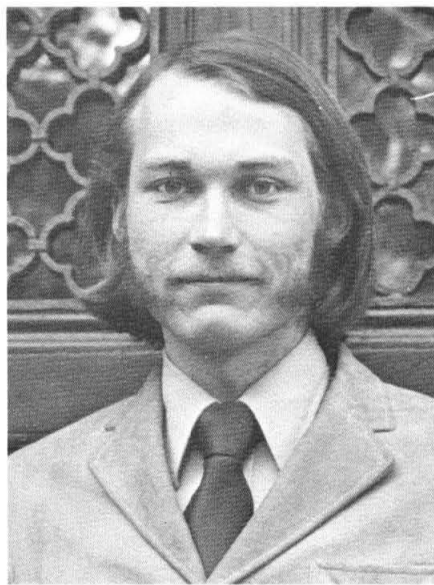
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FREEPORT, NEW YORK
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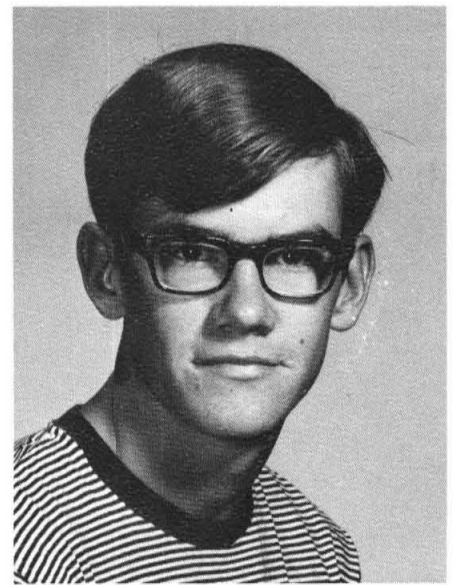
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BARRINGTON, ILLINOIS
RUDDOCK

PH



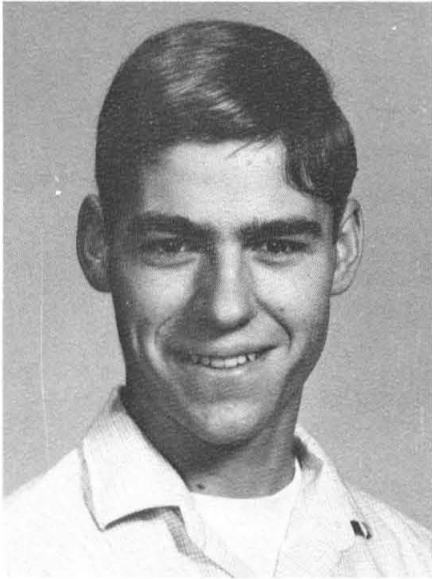
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FLEMING

PH



HOWARD CLINTON TYLER
DES PLAINES, ILLINOIS
RUDDOCK

ENG

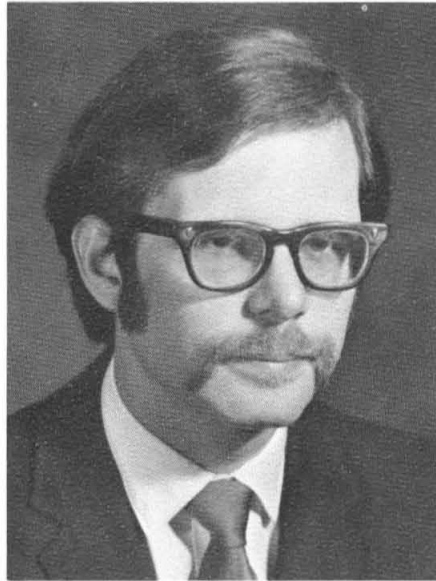
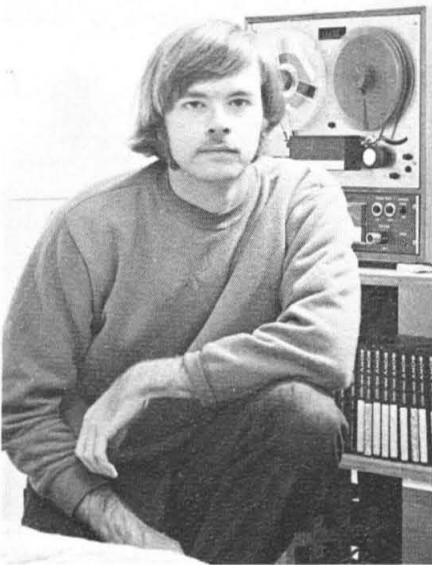


ARMAND RENE TANQUAY, JR.
PASADENA, CALIFORNIA
LLOYD

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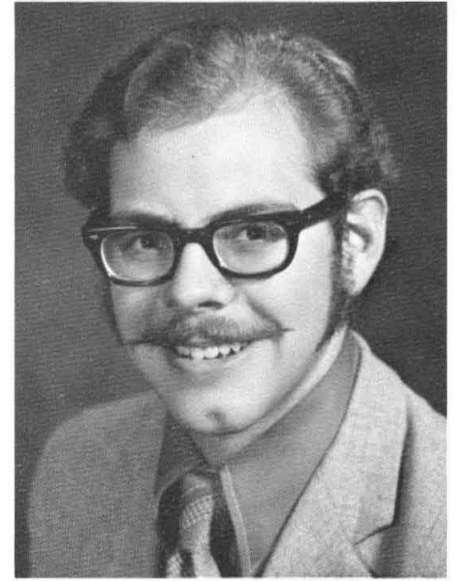
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JUNCTION CITY, KANSAS
FLEMING

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TIMOTHY JEROME TARDIFF
OLYMPIA, WASHINGTON
RUDDOCK

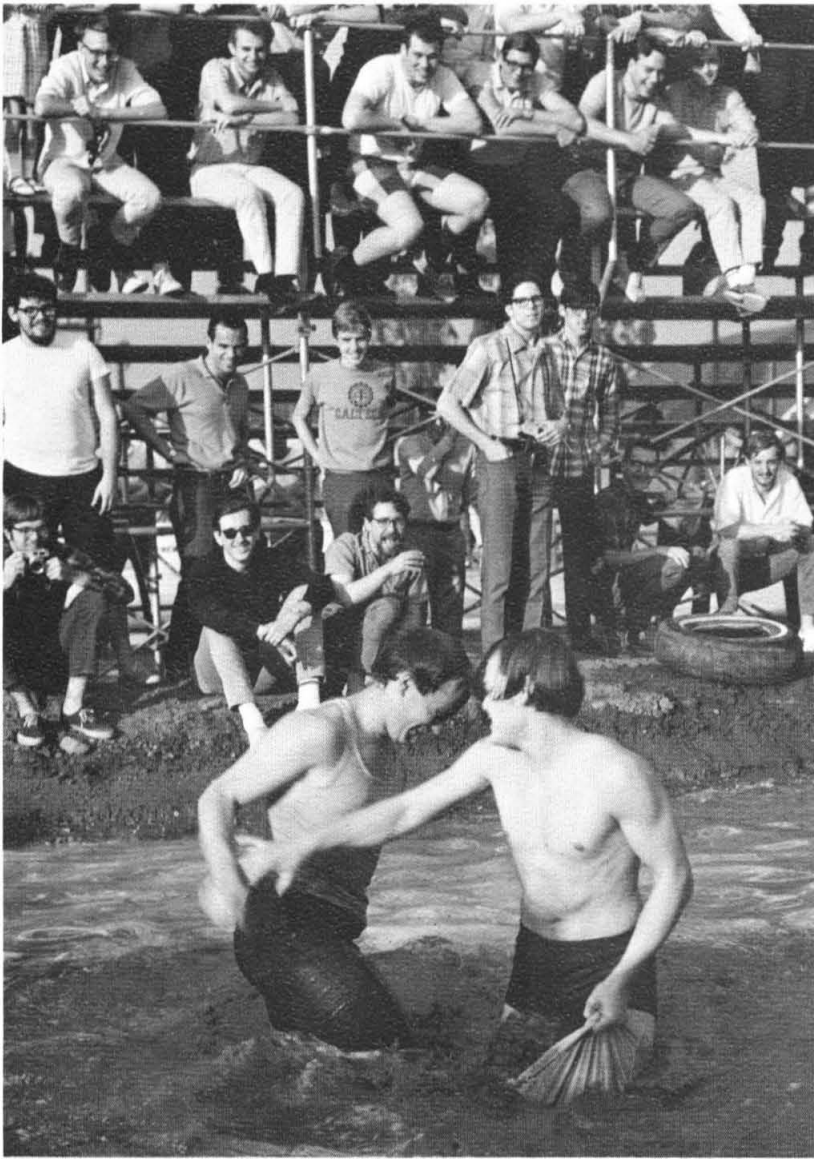
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DUNCAN PAUL TAYLOR
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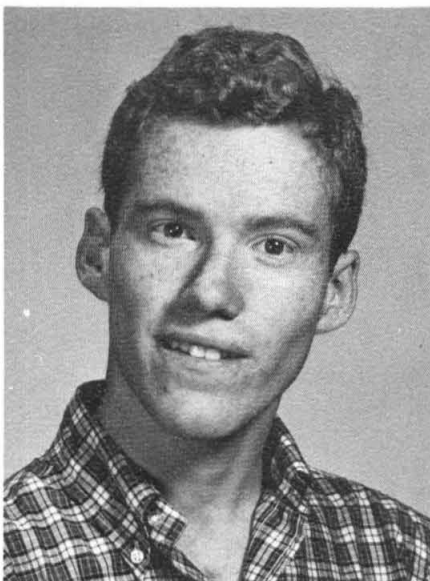
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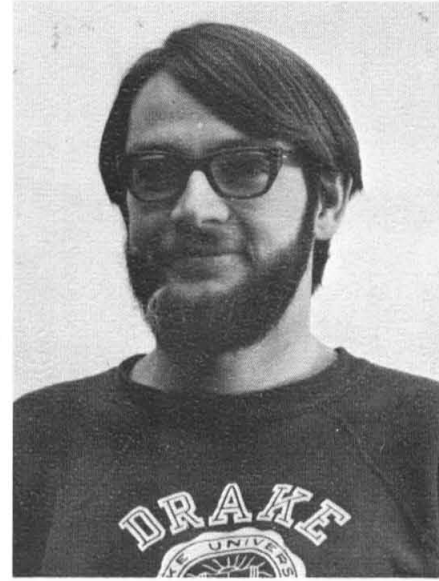
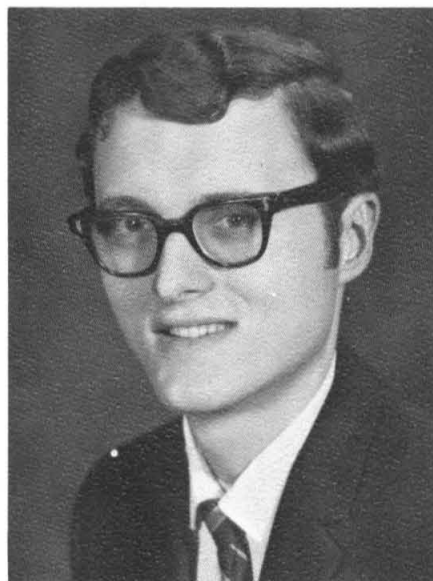
PETER L. TOMPKINS
MALIBU, CALIFORNIA
BLACKER

ENG



KENNETH PAUL TRABOLD
LONG BEACH, CALIFORNIA
LLOYD

CH



JOSEPH LESLIE TEMPLETON
KNOXVILLE, IOWA
FLEMING

CH

RANDOLPH STACEY TULER
MARINA DEL REY, CALIFORNIA
RICKETTS

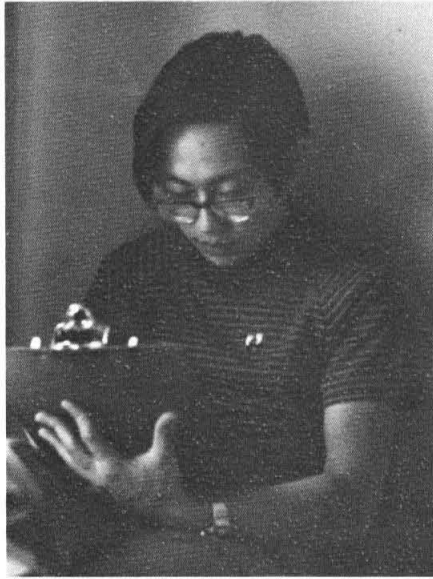
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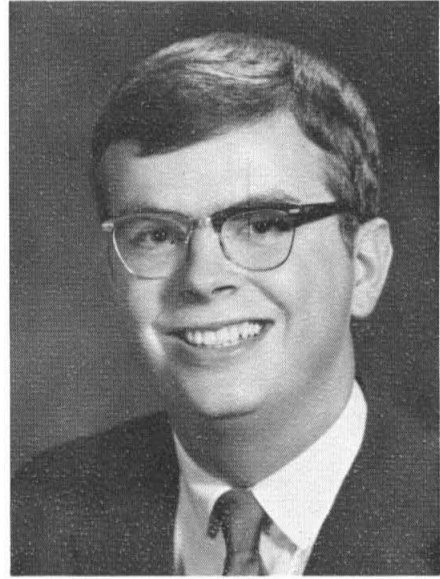
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DABNEY

PH-EN



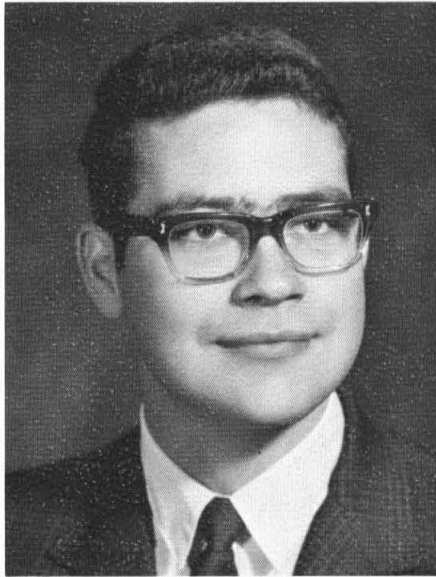
JOHN WESLEY STEINHAUSER
CLARKSVILLE, TENNESSEE
DABNEY

MA



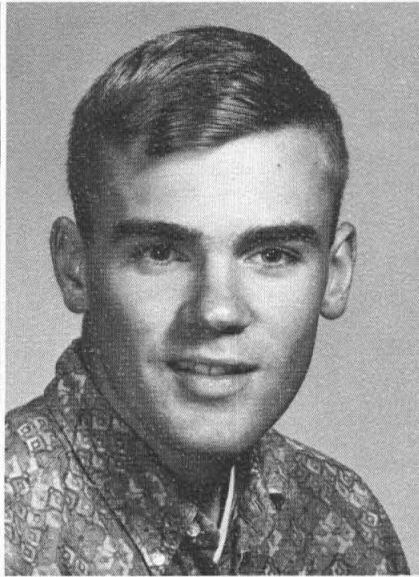
GREGORY RANDALL STEWART
LA CRESCENTA, CALIFORNIA
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ALAN DOUGLAS STRICKLAND
ANDREWS, TEXAS
RUDDOCK

CH



RONALD JON SWANSON
POULSBO, WASHINGTON
LLOYD

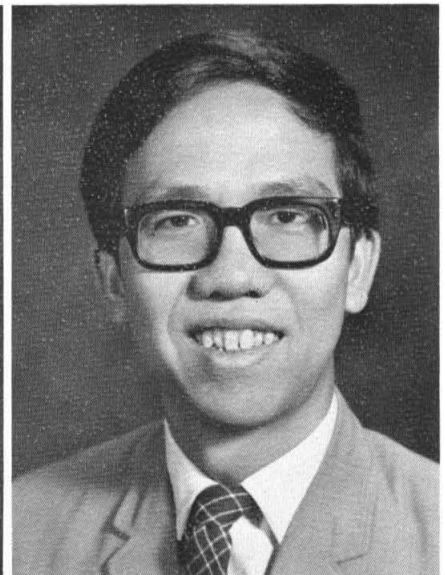
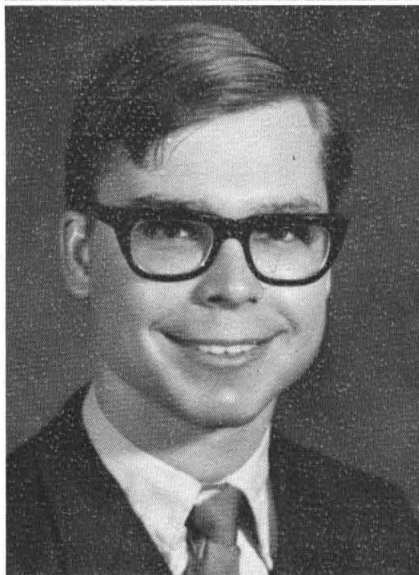
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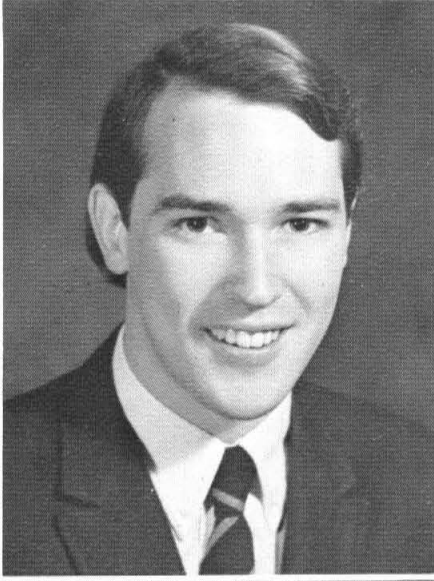
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RUDDOCK

BI-ENG

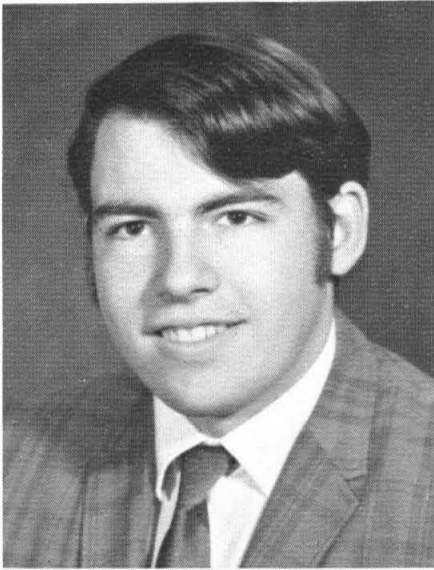
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HONG KONG
OFF CAMPUS

PH

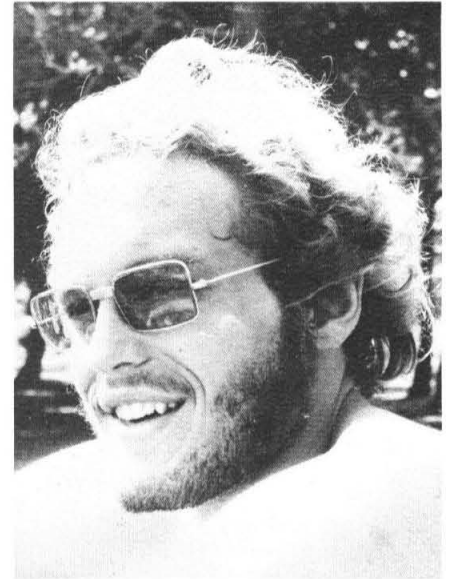




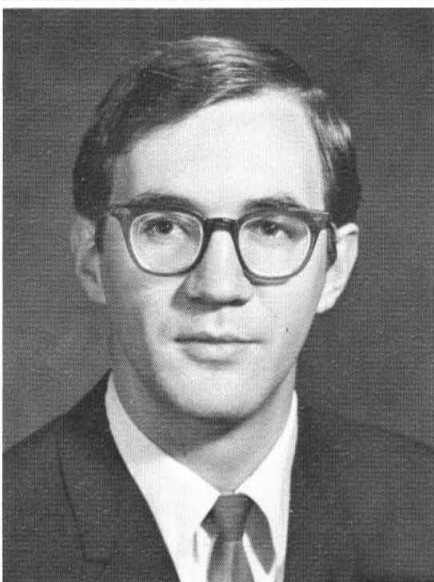
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BURBANK, CALIFORNIA
PAGE EC-ENG



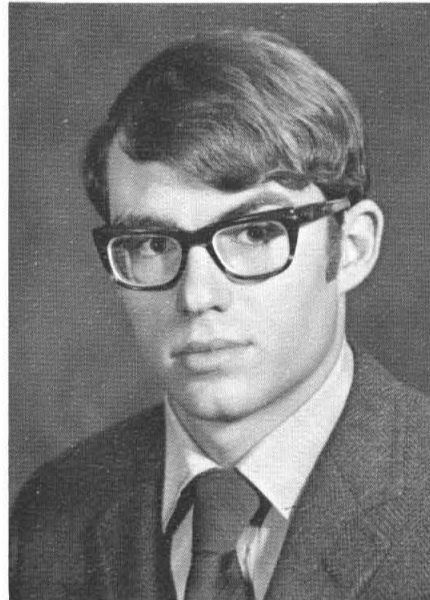
JOHN G. VICTOR
NORTHRIDGE, CALIFORNIA
LLOYD CHE



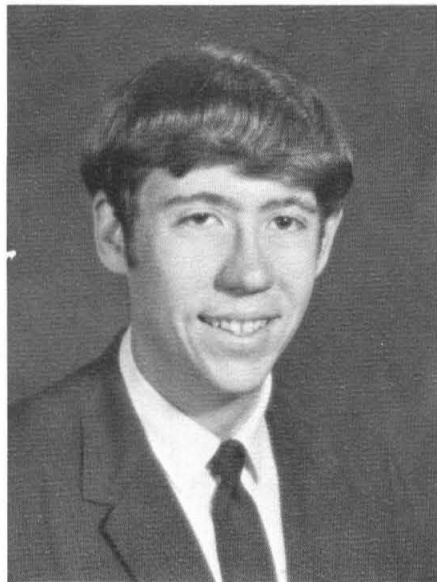
JOHN COULTON WAUGH
NEWBURGH, NEW YORK
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WILLIAM HENRY WAGGY
VACAVILLE, CALIFORNIA
RICKETTS ENG

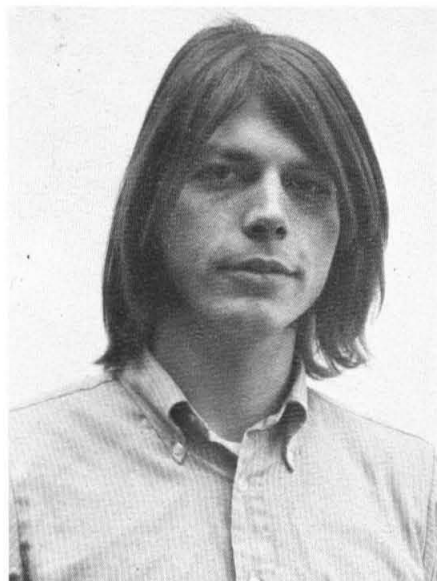


LARRY EUGENE WATKINS
INDIANAPOLIS, INDIANA
RICKETTS PH



THOMAS ALLAN WEAVER
ROCKVILLE, MARYLAND
BLACKER

PH



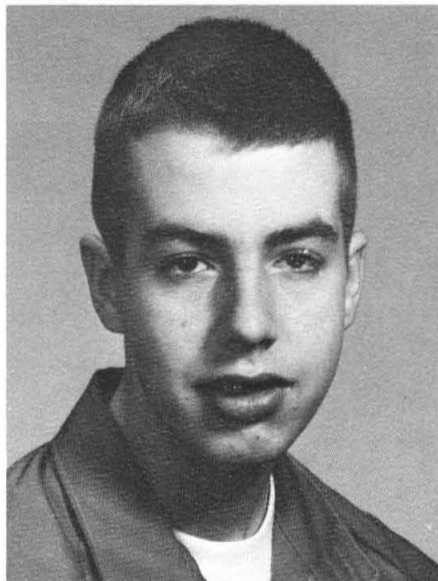
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SCHENECTADY, NEW YORK
FLEMING

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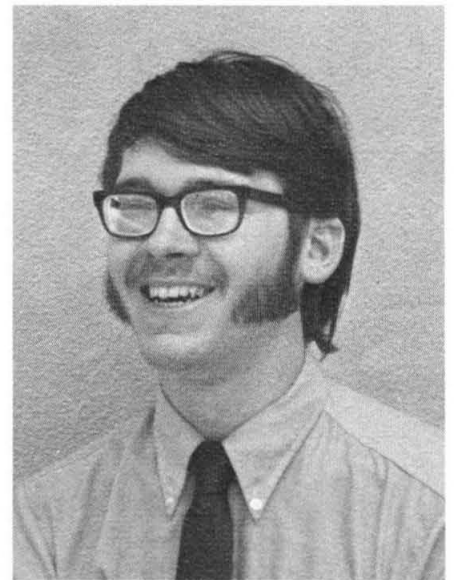
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MUSKEGO, WISCONSIN
FLEMING

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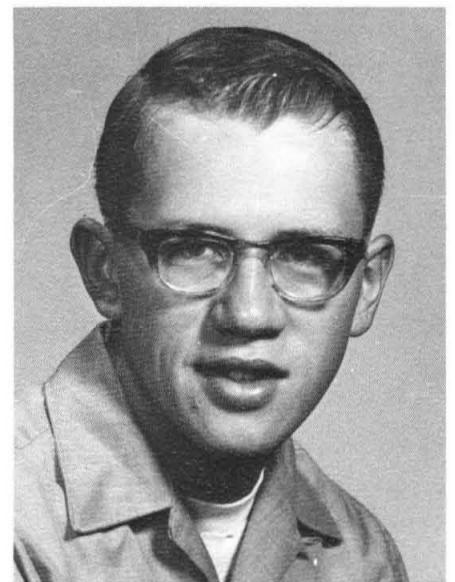
RICHARD REID WILLIS
PALOS VERDES, CALIFORNIA
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LARRY ALAN WESTERMAN
BUTLER, PENNSYLVANIA
BLACKER

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DOUGLAS ALAN WOOD
BELLEVUE, WASHINGTON
BLACKER

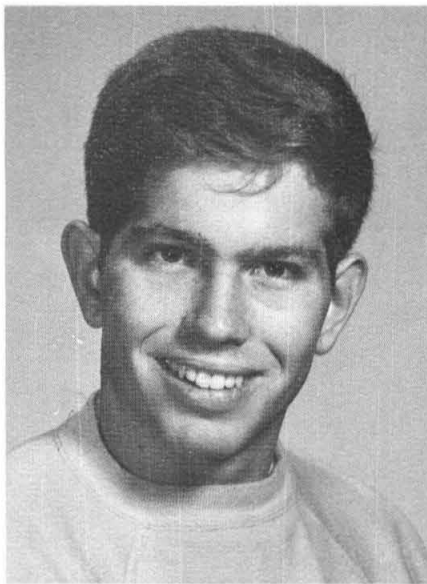
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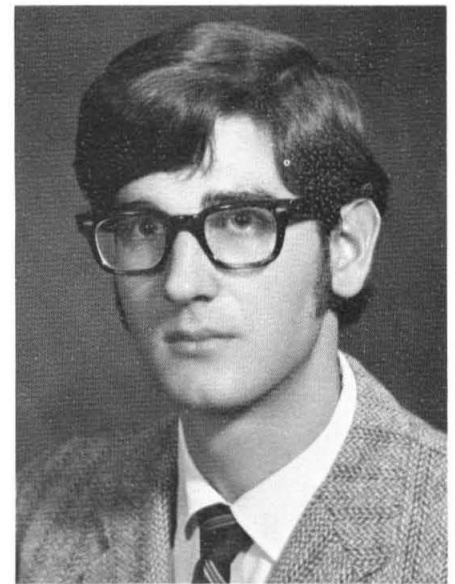
BRUCE RICHARD WRIGHT
SAN GABRIEL, CALIFORNIA
PAGE

ENG



AVI WROBEL
PASADENA, CALIFORNIA
LLOYD

ENG



LAWRENCE RENWICK YOUNG
HANOVER, NEW HAMPSHIRE
PAGE

PH

NOT PICTURED

THEAGENIS JOHN ABATZOGLOU
ATHENS, GREECE
LLOYD

MA

JOHN BERNARD BATCHELDER, JR.
FORT LAUDERDALE, FLORIDA
OFF CAMPUS

CH

MICHAEL DEAN BRENNAN
SEATTLE, WASHINGTON
OFF CAMPUS

ENG

PAUL CRAIG ENGELKING
SANTA MONICA, CALIFORNIA
OFF CAMPUS

PH-CH

JACK LAWRENCE FALK
NORWALK, CONNECTICUT
OFF CAMPUS

BI

JAMES IRWIN GARRELS
DANVILLE, IOWA
PAGE

PH-BI

MARTIN DOUGLAS GRAY
STOUGHTON, MASSACHUSETTS
FLEMING

ENG

RUSSELL LYLE HALSTED
PORTLAND, OREGON
OFF CAMPUS

MA

SHERIDAN WILSON HAMMONS
ANAHEIM, CALIFORNIA
OFF CAMPUS

ENG

RICHARD DICKERSON HARLEY
MARION, INDIANA
OFF CAMPUS

ENG

ANDREW HIN YEUNG LO
KOWLOON, HONG KONG
RICKETTS

PH

METIN SULEYMAN MANGIR
KAVAKLIDERE-ANKARA, TURKEY
DABNEY

ENG

JOHN PATRICK MESSMER
SAN FRANCISCO, CALIFORNIA
LLOYD

ENG

DREW FARREL MILES
NORTHRIDGE, CALIFORNIA
OFF CAMPUS

PH

STEVEN CHARLES OFFEN
WALNUT CREEK, CALIFORNIA
LLOYD

ENG

RICHARD I. PELLETIER
SOMERVILLE, MASSACHUSETTS
OFF CAMPUS

MA

PAUL DAVID REYNOLDS
WHITTIER, CALIFORNIA
OFF CAMPUS

PH

JACK ARTHUR STONE, JR.
EVANSVILLE, INDIANA
OFF CAMPUS

PH

PIERRE SUNDBORG
SEATTLE, WASHINGTON
OFF CAMPUS

GE

ARVIND VIRMANI
NEW DELHI, INDIA
LLOYD

ENG

PAUL THEODORE WEGENER
PASADENA, CALIFORNIA
OFF CAMPUS

ENG

GREGORY LOU WHITTEN
RED BLUFF, CALIFORNIA
PAGE

ENG



APPROXIMATELY ONE-THIRD OF EVERY FROSH CLASS . . .

JOE BAHNEMAN
 BRUCE BRITTON
 JONAS BUTKUS
 THOMAS CARLSON
 THOMAS CARROLL
 ALBERT CHRISTIANS
 JAMES COOPER
 ROBERT CURTIS
 JAMES DEPAUW
 CHARLES DE VOE
 JOHN DE VRIES
 PAUL DRESSENDORFER
 DOUGLAS FAY
 MICHAEL FELLAND
 TERRANCE FITZGERALD
 ROBERT FLAKE
 JAMES FREEMAN
 RONALD FRIEDLAND
 MARK GAPONOFF
 JAN GARMANY
 ALLAN HALL
 BRUCE HORN
 RONNIE HOSPELHORN
 MICHAEL HUTCHINSON

PHILIP ISSACS
 PHILIP JACKSON
 ROGER JENSEN
 ARTHUR JOHNSON
 WILLIAM JORDAN
 MICHAEL KELLMAN
 WILFRED KITTLER
 ALBERT KOEHLER
 RAMON KROSLEY
 ROBERT LAND
 THOMAS LARSEN
 LANCE LAWSON
 RICHARD LEDFORD
 JOHN LEWIS
 TREVOR LEWIS
 PHILIP LOWRY
 DAVID MADSEN
 RICHARD MAUST
 PHILIP McCLURE
 MICHAEL McDONALD
 CHARLES NOLAND
 DENNIS NOMER
 MICHAEL PINNEO
 HARVEY RISCH

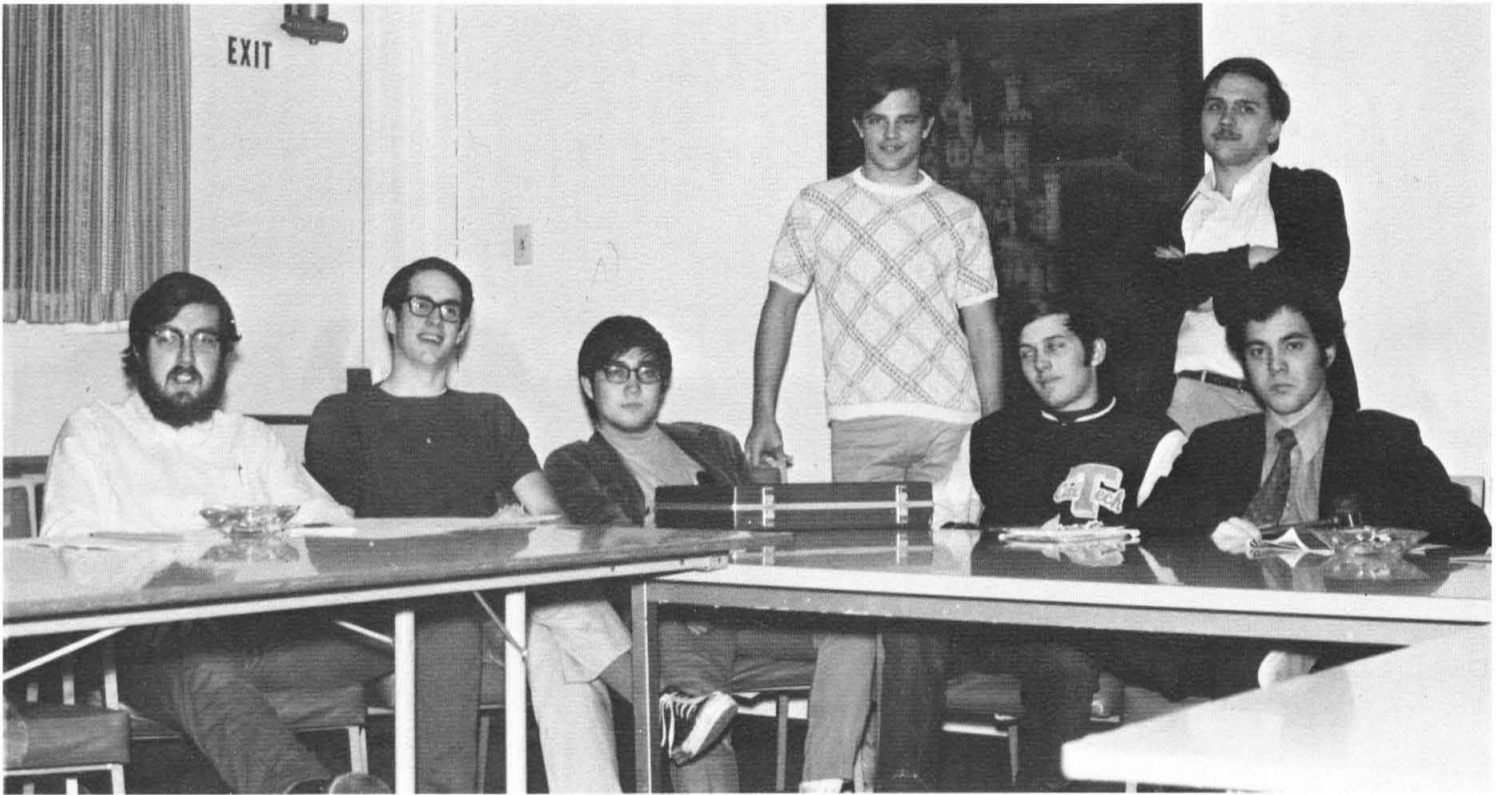
WILMER RIVERS
 DAVID ROBERTS
 WILLIAM ROSE
 GARY RUBY
 DAVID RUHOFF
 ROBERT SELLENT
 ARTHUR SELLY
 DAVID SHOULDERS
 JEFFREY SICHERMAN
 PATRICK SILVERTHORNE
 MARTIN SMITH
 NICHOLAS SMITH
 JOHN STAPLES
 JOHN STUART
 PAUL STUDENSKI
 GREGORY TAYLOR
 HOLLEY TAYLOR
 FRANK TERUGGI
 ROGER WEAVER
 DONALD WEINER
 RANDALL WILLIAMS
 RICHARD WOODS
 FRANK ZDYBEL
 JAMES ZIKRATCH





ACTIVITIES

ASCIT BOARD OF DIRECTORS



Voting members, left to right: Ben Barker, Secretary; Doug Duncan, Director-at-Large; Alex Seita, Director of Student Life; Greg Sharp, Director-at-Large; Don Smith, Interhouse Committee Chairman; Leo Guibas, Vice-President; Bob Fisher, President. Not Shown; Phil Morgan, Director for Academic Affairs; Terry LaGrone, Treasurer.

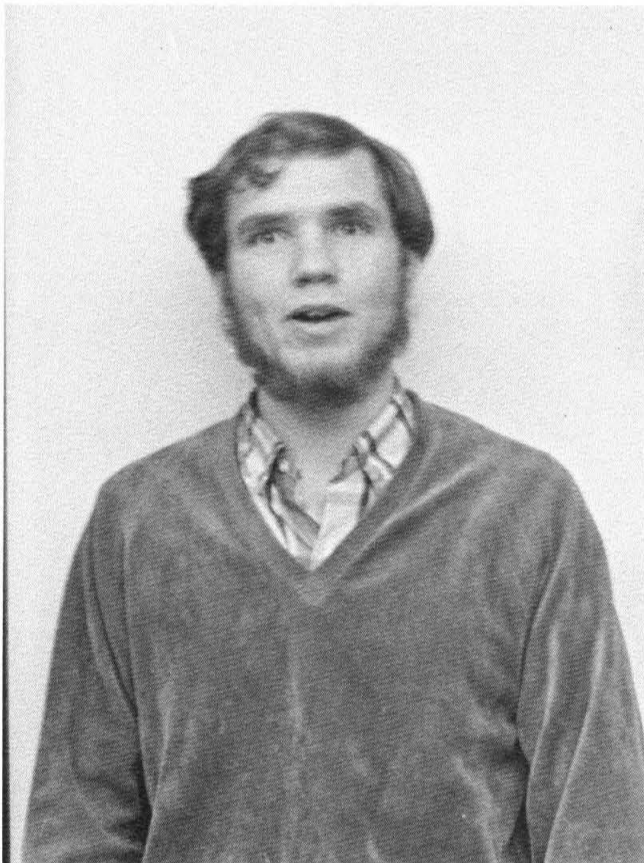


Non-voting members, left to right: Carl Imperato, Activities Chairman; Ron Horn and Max Kay, Athletic Managers; Craig Broskow, Social Chairman.

INTERHOUSE COMMITTEE



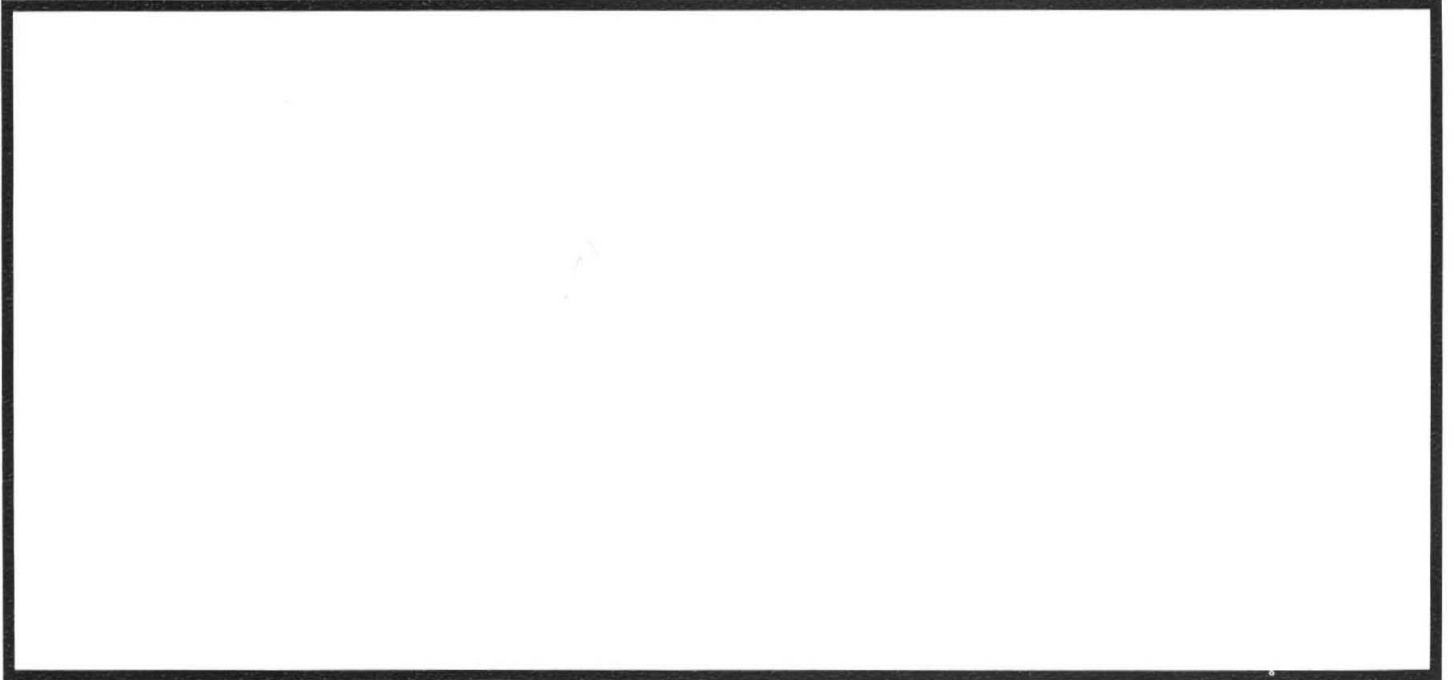
Seated: Mike Lamanna, Ricketts; Lee Sparling, Page; Don Smith, IHC Chairman; Joe Templeton, Fleming. Standing: Rick Ashley, Dabney; Bob Shelby, IHC Secretary; Gary Adamson, Lloyd; Bruce Penrose, Ruddock; Eric Schiff, Blacker.



The Interhouse Committee, composed of the seven house presidents, an elected chairman, and an appointed secretary, is the student body group that has the most direct influence on life in the student houses and that claims to be most representative of house members. This year the IHC dealt with the major problems of rotation and drug use and handled the transition to coed life. Aside from imposing fines on late members, the group spent most of the rest of the time in appointing students to faculty committees and coordinating house and campus functions. These tasks took their toll, however, and the IHC members wound up too apathetic to go to their own going-out-of-office party. It should also be remembered that this was not the IHC that screwed Page in Interhouse sports.

"A \$5 fine for being late to the IHC picture?!"

BOARD OF CONTROL



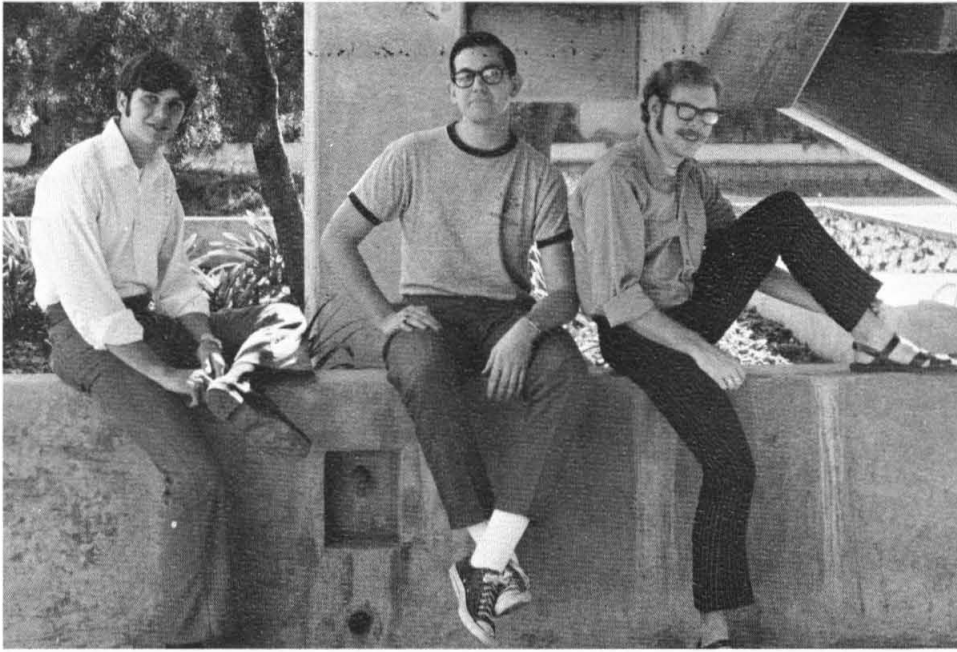
Left to right: B. Litow, R. McDuff, K. Dahman, M. Schiler, D. Green, L. Guibas, P. Isaacs, G. Rubenstein, R. Graham. Not shown: P. Morgan.

ASCIT EXCOMM



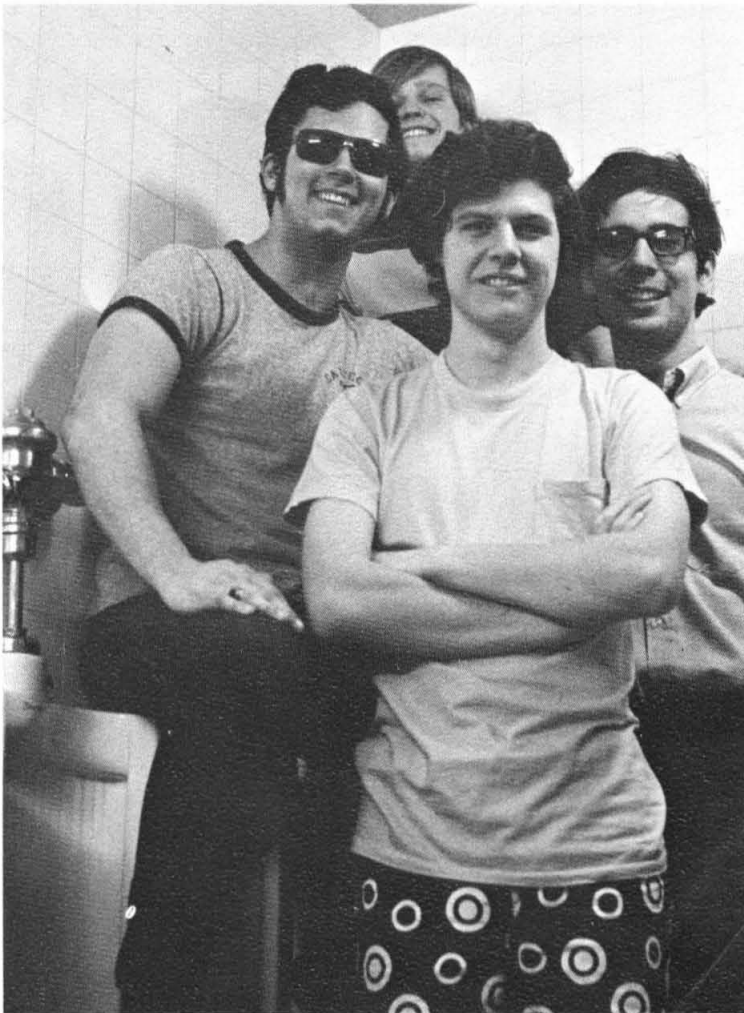
Left to right: P. Davis, J. Schroeter, G. Nicolaidis, B. Tucker, S. Whitcomb, B. Reznick, A. Seita. Not shown: D. Collier.

CLASS OFFICERS



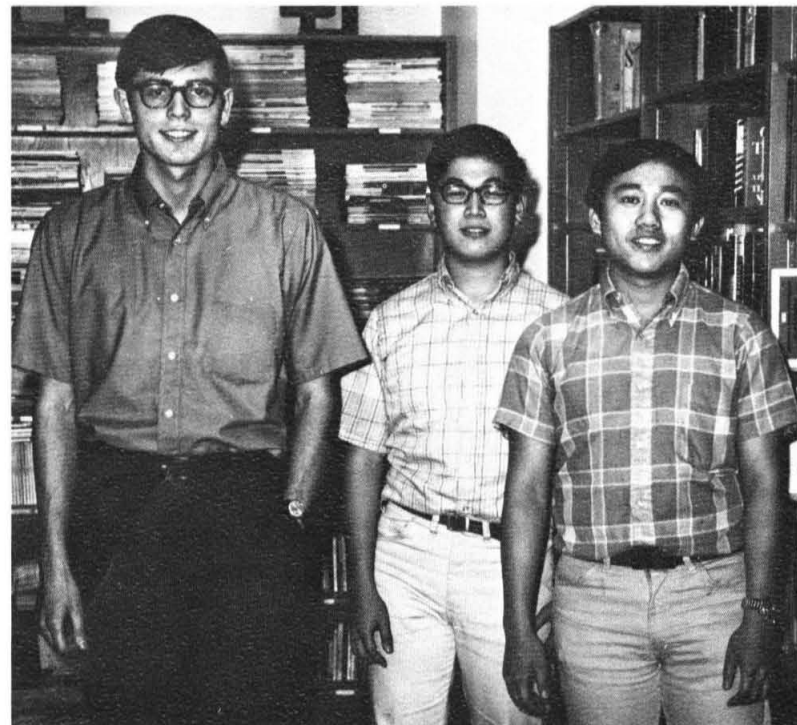
CLASS OF 1971

Left to right: Don Smith, President; Bruce Wright, Secretary; Duncan Taylor, Vice-President. Not shown: Dave Dixon, Treasurer.



CLASS OF 1973

Left to right: Craig Broskow, President; Steve Warling, Secretary; Herb Ward, Vice-President; Jay Siegal, Treasurer.



CLASS OF 1972

Left to right: Bob Dullien, President; Tom Matoi, Vice-President; Peter Chau, Secretary. Not shown: Dave Miller, Treasurer.

THE CALIFORNIA TECH

"Phil! I've got a live one for you!" Little did the unsuspecting frosh know what the future held for him as he entered the penultimate den of iniquity: the California Tech office.

An editor's first worry is the acquisition and retention of warm bodies. This gives the semblance of a staff and keeps white space from drowning the masthead and requires a massive input of froshpower.

That froshpower materialized in the form of Peter Beckman, who soon became known to readers for Beckman on Beckman and notorious within the office for transforming a mild-mannered college weekly newspaper into a full-fledged wine appreciation society. To put any residual doubts concerning his sanity to final rest, he displaced Moskatel from the editorial triumvirate at the end of second term. Hmm.

Further proof of the validity of froshpower came from a motley crew led by Philip Massey, who, to the amazement of the entire world, but mostly that of Dr. Huttenback, revived Totem, Kim Border, Circulation Manager with a vengeance (by the third week of his administration copies got out earlier Thursday mornings than any editor could awaken), John Tristano, token New Yorker, and Dave Peisner.

Entertainment Editor Nick Smith gleefully presided over the sources of graft & corruption, dispensing free records, movie tickets, and the like to worthy staffers. Additionally, he took politics under his Third Wing, with predictably predictable results.

John "Permafish" Fisher presided over a dwindling photo staff, consisting of Alan Stein ("Photo by Ctein") and . . . Through the deep of the night, and despite the best efforts of B&G to pickle the photo staff alive in the Publications Darkroom and Fume Breathing Closet, came prints to relieve the beleaguered staff of the necessity of writing another thousand words.

Insidious cartoons graced the pages of the Tech from time to time, courtesy of the poison pen of Terry O'Neill, widely known as TJO.

All of the madness came under the watchful (if not sleepy) eyes of editors-in-chief Phil Neches, Paul Levin, and Ira Moskatel (later replaced by Superfrosh Beckman). Levin became famous for his News Briefs and infamous for his exhaustive series on Systems Engineering. Neches amazed the staff (if not the entire world) by his ability to grind out editorials on virtually anything in the last half hour before deadlines fell and the precious paste-ups began their tender journey (often resembling a drag race) to News-Type Service in Glendale. And through it all, the mysterious millikan troll got the news ahead of the news.

And so, celebrating another journalistic coup d'état over a Wednesday midnight pizza, one editor summed it all up: "We must be crazy!"



Crowned by 7/8" Clark Bold, Editor Neches prepares to christen newly-minted editor Beckman. Meanwhile, Business Manager Marv Mandelbaum prepares a business-managerly welcome for the new editor, while Photo Editor Fisher prepares his fix for the situation. Entertainment Editor Nick Smith and Editor Paul Levin look on, while Massey regards the scene with suspicion. Seita has a better solution, however.



Mandelbaum, making up for three weeks of sleep deprivation, chugs a half-gallon of Hawaiian punch concentrate left over from one or another of the various staff parties, while Levin, strictly a Leibfraumilch man, stands looking on at parade rest. Beckman celebrates his elevation by elevating a magnum of champagne, while Fish concocts an evil brew for the B&G air conditioning crew in the ubiquitous Cooper Barrel. Smith crowns Neches with a product the latter found a frequent necessity, while Massey still looks on the proceedings with suspicion. Seita still has the best solution.



The Tech Staff hard at work

the Big T

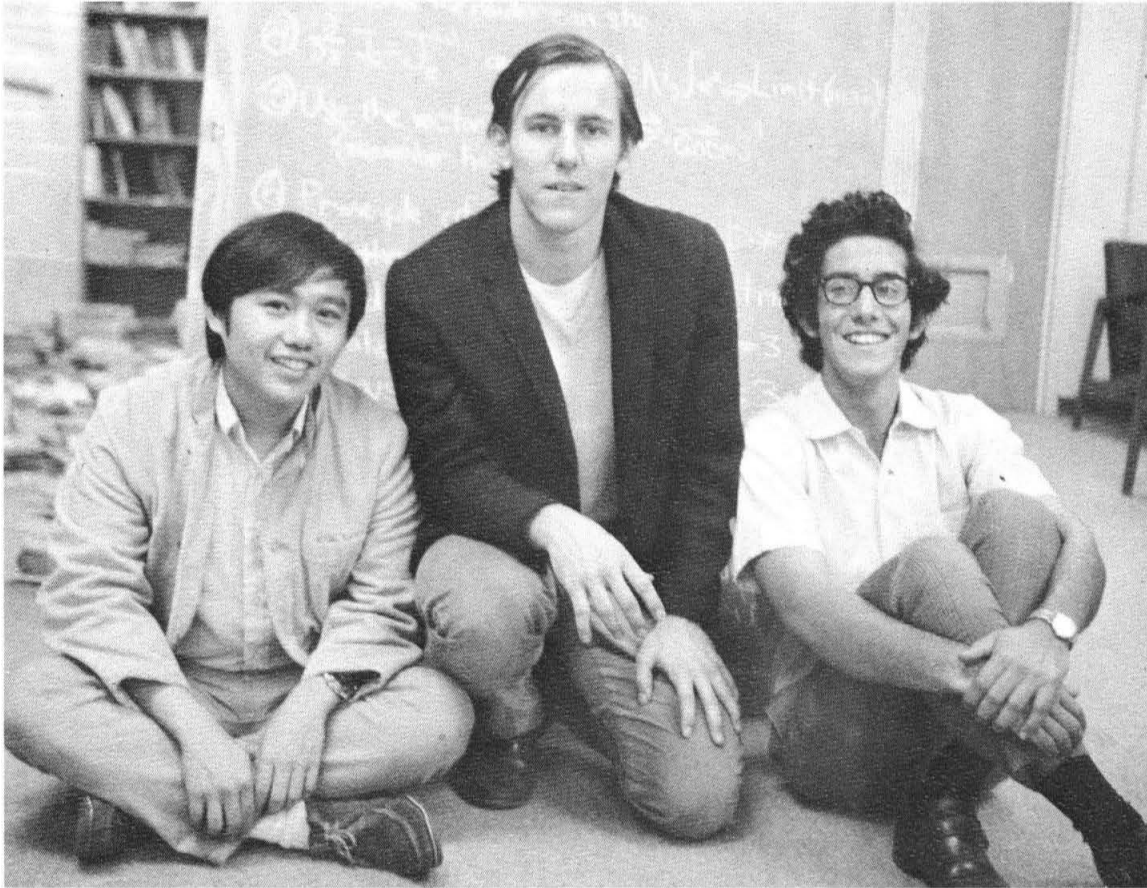
There are a lot of good and not-so-good reasons why you are probably not reading this until second term of 1971-72. As editor of this volume, I have no qualms about making excuses for its tardiness as long as everybody remembers that in the end it is my fault for not organizing staff work effectively and cracking the whip hard enough.

Some California Tech editors have boasted that their staff could put out the yearbook in two weeks. Maybe somebody should take them up on their offer, but I think that they are overlooking a few important details. One is that the yearbook is basically a photographic work; aside from the obvious problems of getting decent photos of all events of interest, it is difficult to get group pictures and material from the houses and student organizations. It is tough enough to get the photographer to the right place at the right time without worrying about whether all twenty or so Techers will show up. And how does an editor twist the arm of someone not associated with the yearbook staff? Most of the clubs and such were pretty good about getting their material in on time, but the houses were pathetic. Even though the house presidents were told a month in advance that the house write-ups, with photos, were due June 1, the first was not submitted until June 7, and the last (Dabney's) didn't get to me until the beginning of October. Motivating the yearbook staff was also one of my headaches - deadlines fall less frequently than a newspaper's, so the tendency to procrastinate becomes overwhelming, and there is no G&C in the form of free tickets, books, and records to lure unwitting students into the editor's clutches. Fortunately, the 1971-72 staff will probably be participating in a journalism class similar to the newspaper's, so the new editor should be able to get good layout out of his staff fairly regularly.

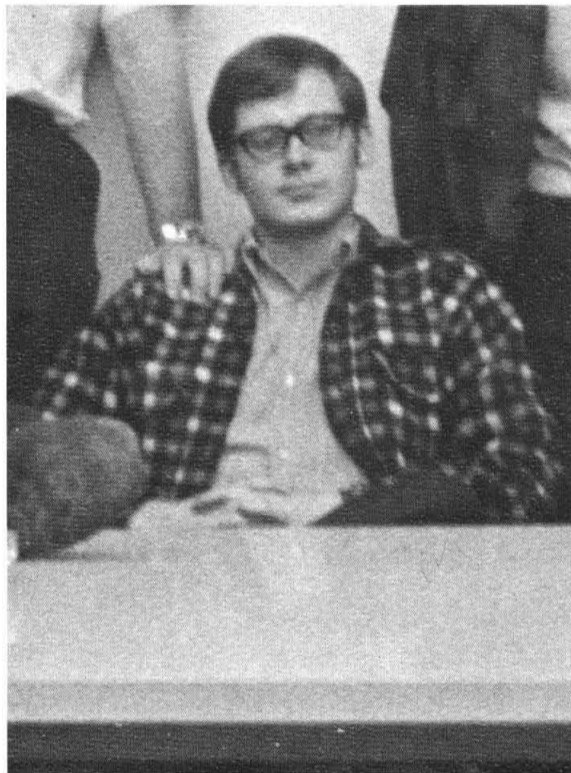
Page House again dominated what there was of a yearbook staff. Don Gunter and Steve Kelem put together the faculty section with a little help from me. Dave Peisner got pretty wrapped up in student body affairs second and third term and only managed to identify athletes and do some rough layouts for the sports section before he left for the summer. Mike Mariani hustled around so much trying to get people together for activities section photographs that he took sick and had to leave school early with two pages completed. Both Mike and Dave, however, redeemed themselves by doing some layouts when the book was completed in the fall. Dan Sinema volunteered to be business manager and performed the thankless (but sometimes lucrative) task of scrounging up ads to finance the book in a rather bad economic year. John Fisher provided a large number of photos and some very useful lessons on making prints; Alan Stein rummaged through his photo file to bring us some of the best and most imaginative pictures in the book. Finally, I really have to thank the people who helped to keep the project going over the summer while I built airplanes on Lawn Guyland. Bill Loucks produced a lot of good prints in sections that had been pretty bare. Peter Chau, who will produce the next edition, was really an editor this year too - he did the senior section and the "year" section and a bunch of other random pages as well as supply me with material that I had neglected or failed to locate. I figure that he did the layout for a shade less than a third of the book, which comes to a lot of hours when you stop to think about it.

Yearbooks are ceasing publication at many colleges and universities because of lack of interest on the part of both potential staffers and readers, and I tend to think that the Big T would fold if it had to depend on voluntary subscription. The Caltech yearbook will have to cover areas of more interest to students if it is going to continue successfully; this, however, is easier said than done, as indicated by the poor response by the houses to the opportunity to put a lot more material in their house write-ups. And only so much can be done with a small staff. If one-fourth of the people who will criticize this book would take their suggestions or gripes to the editor, and maybe do a little work too, the next volume would profit immensely. If this particular Big T is an adequate chronicle of the 1970-71 year, that's fine; but I'd be just as satisfied if the faults of this book prove to be large enough to prompt at least some students to try to make the next one an imaginative and exciting one.

- Lee Sparling



Peter Chau, Mike Mariani, and Dave Peisner.



A rare photo of the editor taking a break from the arduous task of putting a yearbook together.

THE CALTECH BAND







GLEE CLUB

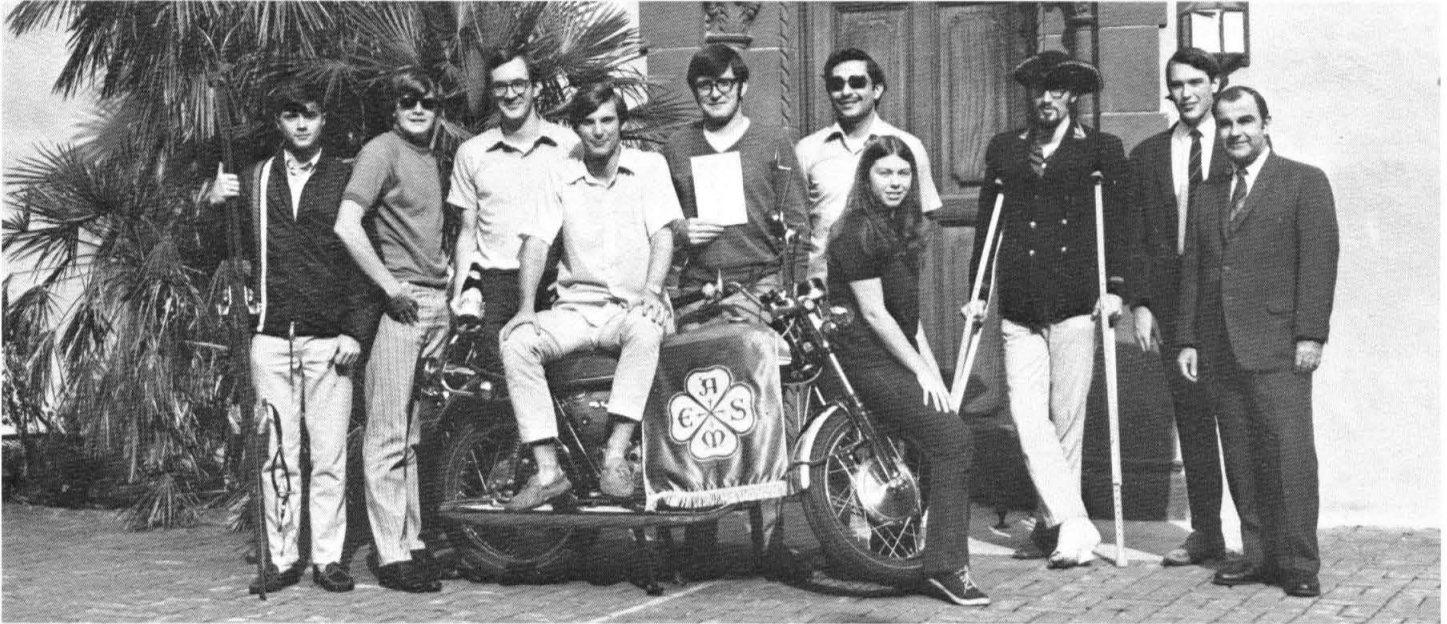


Well, what can ya say? Yep, another great year for the Caltech Glee Club! First term featured repertory camp and the Christmas concert (not to mention the Throop tree lighting!). Second term saw the Glee Club invade each of the seven houses to give mini-concerts between numerous local engagements. Over spring break, more than a few Glee Clubbers left their hearts in San Francisco (and San Jose and Fresno and anywhere else they saw *real live girls!*). Third term brought a spectacular choral festival that drew rave reviews from all quarters and finally the climatic home concert which featured slides of the spring tour.



THE GLEE CLUB WANTS YOU

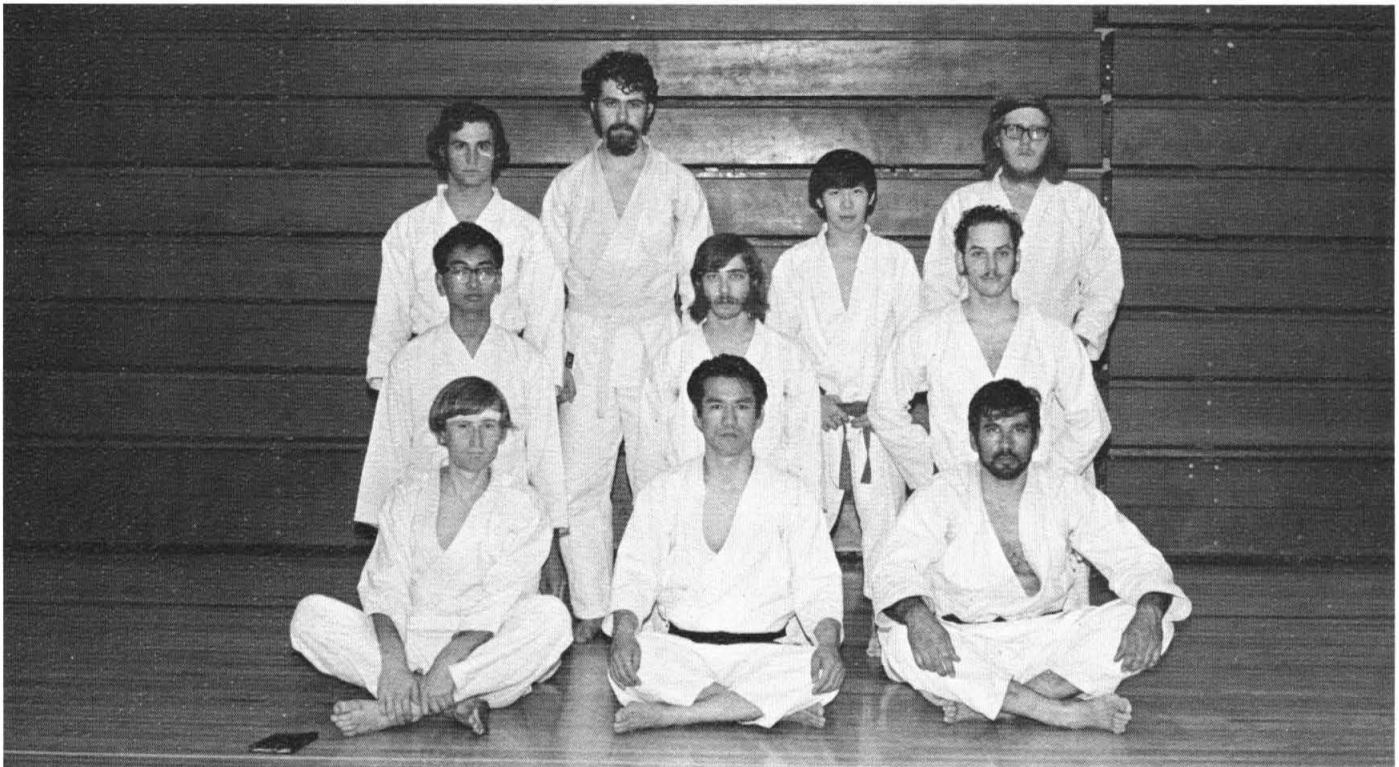
ASME



This year the ASME (American Society of Mechanical Engineers) club pursued such technical interests as visiting a local winery (to study fermentation processes, of course), spending a weekend in San Francisco (to study BART, of course), seeing New York City (to attend a convention, of course), holding Shakey's Pizza parties (just to screw around, of course), and giving the engineering faculty a few ulcers in our never-ending task of trying to introduce some engineering at Cal Tech. Without the skilled typing of our cute little secretary (Charleen) and the swift driving of our chairman of vice (Hank), we might not have recovered from the financial crisis of having two treasurers (Vasant & Moose McCord) and no money.

We are indebted to Professor Welch for joining ASME so that we could have a faculty advisor.

KARATE CLUB



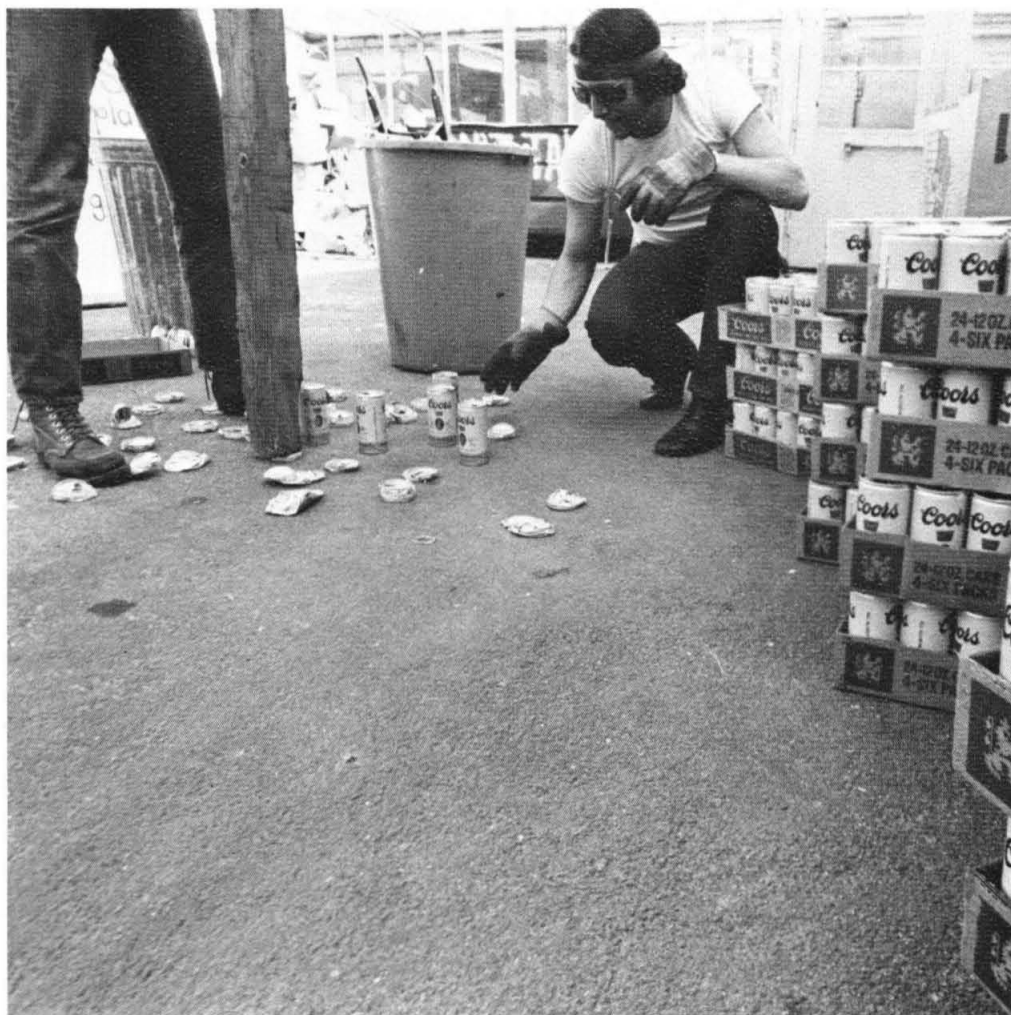
CEAC

The phenomenal Caltech Environmental Action Council, headed by that all-time great ecologist Dwight Carey, spent an extremely exhaustive year fracturing silica, pulverizing aluminum, and accumulating dried pulp for the purpose of becoming solvent with the Institute.

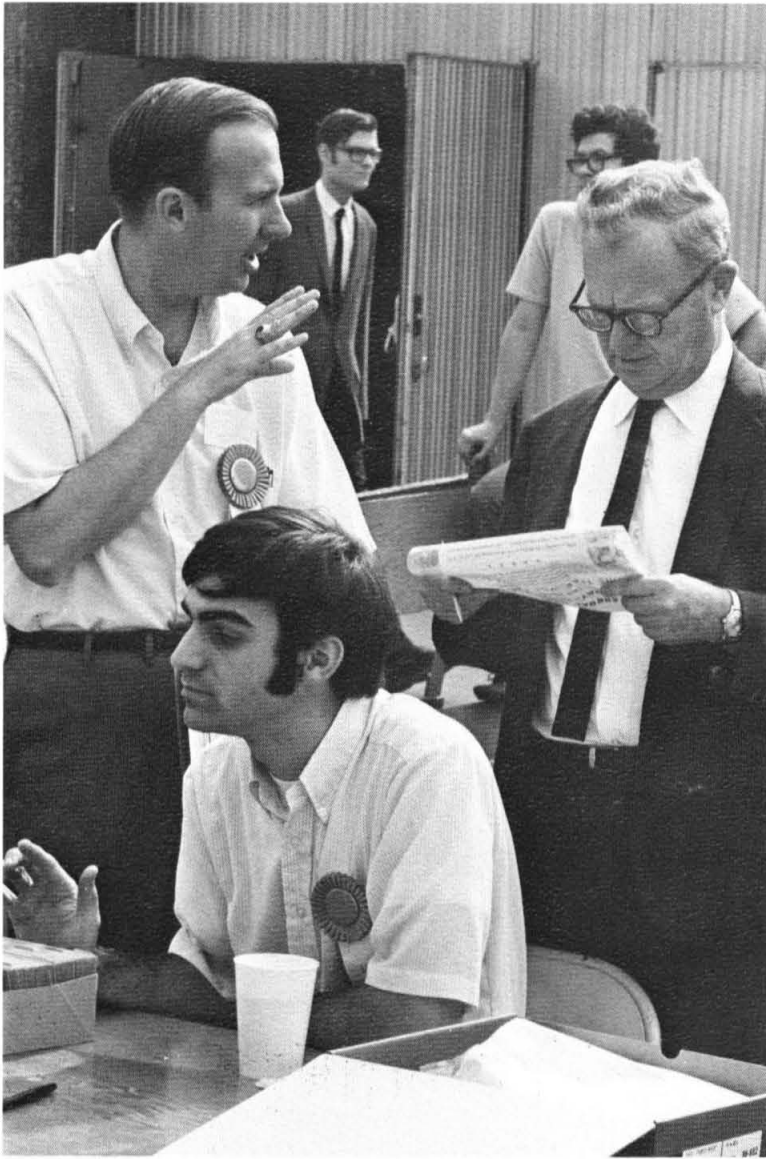
Paul Morand, Karl Bell, Peter Andriola, and Bob Durst carried on a diligent effort in ecologically rationalizing innumerable Saturday sweat patterns driven by their fearless leader "Captain Courageous," alias Dwight Carey, and mascotted by that epitome of parody, Patti Horne.

By the time the Institute realized that a full-blown, moneymaking, ecologically sound enterprise was thriving under its auspices, plans had already been put into action to extricate the student organization and supplant it by Biology.

Now, as the Institute bites its nails, hiding in humility for having discontinued such a program, Culbertson has become home base, and the question of the year 1972 is "Will the Reclamation Center open once again?"



ALUMNI



Most undergraduates are unaware of the many services that the Alumni Association provides to the student body. Aside from the funds it solicits from its membership for improvement and development of teaching and research facilities, the Association provides full-tuition scholarships for four undergrads and helps to defray the cost to students of Interhouse Dance construction and yearbook expenses. Some alumni groups have expressed an interest in organizing student-faculty-alumni dinners or get-togethers; while the alumni are interested in keeping close ties with Tech and finding out what students are up to, any student (or house) involved could learn a great deal from the experience of the alumni as well as perhaps gain some useful business contacts. Any interested student or house should contact Jim Black, Executive Director of the Alumni Association (gesturing in photo at left).

Jim, by the way, is himself very interested in students, and although he probably can't get any alumni money for your project or event, he can probably tell you where in the upper echelons of the Institute or Alumni Association your idea will get the most support.

Naturally, the list of services the Association provides for its members is extensive. It includes the publication of the award-winning "Engineering & Science" magazine, the Alumni News, and the very useful Alumni directory, and the organization of Homecoming, Alumni Seminar Day, and regional gatherings. The Association is always eager to recruit new members, and in recognition of the relative impoverishment of new graduates, it offers a cut-rate dues fee (\$5) to all graduate students. Take advantage of it!

HOMECOMING 1970



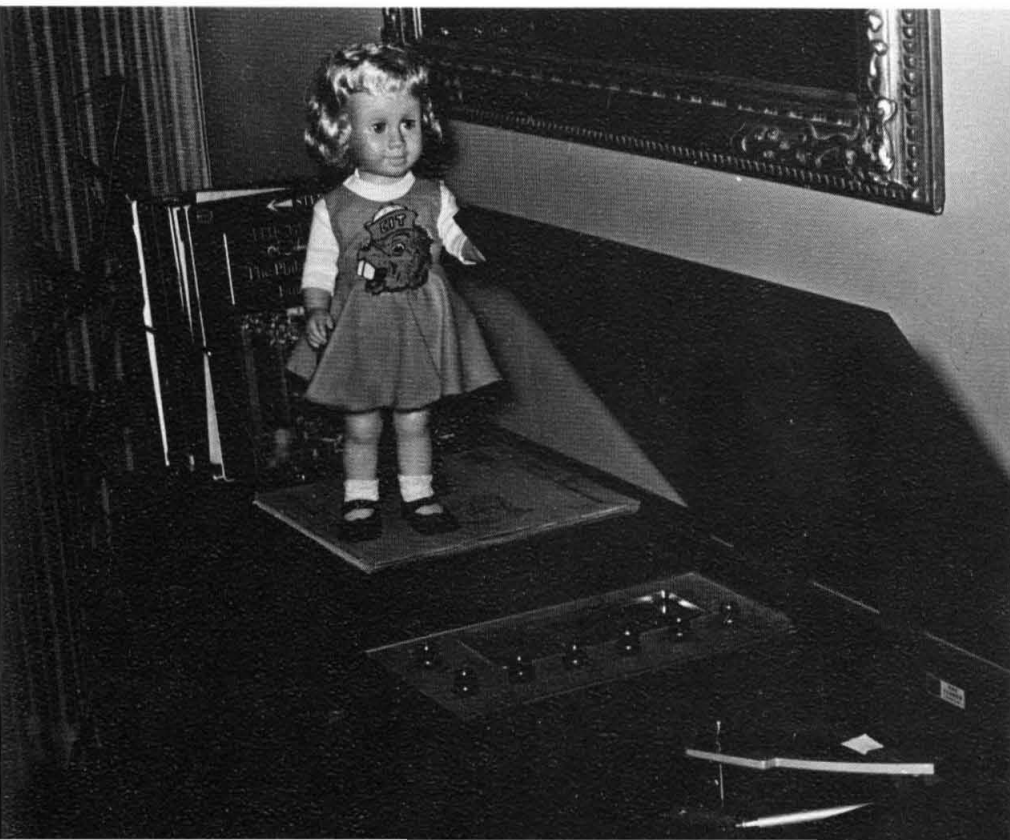
ALUMNI DAY - 1971





Back by popular demand - the Alumni Location Maps, with each black dot representing at least one alumnus.

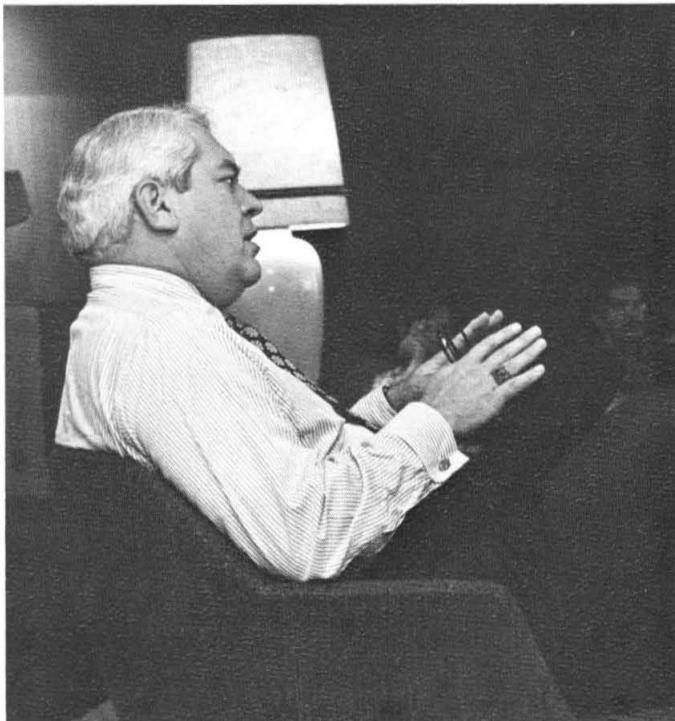
CALTECH SERVICE LEAGUE



The Caltech Service League provides a long list of services to the Caltech students, many of which go unnoticed by the majority of the student body. Nevertheless, the League's contributions are evident in many places on campus: from the piano and stereo system in the Winnett Student Center to serving as chaperones at numerous Caltech undergrad functions. The Service League also provides flower arrangements for a house party. Several Techers have also celebrated their birthdays with a cake baked by one of the ladies of the League. Finally, most of the photographs appearing in this yearbook were developed and printed in the darkroom in Winnett. The equipment in this darkroom was donated by the Service League. These people truly deserve a loud round of applause for their contributions to undergraduate life here at Tech.



Judy Sharmon for the Free Clinic Benefit



Senator Marlow Cook

The Caltech Y is what it does. It's not a neatly packaged organization that performs certain, specific functions. It does have an office to collect enthusiasts, lost things, books and records to lend; doesn't have a swimming pool or cheap rooms; does have a few people who all think they run it; doesn't have only young, Christian and male members; but gathers involved people from all ages, more than one of the world's great religions and even (is nothing sacred?) both sexes. And it doesn't do just YMCA things. The Y - office and organization - collects people who want to do something. They want to try activities outside of their scientific commitments. They want to leave the secluded campus once in a while, and they want to bring "outsiders" in to affect in large and small ways themselves and their school. Y members can think up any project, figure out ways to realize it, gather a few more people and do it. Projects usually involve getting to know something a bit better - others, themselves, or the workings of various ambiguous organizations like governments, religions, the complexities of the military and industry, the educational systems, and communes. Y people tackle big questions - of survival, war, peace, drug addiction.

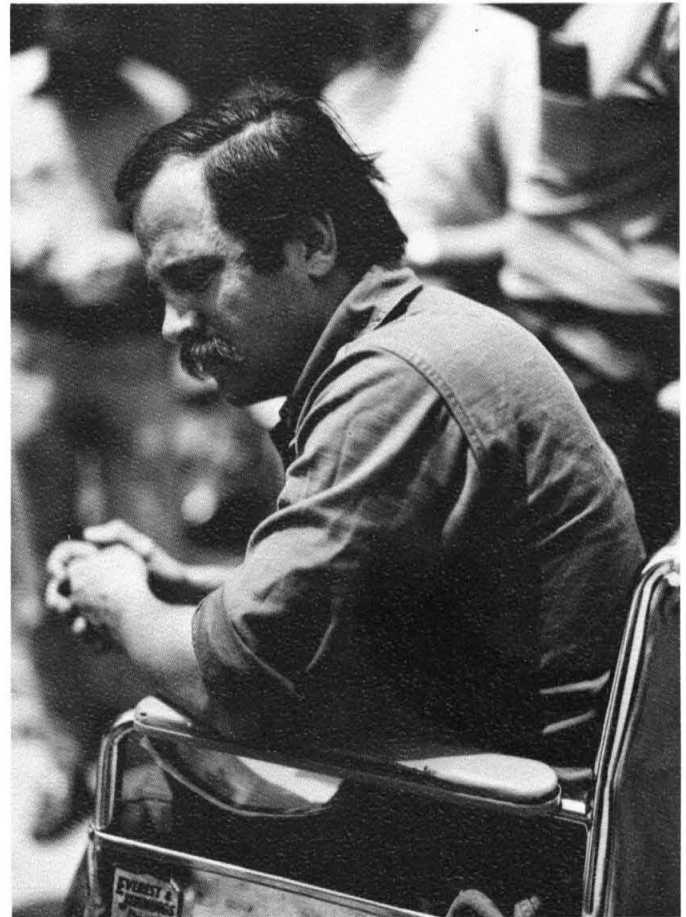
Kathy Ward auctions the lost and found.





Romeo, Romeo ...

The Caltech Y



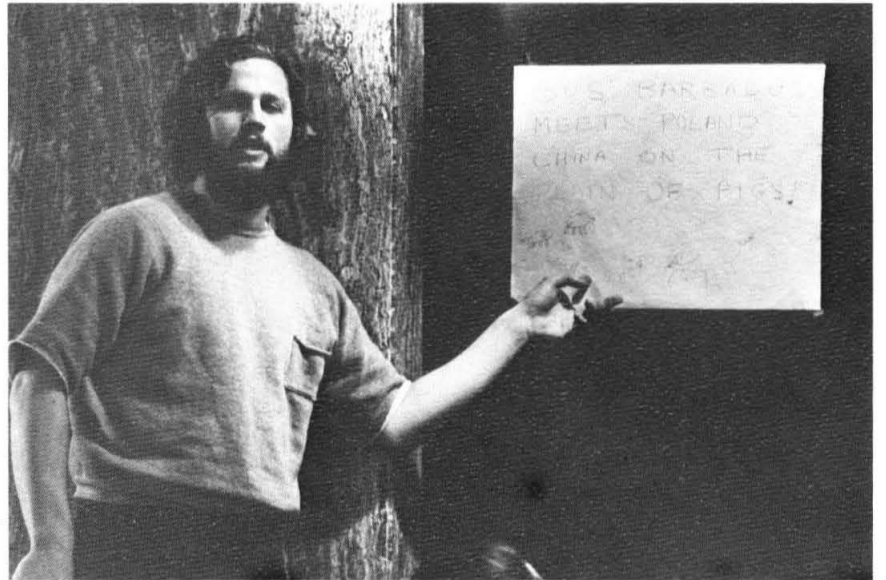
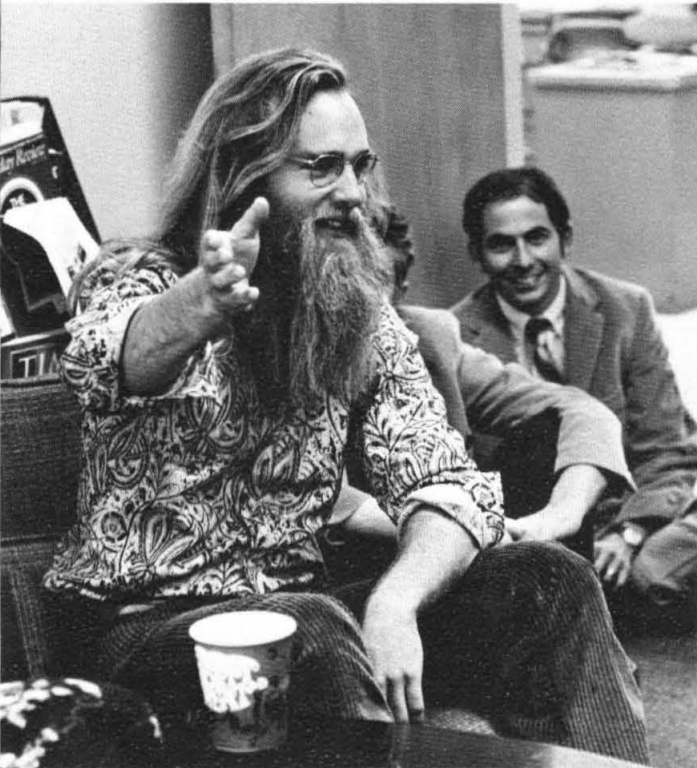
Give Peace a Chance - Vietnam Veteran

Daniel James, General from the Pentagon

This year the Y was . . .



A PEG Group Grope

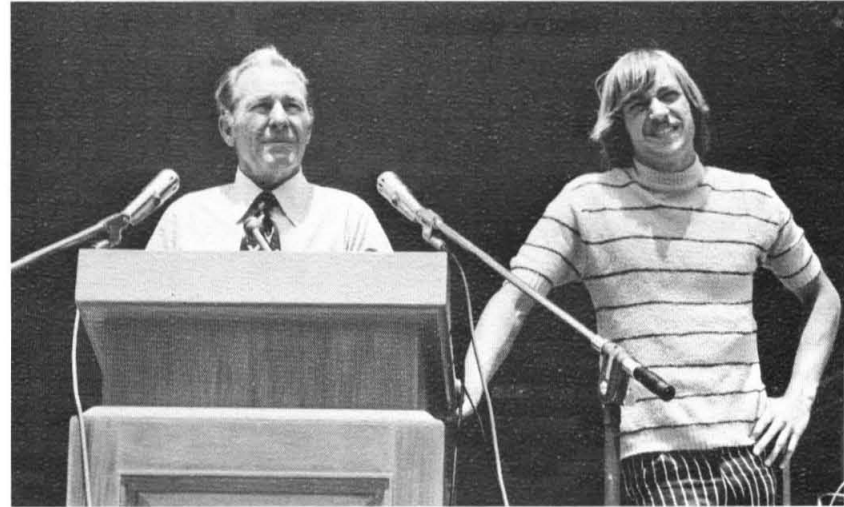


Messenger from God?

Caltech alumnus, Barry Gordon, PEG leader from Berkeley

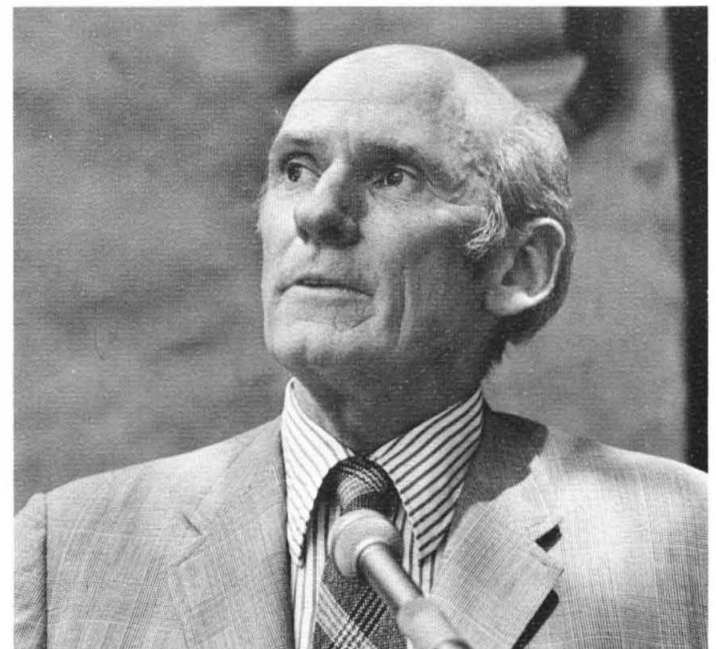
Long talks and bread and wine with visiting seminarians





Right: Just Plain Sam - Occasional Mayor of Los Angeles and Senator Alan Cranston

Just plain fun





China Night



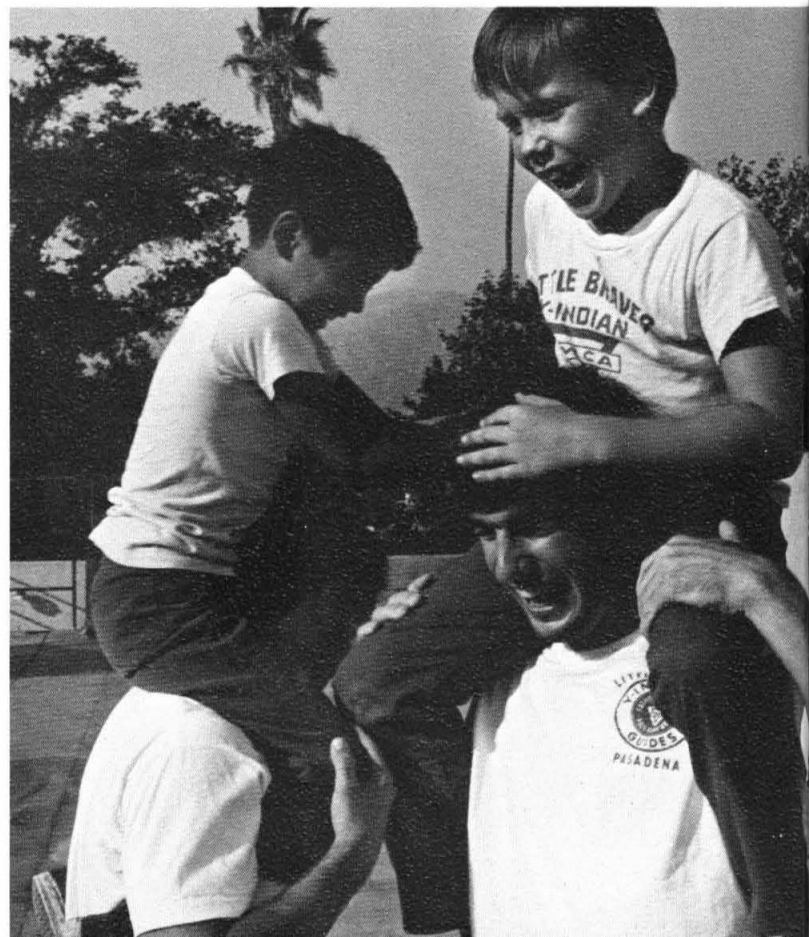
Women in Science

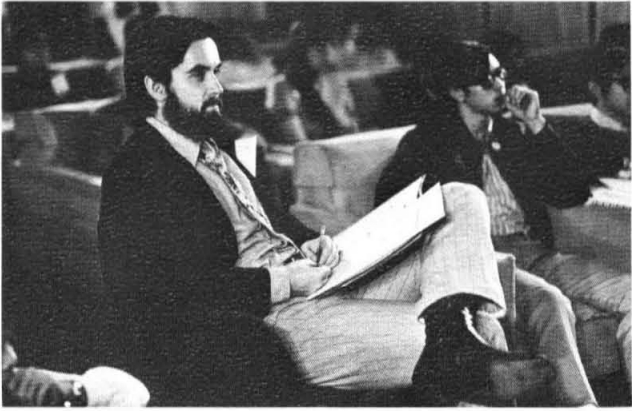
GIVE A DAMN

The People in the Y ask questions. This is the way they learn to know others. They ask, they listen, and they give.



Big Braves for fatherless boys



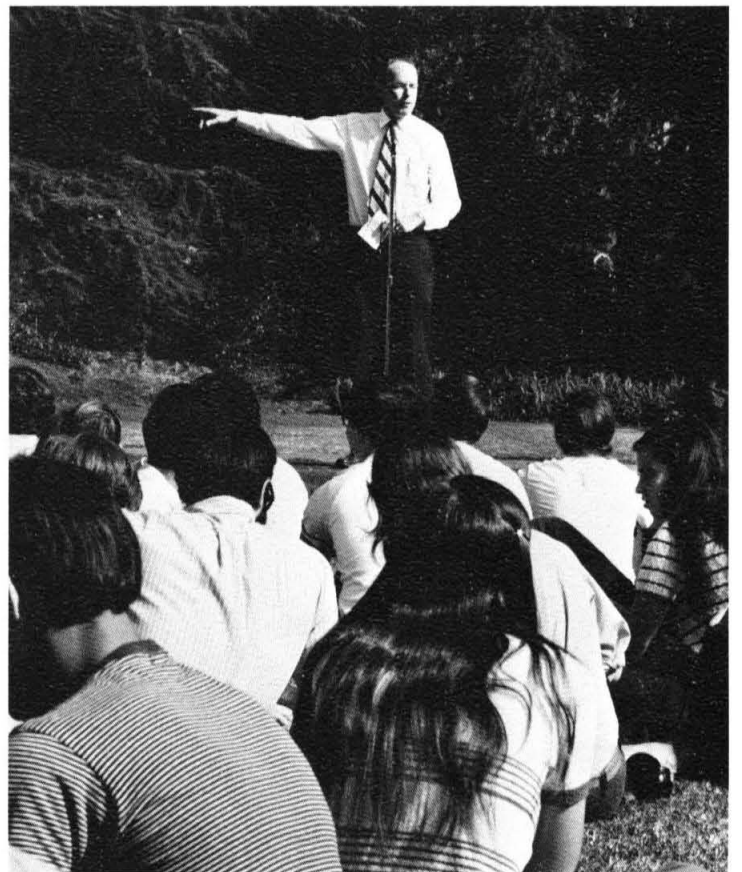


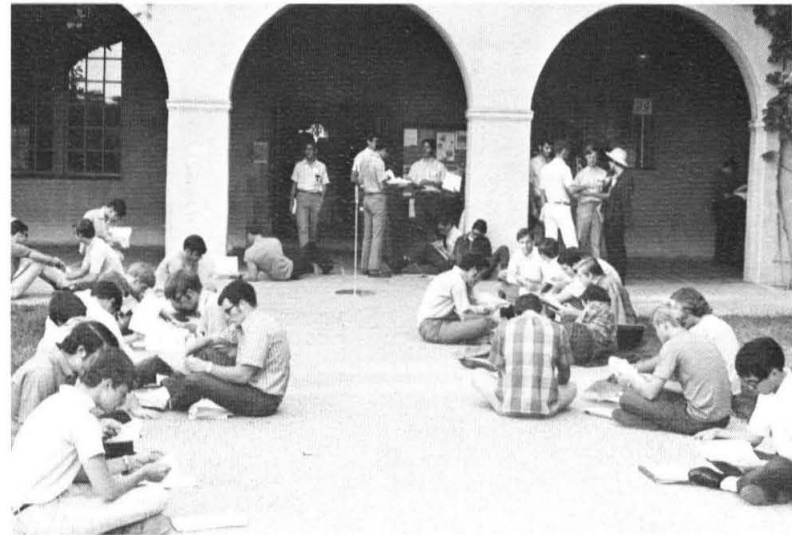
At the Master's feet

Week in Big Sur preparing for first Physics quiz



FRESHMEN ORIENTATION





MUDEO

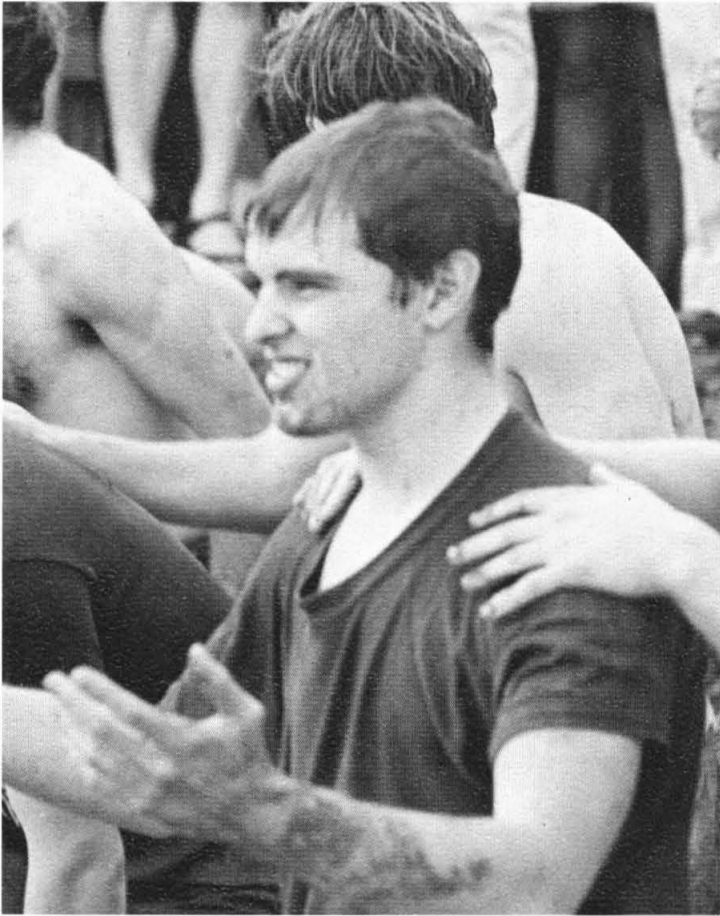
The freshmen won again, but this time their captain was a girl, and one of their horses was a professor. Yes, Celia Rivera led her frosh team to victory over the sophomore defending champions, led by captain Rik Conrey. In the individual events, the contest was very even. The freshmen lost the tug-of-war, but then came back to win the sack race. With the score even, the freshmen won the wheelbarrow race, even though they sent across an extra team. A surprise entry in the horse-and-rider fights was professor Harry Gray, who took the plunge for the frosh, with jockey Lisa Anderson. The frosh, however, lost that event by again having one too many teams. The tire scramble then became the deciding event. With thirteen tires to be thrown into the pit, a scandal arose when a few were missing - a plot by the sophomores to try to win. When the final whistle blew, the freshmen had won, and, as always, the junior judges were tossed in by both teams. Though the faces may change, the glorious spirit of the Mudeo remains the same.



Smooty and his gang jump off to an early deficit



Krueger takes a dive



"But the frosh have too many teams in the pit!"

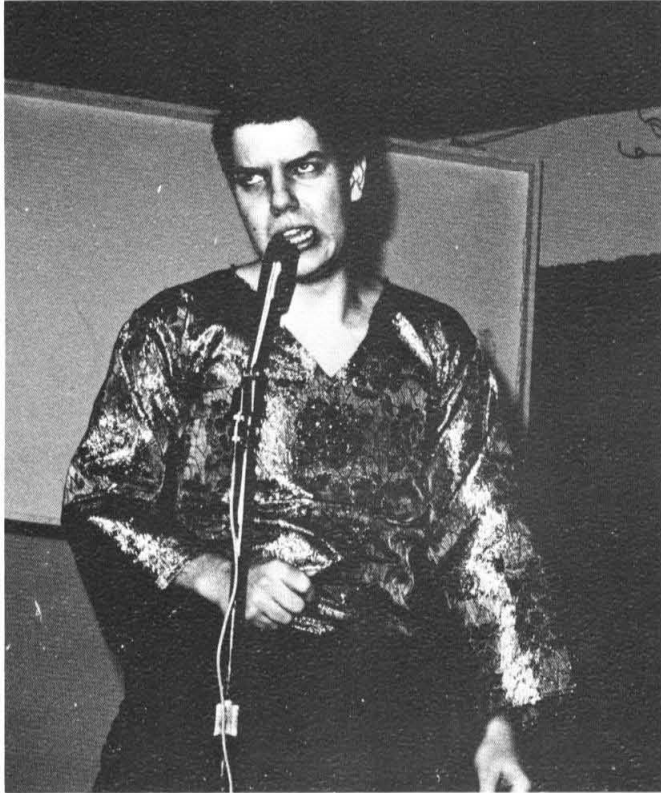


Some days it doesn't even pay to get out of bed



Soon everybody will be getting into the act

INTERHOUSE DANCE



Fleming



Fleming

More
Fleming

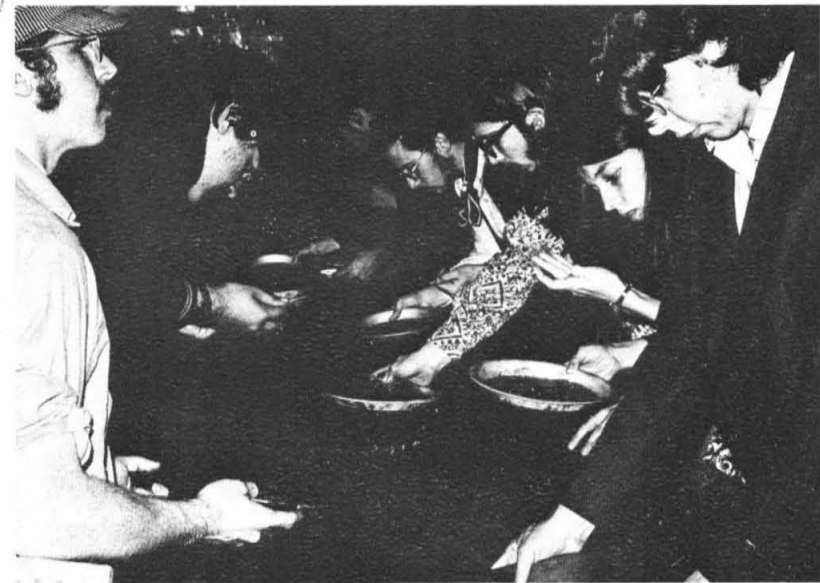




Ricketts



Still more Fleming



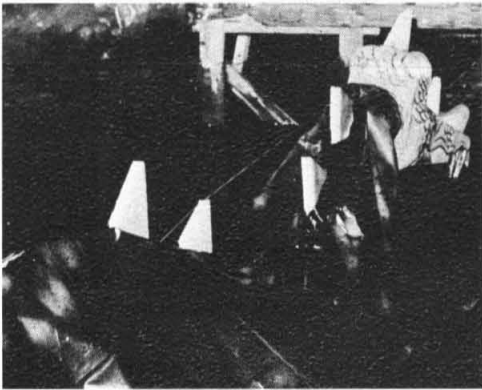
Blacker



Ruddock



Page



Fleming

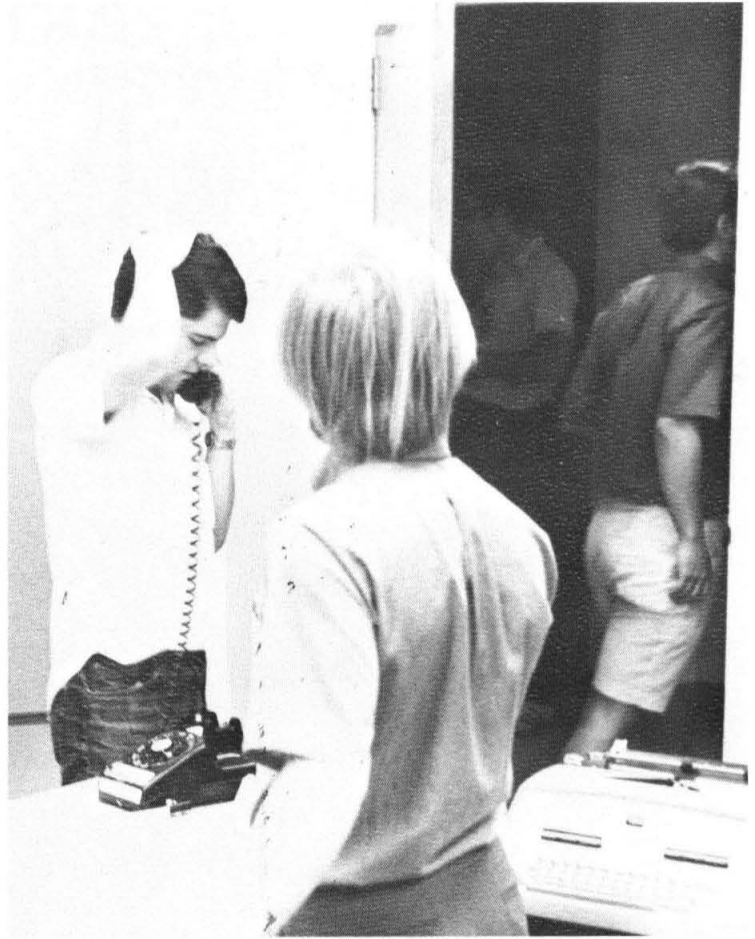


Dabney

Lloyd

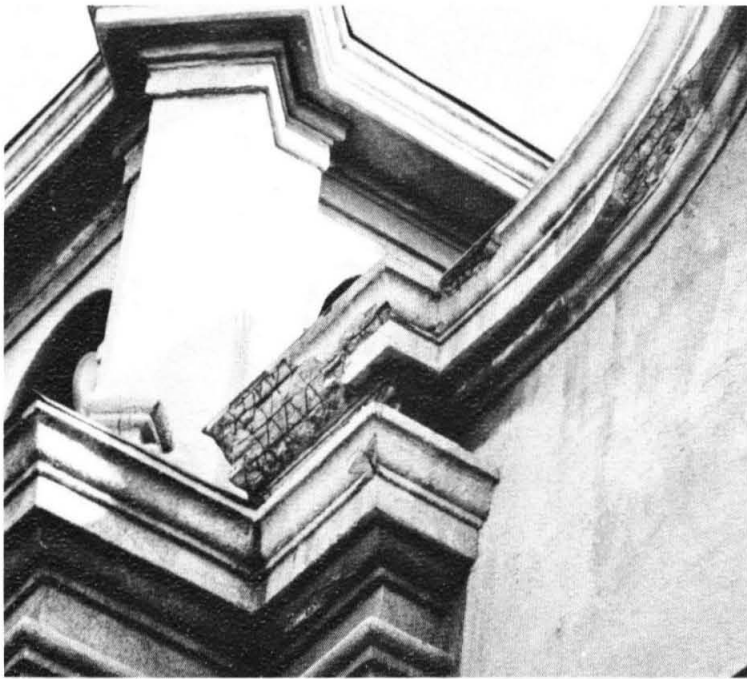


PME

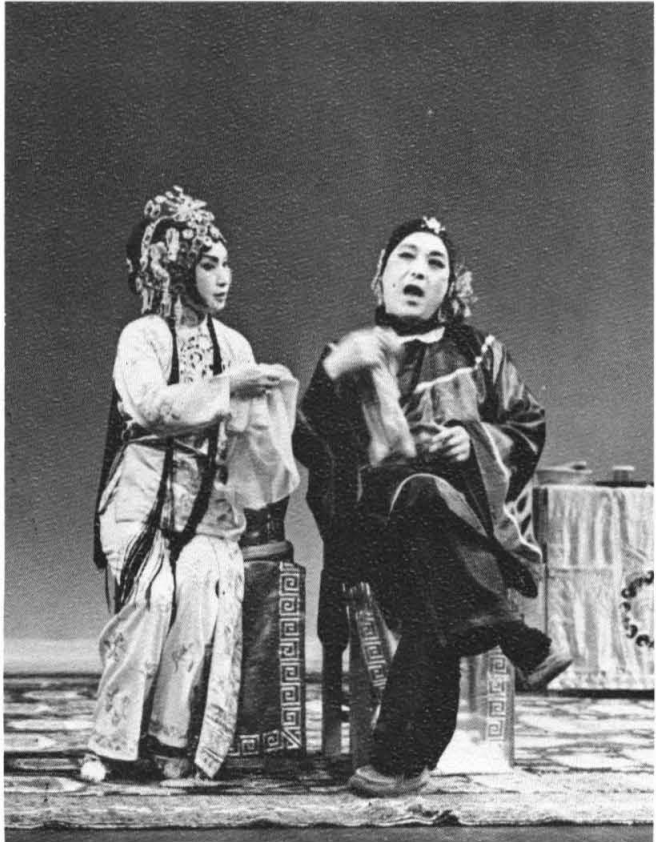


THE EARTHQUAKE





CHINA NIGHT





INTERHOUSE SING



Blacker House Chorus

Fleming House Chorus



Ruddock House



BAXTER ARTS FESTIVAL



Events & Locations

Ramo Hall
 (enter from San posqual)

ELECTRONIC MUSIC
 COMPUTER ART
 POETRY AND SLIDES

GROUND LEVEL

HIROSHIMA PANELS
 STUDENT ART - Room 128
 EMERGENCY ROOM 134

BASEMENT LEVEL

Plastics Sculpture - Gallery
 Computer Graphics - Room 19
 HIROSHIMA Panels



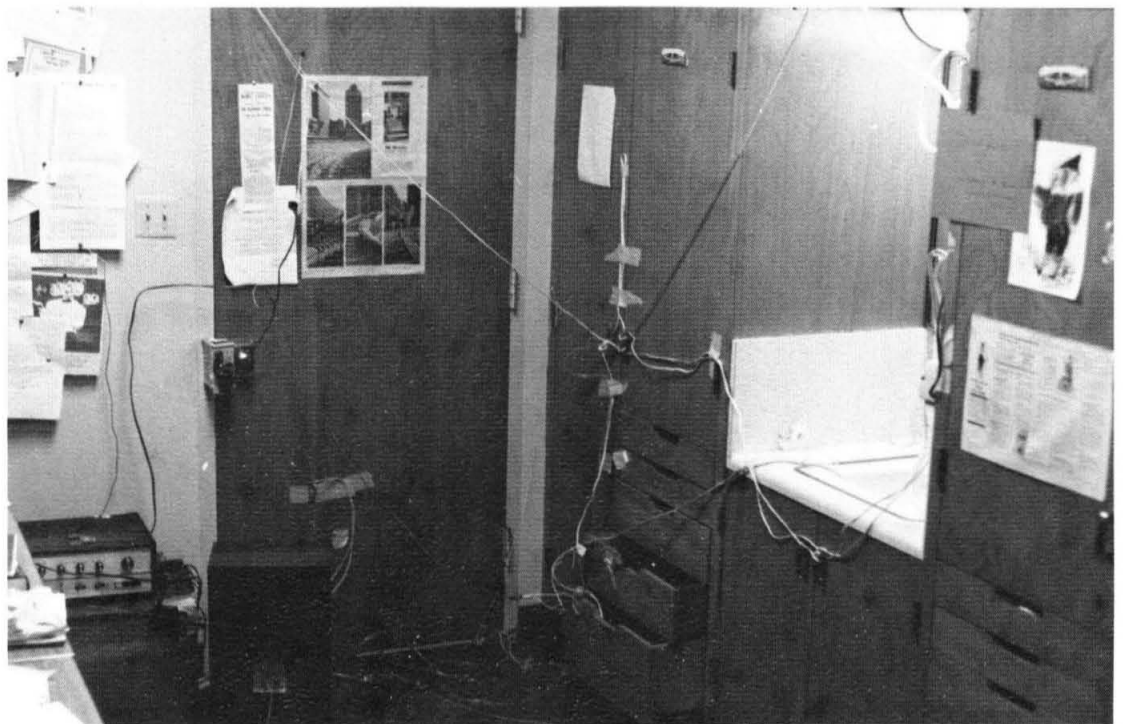
DITCH DAY

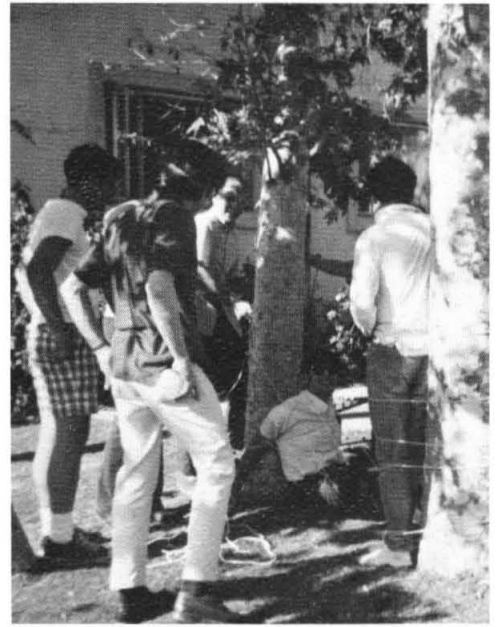


It's ungodly big!

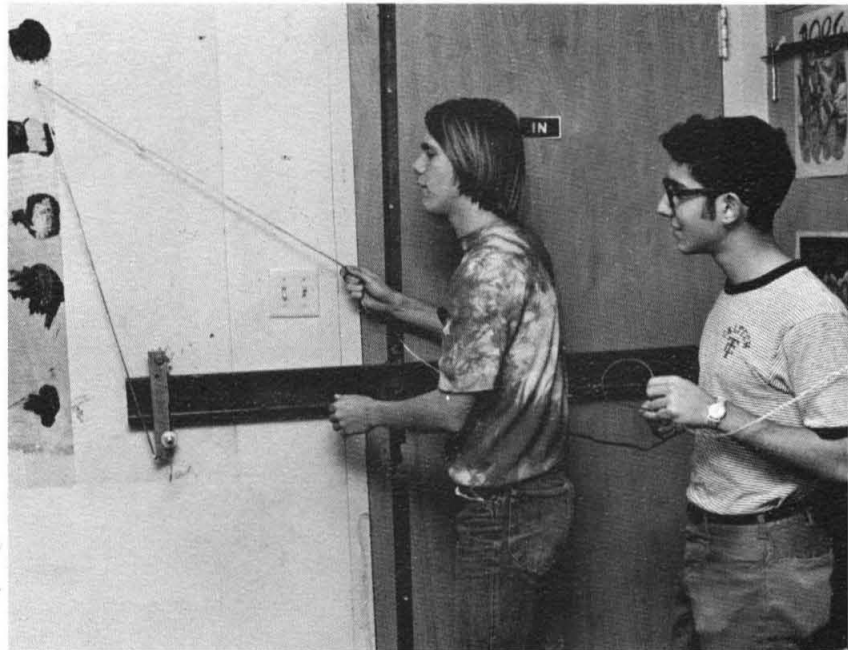
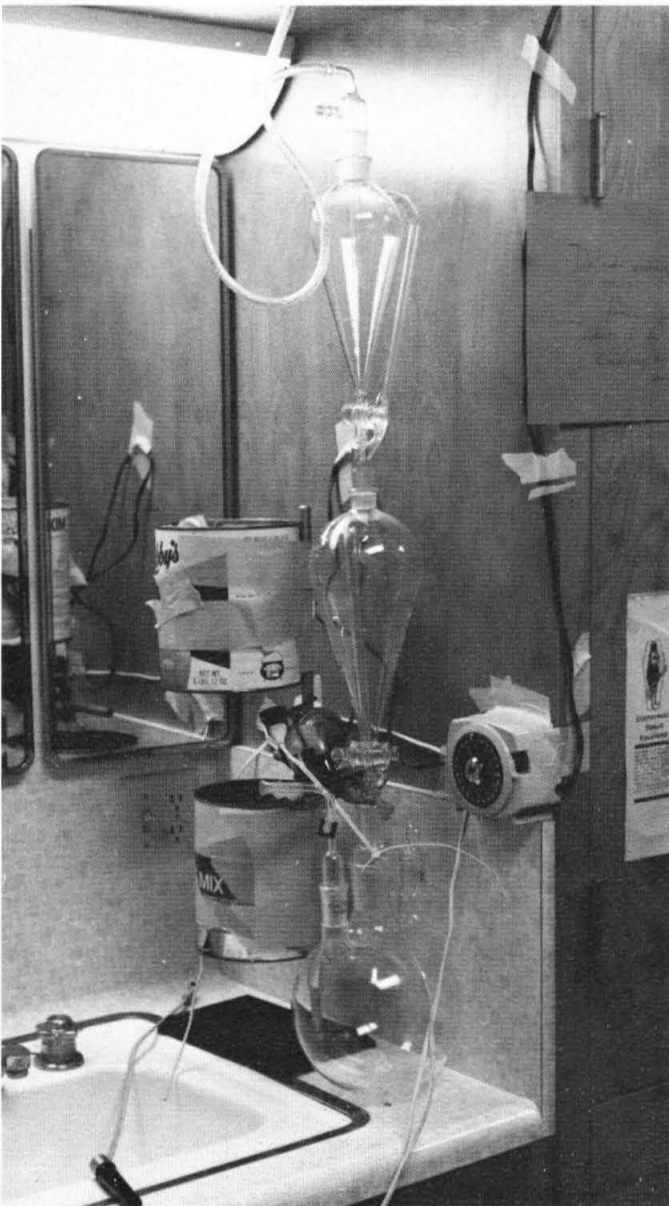
In a finesse stack only the door is stacked. Underclassmen are only allowed to look in through the window. Climbing in through windows, cabinets, etc., is a no-no.

Inside a typically stacked room





There's one good thing about Techers. They have a strong sense of equity. For example, on Ditch Day, all seniors receive the same warm welcome on campus.



Random frosh examining the opening mechanism after having broken into a brute force stack in the ingenious traditional Caltech method - blasting a hole through the wall.

Part of an ingenious stacking mechanism that was never completed by the senior who designed it. To open the stack, one has to pour water down two tubes simultaneously, tripping a pneumatic switch when sufficient pressure builds up. Clever. So what?





SPORTS



First row: S. Bisset, J. Ellis, G. Stormo, T. Blaschko, P. Dressendorfer, B. Johnson, J. Milkovich, L. Morris. Second row: M. Bruni, T. Reynales, F. Hobbs, C. Broskow, J. Bajorek, R. Bales, J. Brown. Third row: H. Robinson, D. Bredesen, R. Pinizzotto, B. Eisenhart, B. Jacobsen, G. Stone, W. Brown, J. Steubs, G. Later, J. Hurn. Fourth row: D. Stimson, Fergy, Coach T. Gutman, Coach R. Smith, Coach A. Raciuc, Coach D. Bond, B. Rugamen.

FOOTBALL

The Caltech football team did not do it again! With a seven-game schedule, the team lost only five games. Of course, the season did not produce a win, but there were two hard-earned and appreciated ties. The opening game with Redlands frosh ended in a 0-0 defensive stalemate, and the last game with Claremont-Mudd JV ended in a 7-7 score. Taking these ties and several close games into account, the 1970 football season was successful and indicates happier times for 1971.

The Caltech squad had many negative factors to contend with throughout the season. The team consisted of only twenty-five members, of whom only thirteen had high school experience. Also, nine players had to play both offense and defense 90% of the playing time. These factors don't contribute greatly to the success of any team. Whatever success the Caltech team had can be attributed to its spirit and desire to become a winning team.

The Wheaton Trophy had co-winners in 1970 - Tom Blaschko, senior tackle and co-captain; and Paul Dressendorfer, junior halfback and co-captain. The Irv Noren "Outstanding Back of the Year" award went to Bob Bales, soph quarterback. The Max West "Outstanding Lineman of the Year" award went to Blaschko. The "Outstanding Frosh Back of the Year" award went to John Steubs, flanker, and the "Outstanding Frosh Lineman of the Year" award went to Frank Hobbs, guard. The "Most Improved Player" award went to Craig Broskow, guard.

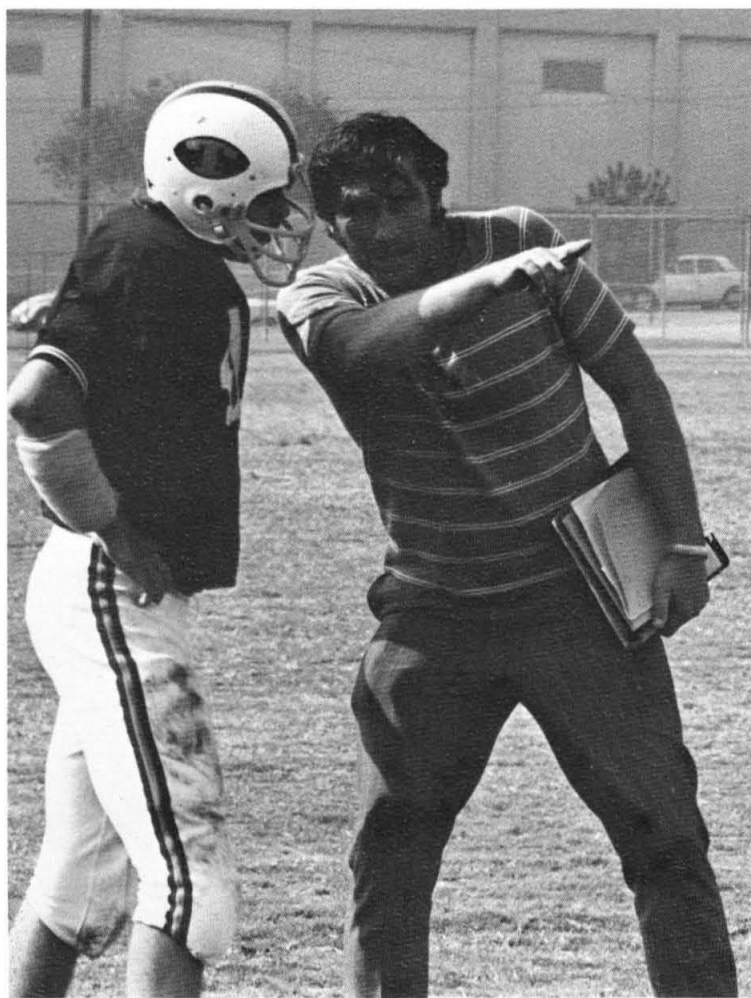


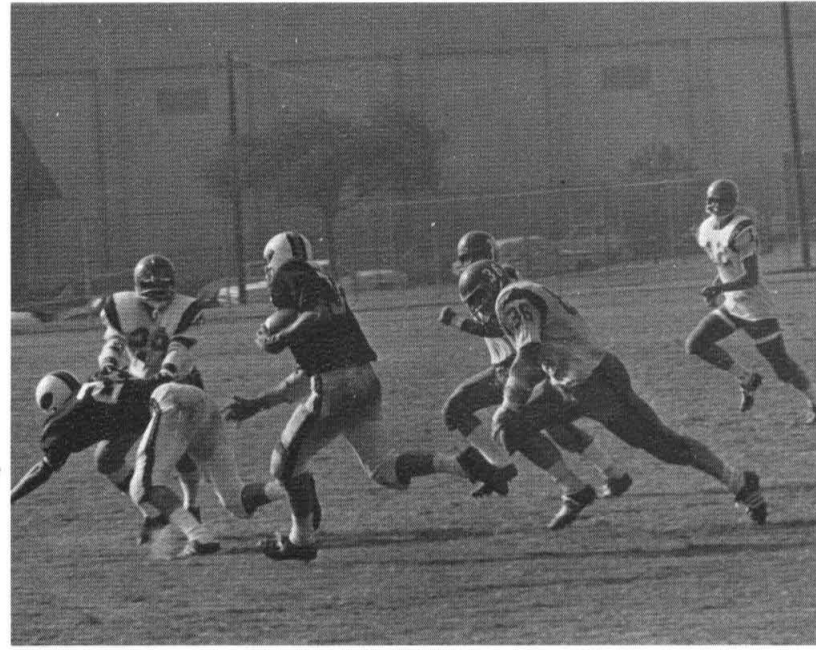
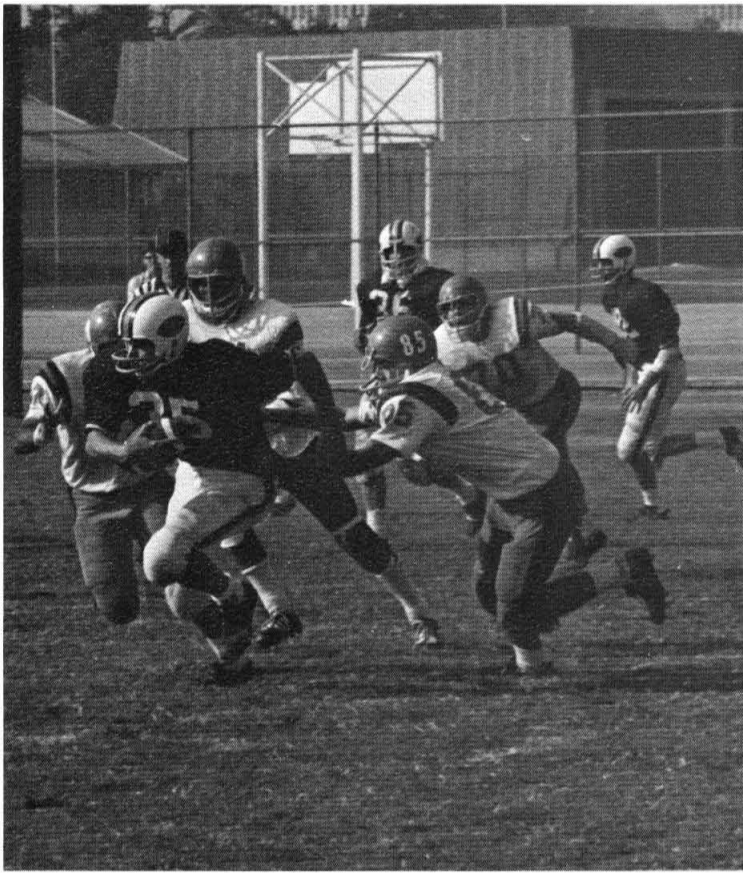


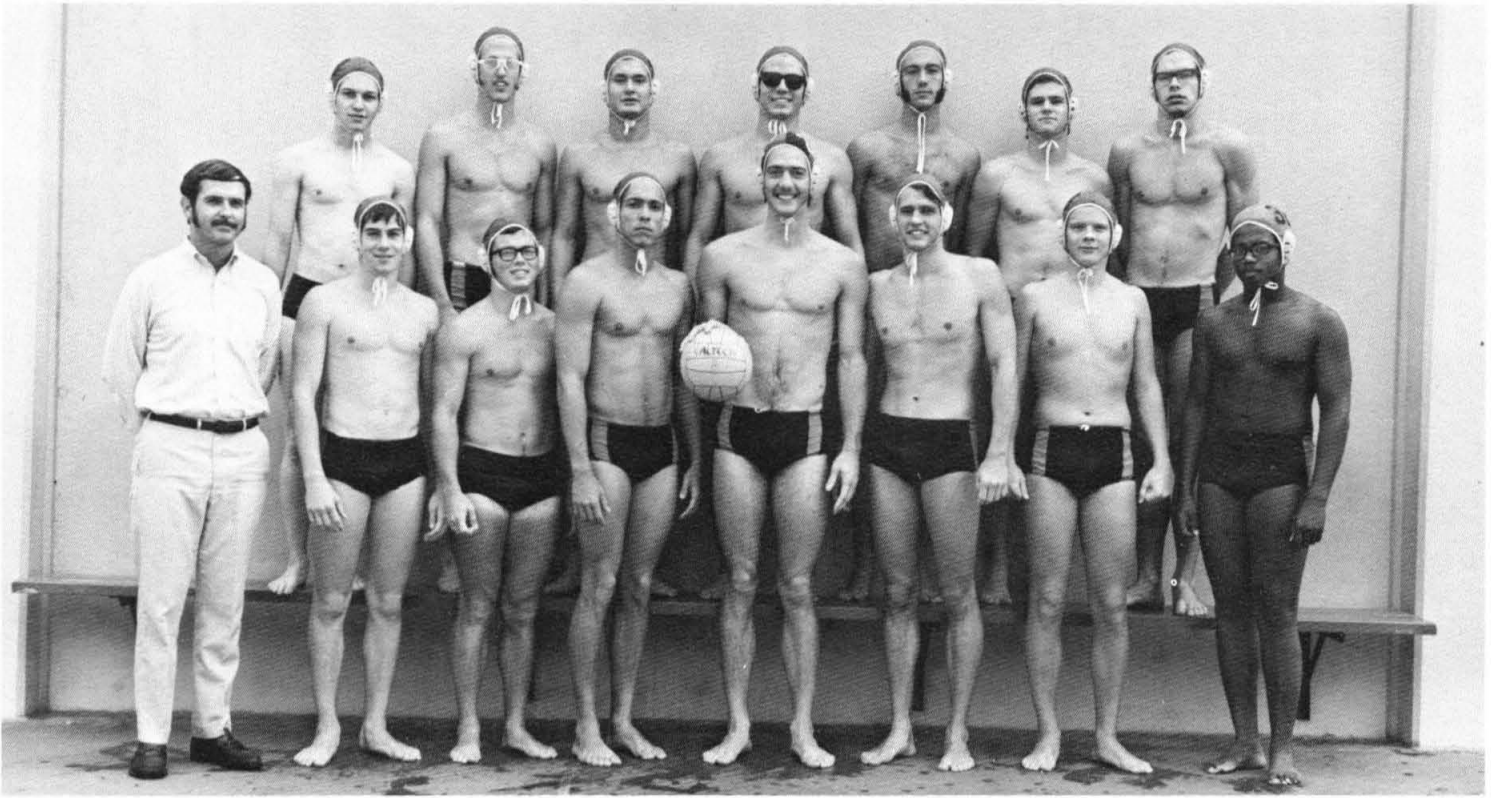
CALTECH FOOTBALL RECORD - 1970

Caltech	- 0	Redlands JV	- 0
La Verne JV	- 20	Caltech	- 7
UC Riverside Frosh	- 14	Caltech	- 0
Pomona	- 42	Caltech	- 7
Azusa Pacific	- 21	Caltech	- 0
San Diego Univ.	- 69	Caltech	- 0
Caltech	- 7	Claremont-Mudd JV	- 7







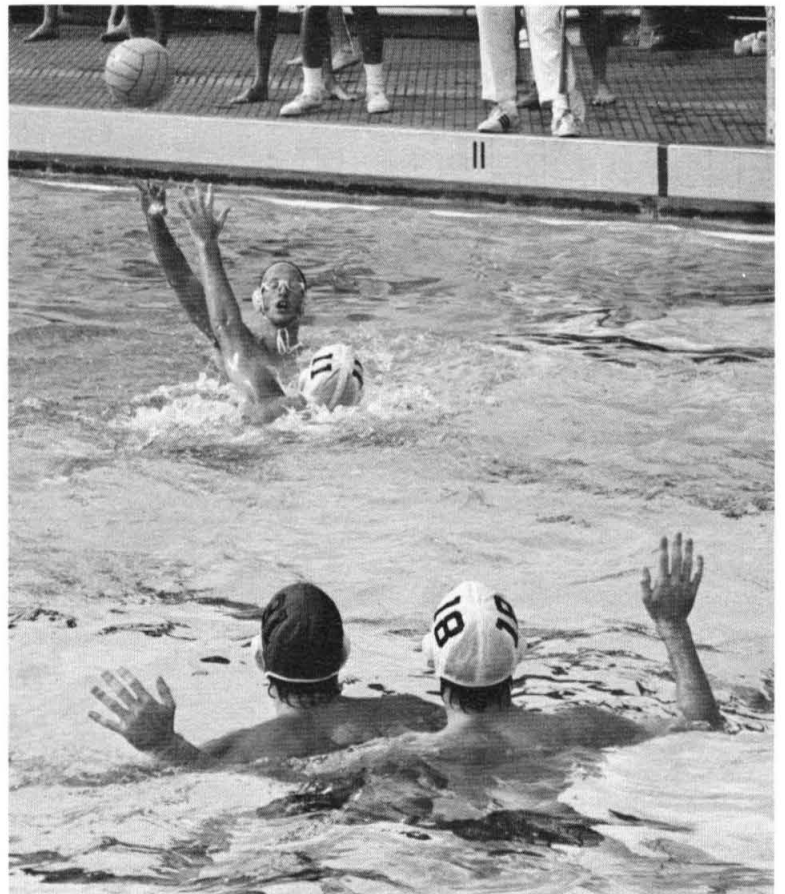


Front: Coach L. Reck, R. Coleman, D. Trotter, S. Sheffield, K. Hanson, R. Hall, R. Harman, V. Shields. Back: R. Kieckhefer, T. Hight, S. Bitondo, L. Watkins, J. Jakway, T. St. John, T. Coates.

WATER POLO

CALTECH WATER POLO RECORD - 1970

Cal St. Fullerton	- 13	Caltech	- 4
Santa Ana College	- 4	Caltech	- 2
Cal St. LA	- 12	Caltech	- 10
El Camino JC	- 16	Caltech	- 7
Claremont-Mudd	- 9	Caltech	- 5
Cal St. LA	- 10	Caltech	- 3
Pomona	- 8	Caltech	- 6
Caltech	- 11	Pasadena CC	- 5
San Fern. V. St.	- 22	Caltech	- 6
Claremont-Mudd	- 14	Caltech	- 5
Caltech	- 7	Pomona	- 3
Caltech	- 8	Alumni	- 6
UC San Diego	- 12	Caltech	- 4
Redlands	- 7	Caltech	- 2
Caltech	- 6	Occidental	- 4
Claremont-Mudd	- 6	Caltech	- 3
Caltech	- 8	Pomona	- 3
Caltech	- 4	UC San Diego	- 3
Caltech	- 7	Redlands	- 6
Caltech	- 7	Occidental	- 3

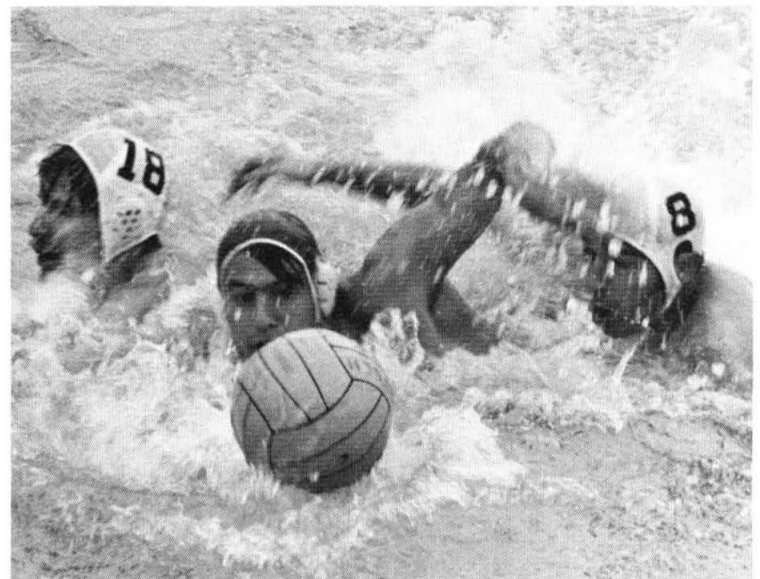
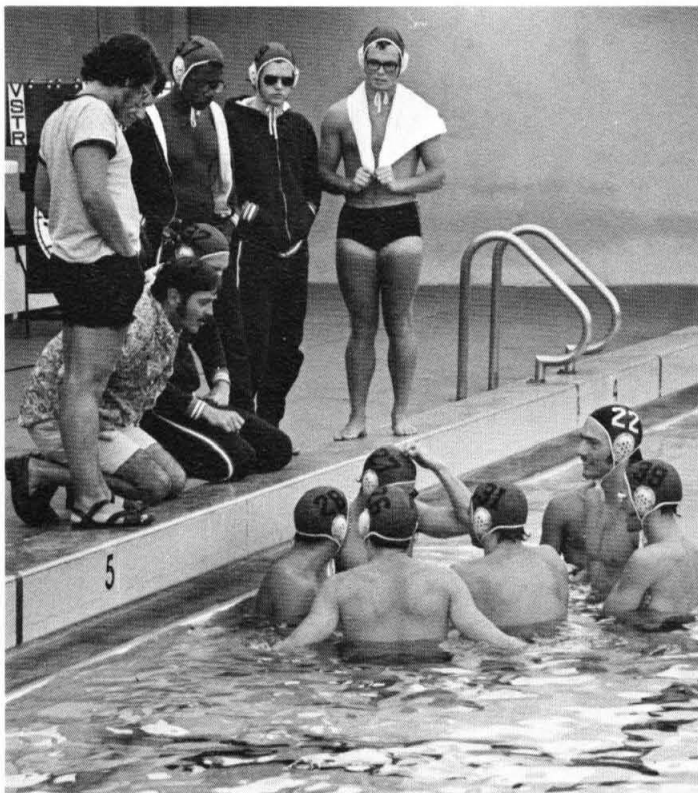




The 1970 water polo season ended on an extremely successful note as Caltech won five of six league games and had four players named to All-Conference teams. The second part of the season was almost a complete reversal of early season play. During October the team encountered very tough competition and suffered numerous injuries; consequently Caltech managed only to defeat Pasadena City College and gain the "traditional" win over the alumni on Homecoming Day. With the team finally healthy by November, the starting lineup of seniors Ken Hanson, Larry Watkins, and Bob Hall, juniors Steve Sheffield, Tim Hight, and Tom Coates, and sophomore Jim Jakway molded into one of the best Tech water polo teams in several years. Coach Reck believed that, at the end of the season, they were the best team in the league, pointing out that Caltech had more men named to the All-SCIAC teams than any other league team. In league play, Caltech defeated everyone except Claremont at least once; a couple of defensive errors cost the team victory in the second Claremont match. Caltech defeated both Oxy and Pomona twice and split with Redlands.

Ken Hanson, goalie and captain, and Larry Watkins, the top scorer, were named to the All-SCIAC Water Polo first team (Watkins for the third year in a row), while Bob Hall and captain-elect Steve Sheffield were chosen for the All-Conference second team. Other varsity letter winners were Tom Coates, Jim Jakway, and three frosh - Tom St. John, Bob Coleman, and Steve Bitondo. In addition, Hanson again received the Coach's Cup, and Hall received the Most-Improved-Player award.

The Junior Varsity season was, as usual, a learning experience with only a few players having any high school experience. The team improved steadily through the season and even won a couple of games. JV award winners were Virgil Shields, Doug Trotter, Bob Kieckhefer, Bob Harman, and Plato Tserliangos.





Left to right: Coach B. LaBrucherie, G. Pope, D. Reichel, M. Smith, R. Higgins, T. Tardiff, A. Kleinsasser, I. Moskatel (manager).

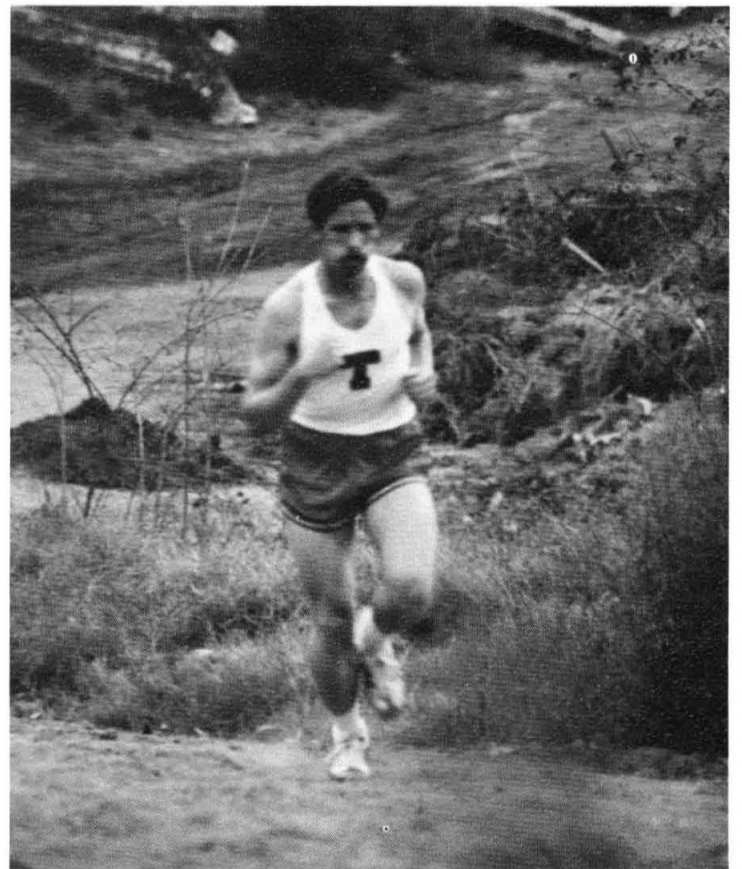
CROSS-COUNTRY

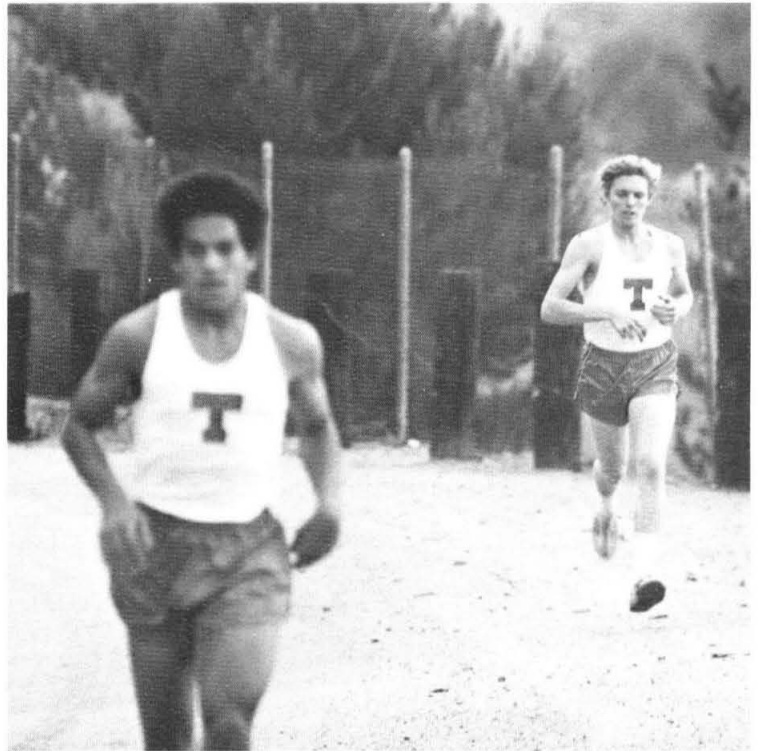
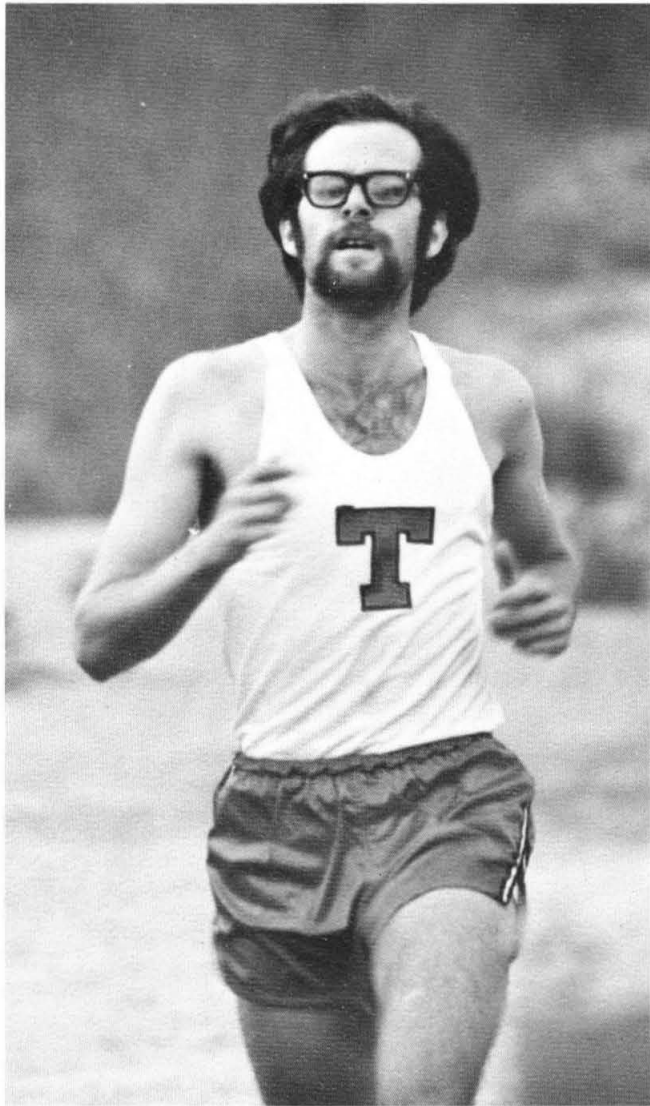
The cross-country team enjoyed a fairly successful fall season. Competition in the tough SCIAC was rougher than ever on the Beavers, and they failed to win a dual meet in the league. However, they came up with a good performance in the league meet, beating Pomona College out for fifth place and ending up in a tie with Pomona in SCIAC standings. Every team in the SCIAC was improved, except perhaps Redlands, who had three top runners, but no one to back them up in team scoring. Caltech did manage to win three meets from independents and ended the season with a 3 and 6 record.

The team was led by Martin Smith, captain and the first finisher in every meet but one. Martin is a senior and will be missed in 1971. Gary Pope, sophomore; Ratchford Higgins, junior; Alan Kleinsasser, frosh; Tim Tardiff, senior; and Dan Reichel, sophomore, made up the remainder of the squad and performed in that order. Smith received the Coach's Award as the "Outstanding Cross Country Runner - 1970."

CALTECH CROSS COUNTRY RECORD - 1970

Caltech	- 19	La Verne	- 36
Claremont-Mudd	- 23	Caltech	- 32
Caltech	- 19	Cal Lutheran	- 38
Occidental	- 15	Caltech	- 47
Azusa Pacific	- 22	Caltech	- 35
Pomona	- 21	Caltech	- 35
Caltech	- 21	Pasadena College	- 37
Caltech	- 36	Redlands	- 36
Whittier	- 18	Caltech	- 37







Front: J. Munyer, J. Harrow, S. Thompson, B. Yandell, R. Durst, J. Templeton. Back: G. Eisman, J. Hall, J. Smith, J. Price, S. Offen, P. Croonquist, J. Lehmann, A. Chow, R. Gandolfi, Coach G. Morgan.

SOCCER



The record of the 1970 soccer team was pretty good and could have been outstanding had the team not lost their best scorer, Gerry Eisman, because of a broken leg midway through the season. The final record was six wins, seven losses, and one tie. Caltech finished third in the SCIAC behind repeat champion Claremont-Mudd and Pomona. Coach Morgan attributed much of the team's success to the excellent basic training Ron Kehoe gave it in past years.

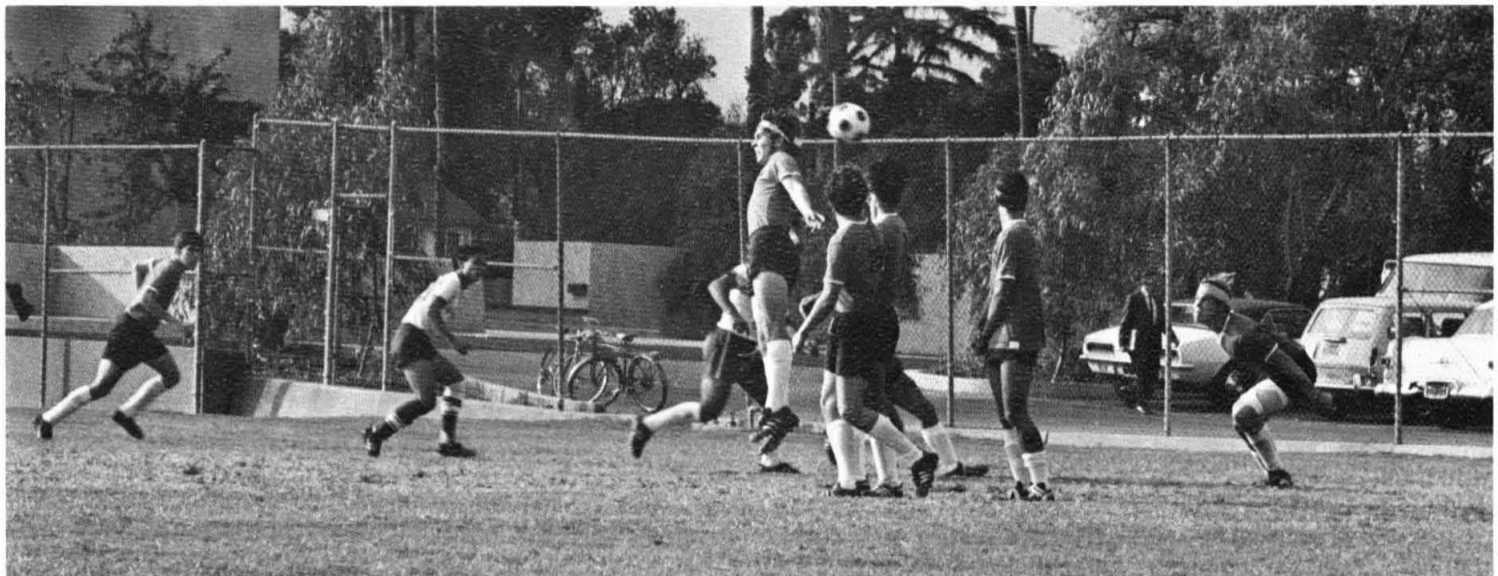
Gerry Eisman repeated as an All-SCIAC first team center forward and was also named to the NAIA District III first team. His name was submitted for consideration as an All-American along with two other players from the SCIAC. Three other Caltech players were named to the SCIAC second team: team captain Joe Templeton at goalie, Jon Hall as a half, and Ralph Graham as a forward. The "Outstanding Soccer Player" award was voted to Gerry Eisman by his teammates. Andy Chow was elected captain for the 1971 Caltech team.

Graduation by Gerry Eisman, Ralph Graham, Jon Hall, Steve Offen, and Joe Templeton will put a great deal of responsibility on the returning team members, but they proved this year that they can take a blow and come back strong, so the outlook for next year is quite good. Eddie Beckmann, Andy Chow, Bob Durst, Dave Luippold, John Rogers, and Charlie Young should be the leaders of next year's team.



CALTECH SOCCER RECORD - 1970

Caltech	- 3	Rio Hondo Academy	- 3
Cal Poly Pomona	- 4	Caltech	- 3
Claremont-Mudd	- 5	Caltech	- 2
Caltech	- 6	Pomona	- 2
Caltech	- 3	Whittier	- 2
Caltech	- 3	Redlands	- 2
Caltech	- 1	Occidental	- 0
Chapman	- 3	Caltech	- 2
Claremont-Mudd	- 3	Caltech	- 1
Pomona	- 7	Caltech	- 1
Caltech	- 7	Whittier	- 3
Redlands	- 5	Caltech	- 4
Caltech	- 1	Occidental	- 0
Biola	- 4	Caltech	- 0



BASKETBALL



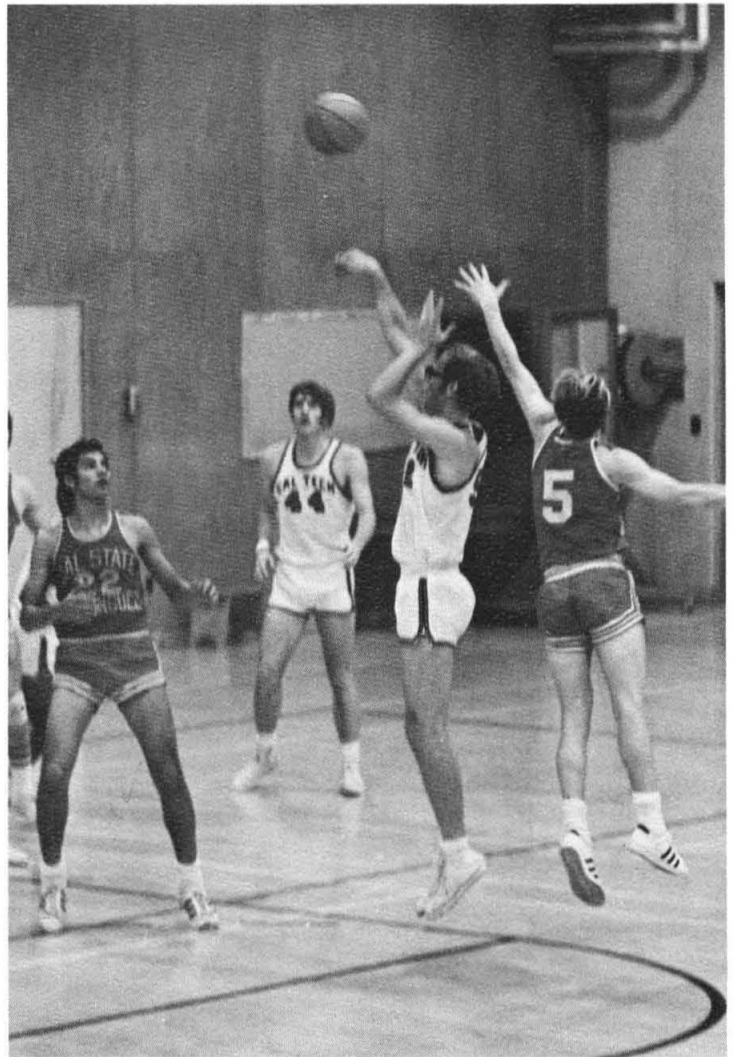
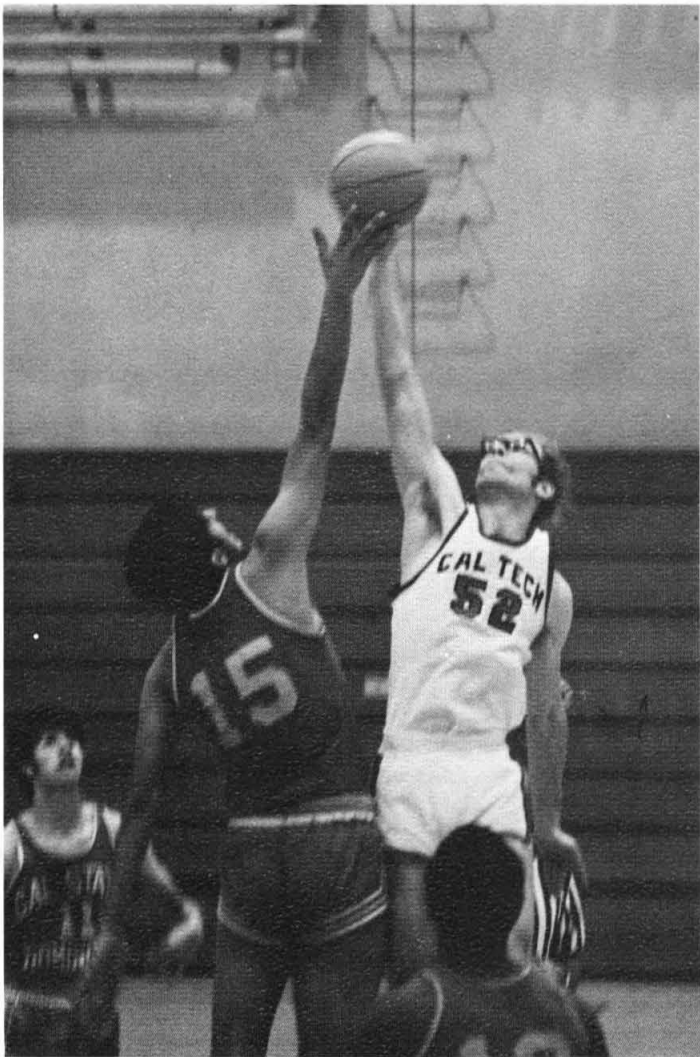
Left to right: Coach Scott, G. Prohaska, D. Wright, K. Hanson, M. Bleck, T. Heinz, J. Feely, B. Wright, D. Keenan, Coach McCreary.

The 1970-71 season ended up a success. Caltech finished fifth in the league standing, with a season record of two wins and eight losses.

Senior Tom Heinz, our starting center, was placed on the All-Conference Second Team. He was our leading rebounder and was second in scoring. Tom was nominated as Caltech's candidate for an NCAA Postgraduate Scholarship. Senior Ken Hanson, at forward, led the team in scoring and was second in rebounding. Senior Bruce Wright was our best defensive forward. Senior Gary Koenig played forward, guard, and center and had the top free-throw shooting percentage. Sophomore guard Jerry Feely led the team in assists. Sophomore Don Keenan was the fireball who kept us going. Gary Prohaska and Mark Bleck, who are also sophomores, were capable replacements at the forward spots. Freshman Durwin Wright did a tremendous job of sparking the team, mainly because of his speed and timely baskets.

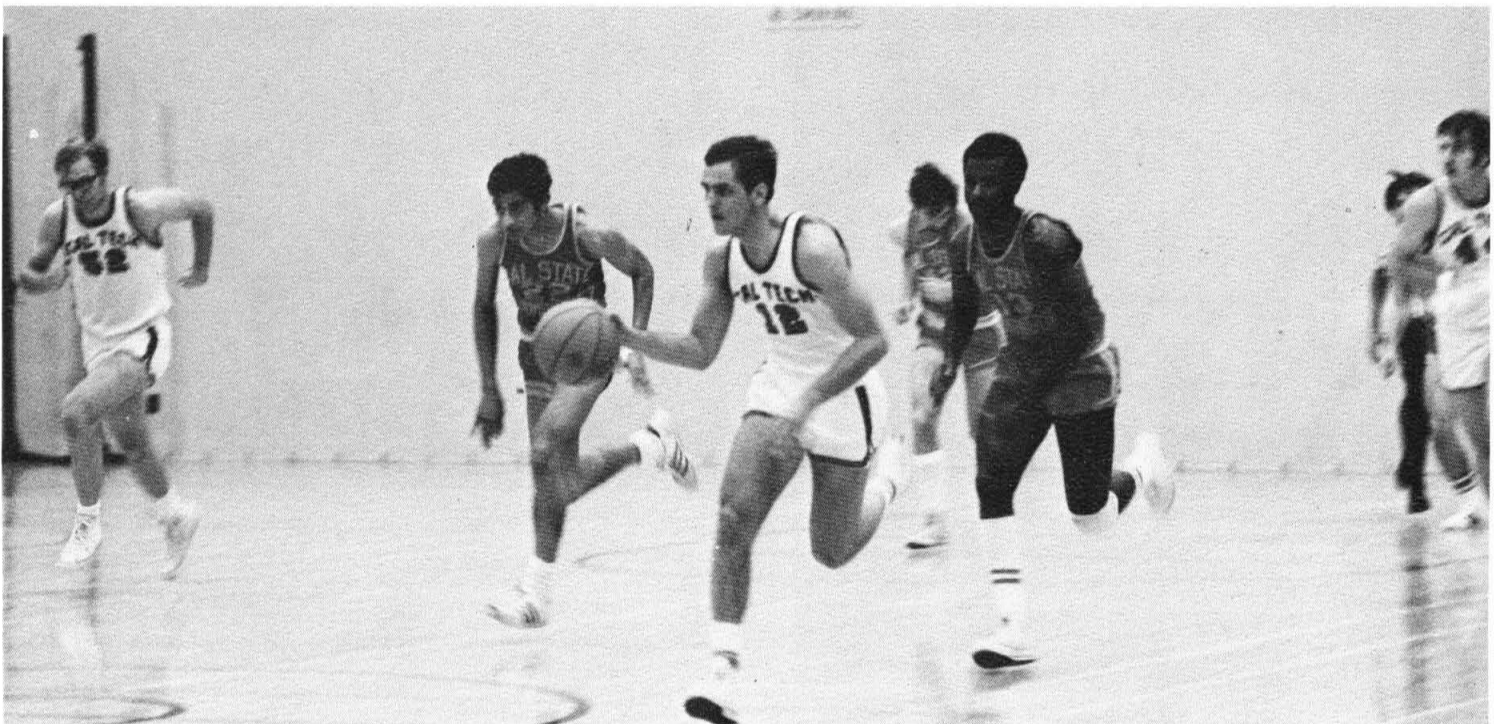
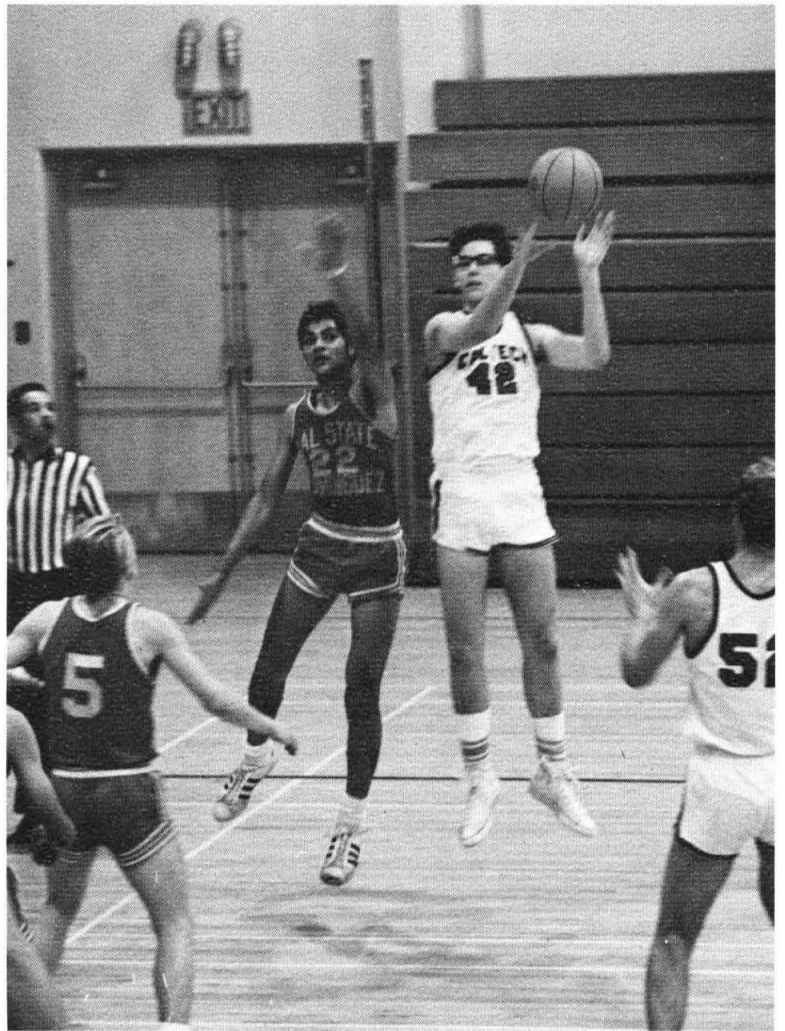
The season record was six wins and sixteen losses but could have very easily been better if the ball had bounced our way. We lost several games by only one point and some of these as the gun sounded.

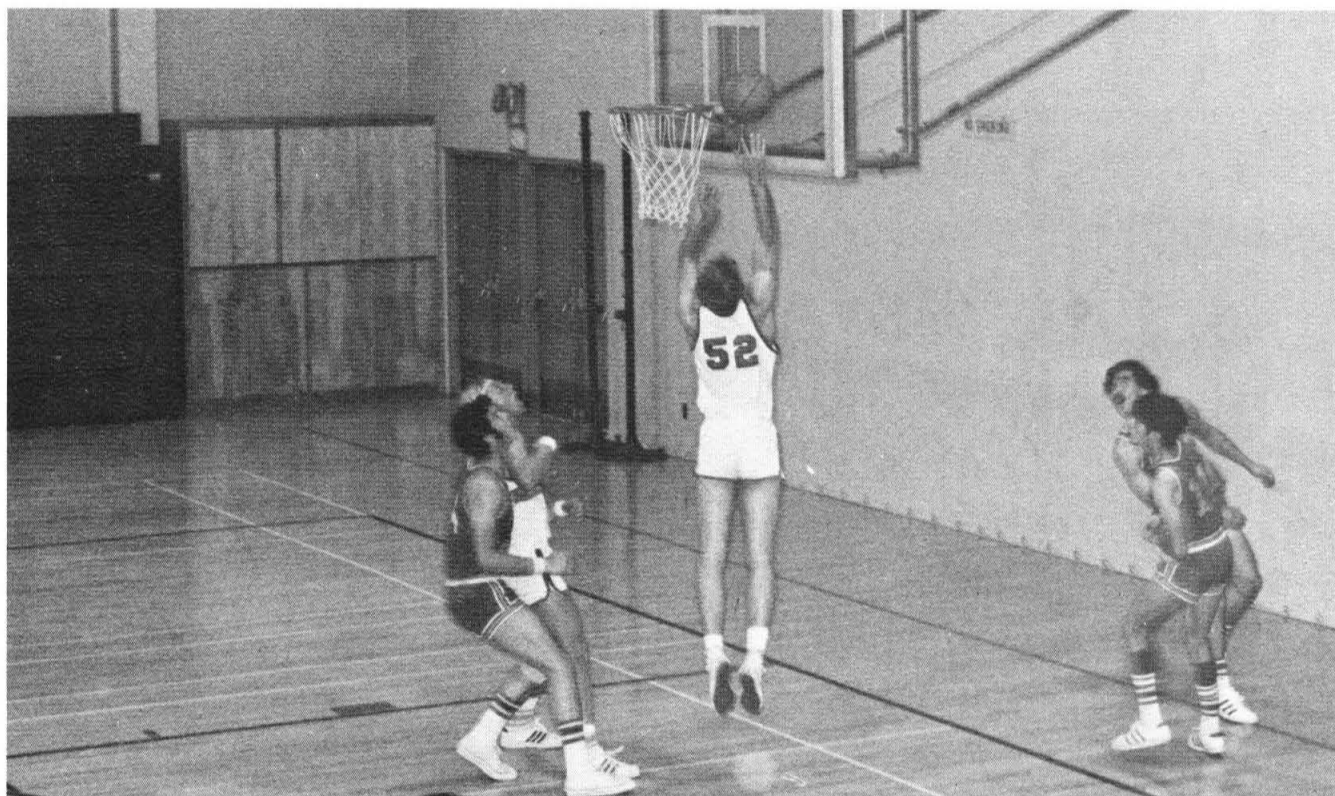
This team was in contention in every game they played this season, and it was possible for them to win every game; from the players' standpoints, they enjoyed the tension and excitement of all games, both won and lost.



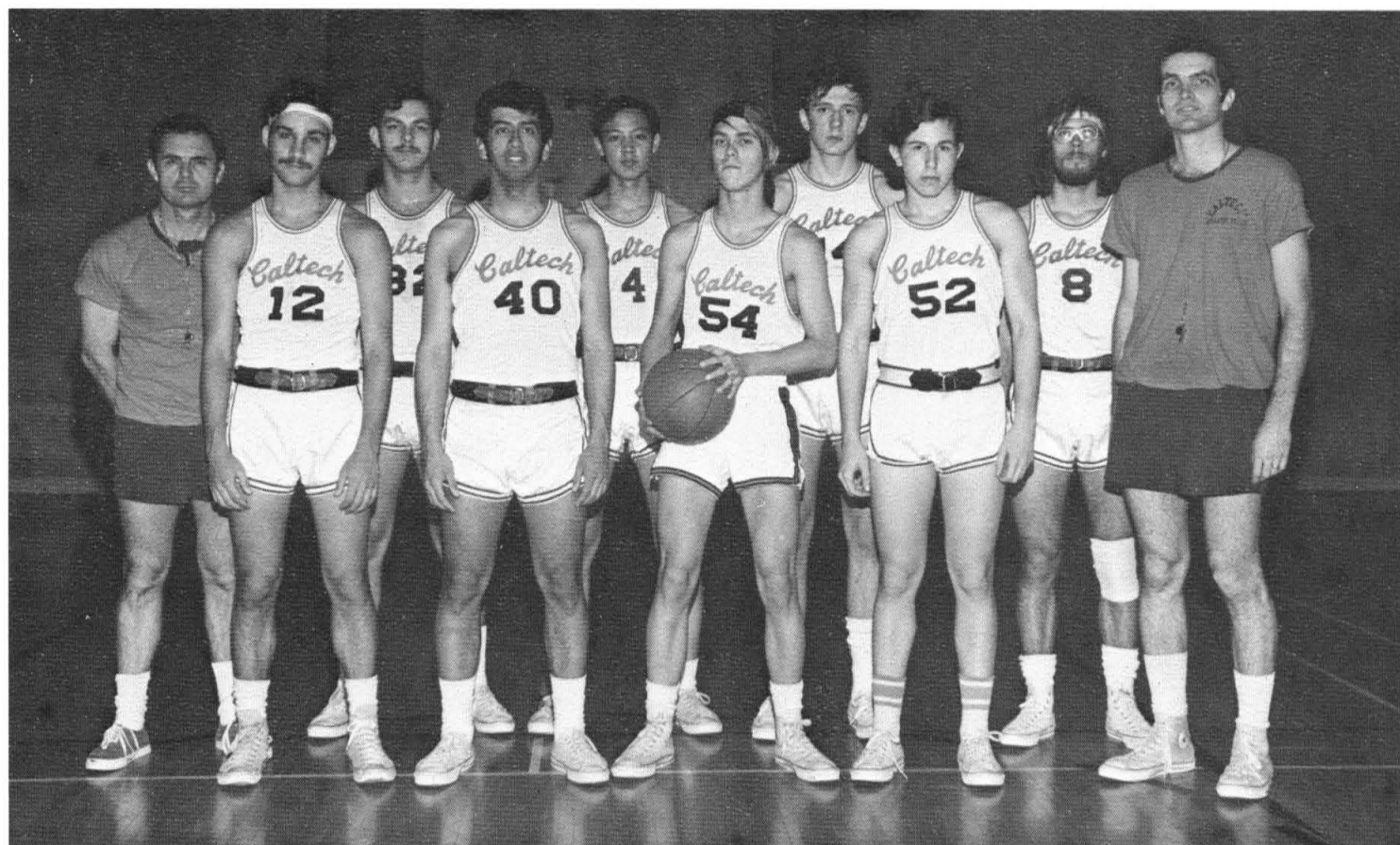
CALTECH BASKETBALL RECORD - 1970-71

Caltech	- 99	LIFE College	- 61
Cal State Dom. Hills	- 68	Caltech	- 62
Cal Baptist	101	Caltech	- 60
L.A. Baptist	- 86	Caltech	- 61
So. Cal College	- 75	Caltech	- 62
L.A. Baptist	- 78	Caltech	- 70
Caltech	- 81	LIFE College	- 54
Caltech	- 69	Claremont-Mudd	- 65
So. Cal College	- 68	Caltech	- 47
Pomona	- 83	Caltech	- 59
Occidental	- 66	Caltech	- 64
Cal State Dom. Hills	- 57	Caltech	- 54
Whittier	- 107	Caltech	- 64
Redlands	- 98	Caltech	- 62
Claremont-Mudd	- 84	Caltech	- 62
Caltech	- 89	Pacific Christian	- 53
Cal Baptist	- 80	Caltech	- 66
Caltech	- 78	Redlands	- 74
Pomona	- 49	Caltech	- 48
Caltech	- 66	Pacific Christian	- 64
Occidental	- 97	Caltech	- 77
Whittier	- 88	Caltech	- 75



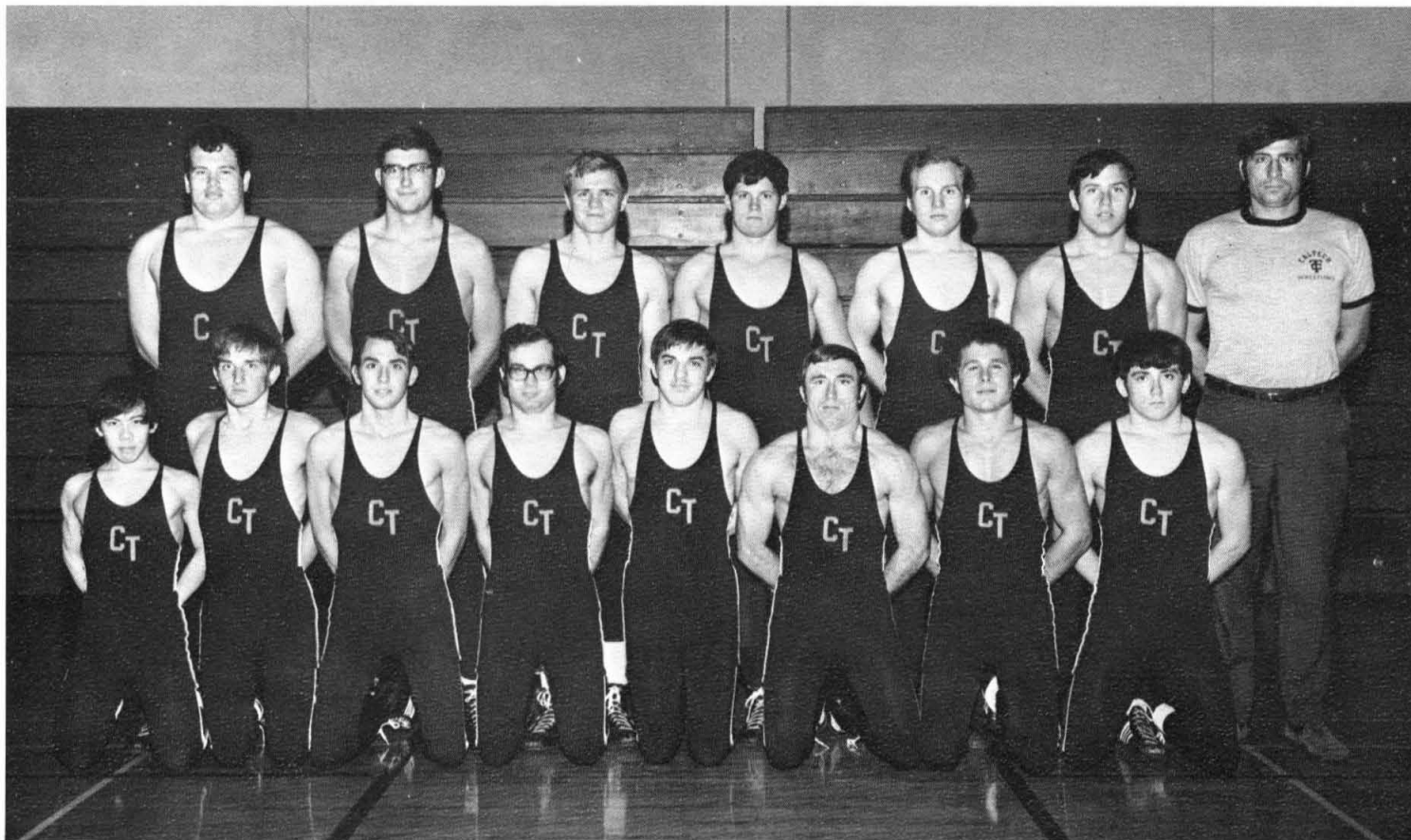


JV SQUAD

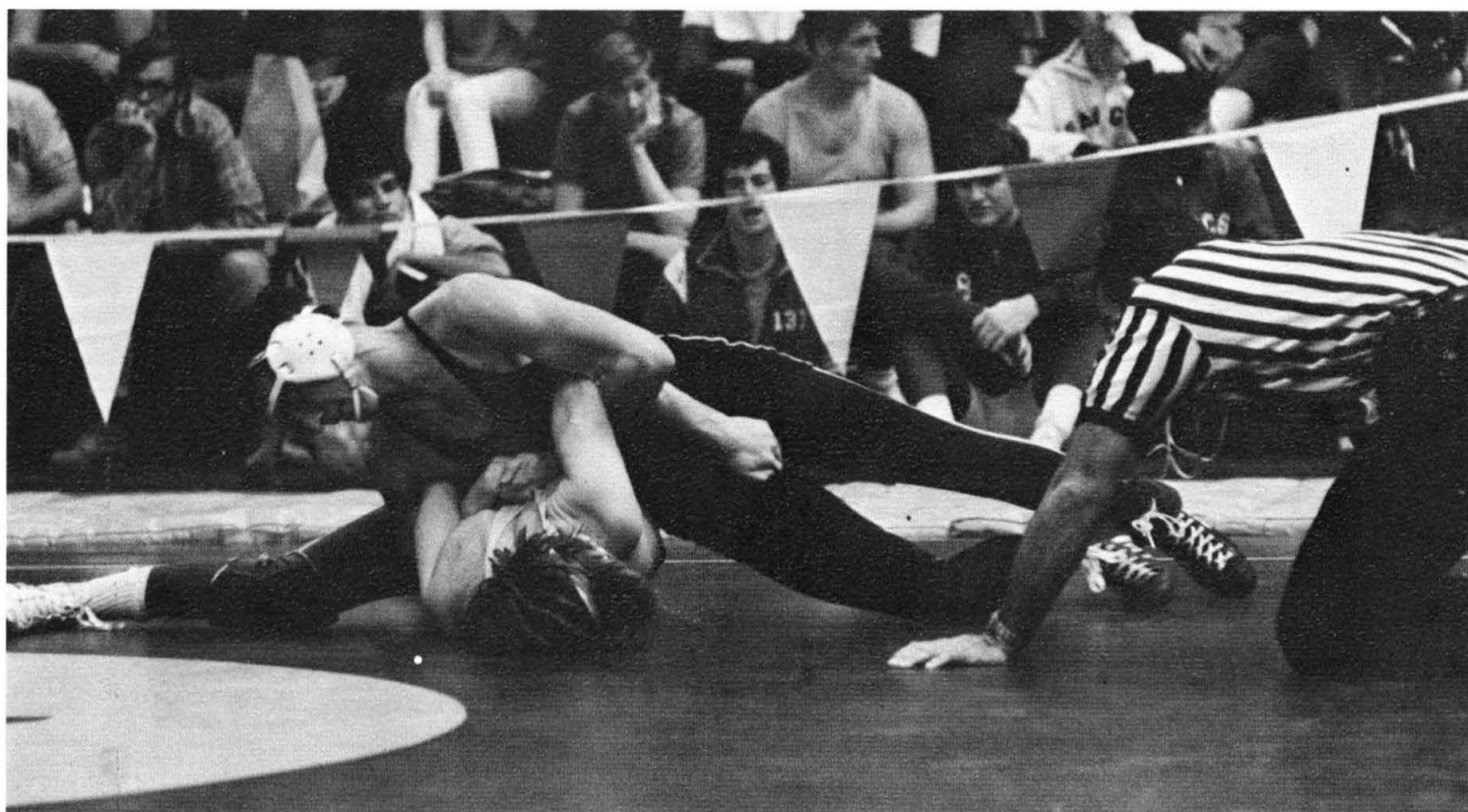


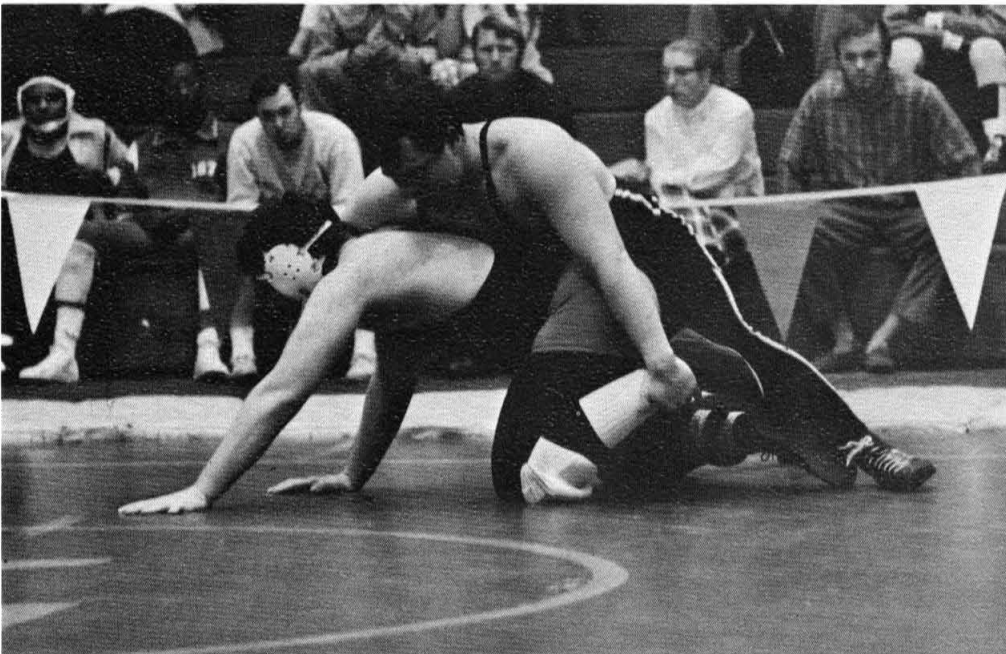
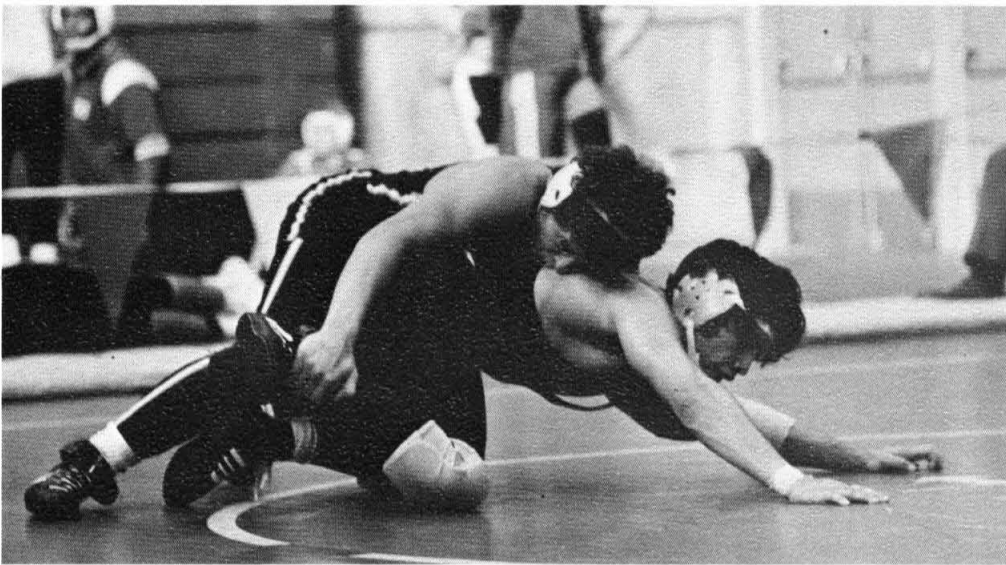
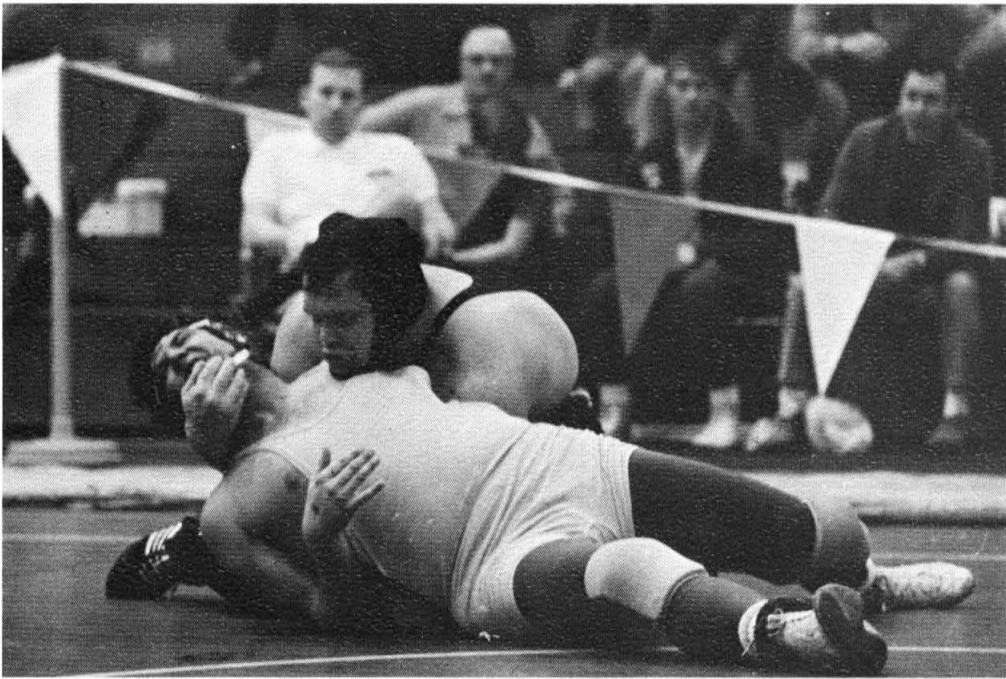
Left to right: Coach Scott, G. Frankel, J. Ellis, P. Anzaldo, B. Chun, R. Krueger, J. Schroeter, K. Winston, J. Blair, Coach McCreary.

WRESTLING



Front row, left to right: M. Chiu, R. Murphree, R. Lewis, K. Bickford, V. Fratello, G. Stone, G. Zieve, K. Walker. Back row: B. Johnson, N. Gates, R. Smoody, R. Crenshaw, J. Peterson, J. Blair, Coach Gutman.

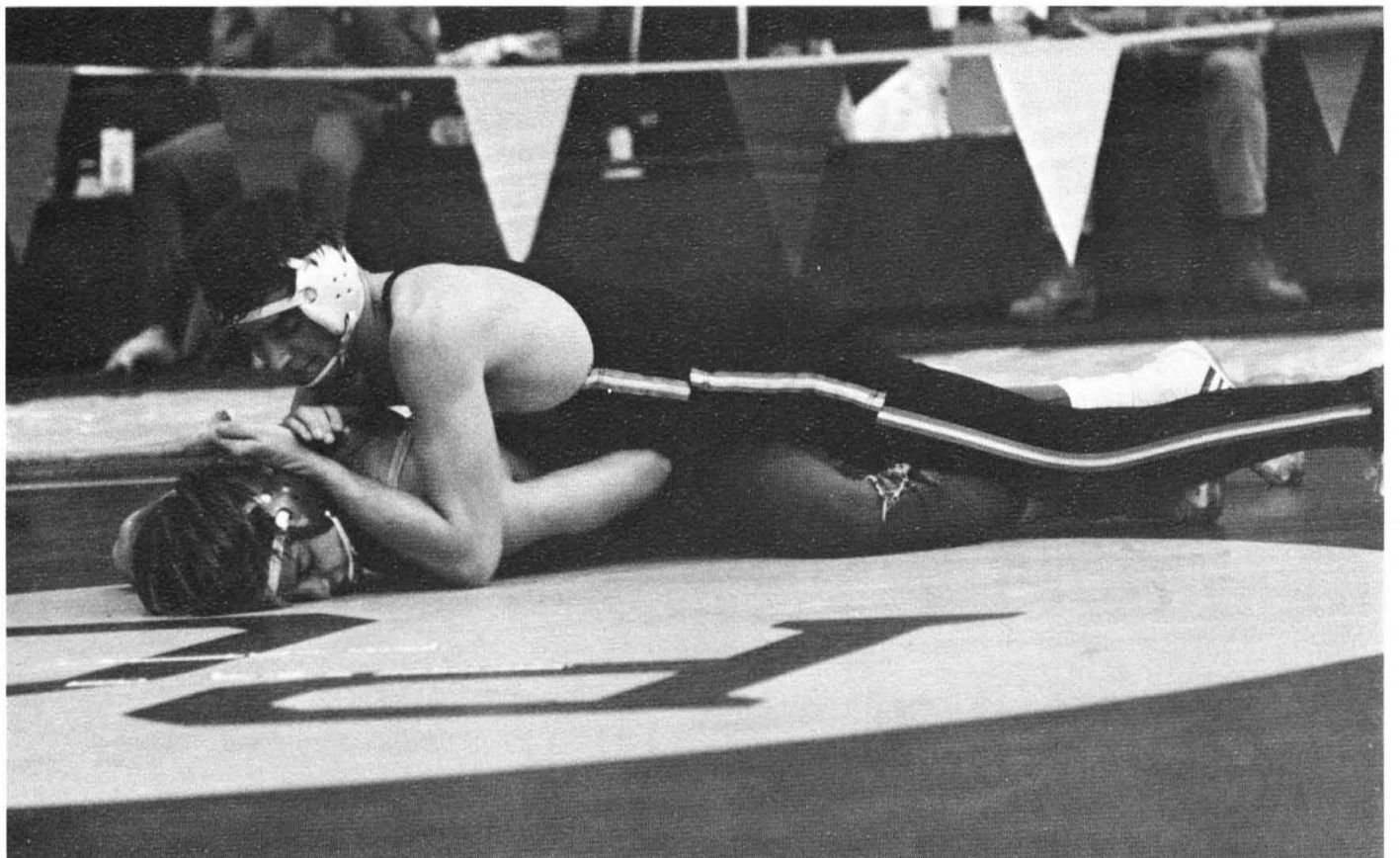
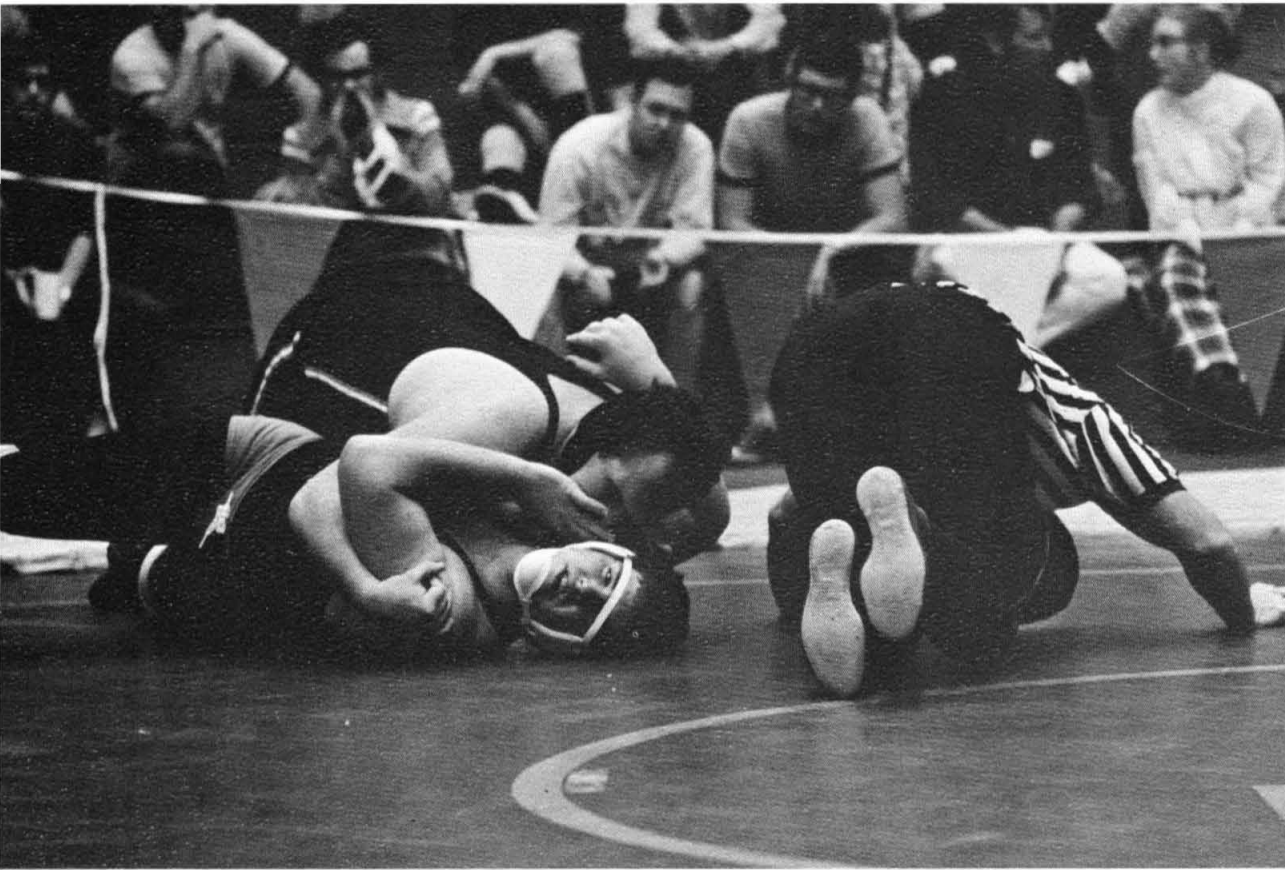


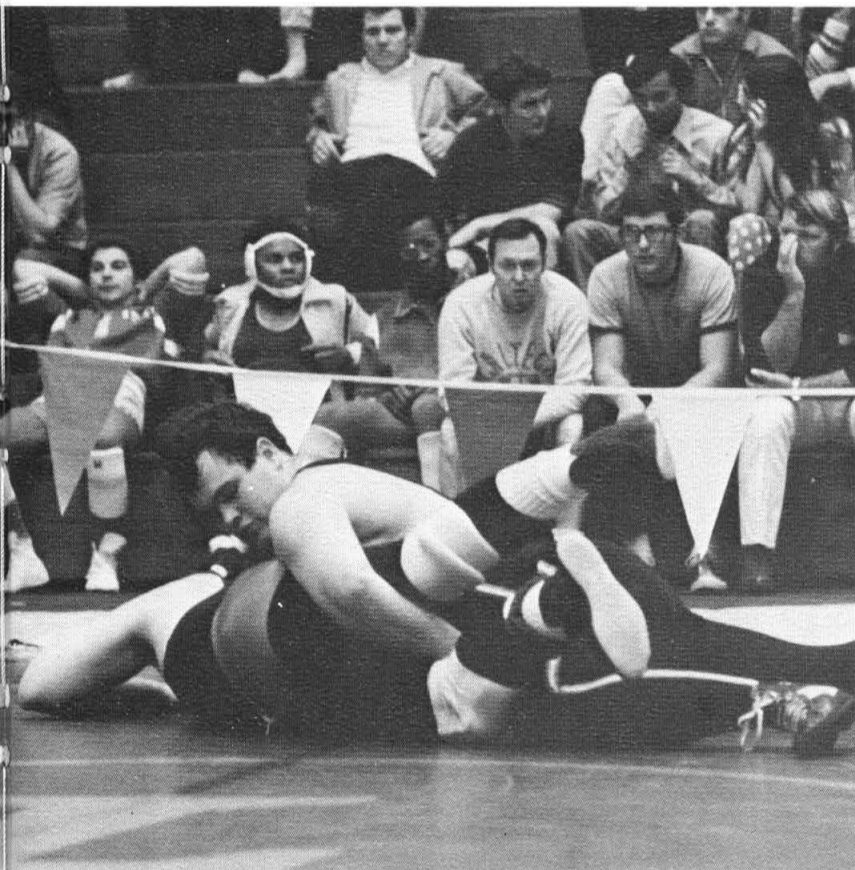


The Caltech Varsity Wrestling team has done it again. The highly talented grapplers captured, for the second year in a row, the SCIAC Championship (this year co-winning with Pomona). The SCIAC Championship Tournament was a complete success. Caltech won first place with 71 points and had four first-place weight class winners, three thirds and one fourth. The champions were 134-lb Randy Lewis (Captain), 150-lb Gary Zieve, 190-lb Rik Smoody, and Hwt. Bruce Johnson. Bob Murphree, 126-lb; Ken Walker, 158-lb; and Russ Crenshaw, 167-lb captured third place. 142-lb Ken Bickford won fourth place.

This year's squad started with many green but willing young wrestlers. It was obvious to see that everyone was interested in following in the footsteps of last season's championship squad. With a slow start, the team began to mature into a highly competitive and effective unit. Even with forfeiting one weight class throughout the season, the Caltech wrestlers had a very impressive dual match record of 9 wins, 4 losses, and 1 tie. In tournament competition, Caltech did extremely well. Its tournament record was one first, one second, and two thirds. With a team that improved like Caltech's wrestling squad, the end of the season produced the most impressive highlights of the year. After winning the Conference championship, Caltech took a third place in the NAIA District III Wrestling Championship Tournament. This is the highest ranking in NAIA District III in the history of Caltech wrestling.

The coaches anxiously await next season. With no seniors on the squad and everyone returning, Caltech championship wrestling appears to be here to stay. The credit must go to the wrestlers, for they have given much of themselves to attain what they have earned, the right to be known as champions.



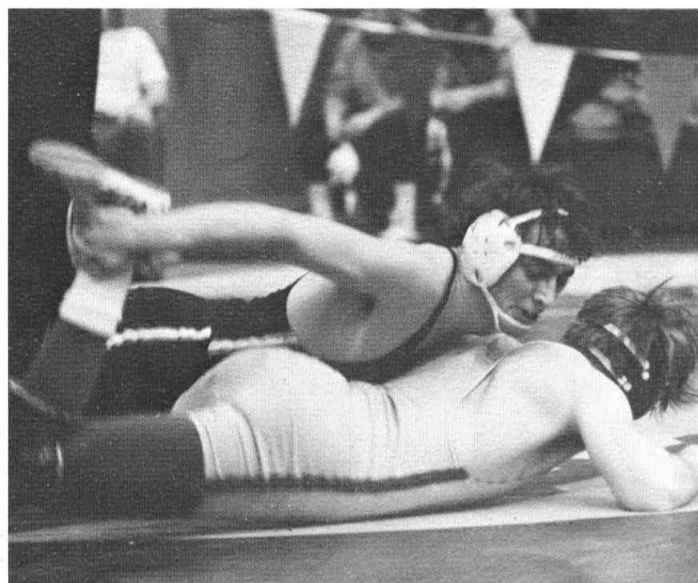
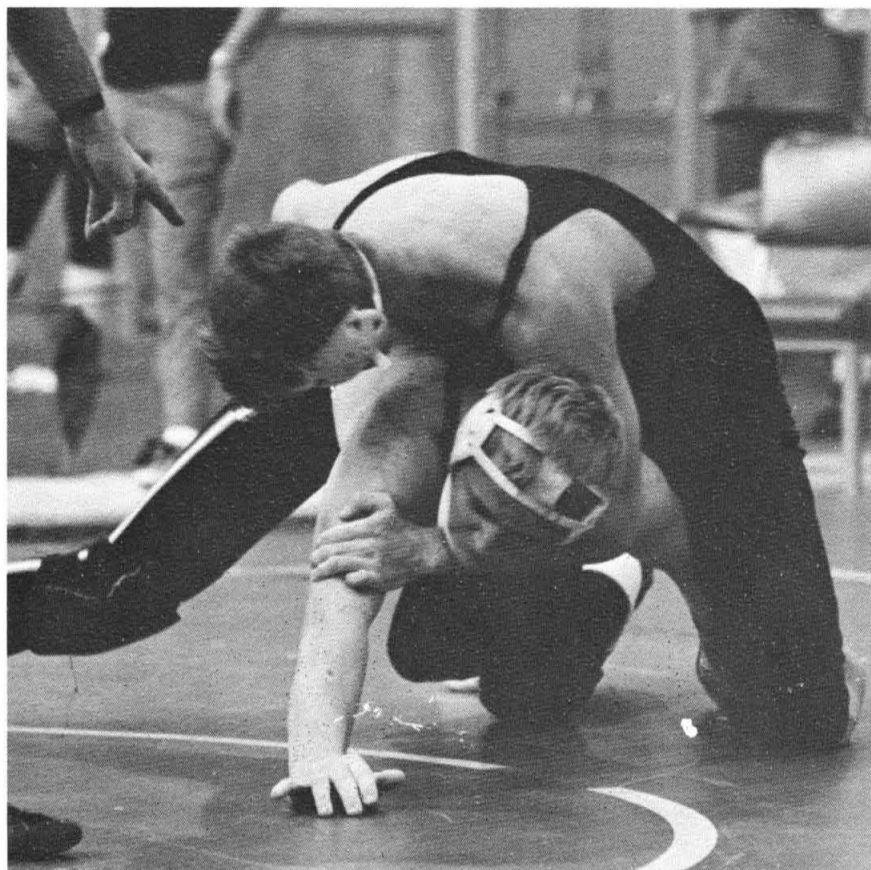


CALTECH WRESTLING RECORD - 1970-71

Caltech	- 25	Cal Lutheran	- 11
Caltech	- 35	Azusa Pacific	- 3
Caltech	- 43	La Verne	- 5
Biola	- 22	Caltech	- 16
San Fernando Valley St.	- 22	Caltech	- 16
Caltech	- 29	Claremont-Mudd	- 15
Caltech	- 24	Trade Tech	- 18
Redlands	- 21	Caltech	- 14
Pomona	- 24	Caltech	- 18
UC San Diego	- 28	Caltech	- 16
Caltech	- 25	Pasadena College	- 20
Caltech	- 26	UC Riverside	- 15
Caltech	- 33	LA City College	- 15
Caltech	- 21	Whittier	- 21

TOURNAMENTS

Caltech Invitational	Third
Biola Tournament	Second
SCIAC All-Conference	First
NAIA District III	Third



SWIMMING

The 1971 season began poorly when last season's super star Steve Sheffield decided not to swim. Without Sheffield, our main point-getters were Bob Coleman, Tim Hight (captain), Bob Hall and Jim Jakway. Divers Greg Beall and Alan Rice were also among the high-point men. In the SCIAC All-Conference Swimming Meet, our swimmers narrowly missed placing third, as some upset victories allowed Redlands to outscore us by 11 points. The meet, however, was not without its high points. Coleman broke two Caltech freshman records in the 200 yard individual medley and the 200 yard backstroke. In the SCIAC Relays, we placed third, beating Redlands this time. The Dual Meet results were disappointing, our only victory being the one over Pomona. However, with most of the team returning and a number of outstanding frosh swimmers, next year should look promising.

SCIAC CONFERENCE MEET

1st	Claremont-Mudd	516
2nd	Occidental	316
3rd	Redlands	172
4th	Caltech	161
5th	Pomona	65

SCIAC CONFERENCE RELAYS

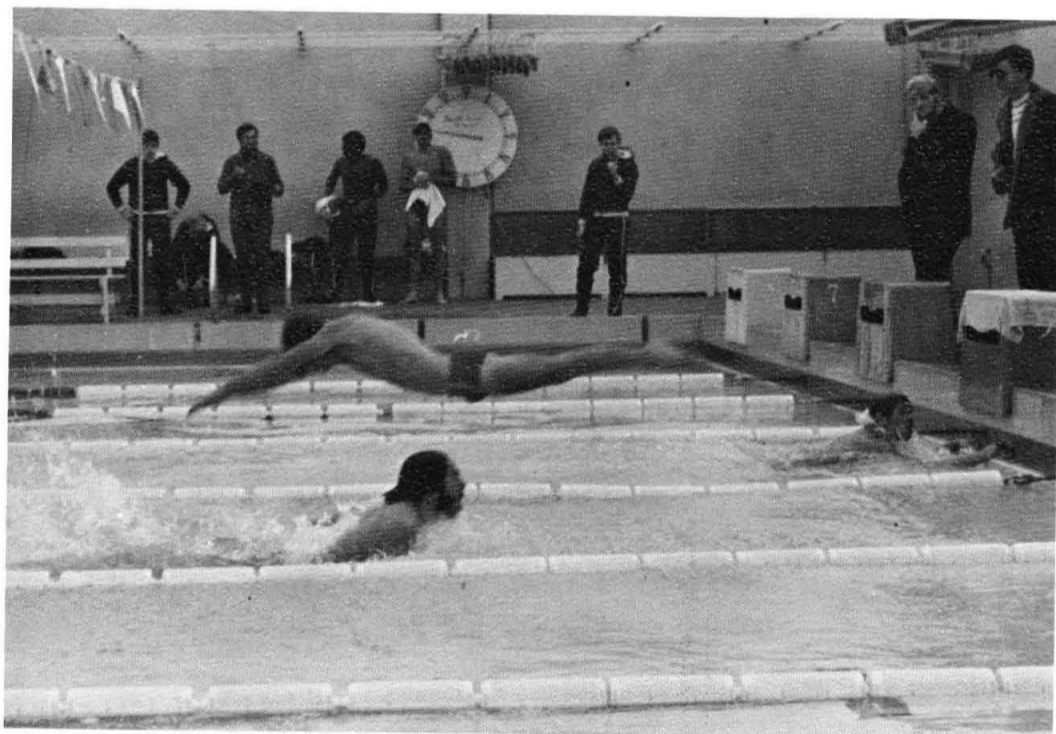
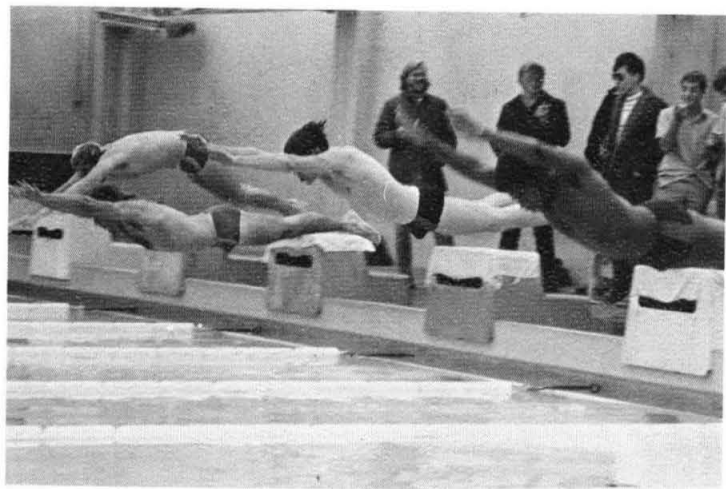
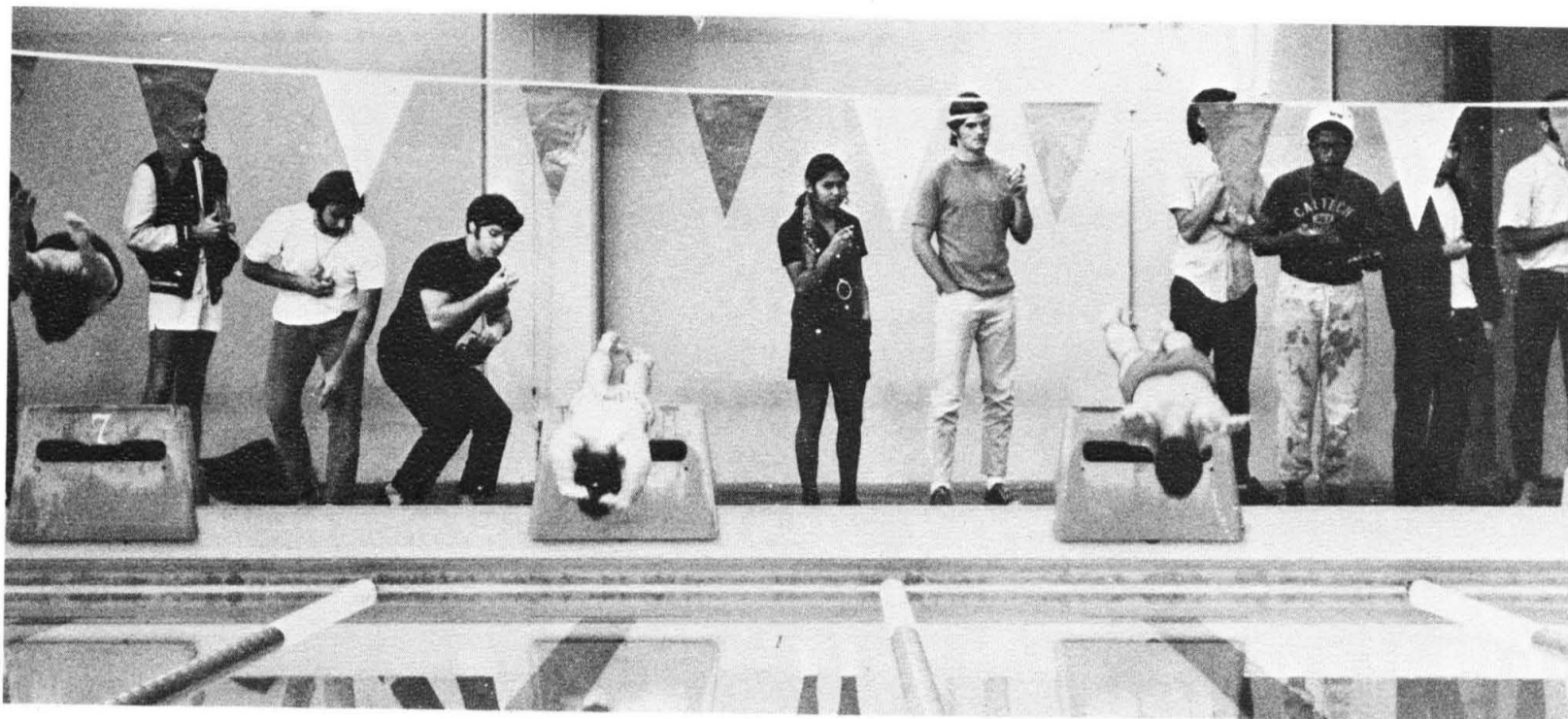
1st	Claremont-Mudd
2nd	Occidental
3rd	Caltech
4th	Redlands
5th	Pomona

DUAL MEETS

Caltech	- 48	UC San Diego	- 65
Caltech	- 43	Cal State LA	- 69
Caltech	- 39	UC Riverside	- 74
Caltech	- 31	Occidental	- 80
Caltech	- 33	Claremont-Mudd	- 80
Caltech	- 71	Pomona	- 42
Caltech	- 47	Santa Ana JC	- 66
Caltech	- 42	Redlands	- 71
Caltech	- 1	Coll of the Des	- 0 (forfeit)



From left to right: Reck, Bitondo, Coleman, Beall, Fielder, Shields, St. John, Sherrer, Kay, Schachter, Jakway, Hight, Rice, Harmon, Kieckhefer.



FENCING



Left to right: D. Agnew, M. Puryear, G. Conway, T. Weaver, J. Aach, H. Law, D. Peterson, D. Loh, L. November, N. Pendegrift, W. Chia, Coach Calvert.

The 1971 Caltech Fencing team had mixed success. While the Foil team had a disappointing season, the Epee team had great success and missed the championship of the Southern California Intercollegiate Fencing Conference by only a few bouts. They lost only to Cal State Los Angeles and defeated UCLA, San Fernando Valley State, Los Angeles Valley College, USC, and UC Santa Barbara. The Epee team was given much help by a graduate student, Gerald Conway, and he is to be congratulated for his efforts.

The Foil team was composed of William Chia, David A. Smith, and Norm Pendegrift, who dropped midseason, weakening this unit considerably. Alternate members of the Foil unit were John Aach, Laurence November, Darrell Peterson, and Mark Puryear. All have additional eligibility, so the future looks quite good.

The Epee team was made up of Henry Law, Dennis Loh, and Thomas Weaver, and they are returning next year, with the exception of Weaver, who graduates.

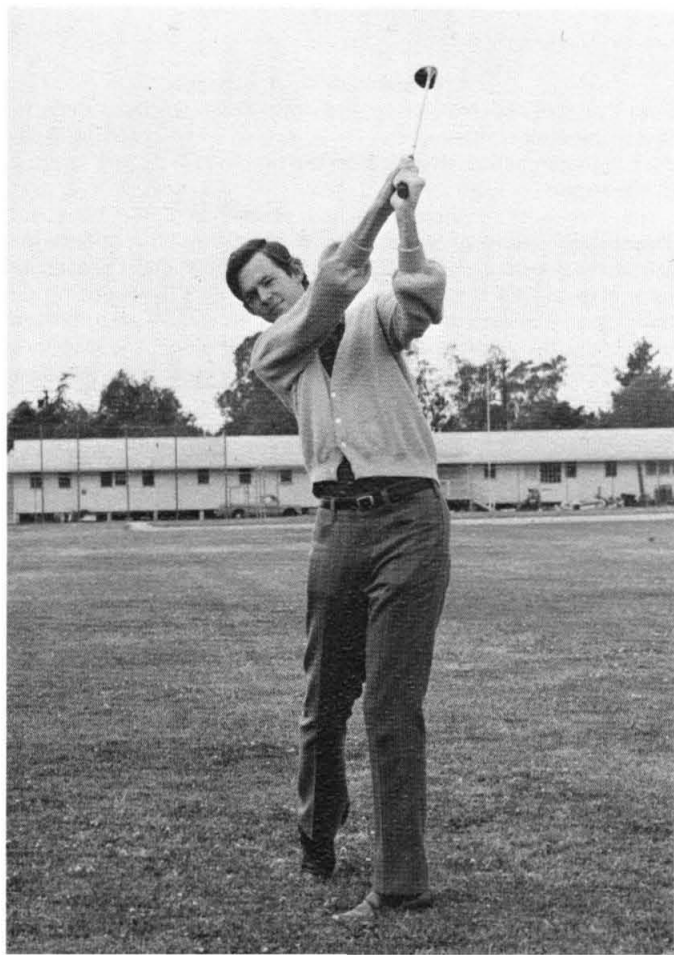
CALTECH FENCING RECORD - 1970-71

Foil				Epee			
Caltech	- 6	San Fernando Valley St.	- 3	Caltech	- 6	San Fernando Valley St.	- 3
USC	- 7	Caltech	- 2	Caltech	- 7	USC	- 2
LA Valley Coll.	- 5	Caltech	- 4	Caltech	- 5	LA Valley Coll.	- 4
UCLA	- 8	Caltech	- 1	Caltech	- 5	UCLA	- 4
UC Santa Barbara	- 7	Caltech	- 2	Caltech	- 7	UC Santa Barbara	- 2
Cal State LA	- 8	Caltech	- 1	Cal State LA	- 7	Caltech	- 2



From left to right: Coach Hal Cassriel, Bob Hammond, Jeff Borders, Frank Hobbs, Roger Goodspeed (captain), Jim Simmons.

GOLF



The Varsity Golf Team had a rather disappointing season in that they were expected to have one of the strongest teams in recent years. The team won several pre-season games but their momentum never carried through. The dual matches were often played with less than the normal six-man team for various reasons such as injuries, illnesses and conflicts with class schedules. All these taken into consideration, the team did rather well. In the conference games, they fielded a five-man team but still managed to beat Whittier by 29-25. They lost to Occidental but only by 26-28. In the All-Conference Meet, played at our home course, Caltech finished ahead of the Pomona team in medal play competition. Some excellent golf was played the early part of the season, especially by Jeff Borders, Roger Goodspeed and Jim Simmons, all of whom are returning next year. Jim Simmons was awarded the J.B. Earl Trophy for the Outstanding Golfer of 1971.

TENNIS



From left to right: John Zima, Arthur Ellis, Jim Crawford (captain), Bruce Jacobsen, Bruce Eisenhart, Andrew Chow, Patrick McCrea, Coach John Lamb (not pictured: Ken Pischel & Neil Risch).

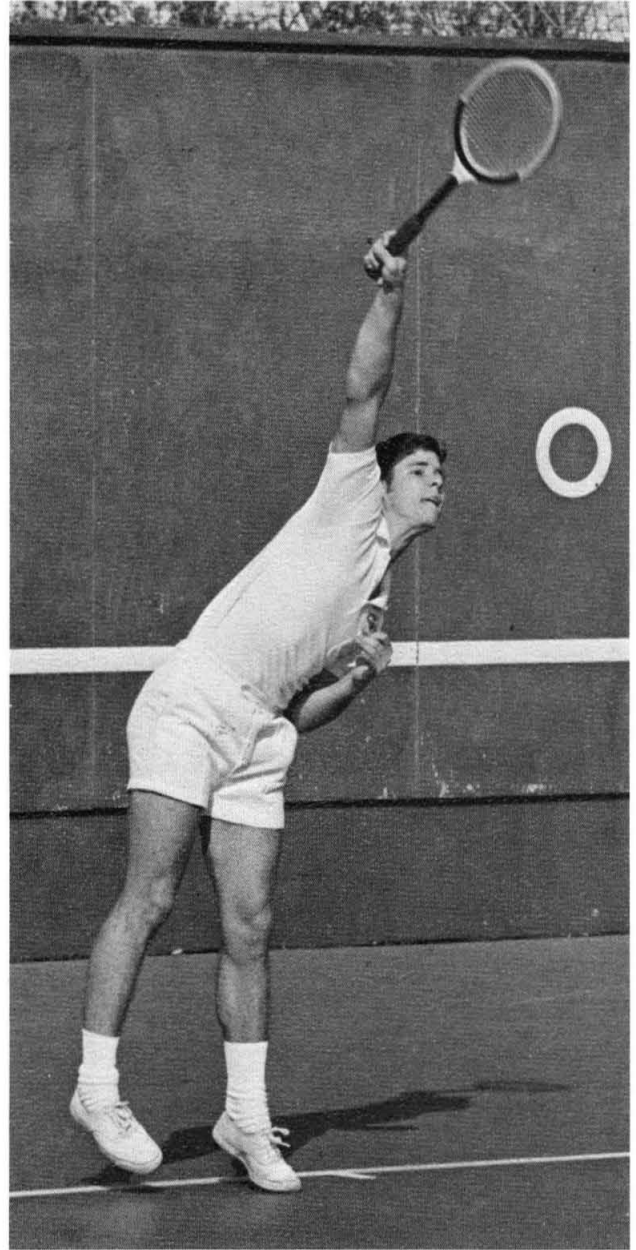
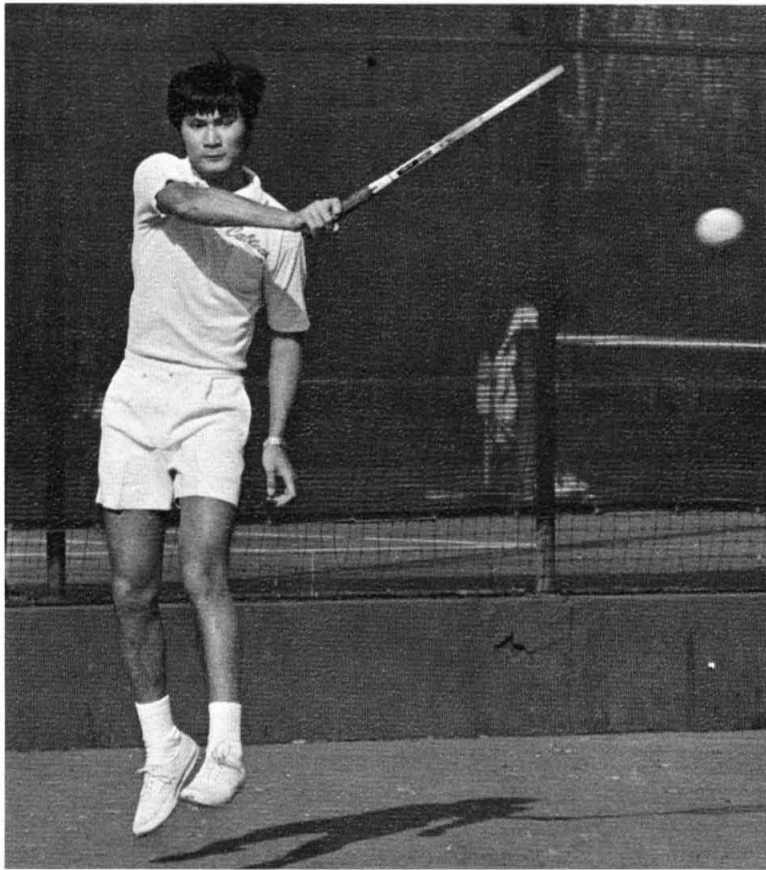
The Caltech Varsity Tennis team had a most unusual season. For the first time in twenty years, they were unable to win a team match. In all fairness to the squad however, it should be pointed out that several key men, such as Ken Pischel and Don Smith, did not finish the season for one reason or other, and this probably contributed to the "record". The closest they came to winning a league match was against Whittier, where they won four of the six single matches, but lost all three double matches, one at 7-5 in the third set.

The Junior Varsity Squad was decimated as men began to fill in for injured varsity players, and was unable to complete the season. As the season ended, the line-up was Andrew Chow, Bruce Jacobsen, Bruce Eisenhart, Jim Crawford, Arthur

Ellis, Pat McCrea, Neil Risch and John Zima. Of these players, Bruce Jacobsen showed the most improvement, moving from #2 on the junior varsity to #2 on the varsity. He should prove a fine addition for future years.

In retrospect, it seems that our players at Caltech are not weaker than those of previous seasons, but that our opponents are getting stronger. In the SCIAC, Redlands again proved to be too strong for the rest of the league, with Claremont-Mudd being their closest competitor. Pomona finished third, followed by Occidental, Whittier and Caltech, in that order. The league is adding La Verne next year, and it will be interesting to see how they affect our league standings.

- Coach Johnny Lamb



TENNIS RESULTS - 1971

Caltech	1	Loyola University	8
Caltech	2	Cal Lutheran	7
Caltech	6	Caltech Faculty	6
Caltech	0	U. of San Diego	9
Caltech	0	Redlands	9
Caltech	1	Occidental	8
Caltech	0	Claremont-Mudd	9
Caltech	½	Whittier	8½
Caltech	0	Pomona	9
Caltech	1	Cal Lutheran	8
Caltech	4	Cal State Dom. Hills	5
Caltech	2½	Occidental	6½
Caltech	2	Pasadena College	7
Caltech	0	Claremont-Mudd	9
Caltech	1	Pomona	8
Caltech	4	Whittier	5
Caltech	2	Azusa Pacific	7
Caltech	0	Redlands	9
Caltech	2	Pasadena College	7



It's the real thing. Coke.

CALTECH BEAVERS

	1	2	3	4	5	6	7	8	9	10	Total
--	---	---	---	---	---	---	---	---	---	----	-------



Front row, left to right: P. Gschwend, R. Pleva, M. Arenton, J. Tristano, W. Delaney, A. Richards. Back row: Coach Preisler, T. Howell, B. Johnson, K. Hanson, J. Feely, D. Turner, P. Nolan, M. Yoder.

BASEBALL

The Beavers' Conference season started with a "Big Bang" when Tom Howell led off the first game by hitting a home run out of the park on the first pitch. This lead, however, was short-lived, as Redlands went on to win the game. Personnel shortage, particularly in the ranks of pitching, was the underlying cause of our team losing most of its games after winning four straight.

Tom Howell, the most versatile player on the Beaver nine, led his team in practically all categories. They included: batting average (.329), most runs (16), most hits (25), most home runs (2), and most stolen bases (6). During the season, southpaw Howell played center field, first base, pitcher, and catcher; he could have done an outstanding job at other positions on the team. Tom was the most effective pitcher on the squad, winning two games on a 4.227 ERA.

Tom was unanimously selected to the All-SCIAC Second Team as an outfielder. His teammates also recognized Tom's value to the team by voting him the winner of the Alumni Baseball Trophy.

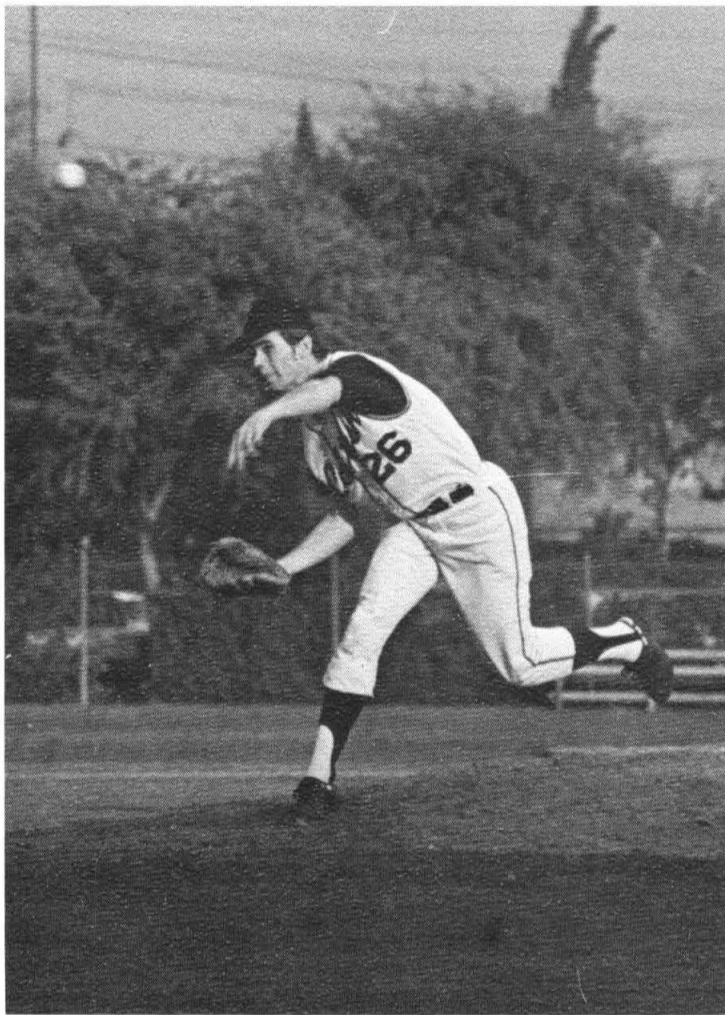
Arnie Richards did an outstanding job as Caltech's number-one catcher despite the fact that Arnie had never played that most difficult position before. Arnie was one of the most consistent hitters on the squad, ranking second in hitting to Howell. In addition to his chores as catcher, Arnie tried his hand at pitching and in 26 innings led the team with a respectable 1.385 ERA.

Captain Dave Turner led the team in the RBI category for all games, with a total of 11, while Bill Delaney led in receiving 10 walks in Conference play, and 19 overall.

Bob Pleva, the only freshman on the squad, made rapid progress in both fielding and hitting and appears to have a bright future if he continues to improve.

The starting line-up was usually as follows: Tom Howell (.329) - CF, Bob Pleva (.159) - SS, Jerry Feely (.181) - 2B, Dave Turner (.165) - P, Arnie Richards (.190) - C, Ken Hanson (.138) - 1B, Phil Gschwend (.085) - 3B, Bill Delaney (.117) - LF, Mike Arenton (.056) - RF.

Claremont-Harvey Mudd repeated as Conference champions after defeating Oxy in a showdown battle; both were selected to compete in the District III playoffs.



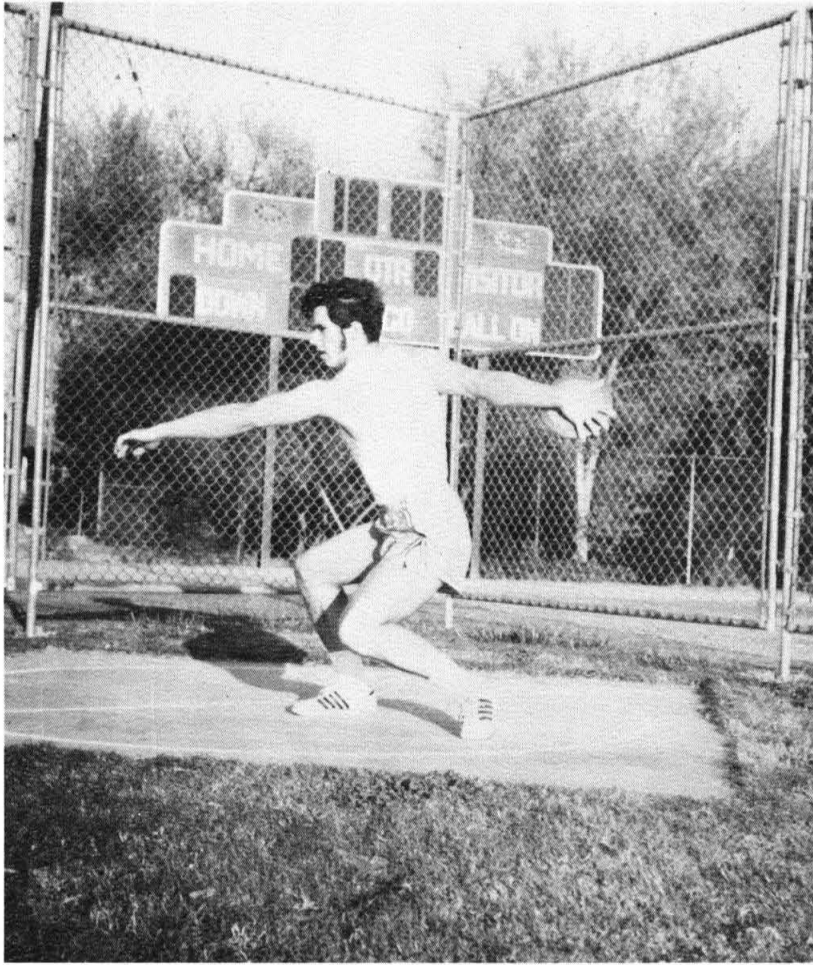
TRACK AND FIELD



From left to right: Coach William Smith, Manager Joseph Rayhawk, Alan Kleinsasser, Jeff Hurn, Steve Watkins, Bob Ellgas, Leo Pilachowski, Gary Stormo, Garold Adamson, Craig Broskow, Brian Cox, Charles Almquist, Stewart Sando, Ratchford Higgins, Coach Bert LaBrucherie.

A severe shortage of personnel plagued the Beaver Track Team during the past season, and the result was one of the poorest in many years. During the final weeks of the season, the team was comprised of only thirteen competitors. Only one win was registered, that against Claremont-Harvey Mudd. This win salvaged a tie for fifth place in the Conference standings. Despite this poor result, the team had several outstanding athletes. Freshman Alan Kleinsasser broke the school 880-yard record by running 1:54.4 in his win in the Occidental dual meet. He subsequently broke his own record three times, the best being 1:52.2. Charles Almquist, running the 440 Intermediate Hurdles, performed well all season, and barely missed the school record of 55.0 by .2 of a second. Gary Stormo, long jumper, triple jumper and sprinter, did consistently well all season, and was the point-getter in the team. With most of the top athletes returning, the team should have better luck next year.





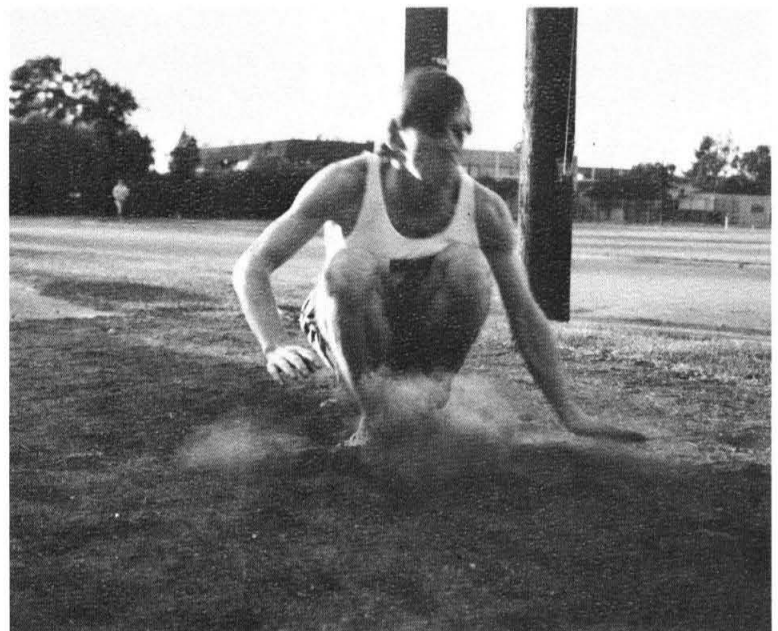
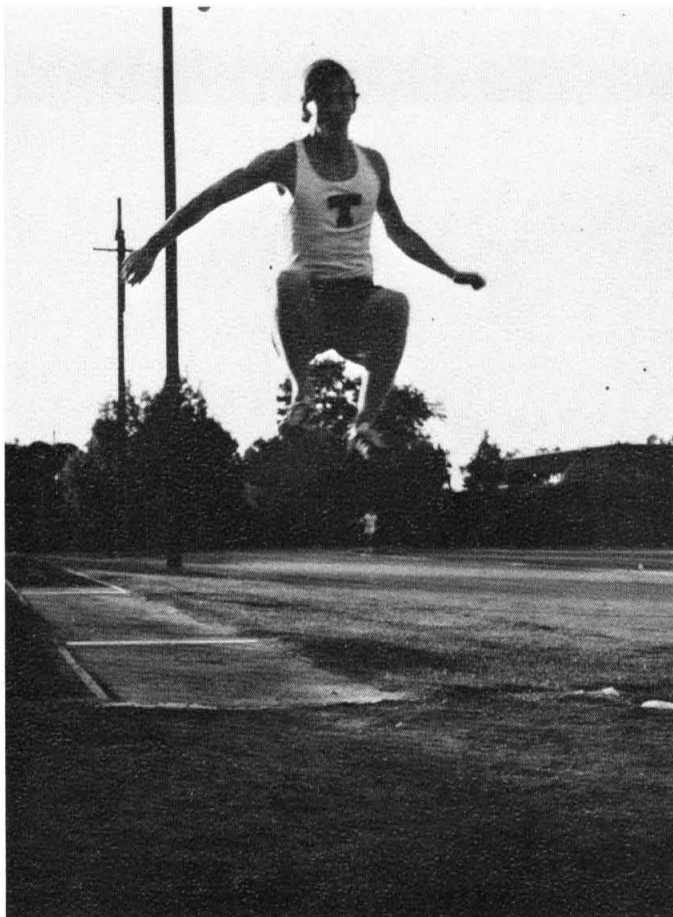
DUAL MEET RESULTS

Caltech	44	Redlands	100
Caltech	74	Claremont-Mudd	71
Caltech	40	Pomona	105
Caltech	19	Occidental	126
Caltech	66	Pasadena	77
Caltech	34 ½	Cal Lutheran	110 ½
Caltech	36	Whittier	108

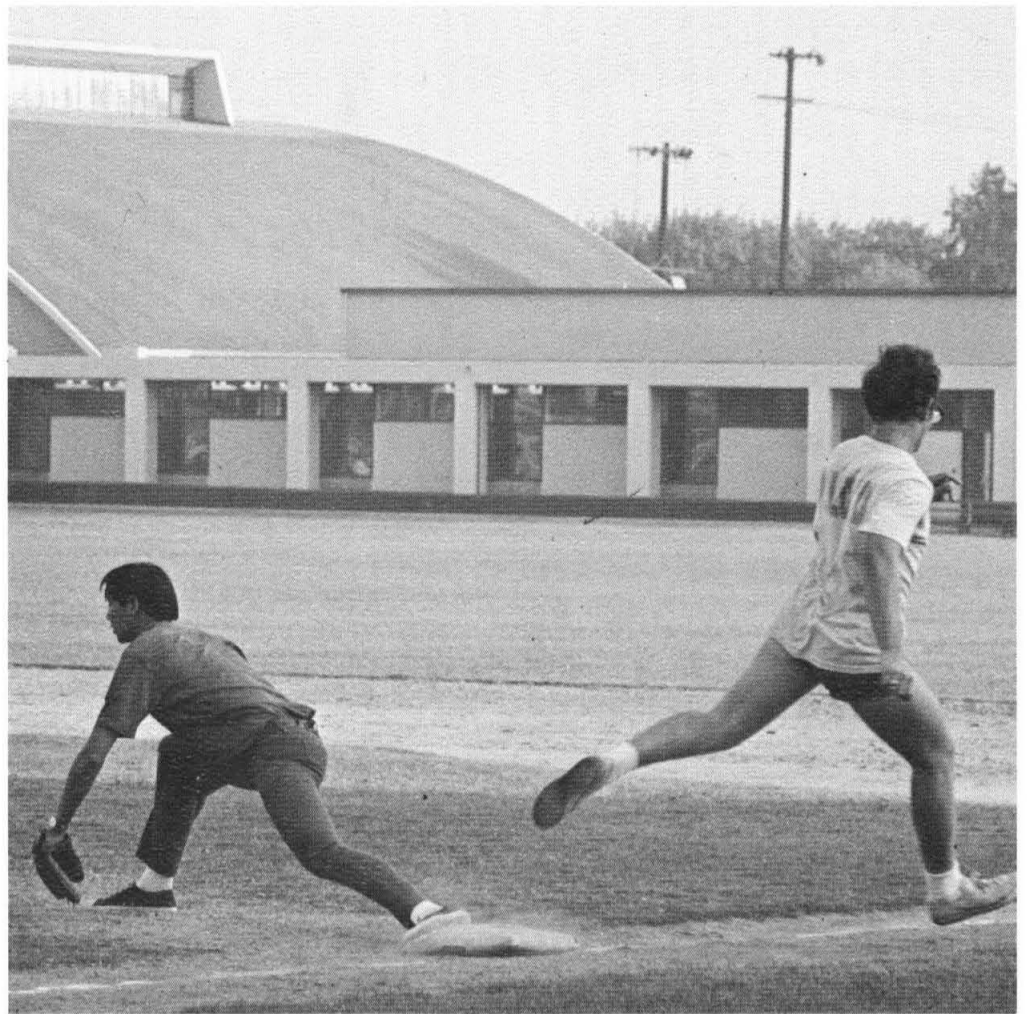
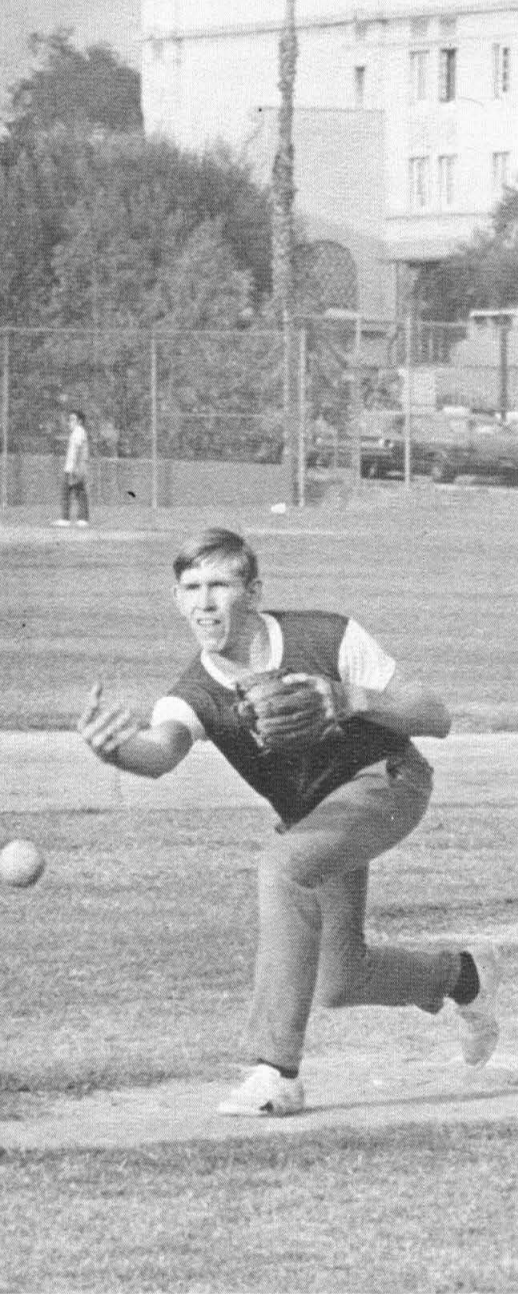
1st	Occidental
2nd	Whittier
3rd	Pomona
4th	Redlands
5th	Caltech
5th	Claremont-Mudd

SCIAC RESULTS

Occidental	107 ½
Whittier	72
Pomona	50
Redlands	23
Claremont-Mudd	12 ½
Caltech	7

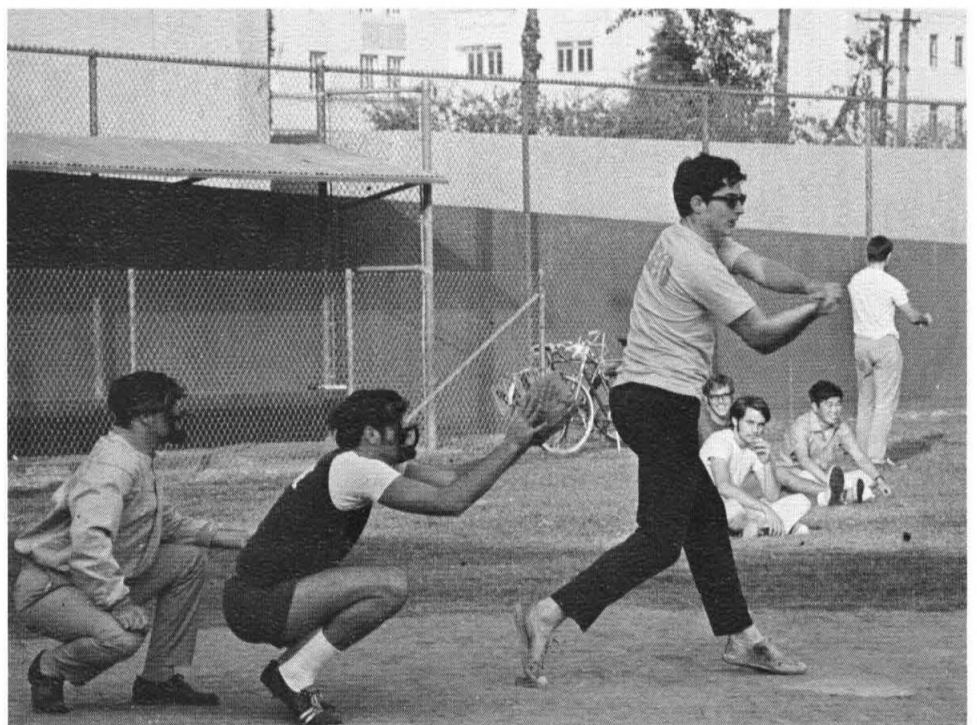


I.H. SOFTBALL



1. Fleming
1. Lloyd
3. Page
4. Ricketts
4. Ruddock
6. Dabney
7. Blacker

Trophy Points	
58 ½	
58 ½	
45	
31 ½	
31 ½	
18	
9	

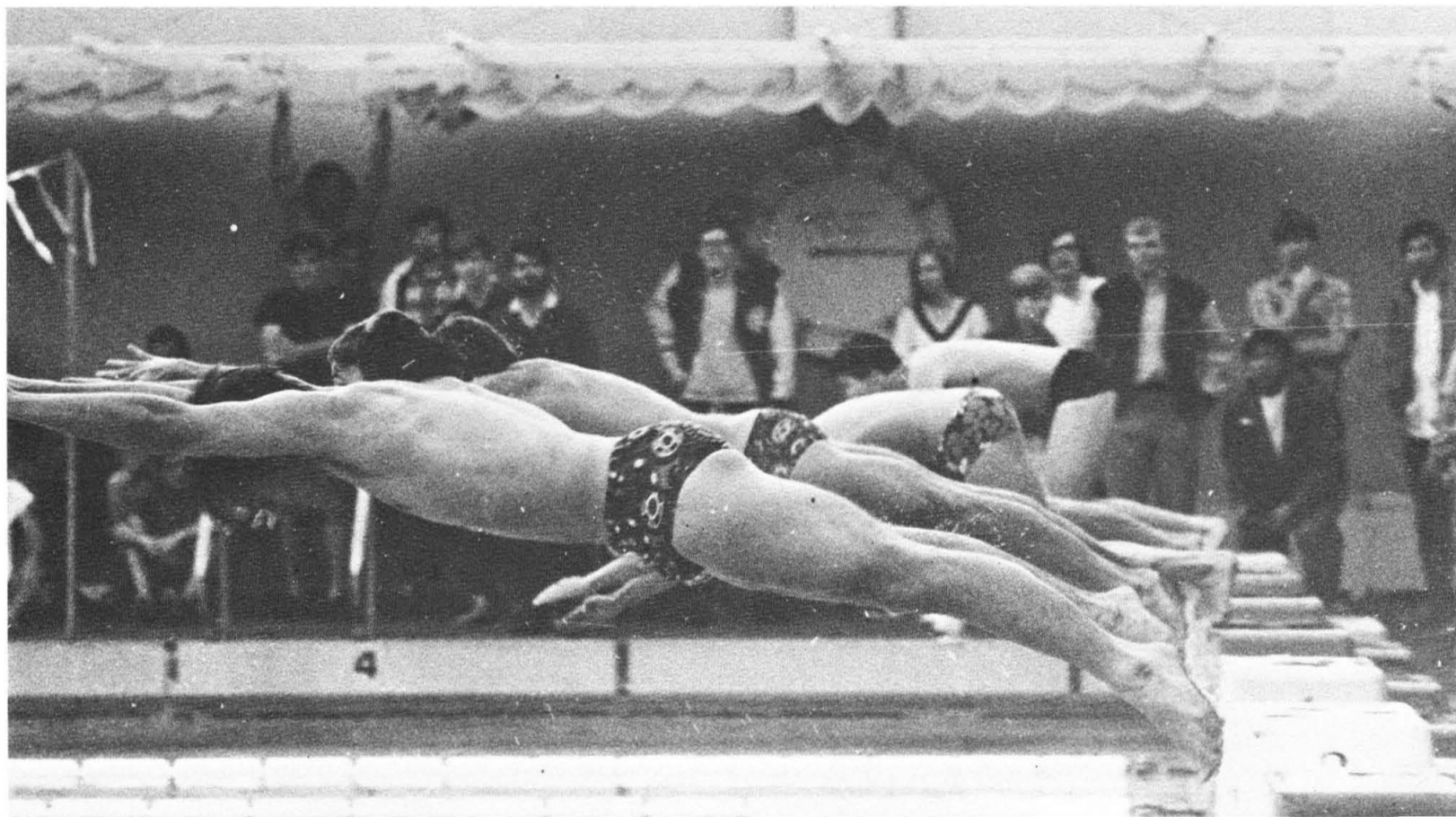




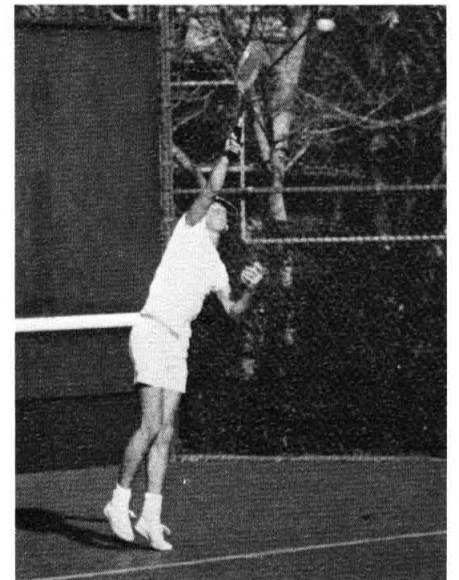
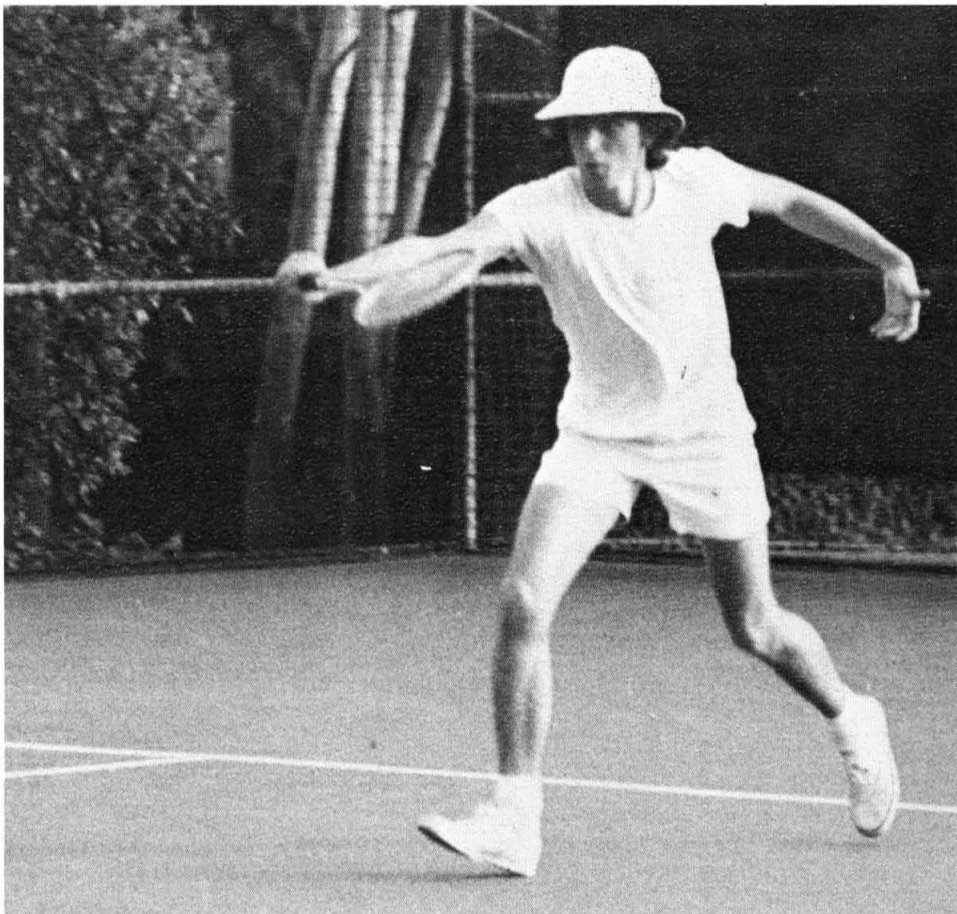
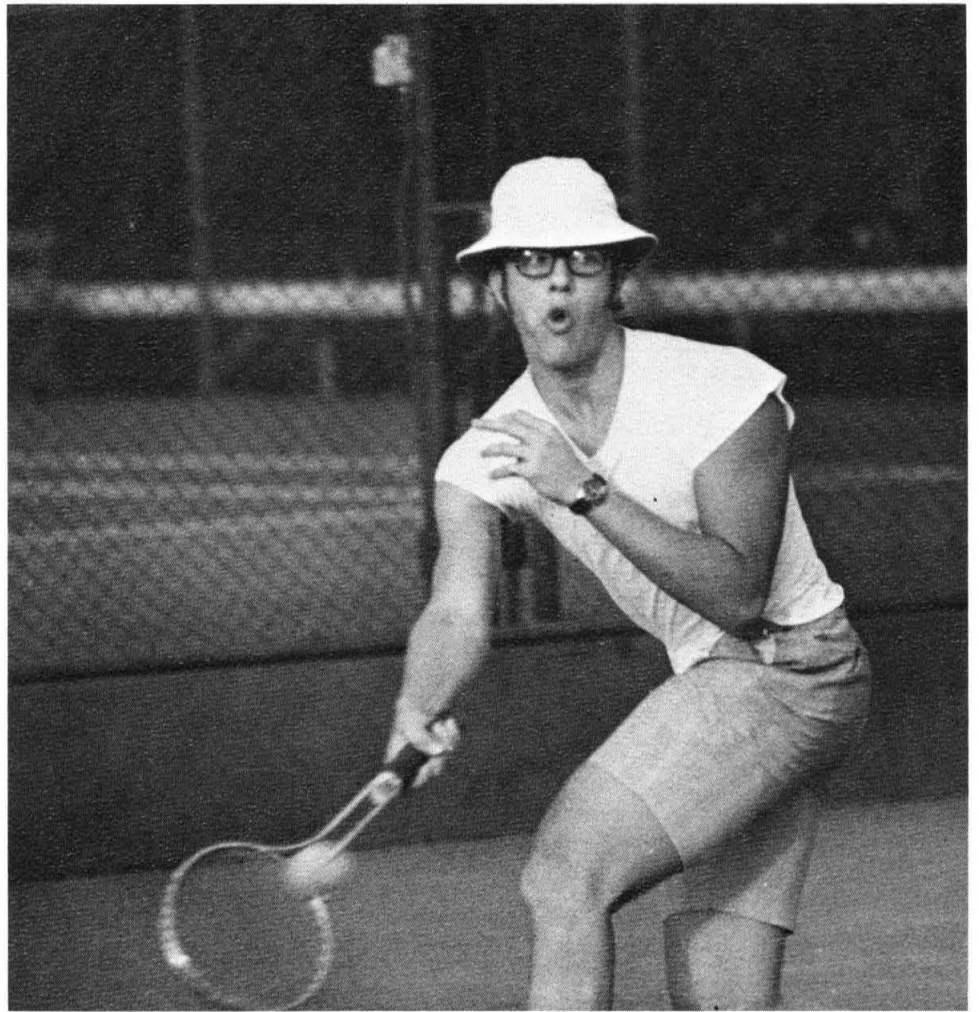
Trophy Points

1. Page	56
2. Fleming	48
3. Ruddock	40
4. Ricketts	32
5. Lloyd	24
6. Dabney	16
7. Blacker	0

I.H. SWIMMING

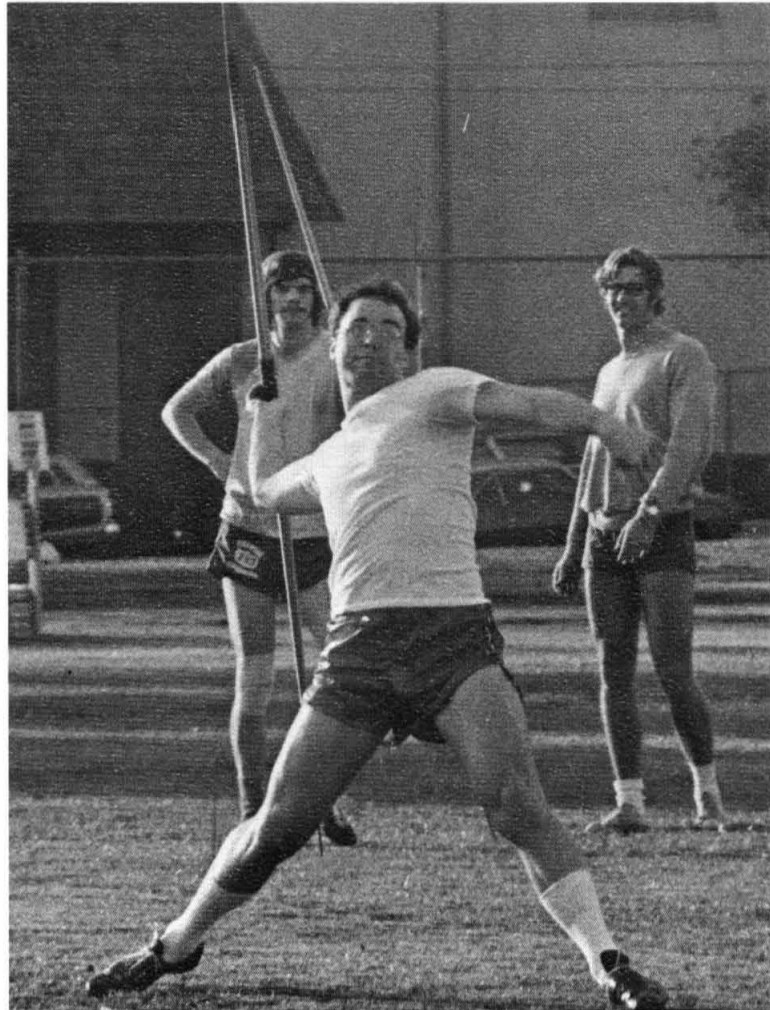


I.H. TENNIS



	Trophy Points
1. Page	49
2. Fleming	42
3. Ricketts	35
4. Ruddock	28
5. Dabney	21
6. Lloyd	14
7. Blacker	7

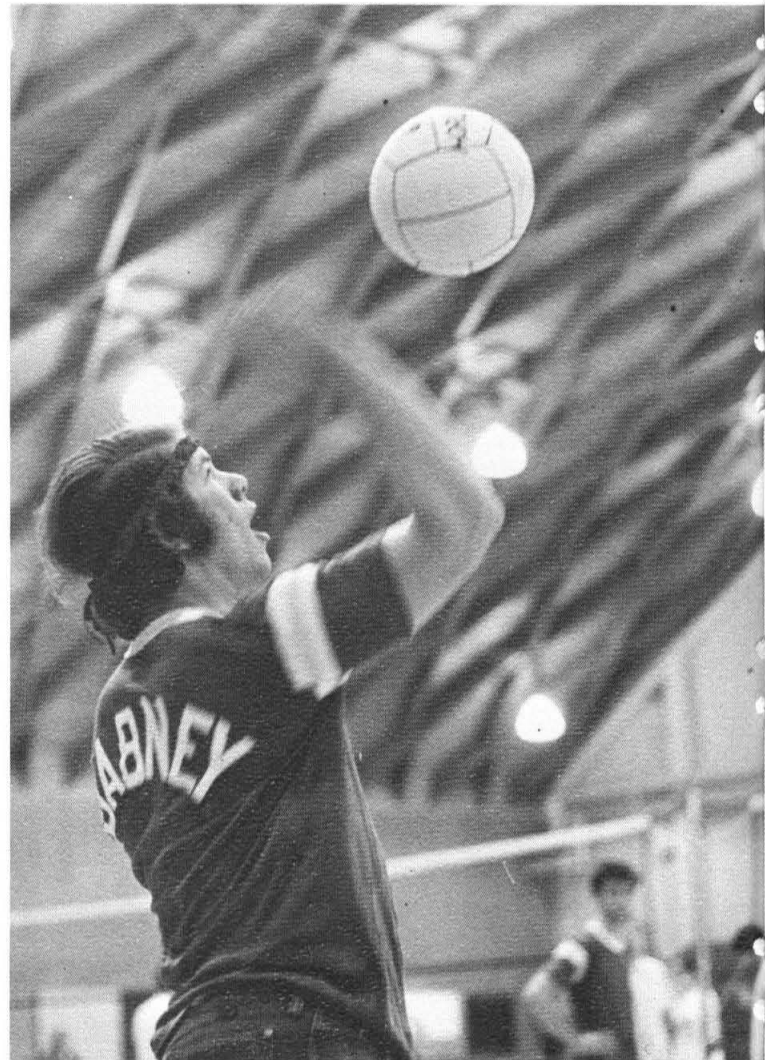
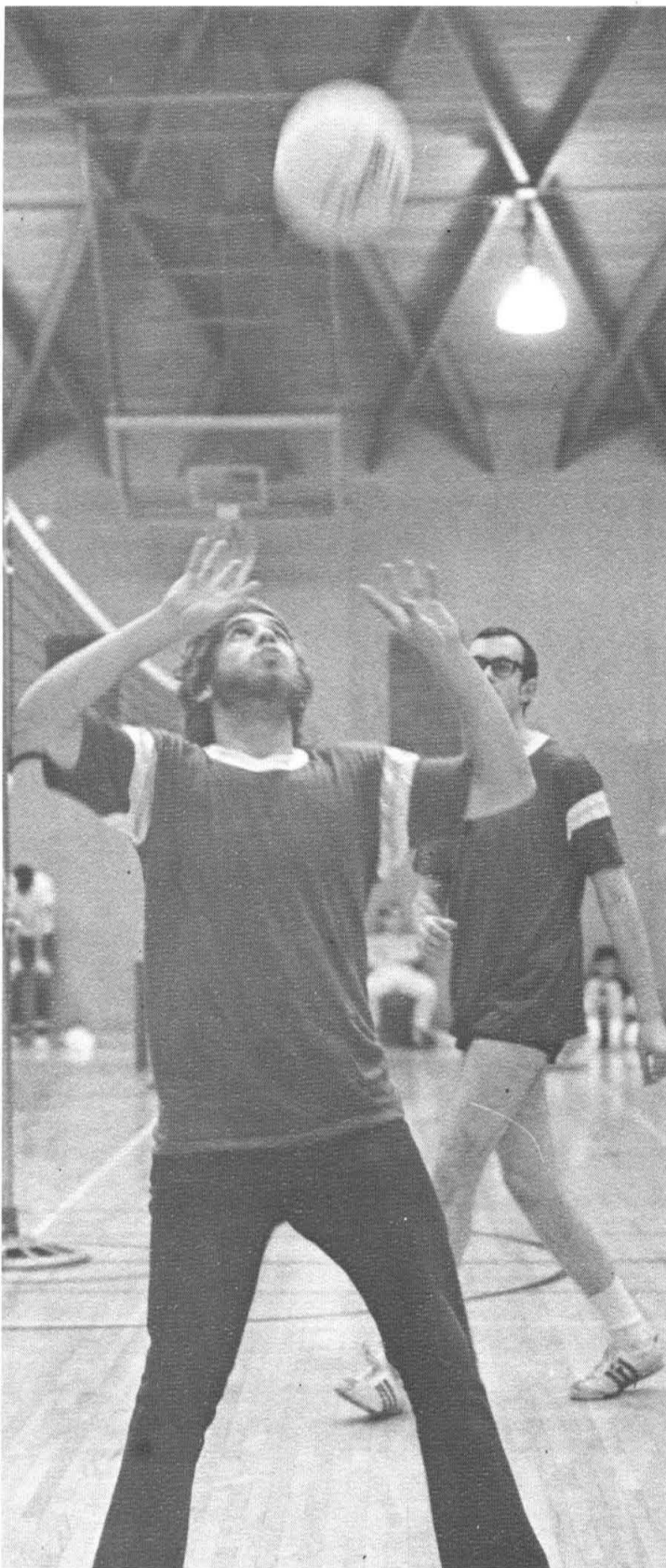
I.H. TRACK



Trophy Points

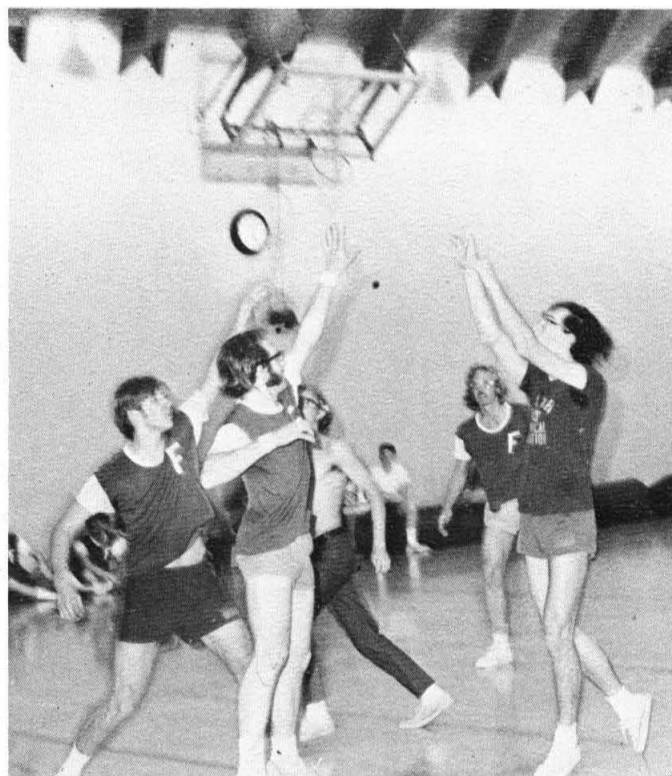
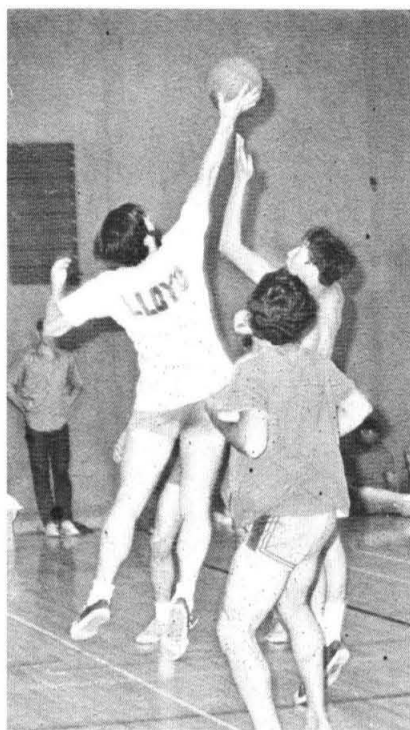
1. Fleming	56
2. Ricketts	48
3. Ruddock	40
4. Page	32
5. Lloyd	24
6. Dabney	16
7. Blacker	8

I.H. VOLLEYBALL



	Trophy Points
1. Page	56
2. Ruddock	48
3. Lloyd	40
4. Fleming	32
5. Blacker	24
6. Ricketts	16
7. Dabney	8

I.H. BASKETBALL

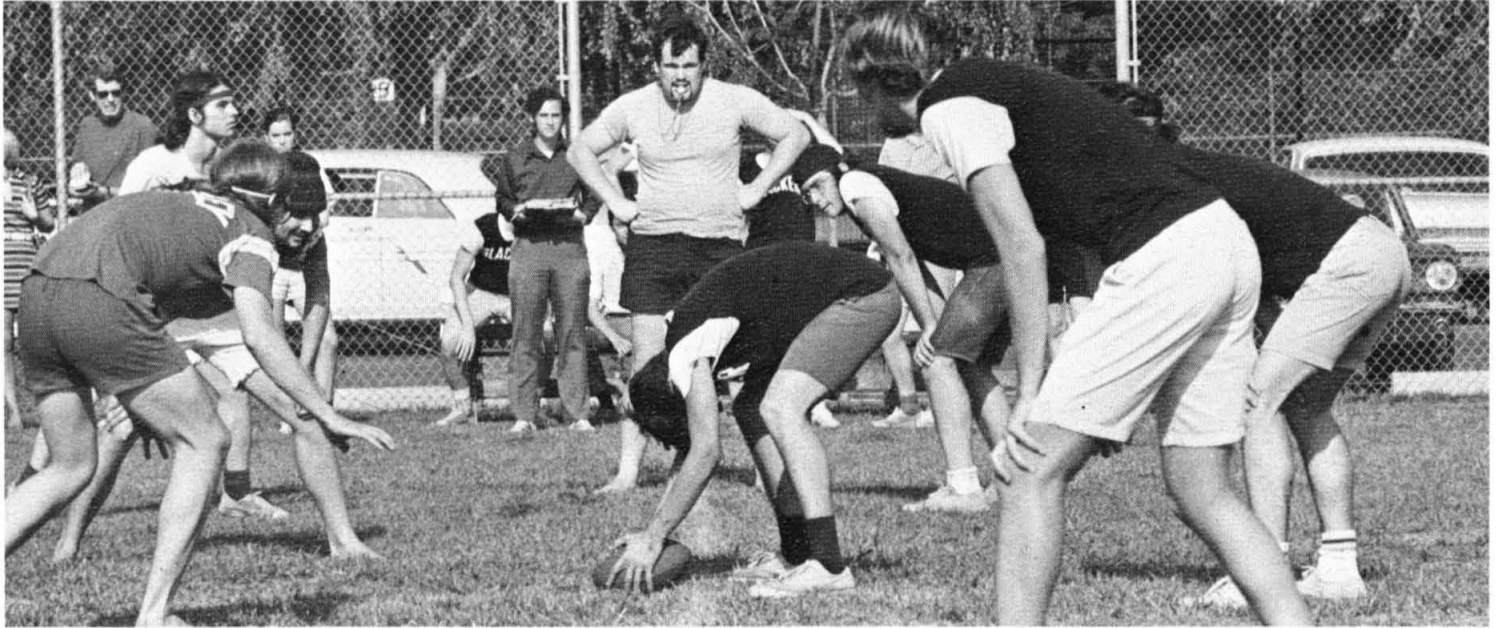


	Trophy Points
1. Fleming	56
2. Ruddock	48
3. Lloyd	40
4. Ricketts	32
5. Page	24
6. Blacker	16
7. Dabney	0

I.H. FOOTBALL

Trophy Points

1. Lloyd	63
2. Page	45
2. Ricketts	45
2. Fleming	45
5. Ruddock	27
6. Blacker	13 ½
6. Dabney	13 ½



FINAL INTERHOUSE STANDINGS 1970 - 1971

Total Points

1. Fleming	337 ½
2. Page	307
3. Lloyd	263 ½
4. Ruddock	262 ½
5. Ricketts	239 ½
6. Dabney	92 ½
7. Blacker	77 ½



DISCOBOLUS RESULTS

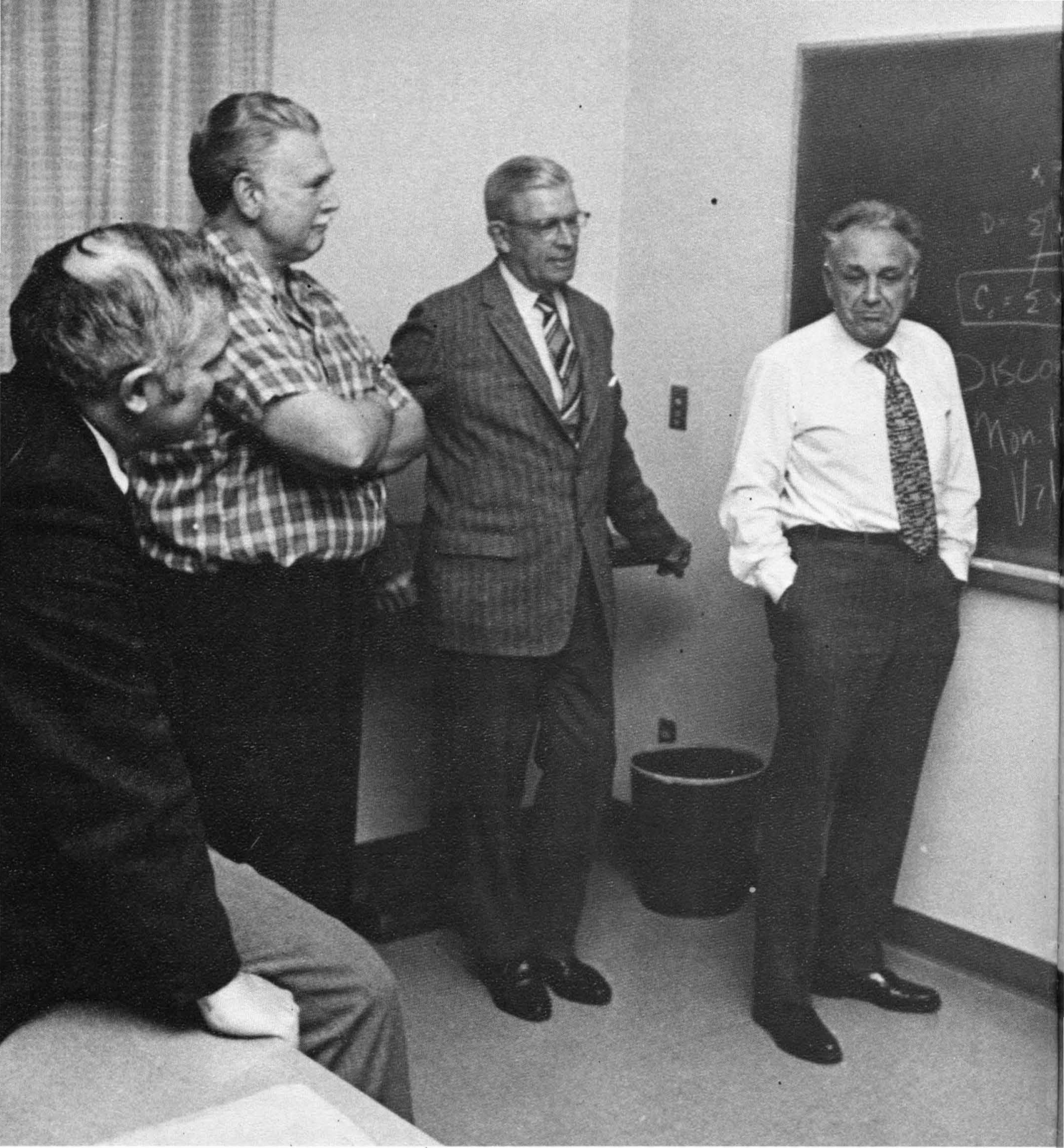
1970-71

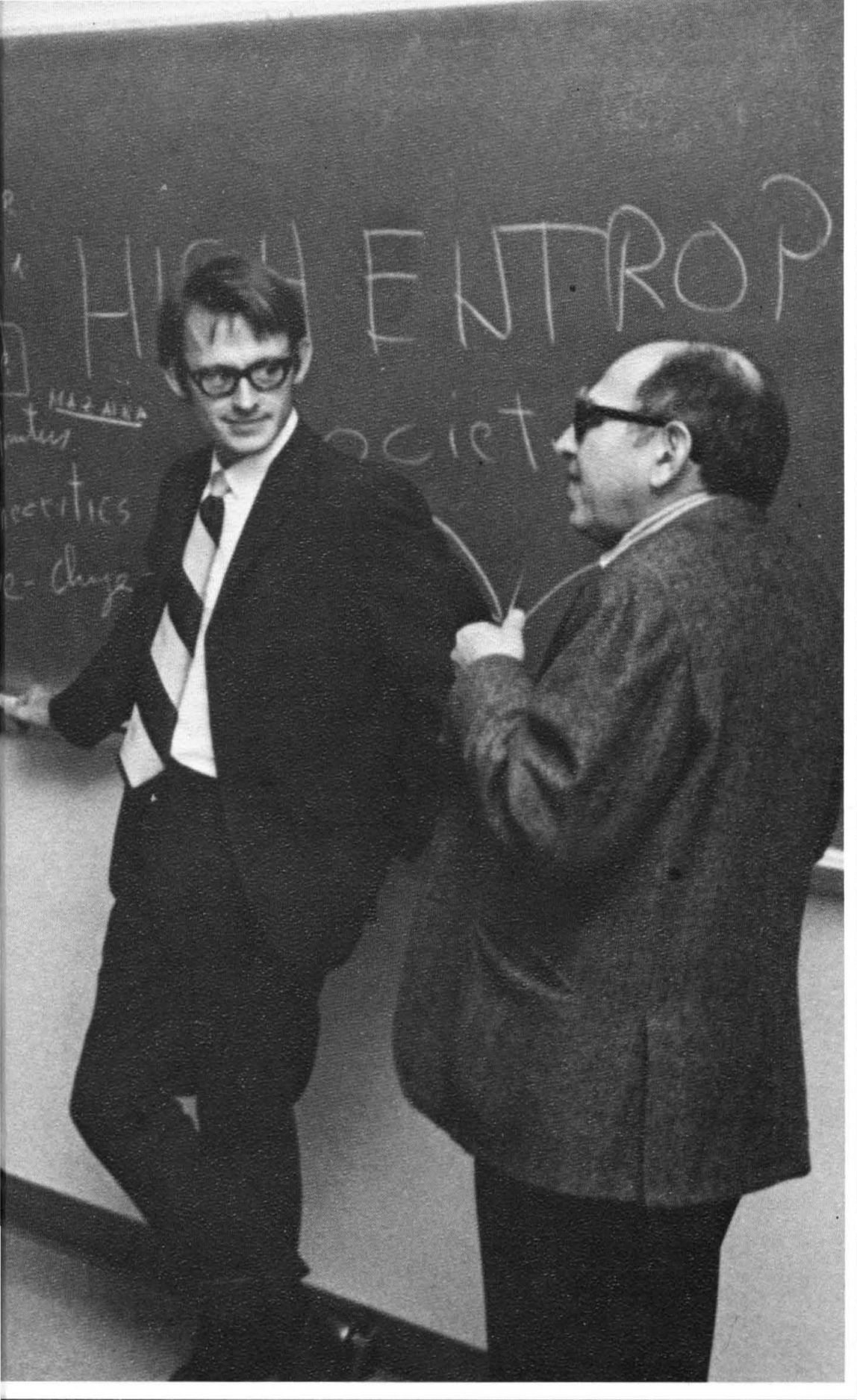
Winner	Loser	Sport	Trophy Points						
			Bl	Da	Fl	Li	Pa	Ri	Ru
Li	Fl	football	0	0	0	3	0	0	0
Li	Da	basketball	0	1	0	6	0	0	0
Ri	Li	soccer	0	1	0	7	0	3	0
Ri	Bl	softball	1	1	0	7	0	6	0
Pa	Ri	basketball	1	1	0	7	3	7	0
Pa	Ru	volleyball	1	1	0	7	6	7	1
Fl	Pa	pool & billiards	1	1	3	7	7	7	1
Fl	Da	volleyball	1	2	6	7	7	7	1
Fl	Bl	softball	2	2	9	7	7	7	1
Li	Fl	volleyball	2	2	10	10	7	7	1
Ri	Li	football	2	2	10	11	7	10	1
Ri	Ru	bowling	2	2	10	11	7	13	2
Pa	Ri	football	2	2	10	11	10	14	2
Pa	Fl	riflery	2	2	11	11	13	14	2
Fl	Pa	table tennis	2	2	14	11	14	14	2
Fl	Bl	volleyball	3	2	17	11	14	14	2
Fl	Da	volleyball	3	3	20	11	14	14	2
Ru	Fl	table tennis	3	3	21	11	14	14	5
Ri	Ru	ice hockey	3	3	21	11	14	17	6
Ri	Li	football	3	3	21	12	14	20	6
Pa	Ri	table tennis	3	3	21	12	17	21	6
Bl	Pa	softball	6	3	21	12	18	21	6
Da	Bl	volleyball	7	6	21	12	18	21	6
Fl	Da	pool & billiards	7	7	24	12	18	21	6



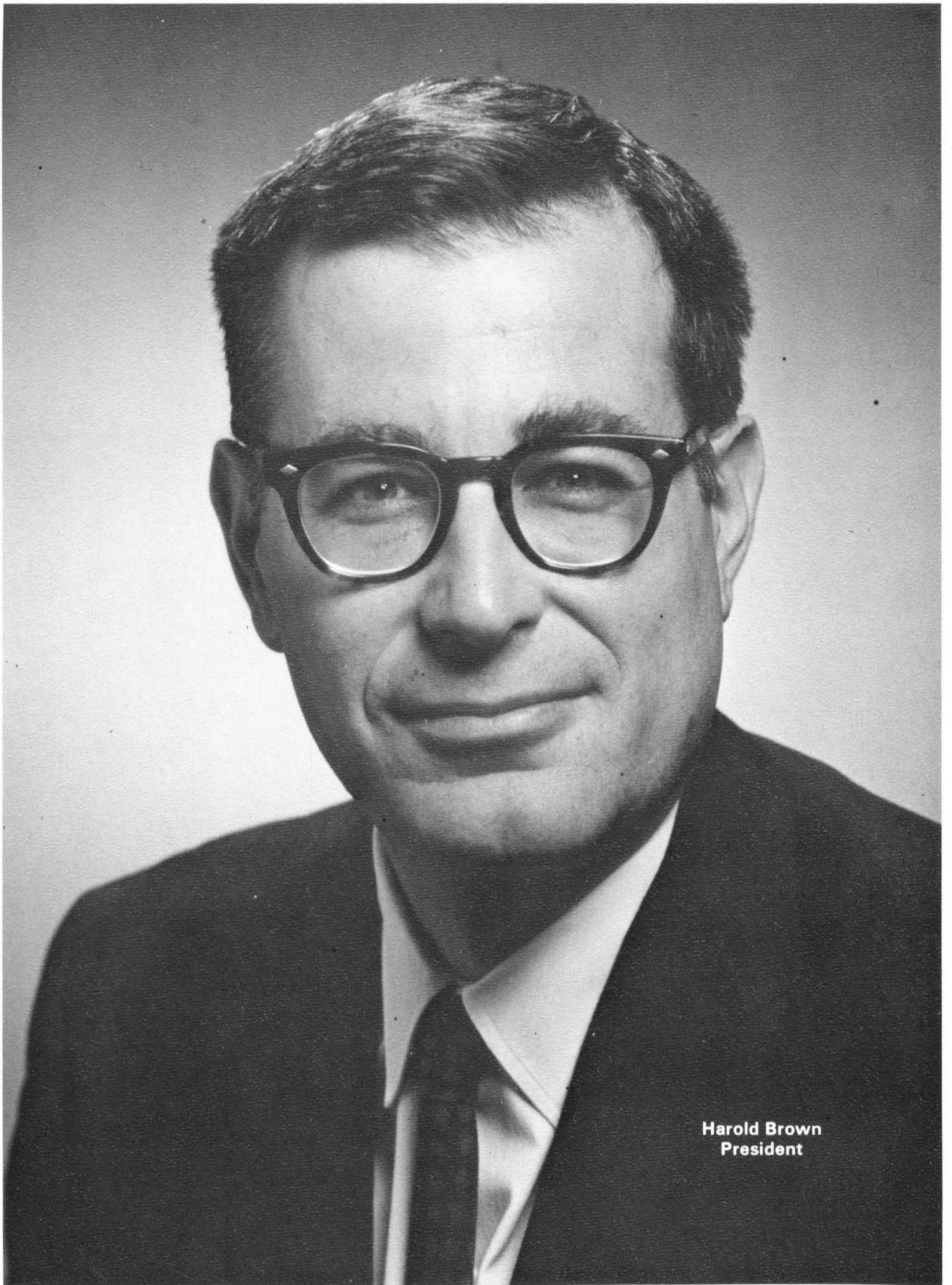
Final standings

1. Fleming
2. Ricketts
3. Page
4. Lloyd
5. Blacker
6. Dabney
7. Ruddock



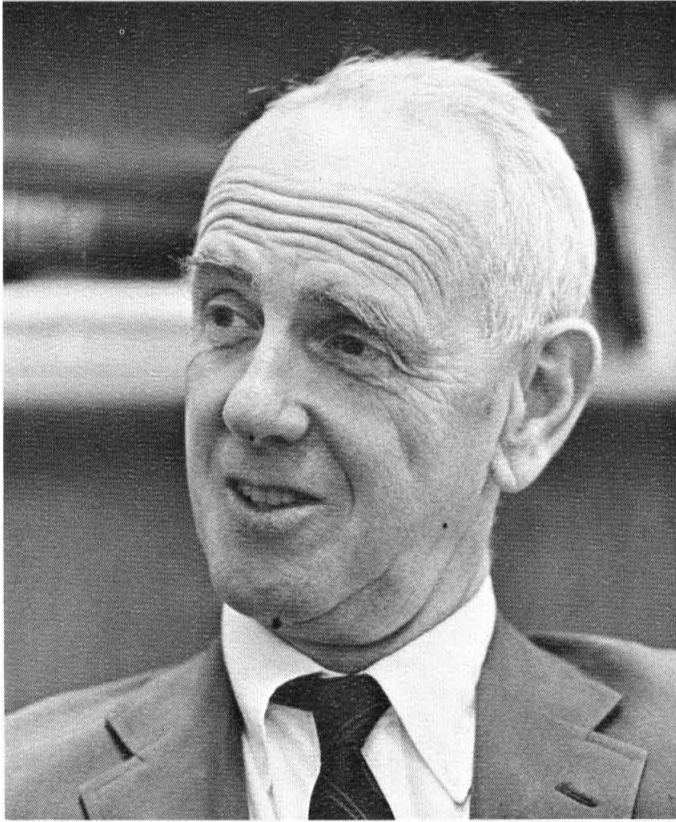


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Harold Brown
President

DEANS



Peter M. Miller
Director of Admissions and Undergraduate Scholarships



Robert A. Huttenback
Dean of Students



David S. Wood
Associate Dean of Students



Cornelius J. Pings
Dean of Graduate Studies



Lyman G. Bonner
Director of Student Relations

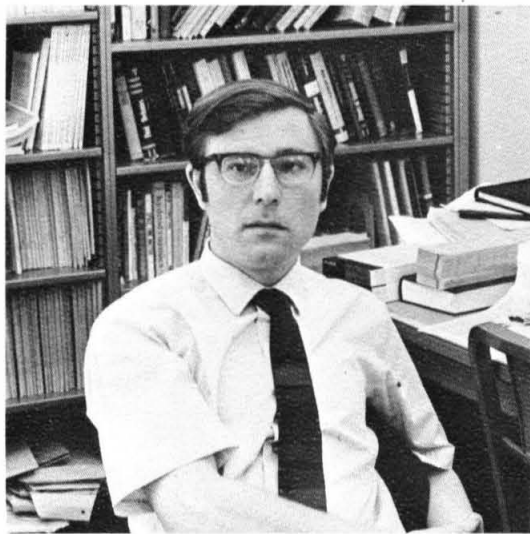
ASTRONOMY



J. Beverley Oke



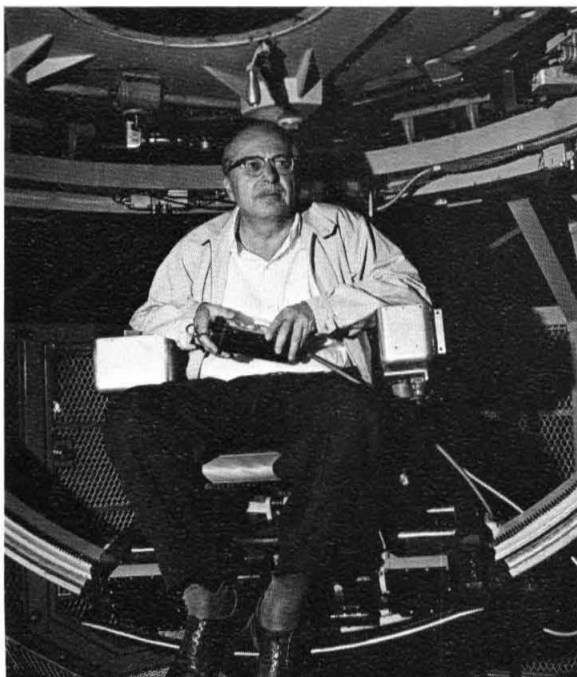
Harold Zirin



Wallace L.W. Sargent



Maarten Schmidt



Jesse L. Greenstein

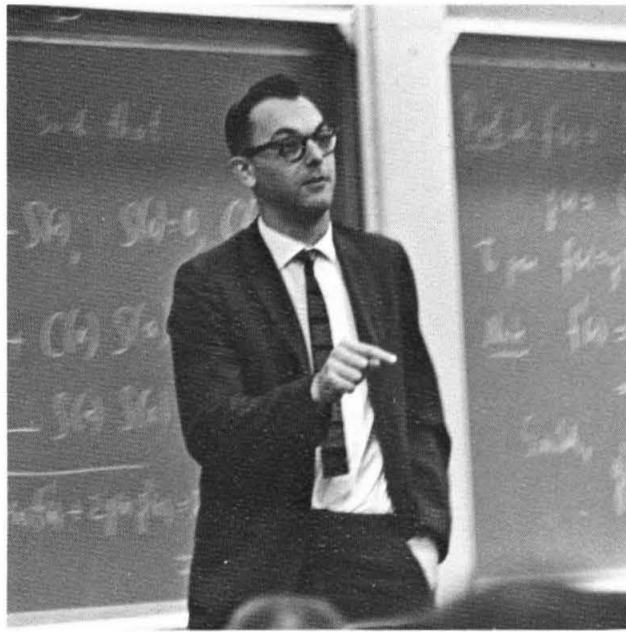


Guido Munch

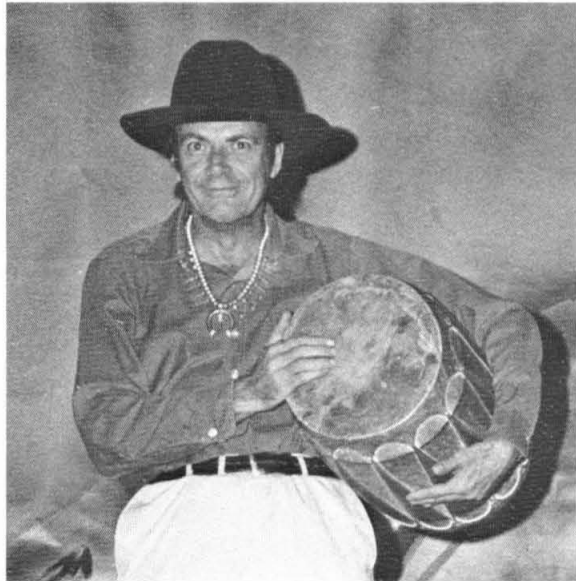
PHYSICS



Robert B. Leighton



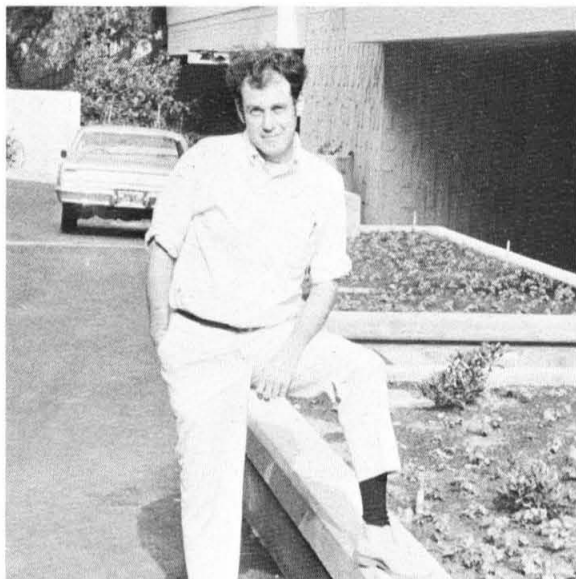
Rochus E. Vogt



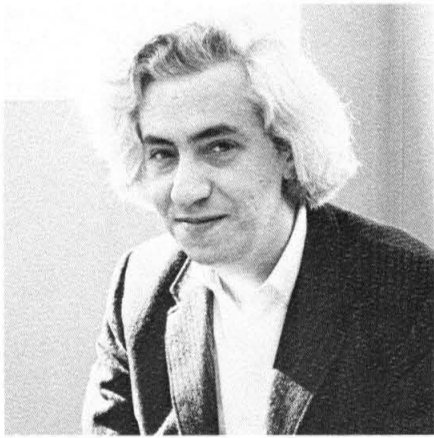
Richard P. Feynman



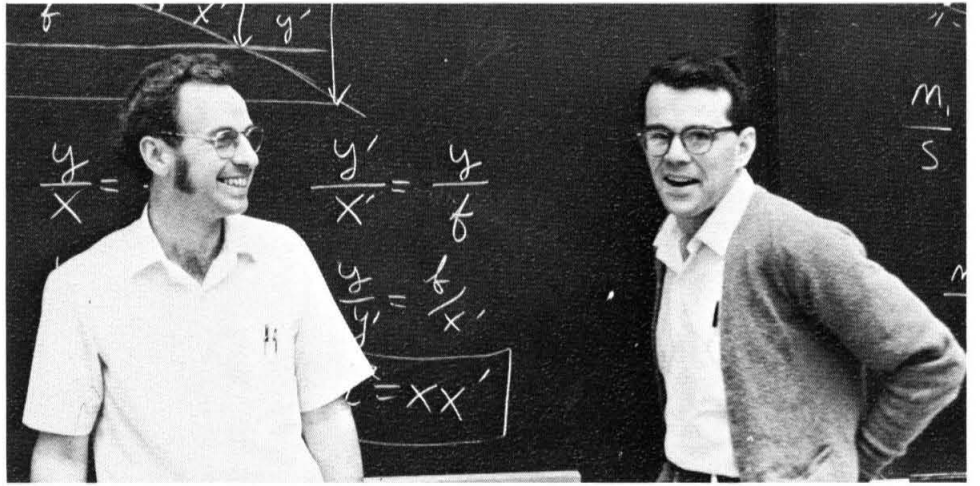
Robert F. Christy



Jerome Pine



Ricardo Gomez



Gordon P. Garmire and Gerry Neugebauer



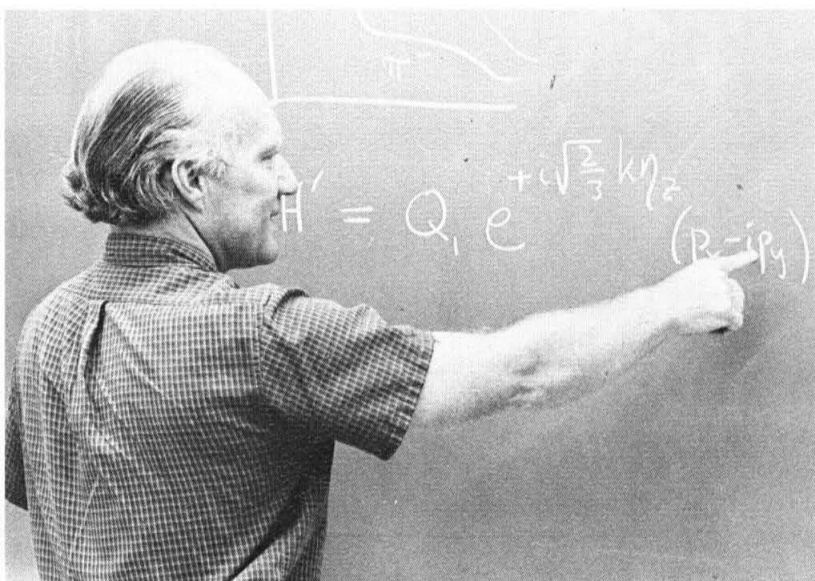
Murray Gell-Mann



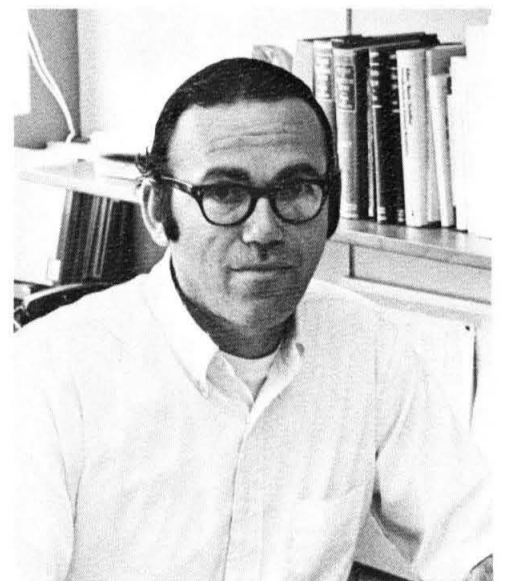
William A. Fowler



Thomas Lauritsen



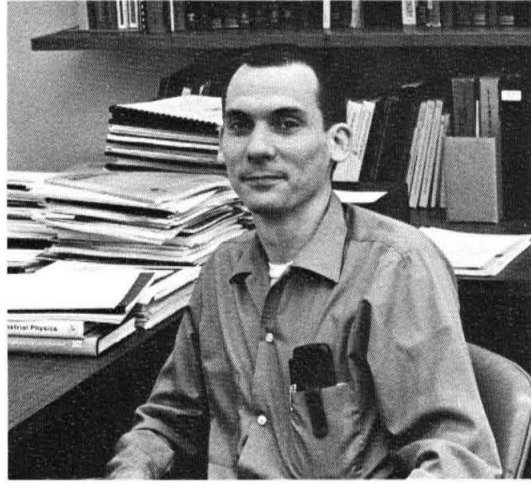
Robert L. Walker



Barry C. Barish



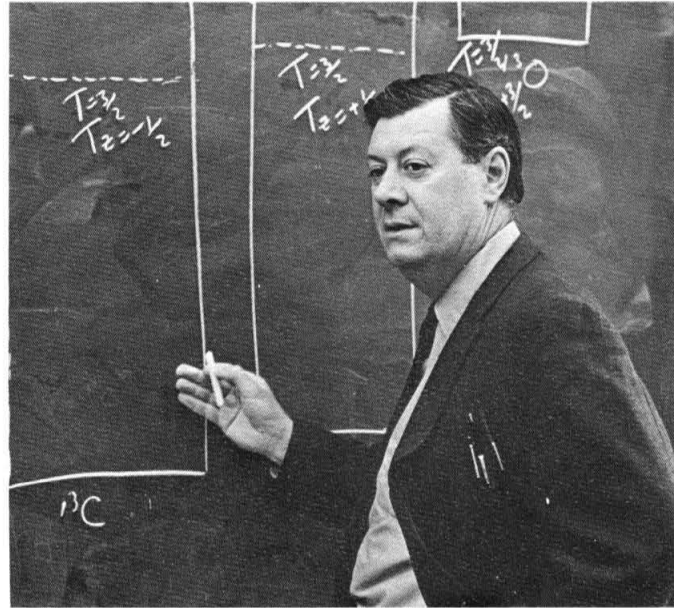
Kip S. Thorne



Edward C. Stone



Carl D. Anderson



Charles A. Barnes

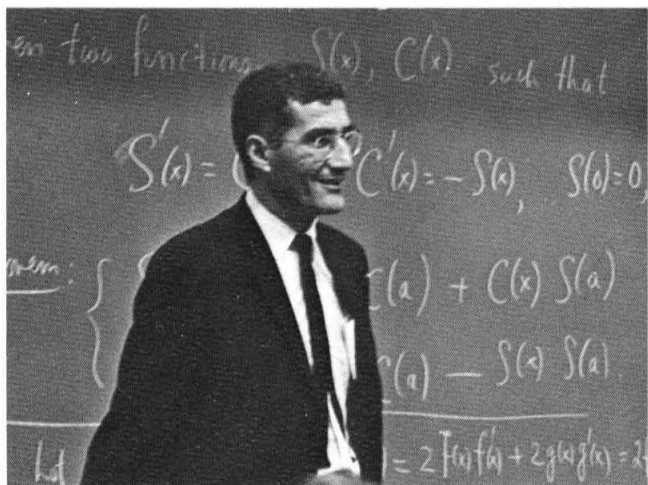


Ward Whaling

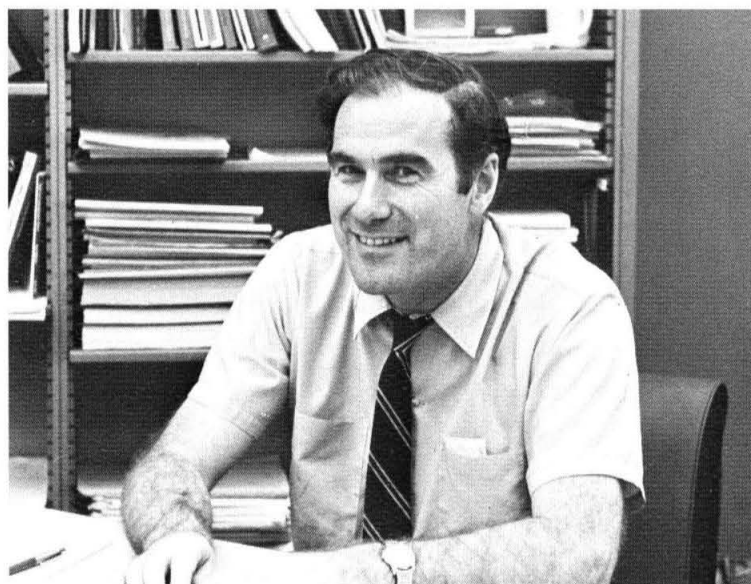


Frank Sciulli

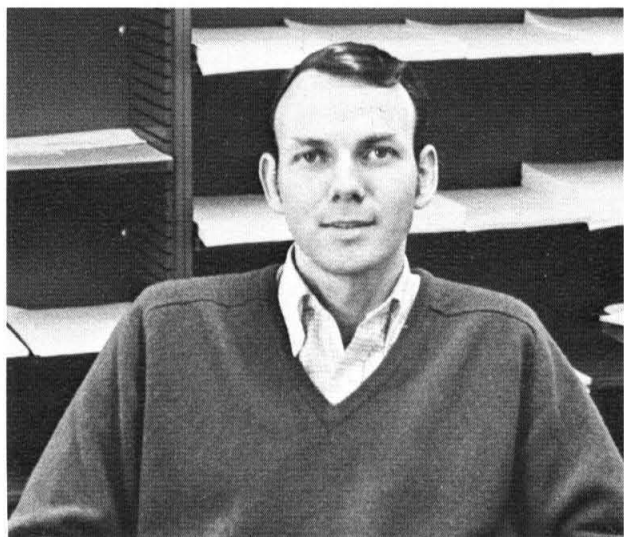
MATHEMATICS



Tom M. Apostol



Gerald B. Whitham



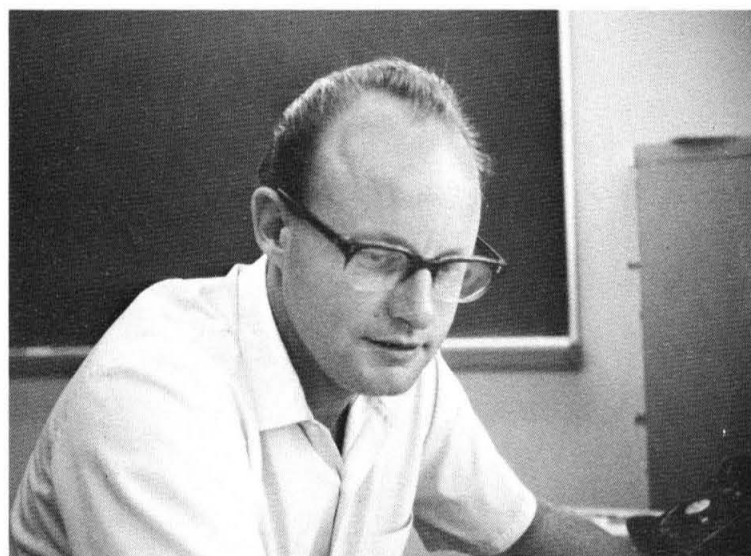
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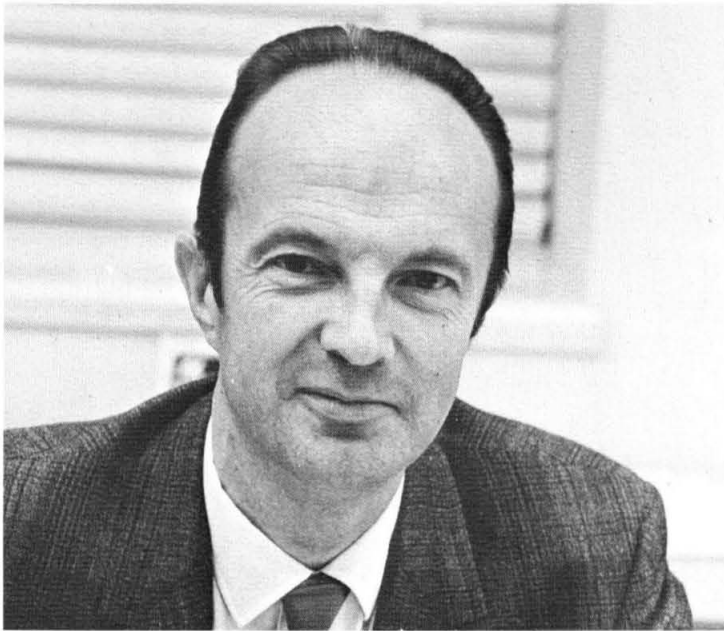
Richard A. Dean



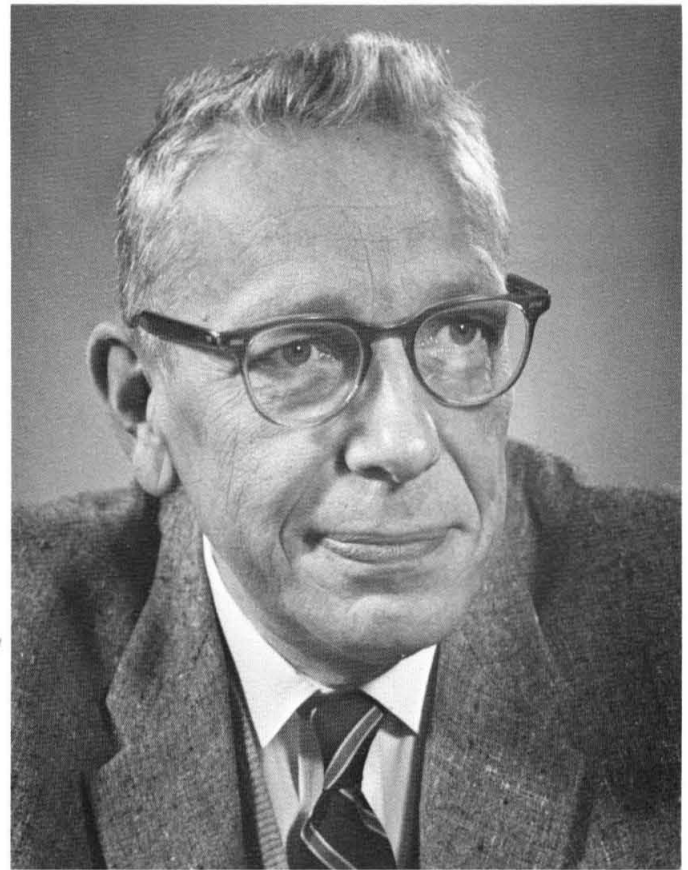
Moses Glasner



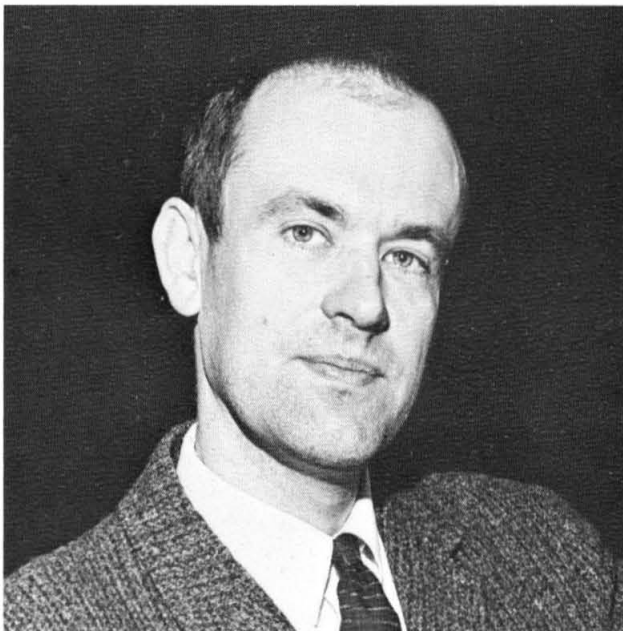
David B. Wales



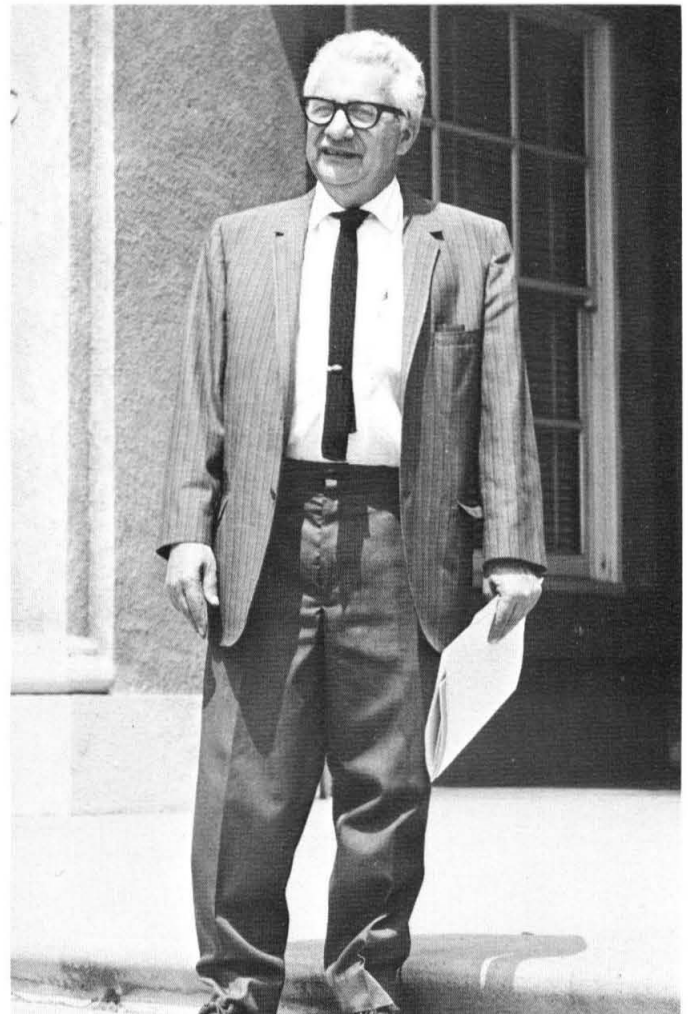
W. A. J. Luxemburg



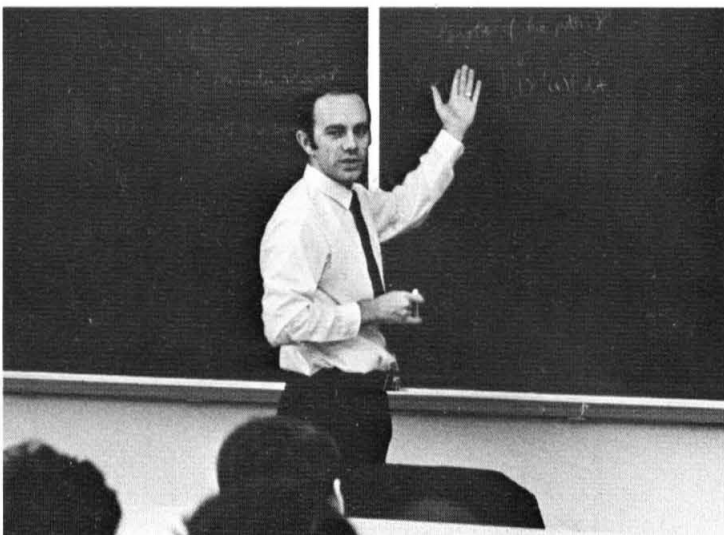
Henri F. Bohnenblust



F. Brock Fuller



Charles R. DePrima



David W. Boyd

HUMANITIES



Alan R. Sweezy



Robert A. Rosenstone



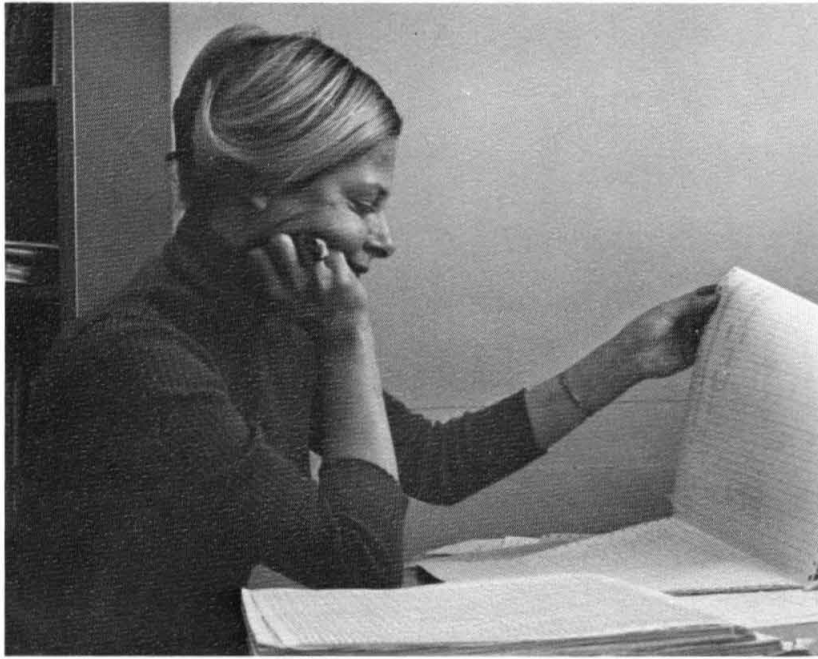
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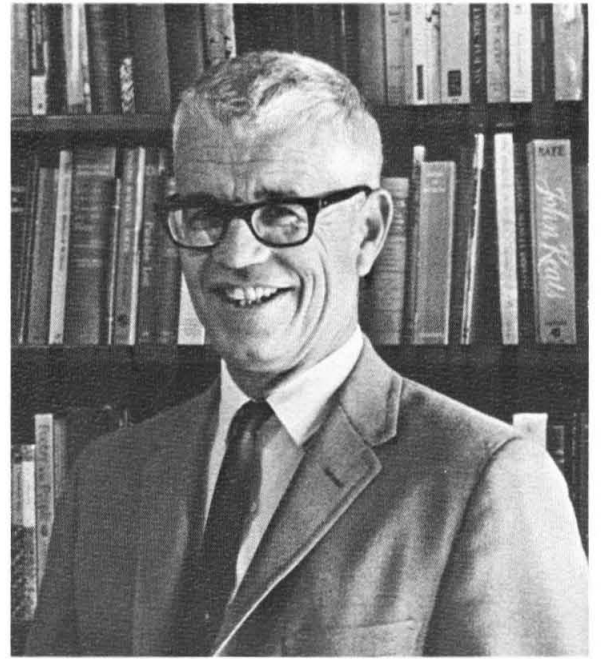
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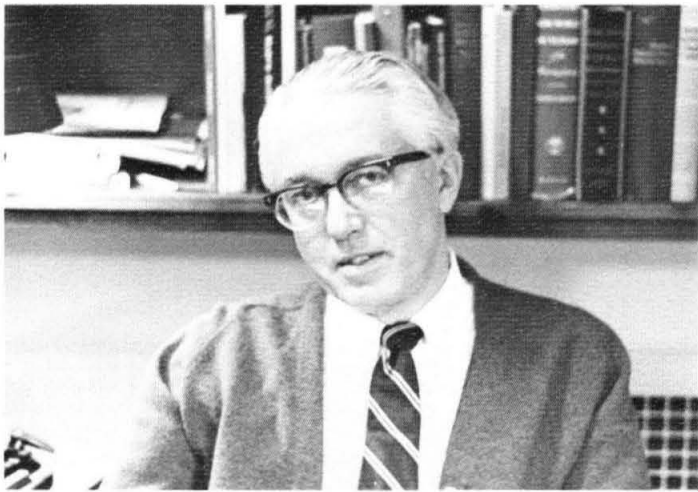
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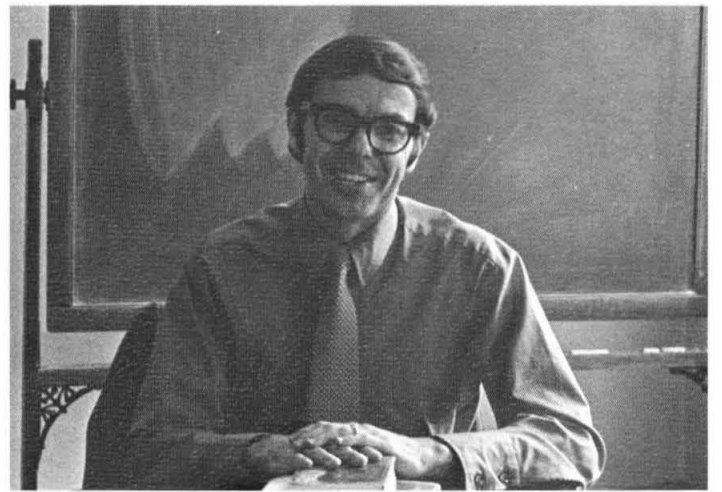
Bozena H. Dostert



J. Kent Clark



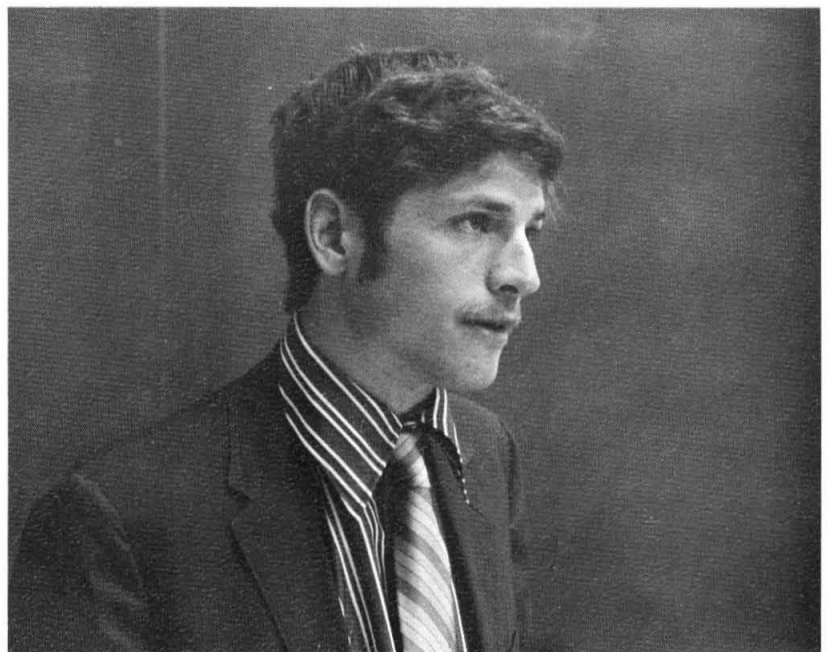
Robert D. Wayne



William R. Cozart



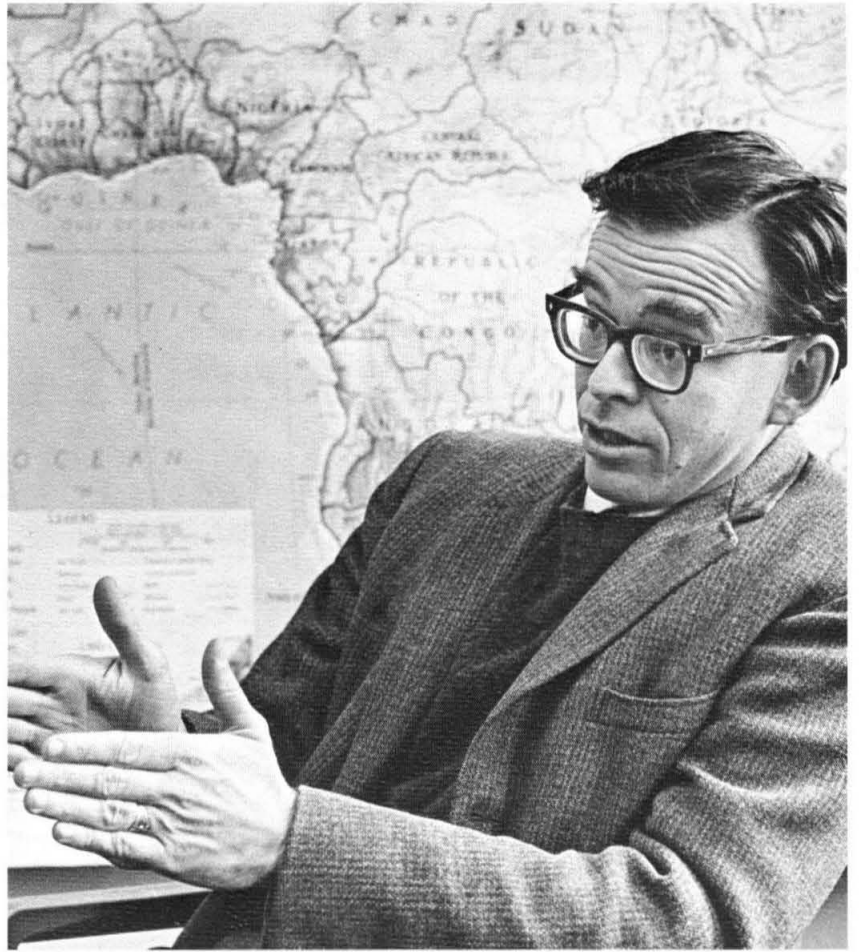
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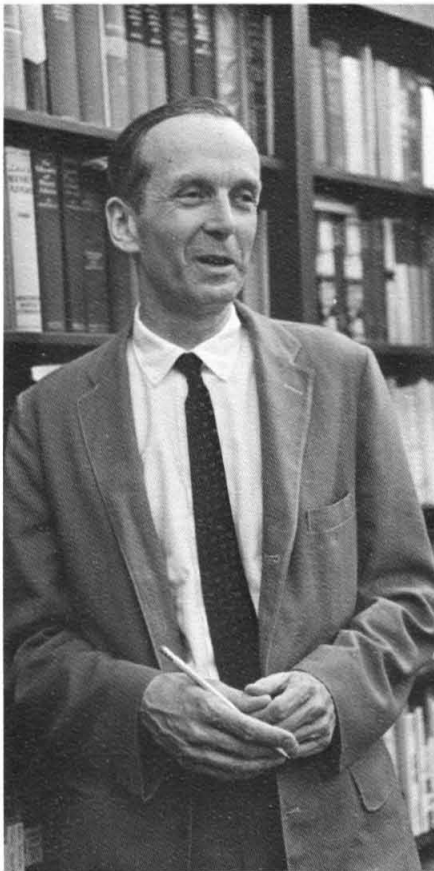
J. Morgan Kousser



Jenijoy LaBelle



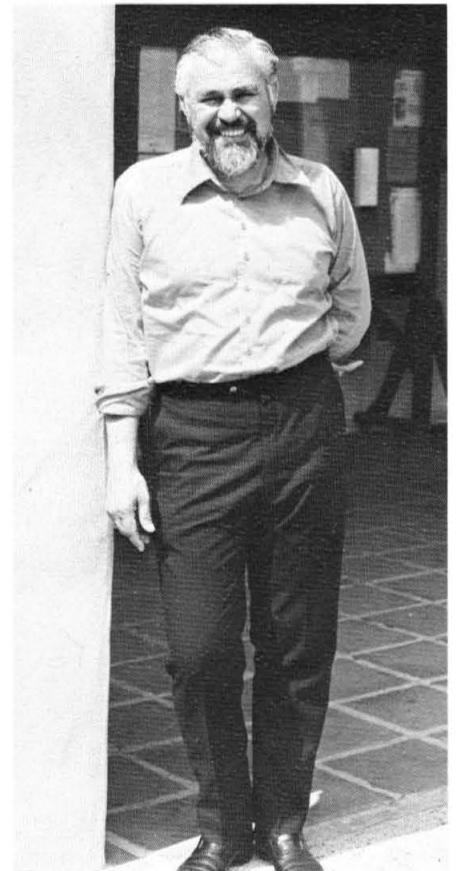
Thayer Scudder



Rodman W. Paul



Daniel J. Kevles

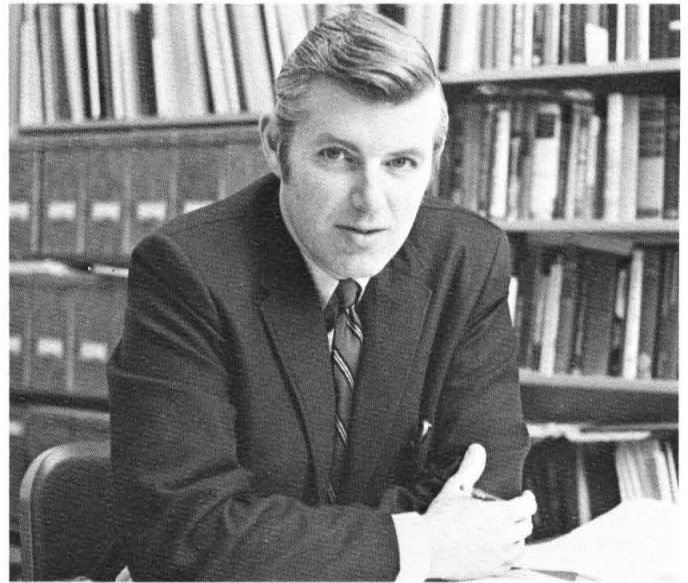


David R. Smith

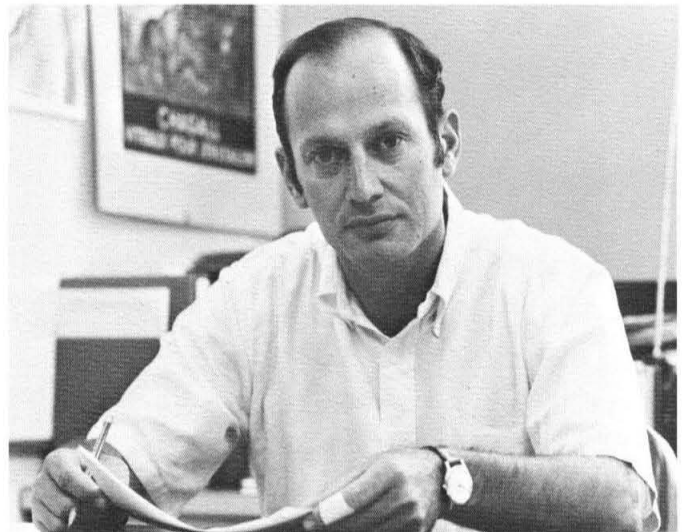
ENGINEERING



Francis H. Clauser
Chairman - Division of Engineering and Applied Science



Norman H. Brooks
Environmental Science and Civil Engineering



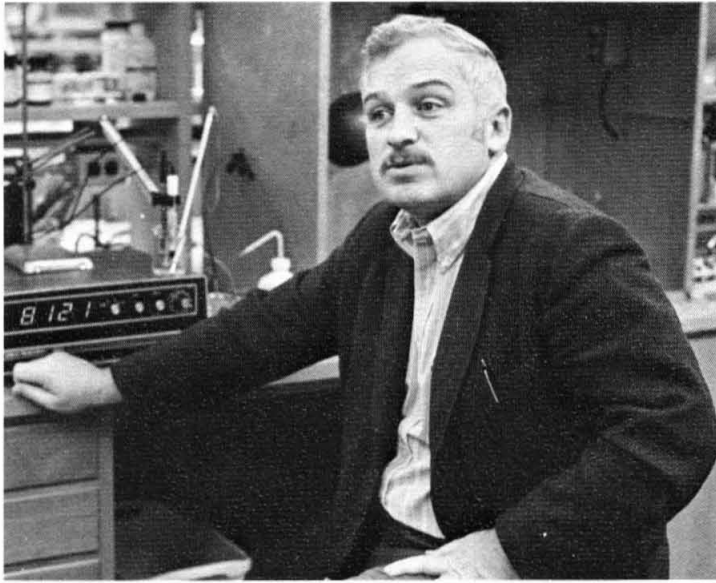
Amnon Yariv
Electrical Engineering



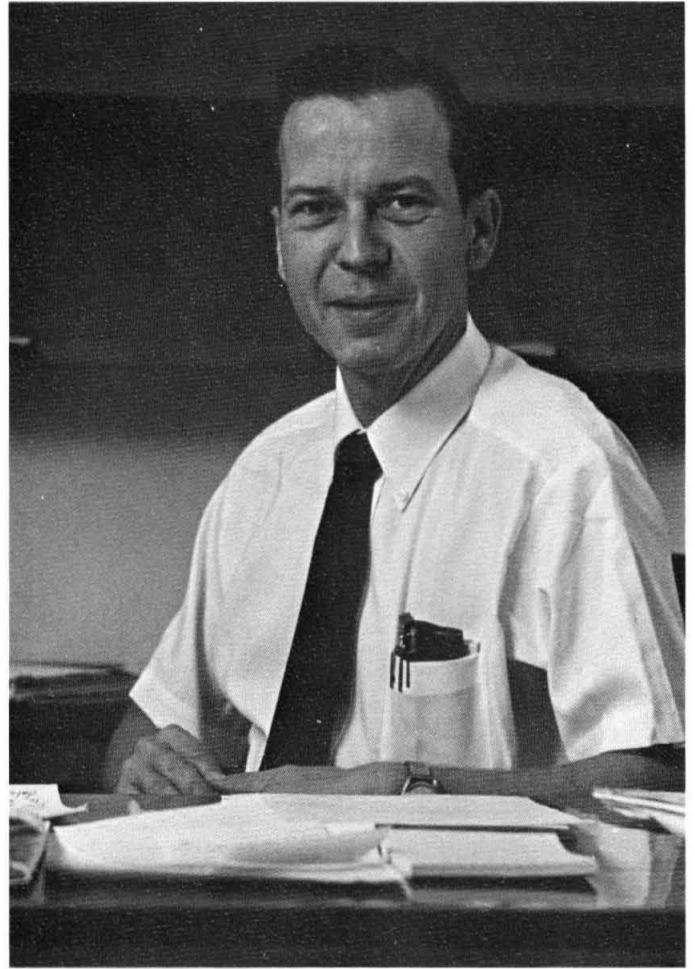
Gilbert D. McCann, Jr.
Applied Science



Thad Vreeland, Jr.
Materials Science



James J. Morgan
Environmental Engineering Science



Hardy C. Martel
Electrical Engineering



Rolf H. Sabersky
Mechanical Engineering



Wheeler J. North
Environmental Engineering Science



E. John List
Environmental Engineering Science



W. Duncan Rannie
Jet Propulsion



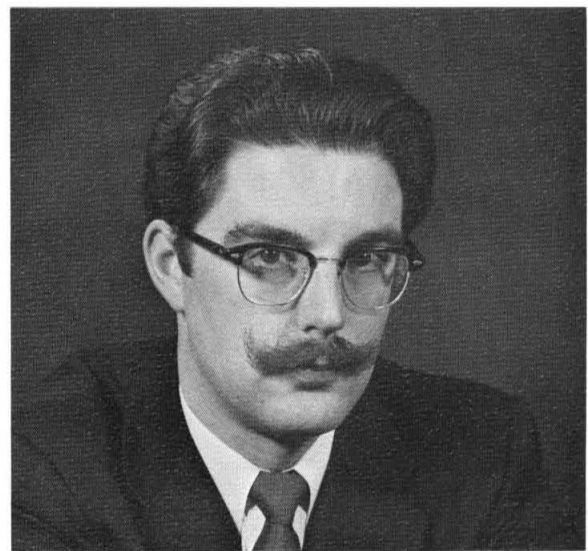
Jack E. McKee
Environmental Engineering Science



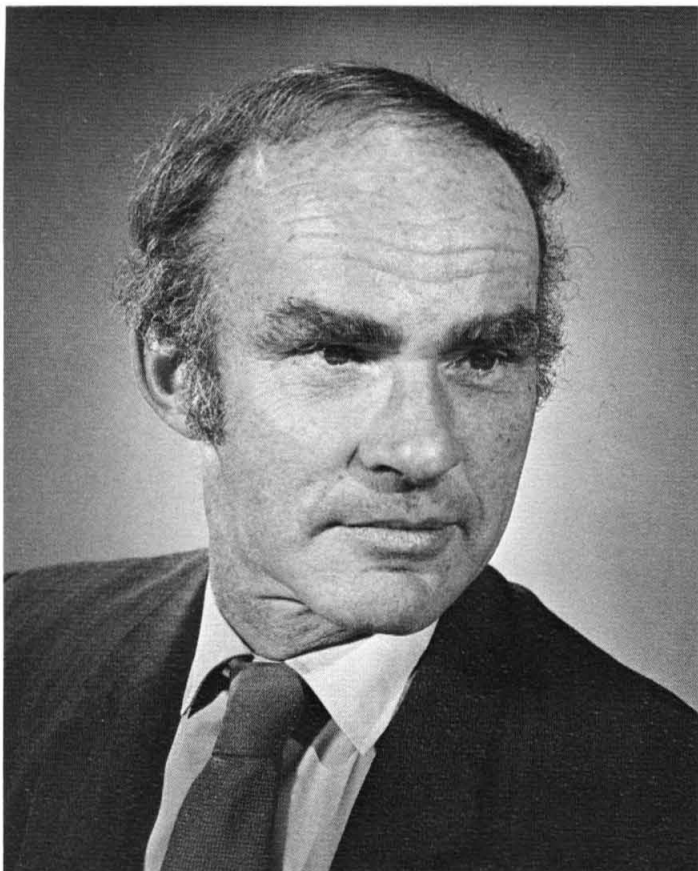
Hans W. Liepmann
Aeronautics



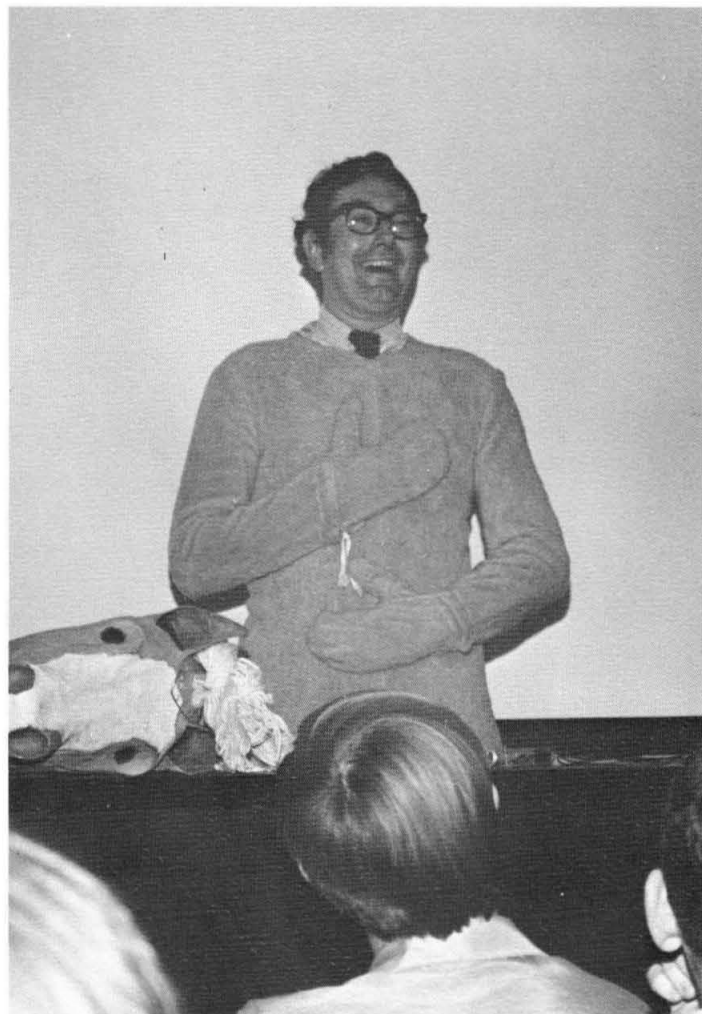
J. Harold Wayland
Engineering Science



Robert D. Middlebrook
Electrical Engineering



George S. Hammond

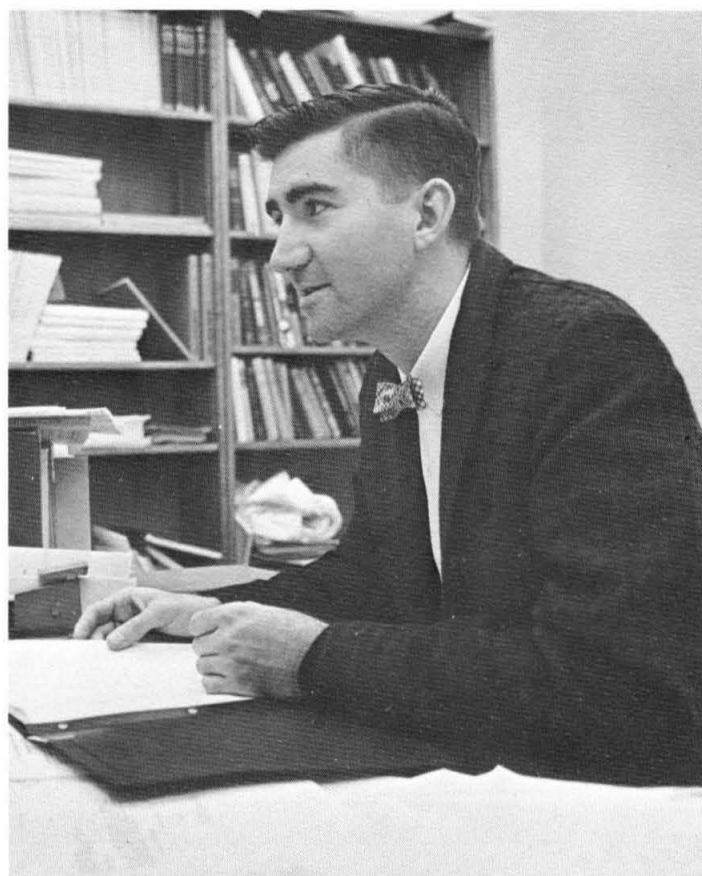


Harry "The Horse" Gray

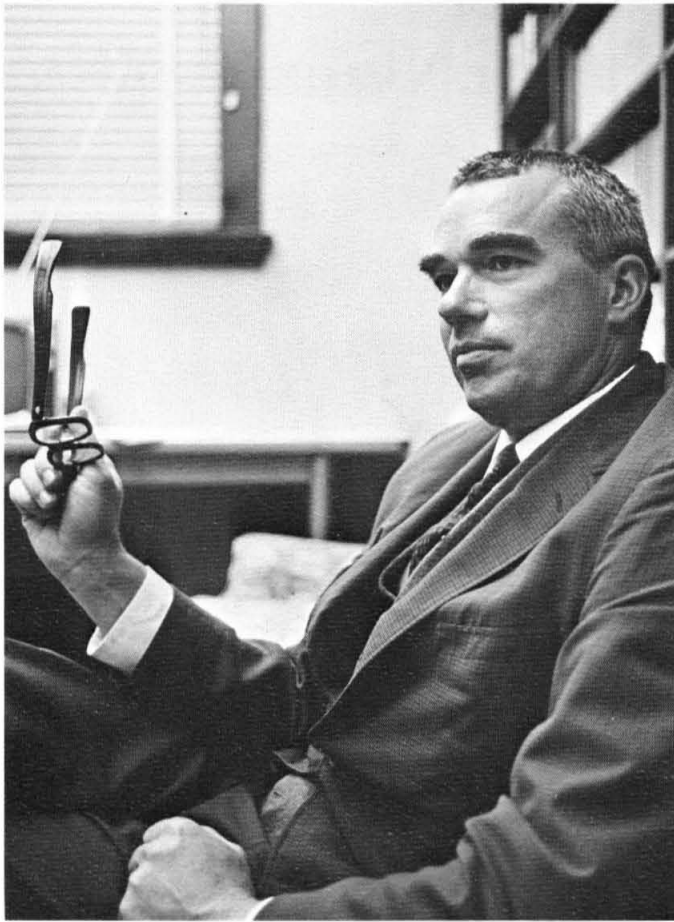
CHEMISTRY



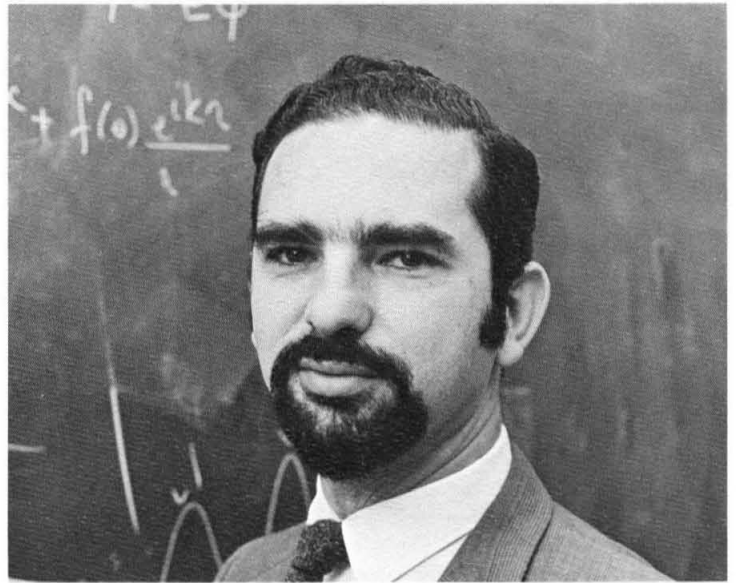
Richard E. Dickerson



Fred C. Anson



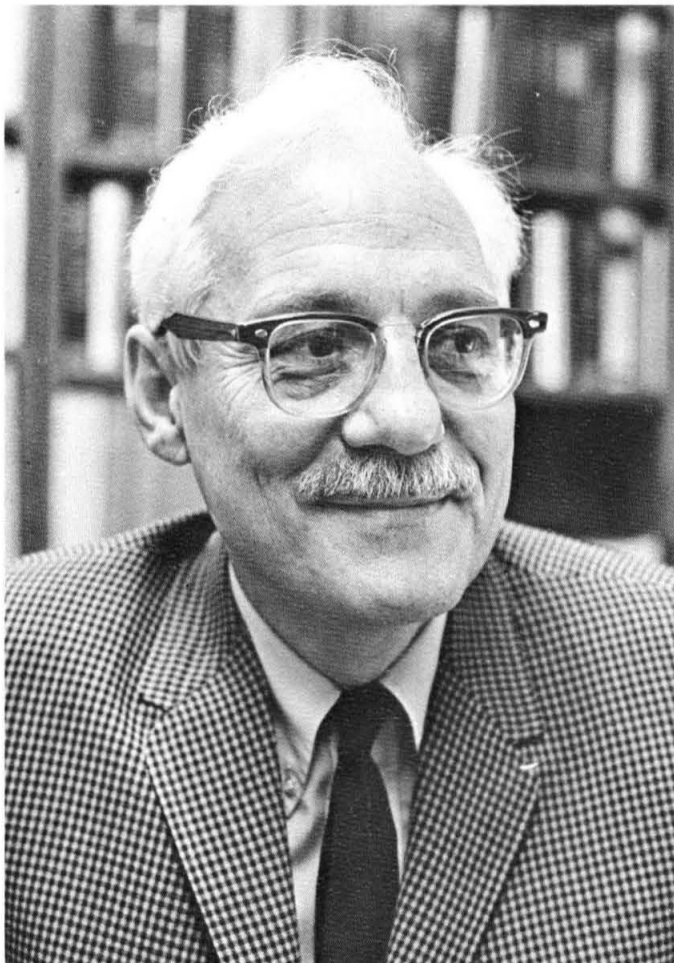
G. Wilse Robinson



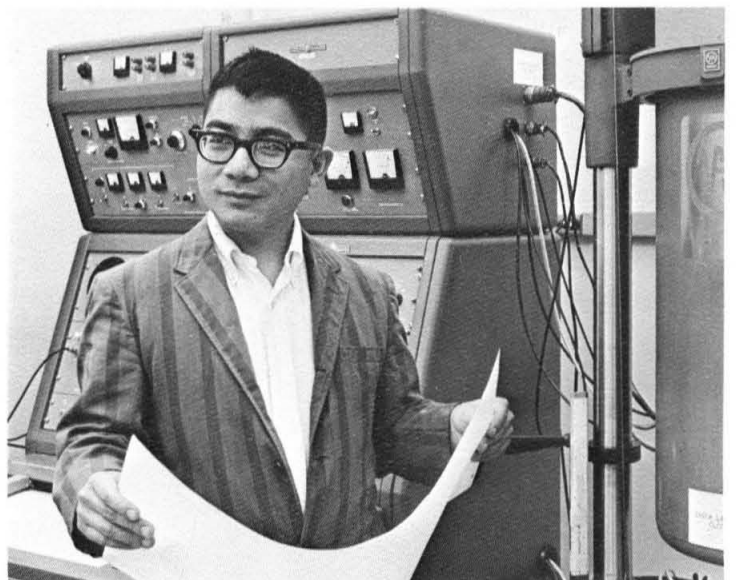
Aron Kuppermann



Robert G. Bergman

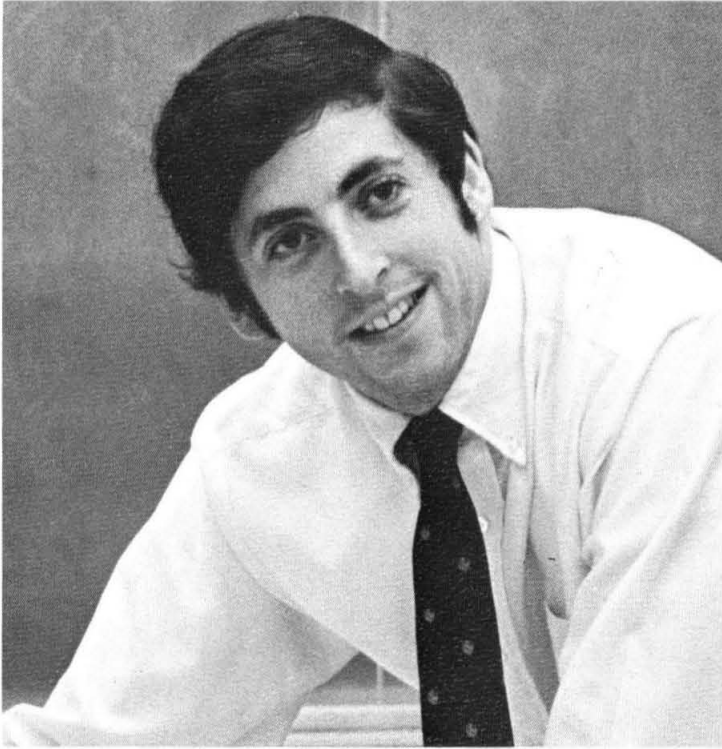


Jerome Vinograd

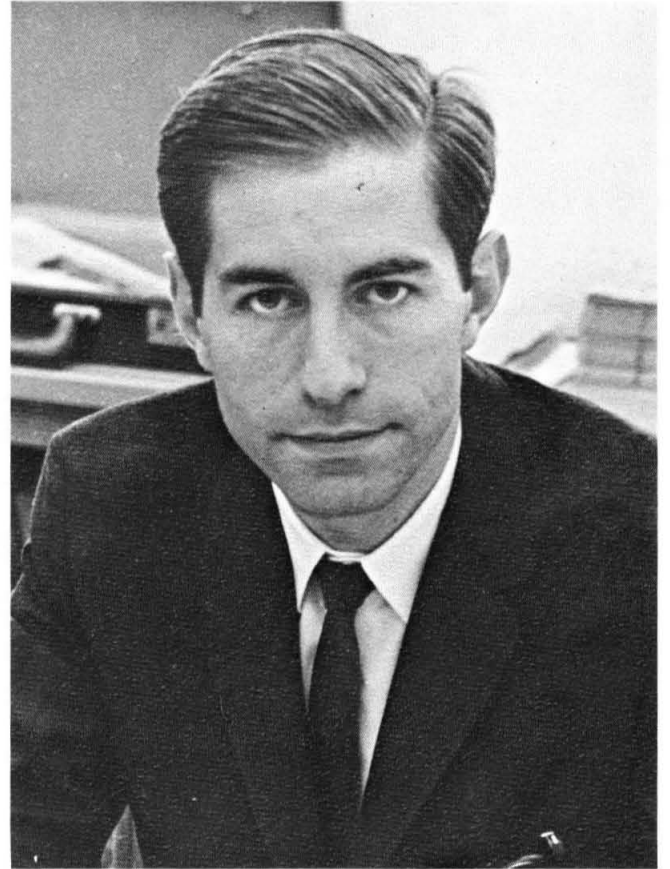


Sunney I. Chan

CHEMICAL ENGINEERING



John H. Seinfeld



George R. Gavalas



Cornelius J. Pings



William H. Corcoran

GEOLOGY



Eugene M. Shoemaker



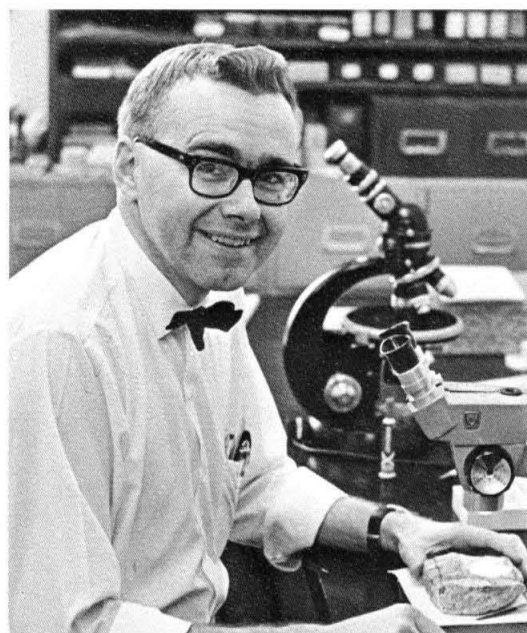
Samuel Epstein



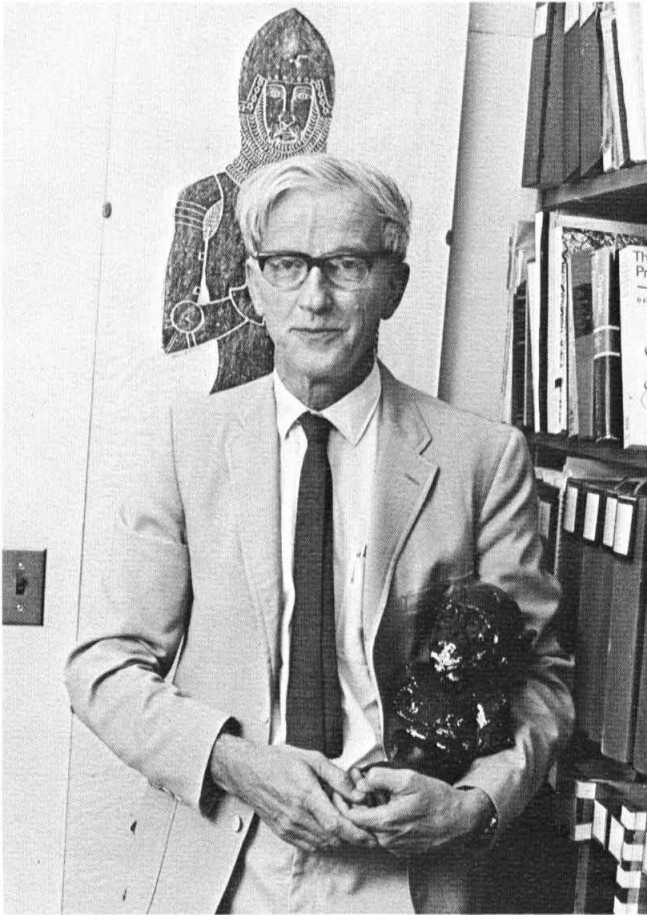
Gerald J. Wasserburg



Robert P. Sharp



Arden L. Albee

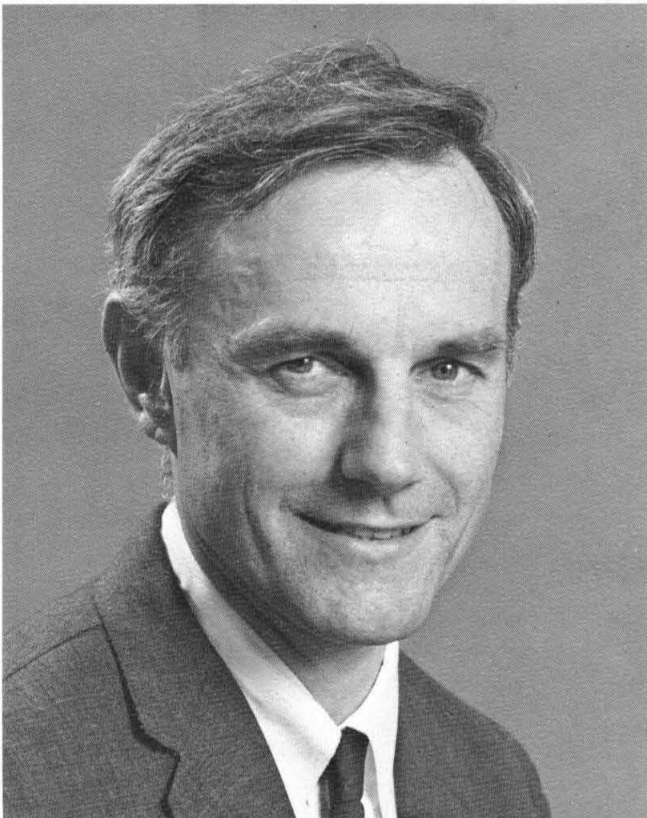


Max Delbruck

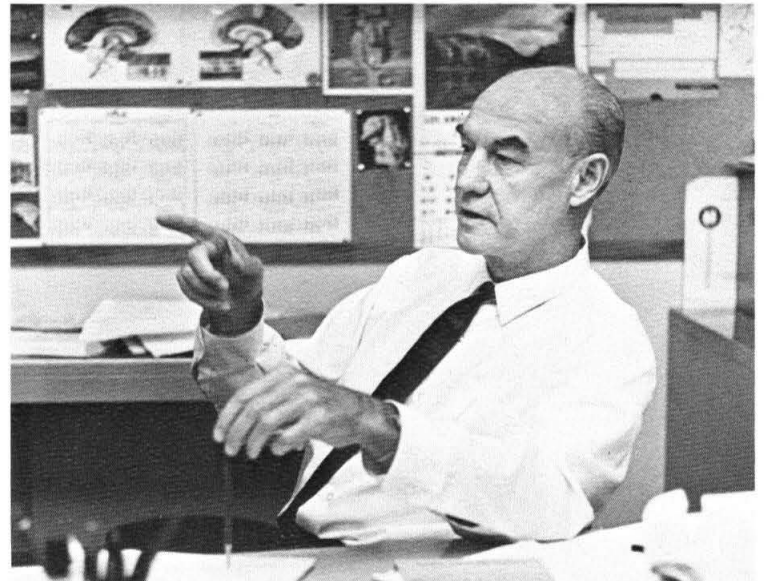


Arie J. Haagen-Smit

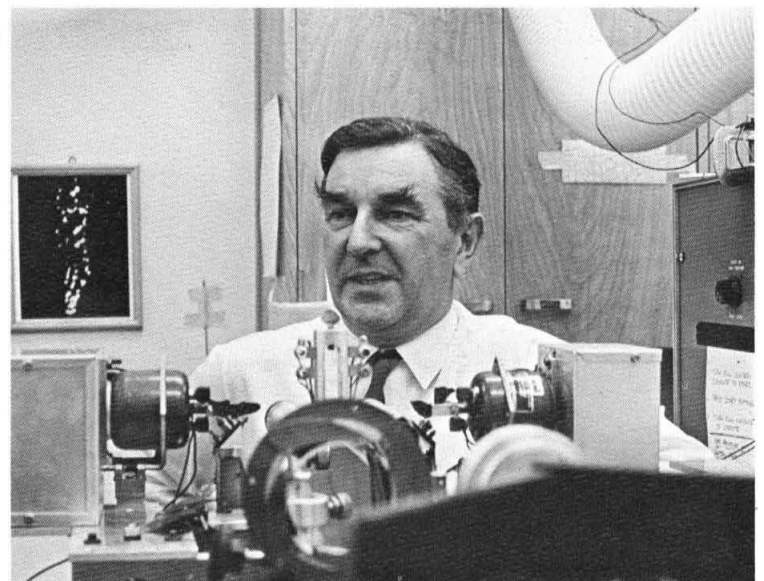
BIOLOGY



James Olds



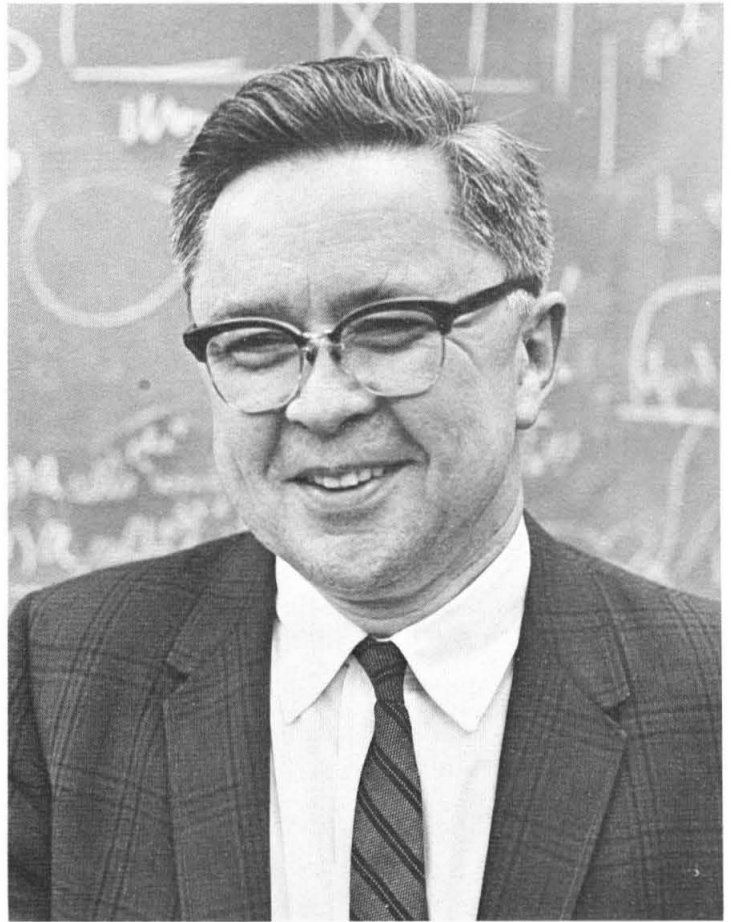
Roger W. Sperry



Derek H. Fender



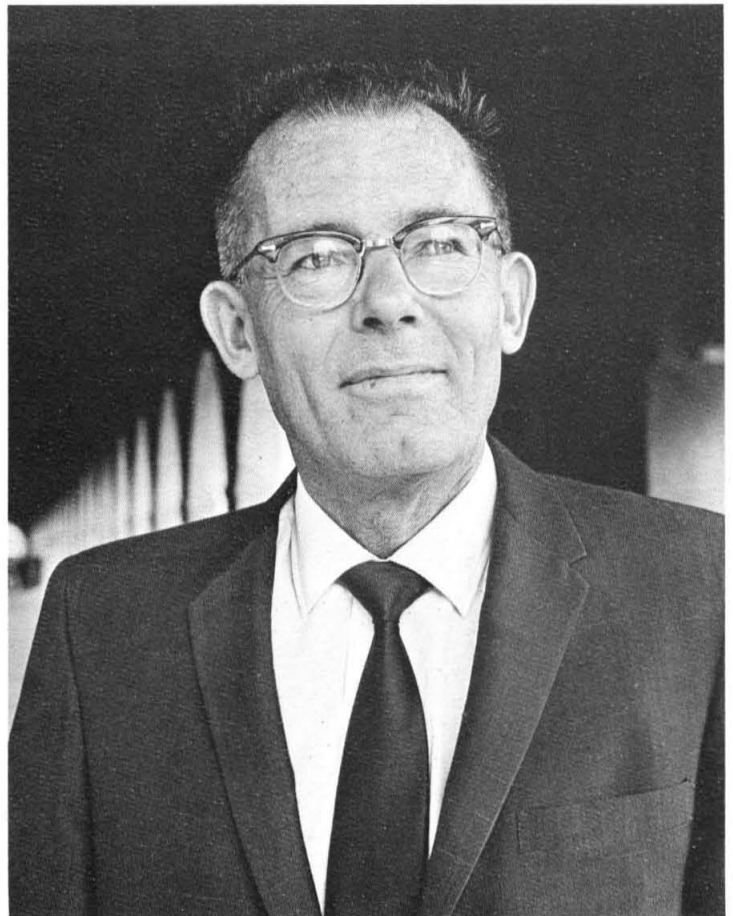
Ray D. Owen



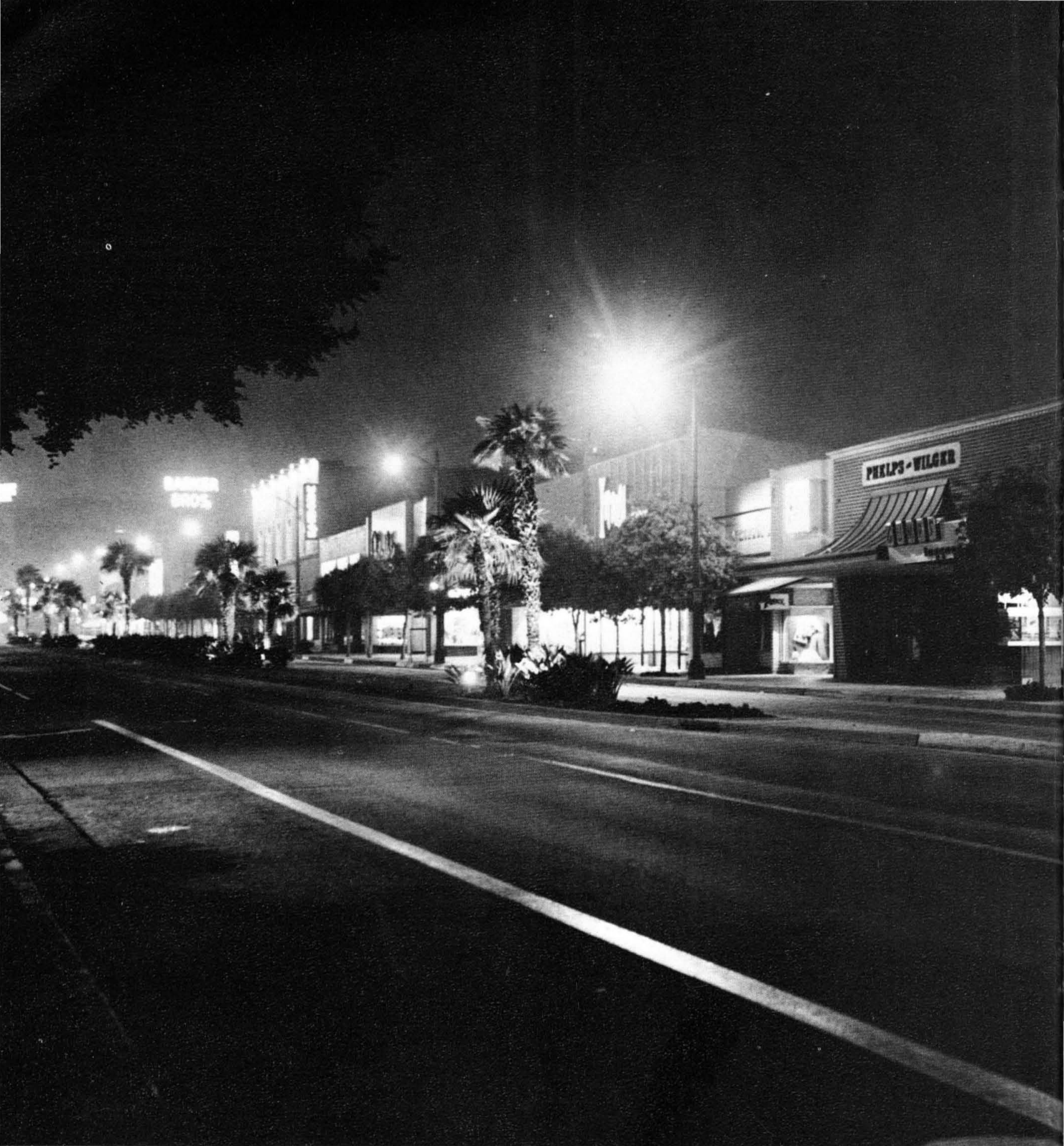
Edward B. Lewis

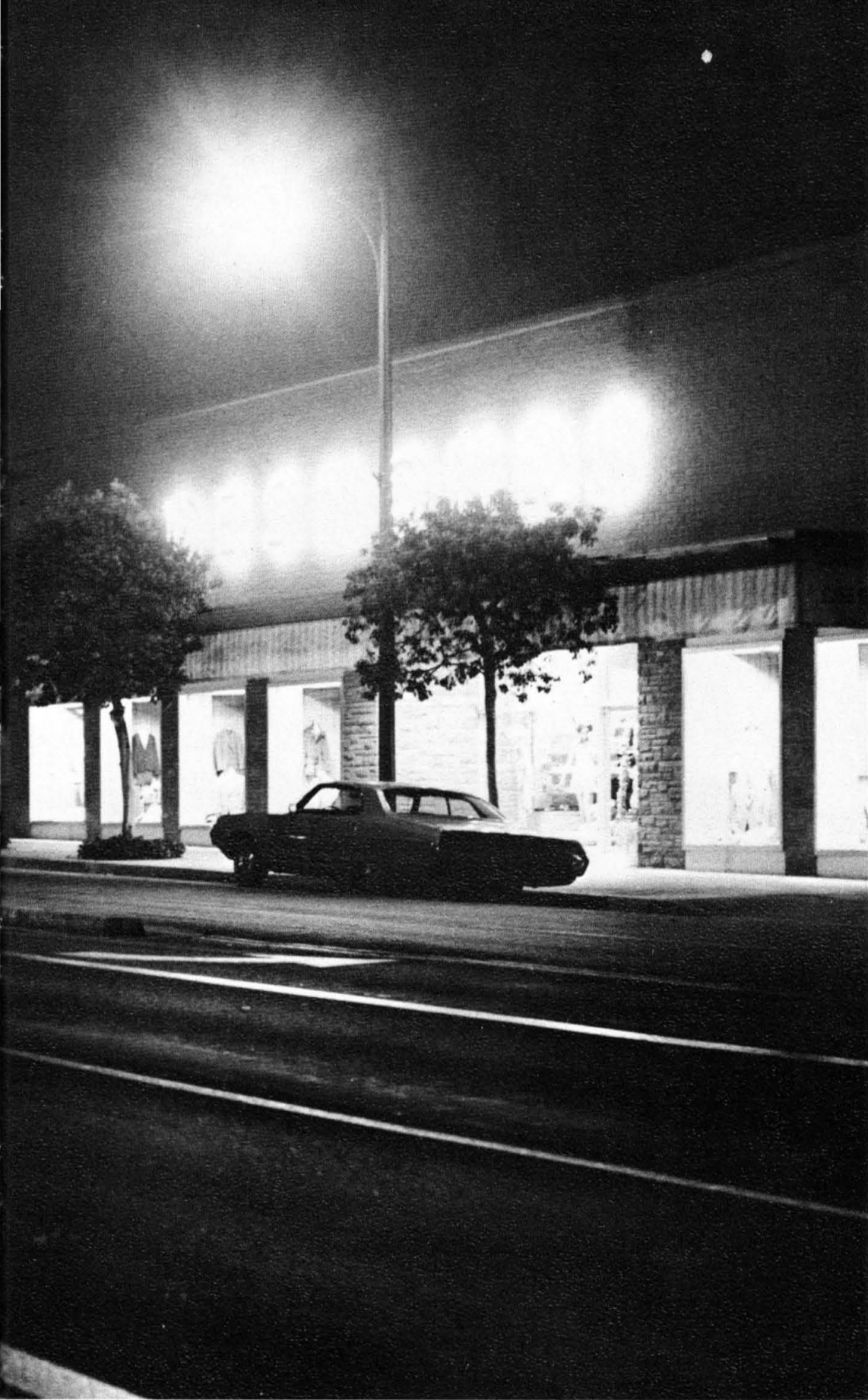


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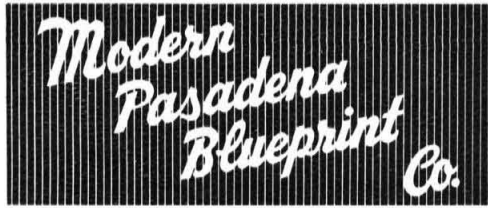
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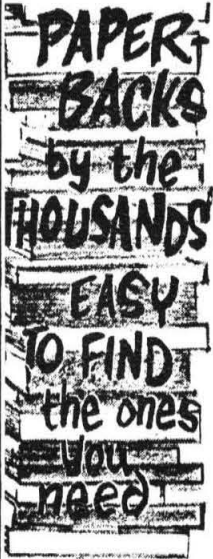
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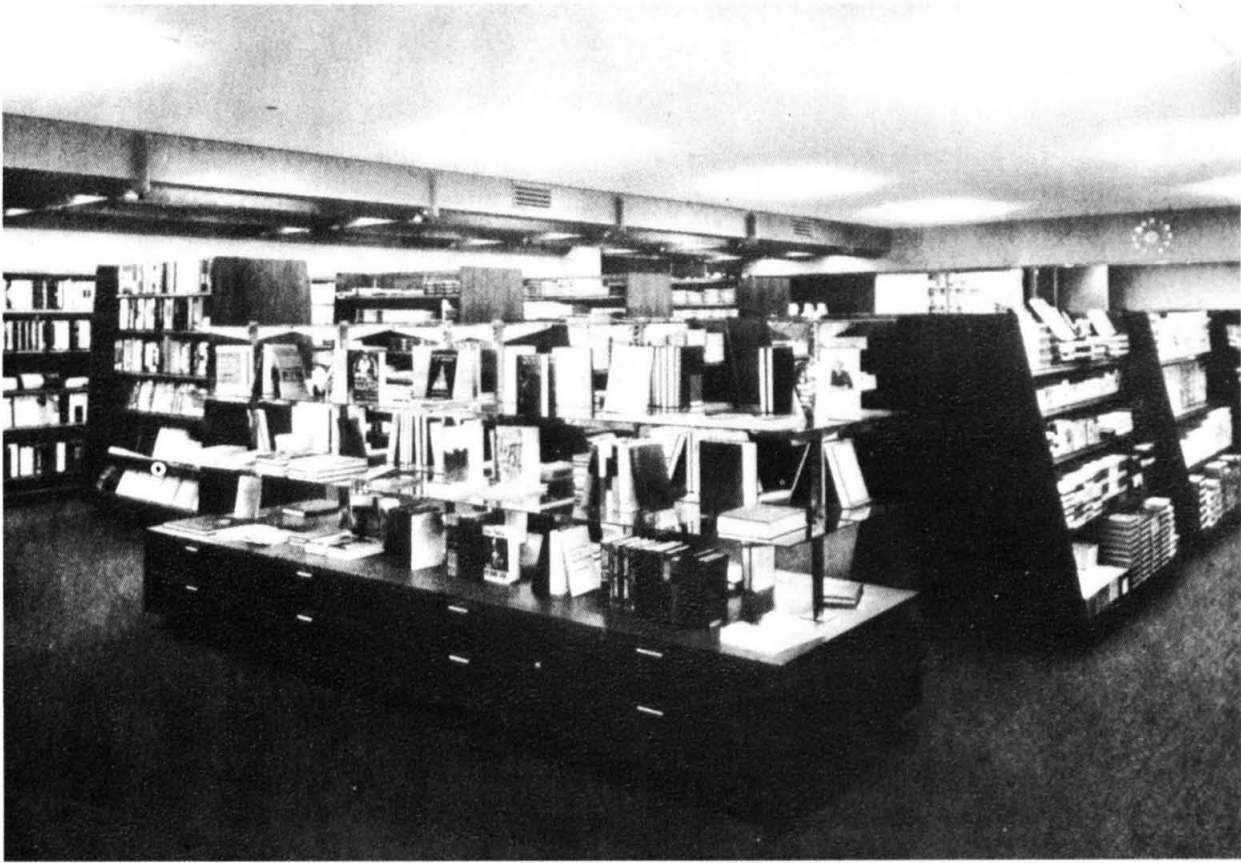
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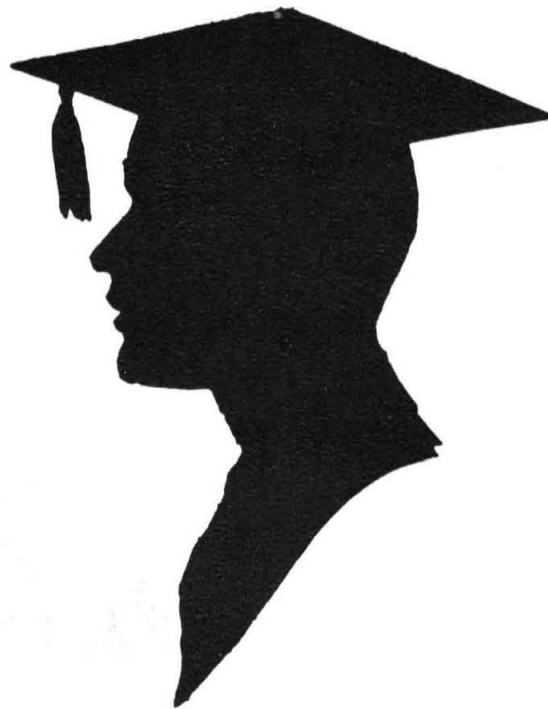
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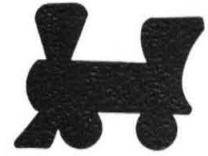
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