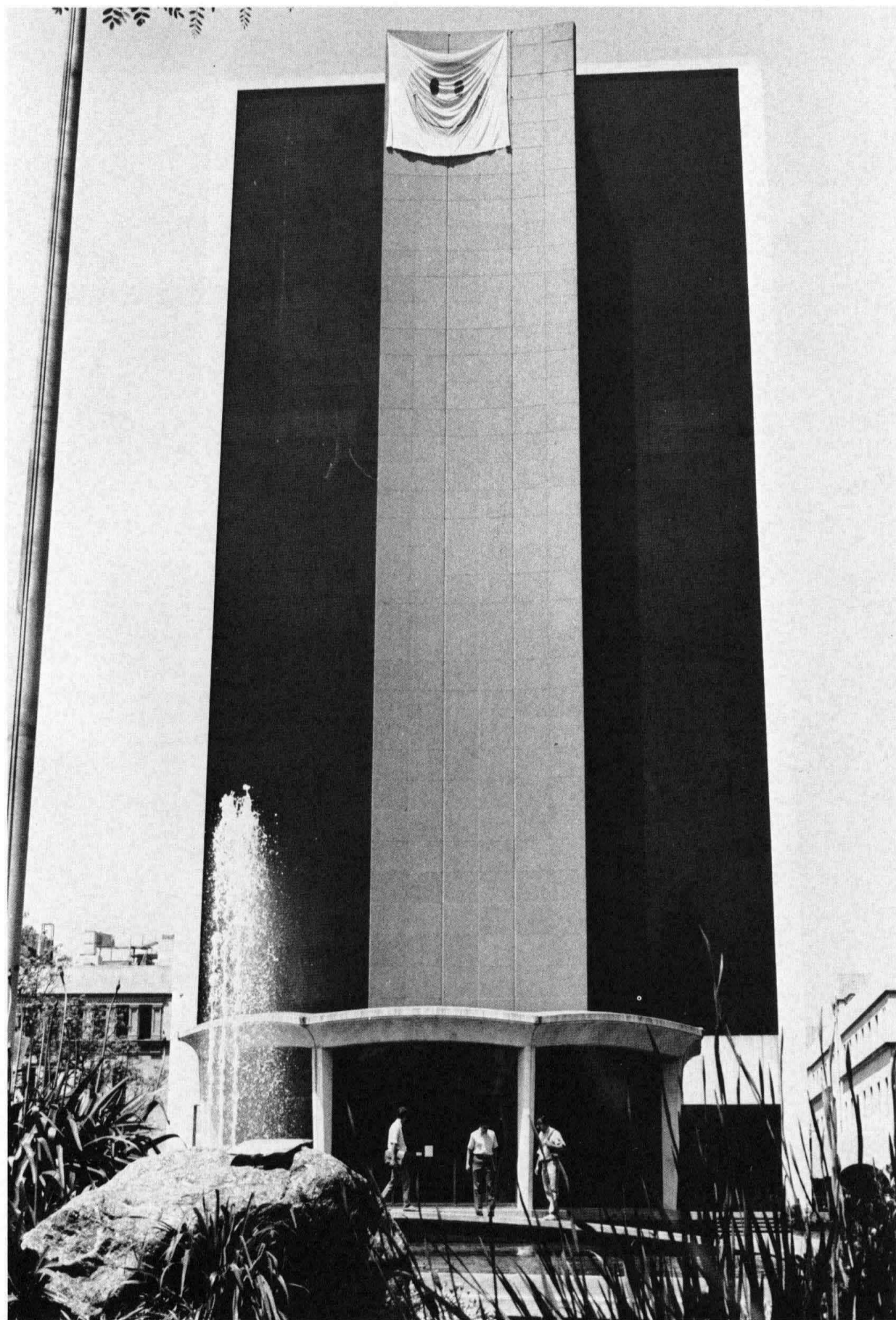


CALIFORNIA INSTITUTE
BIG T 1990
OF TECHNOLOGY











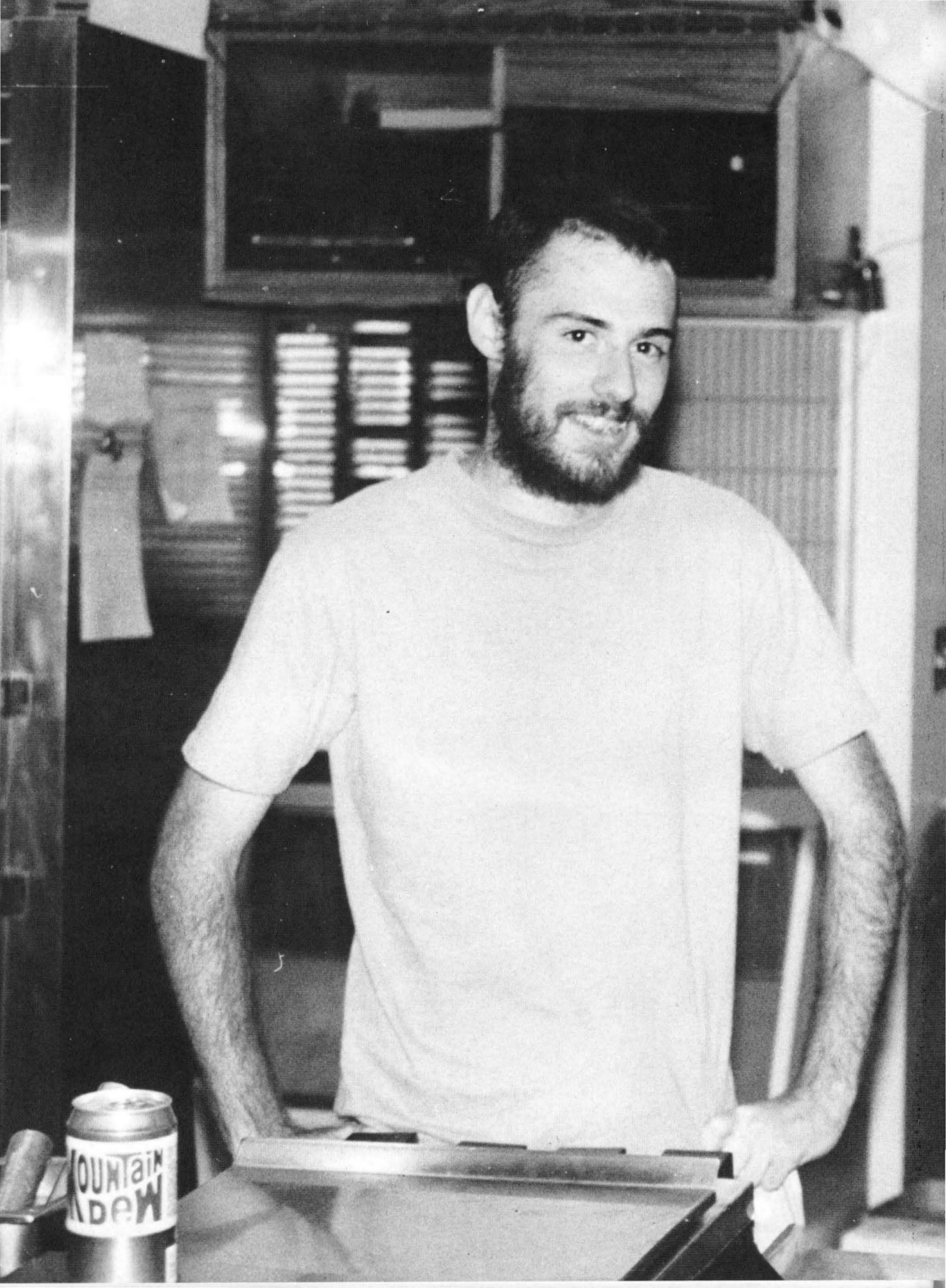


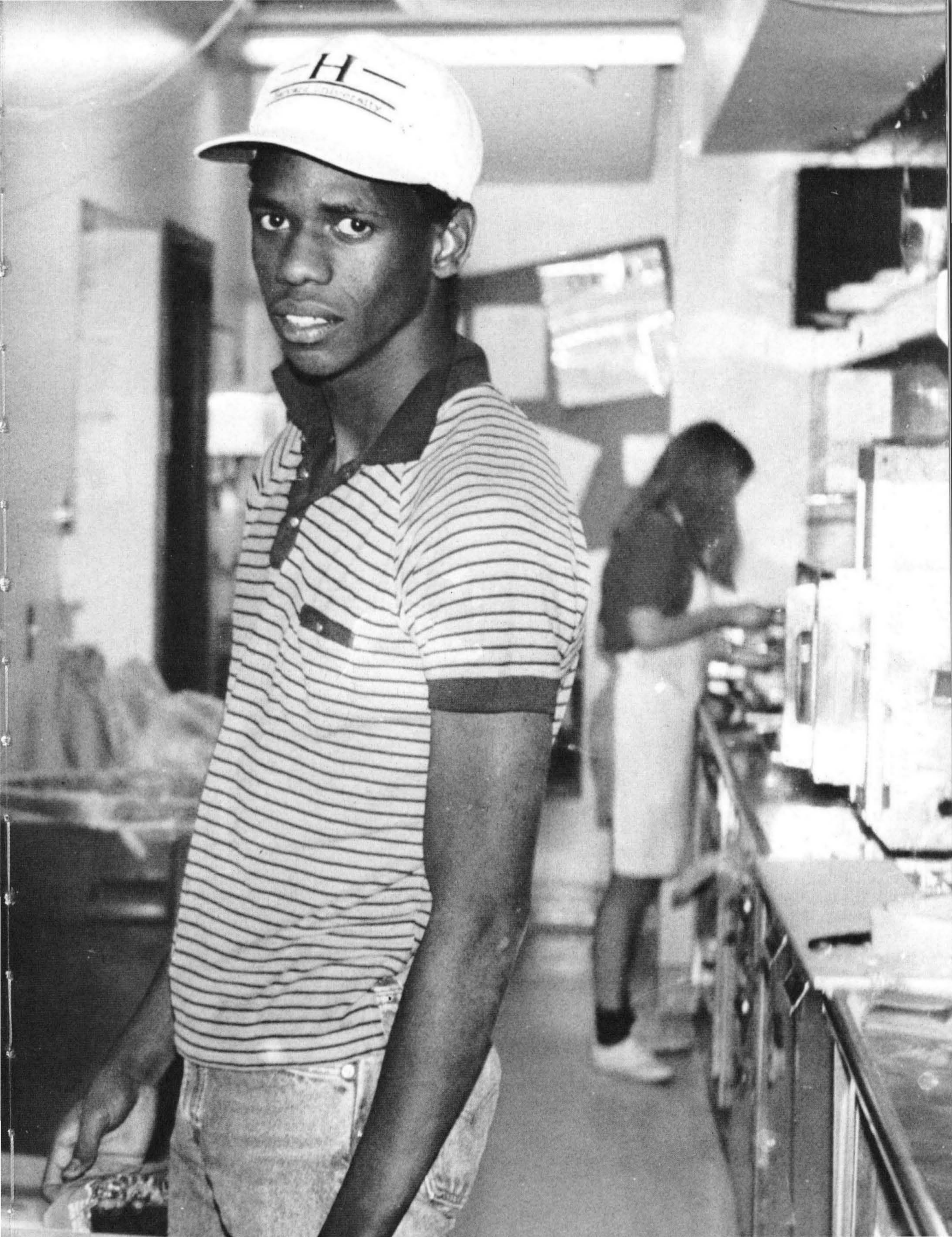














Don't SPRAY!!
WHERE
CHILDREN
PLAY!

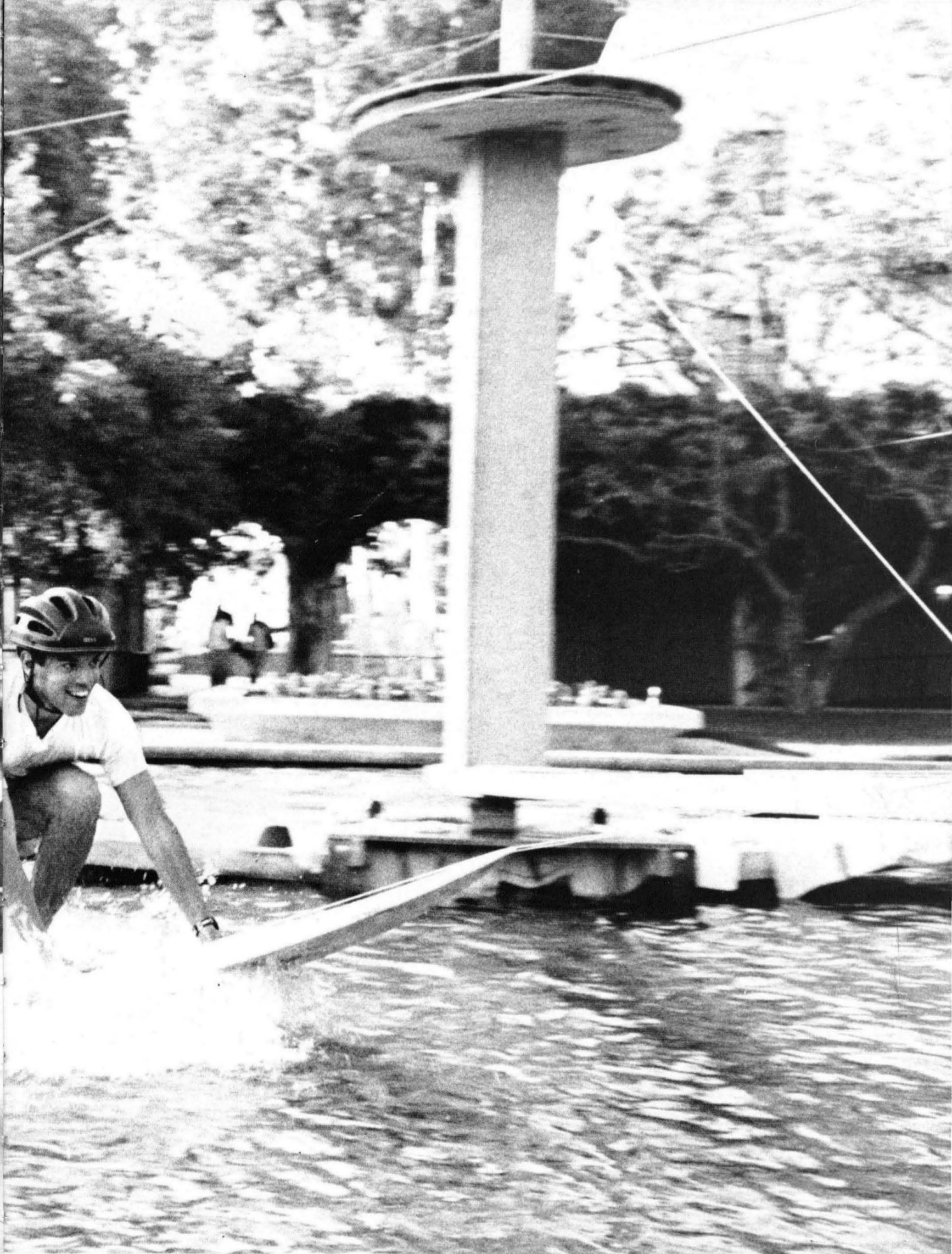
Don't SPRAY!!
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CAUTION CAUTION CAUTION

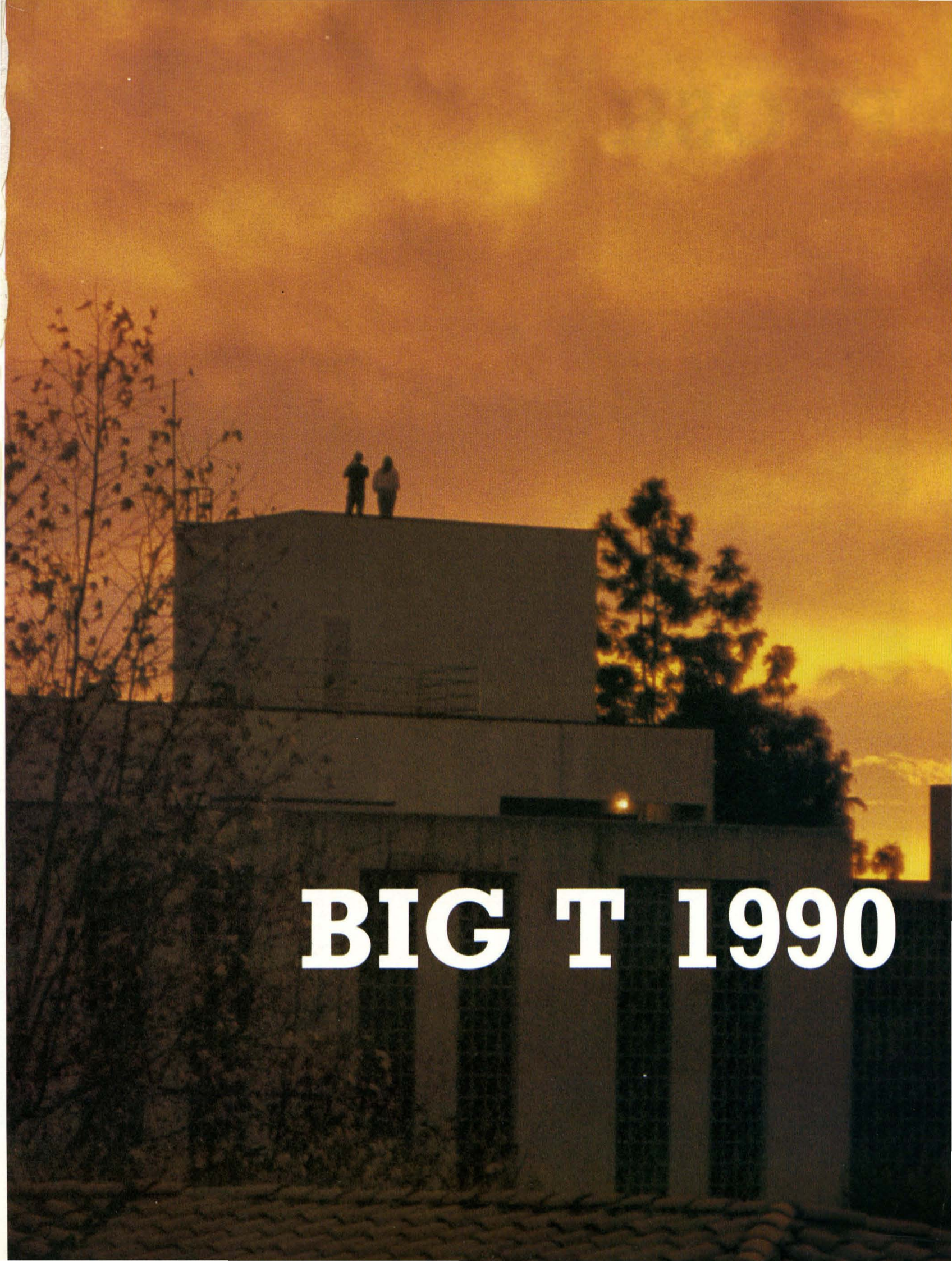






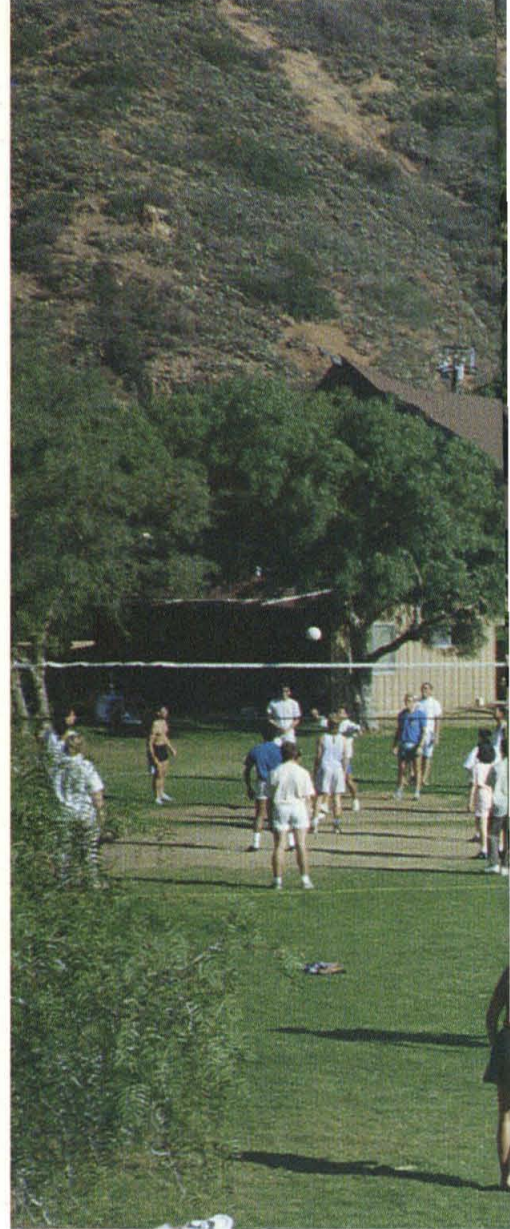




A photograph of a modern, multi-story building with a flat roof. Two people are standing on the roof, silhouetted against the bright orange and yellow sky of a sunset. The building has large windows and a minimalist design. The foreground shows some dark, leafy branches and a tiled roof. The overall mood is serene and architectural.

BIG T 1990

FROSH CAMP





Freshmen, counselors, and assorted others once again made their way to Camp Fox on Catalina Island to begin the school year. But not all was as it had been in the past. The first, and most obvious difference, was the number of women in the Class of 1993, double that of any previous class. Another change at camp was the exclusion of all alcoholic beverages. Perhaps because of this, all of the House skits ended with the gong ringing.

Freshmen got an early introduction to ME 72, with the Antonsson-sponsored design contest, whose object was to fill a bucket fifty feet from the ocean, using only the provided materials.

A party Friday night ended the goings-on, and everybody reluctantly returned to school Saturday morning.



THE YEAR





Returning Techers found that not much had changed in their absence. The Caltech Y continued to sponsor their noon concerts. Attendance was at first encouraged by lunch being served on the Olive Walk, but this was discontinued as it got colder.

Dr. Gary Lorden, former Dean of Undergraduate Students, replaced Dr. Jim Morgan as Vice President for Student Affairs, taking Jean Noda with him, out of the Dean's office. Jean was replaced by Barbara Green, new to Caltech.

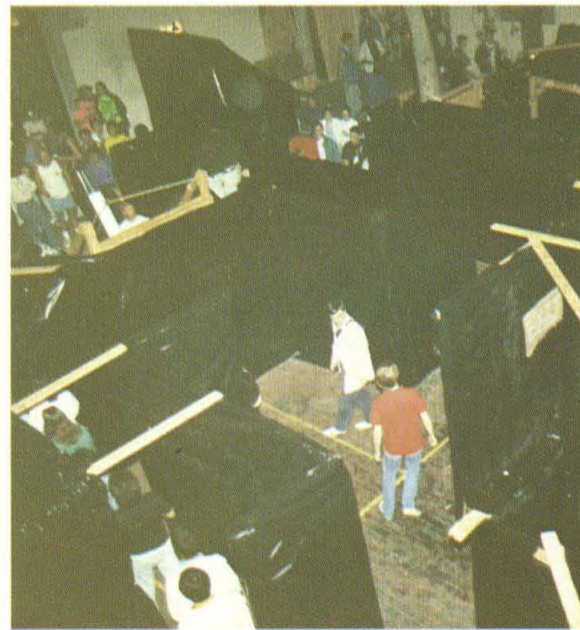
Mudeo, the “Freshman-Sophomore Event,” was held for the first time in many years, due to the efforts of Junior Class Officers Dave Geraghty and Steve McLaughlin. Despite a strong showing by the freshmen, the sophomores ended up winning a majority of the events, including the legendary tug-of-war. There were many spectators in attendance, although more seemed interested in the free food than in the event itself.



MUDEO



INTERHOUSE

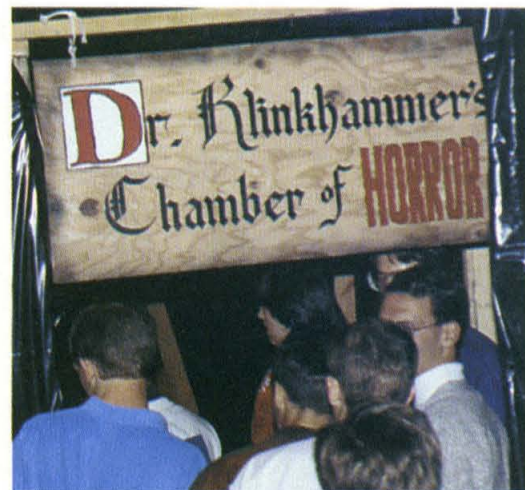


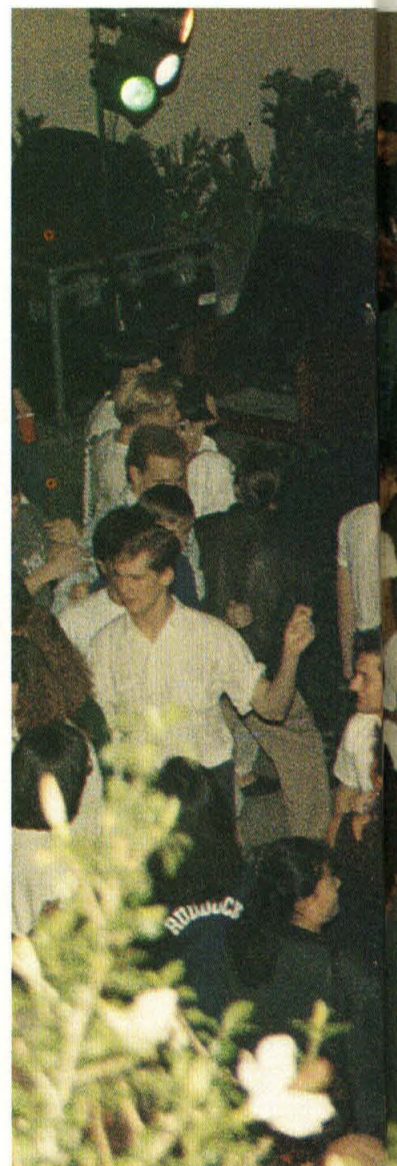
Interhouse this year once again proved to be a memorable experience, although not necessarily for the right reasons. The administration, in an attempt to make the event a happier one, arranged to have a fence put up around the student houses, with strictly controlled access. This fence helped keep out hundreds of teenagers. Others managed to make their way in through the steam tunnels and by breaking windows in Blacker.

Limiting the attendance to college students did not seem to change very much the overall atmosphere of Interhouse. Although nobody was hurt this year, there was a great deal of theft and damages. This included the Discobulous Trophy (which has not been seen since) and one of the vehicles belonging to the food service, which was severely damaged. In all, the Institute spent in the neighborhood of twenty thousand dollars in addition to the two-three thousand spent by each house.

Dabney House elected not to participate in Interhouse this year.

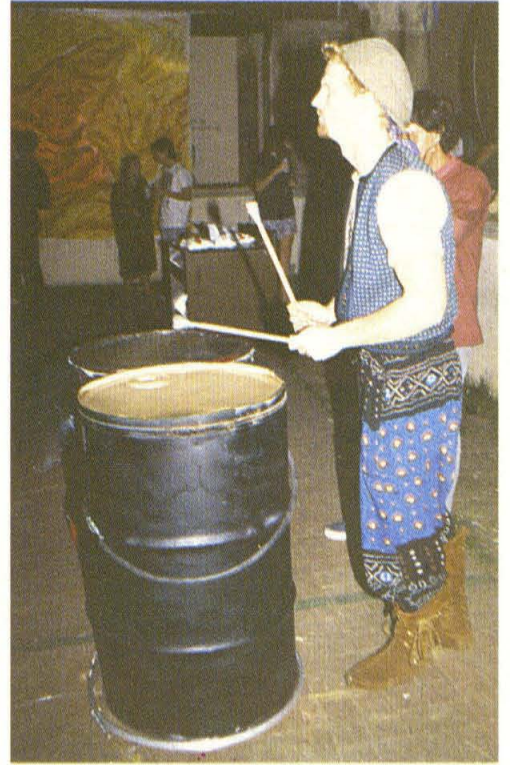












Dabney House is CLOSED FOR INTERHOUSE

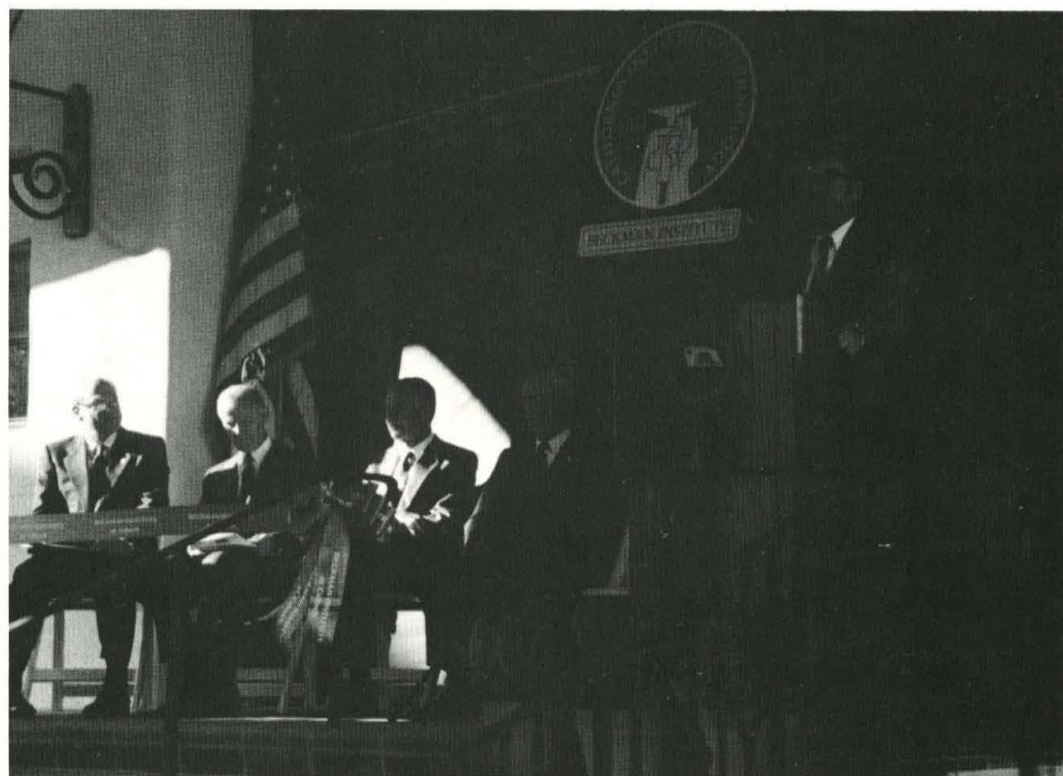
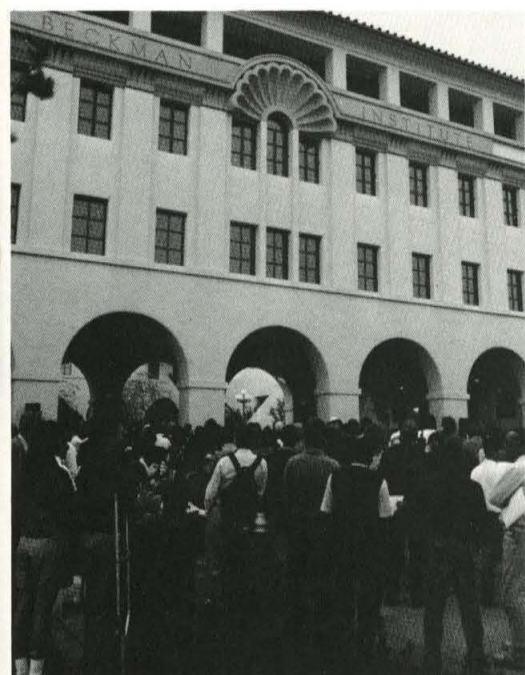
in protest of the policies
of Louis Wilde,

Master of Student Houses

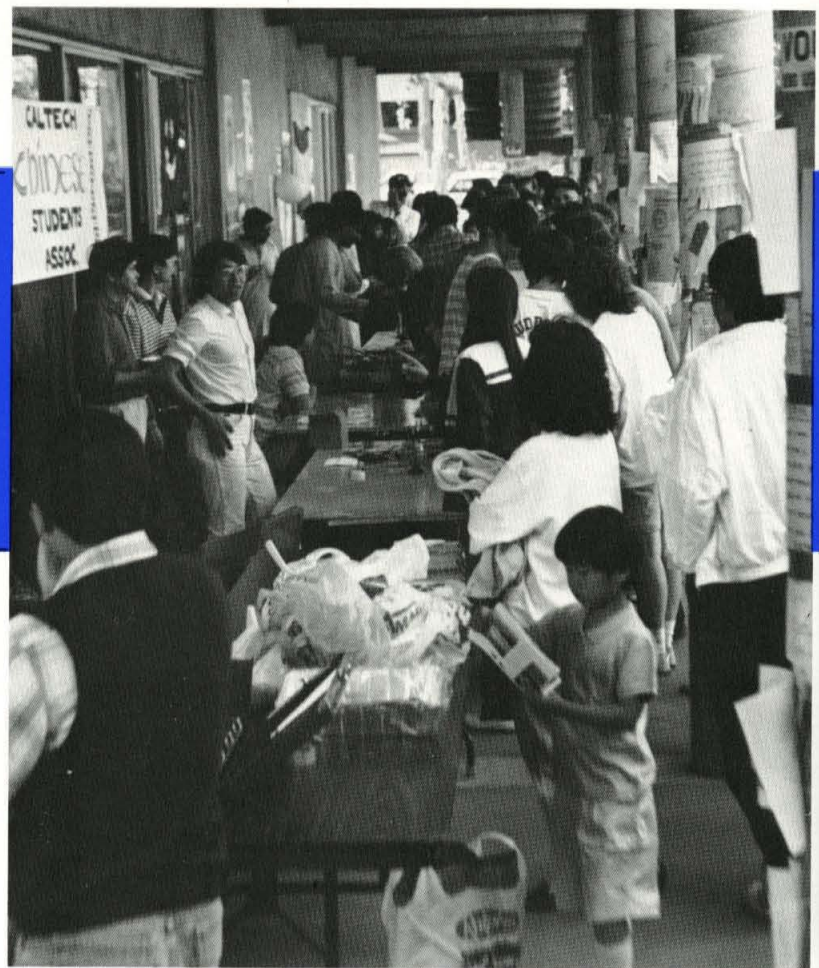






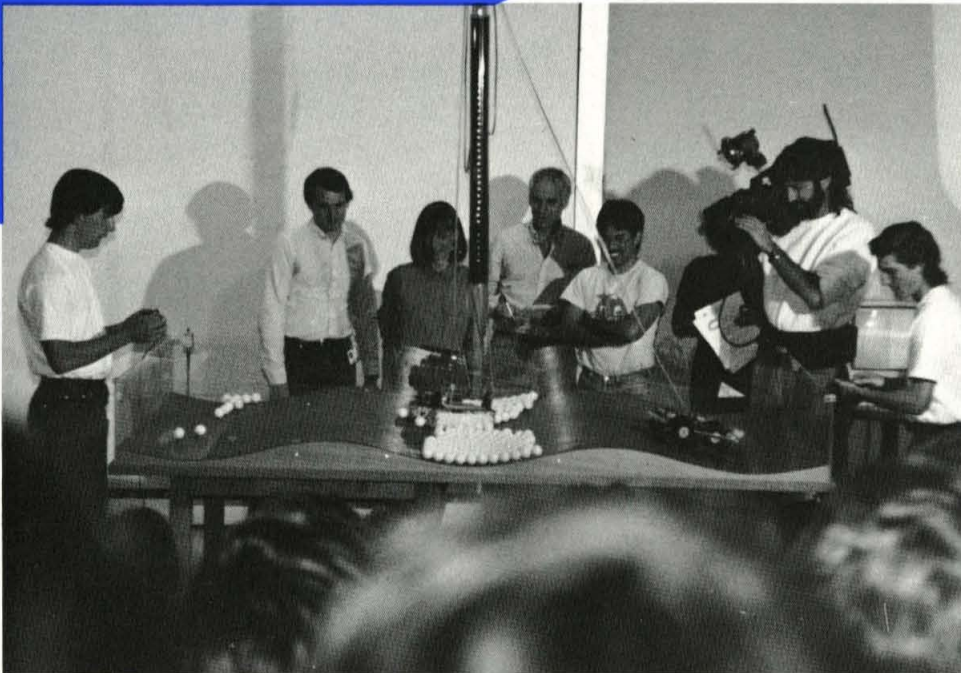
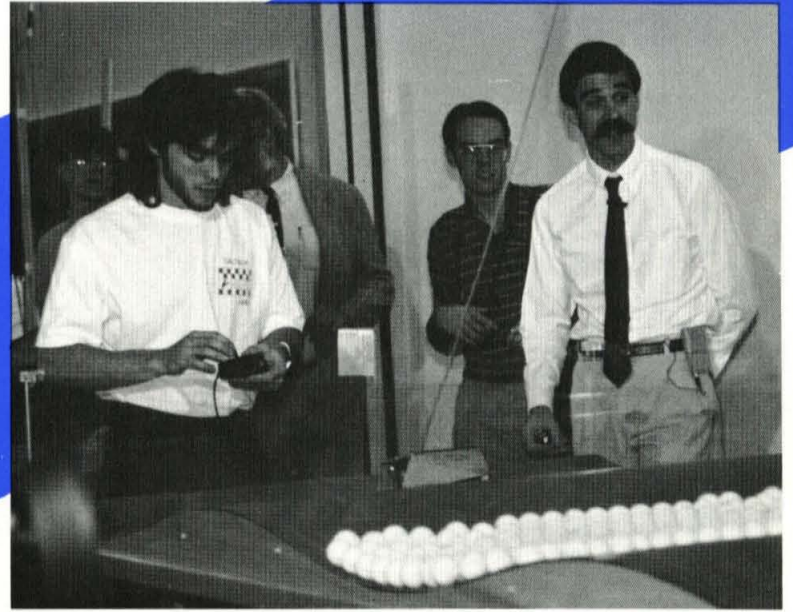
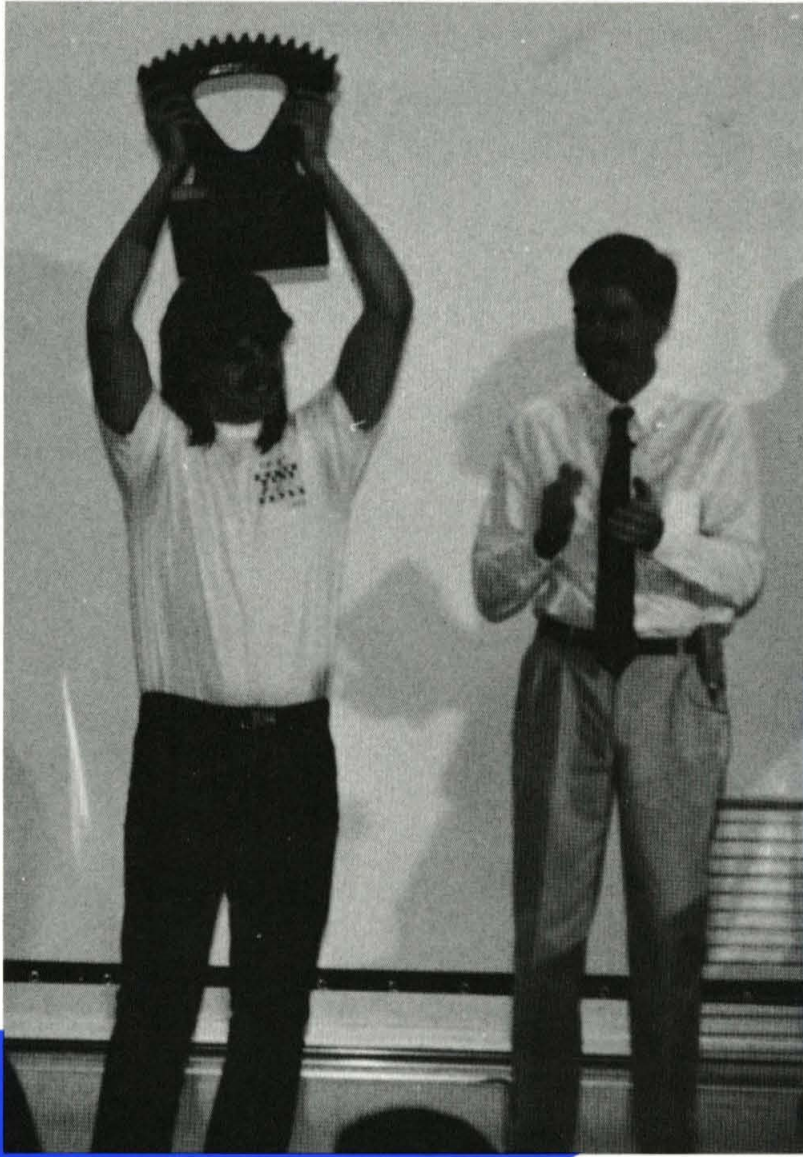


BECKMAN INSTITUTE

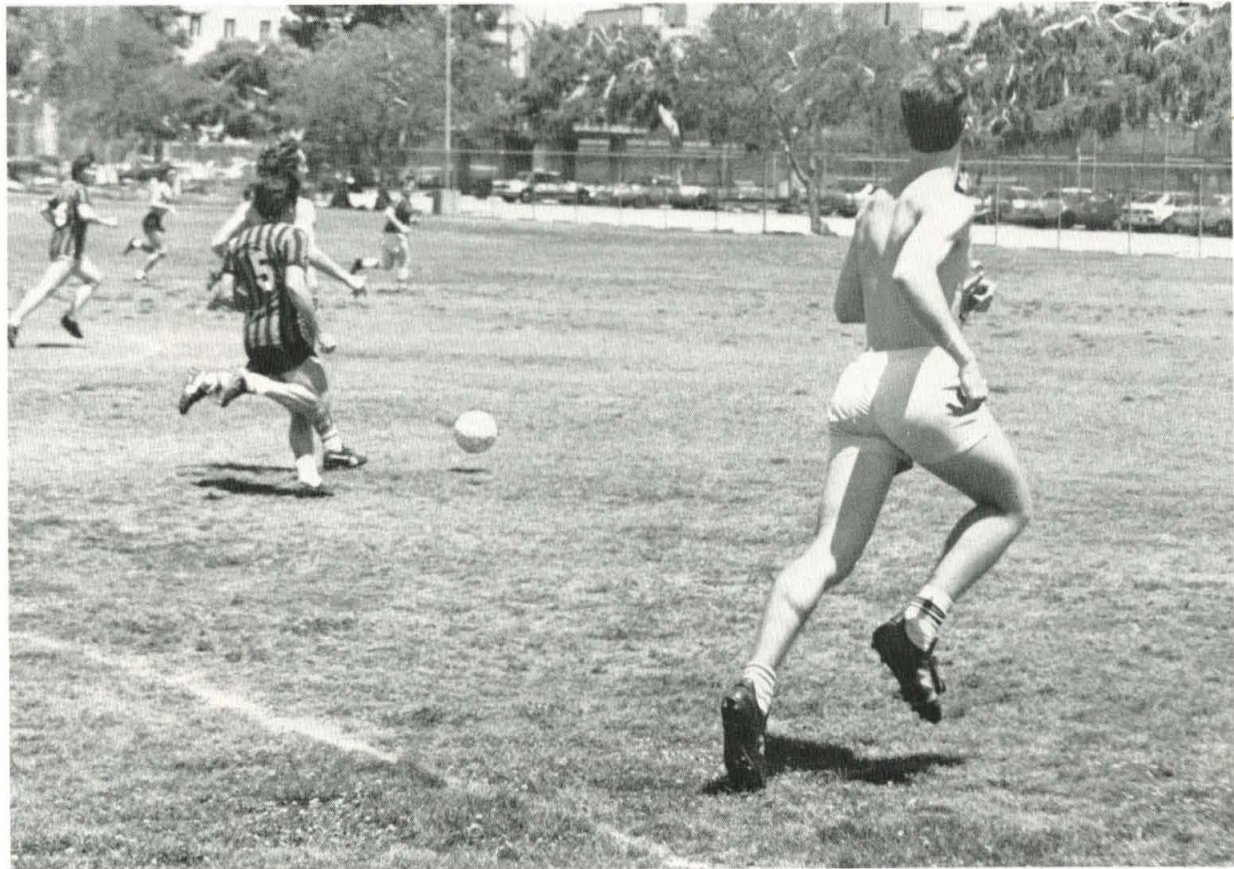
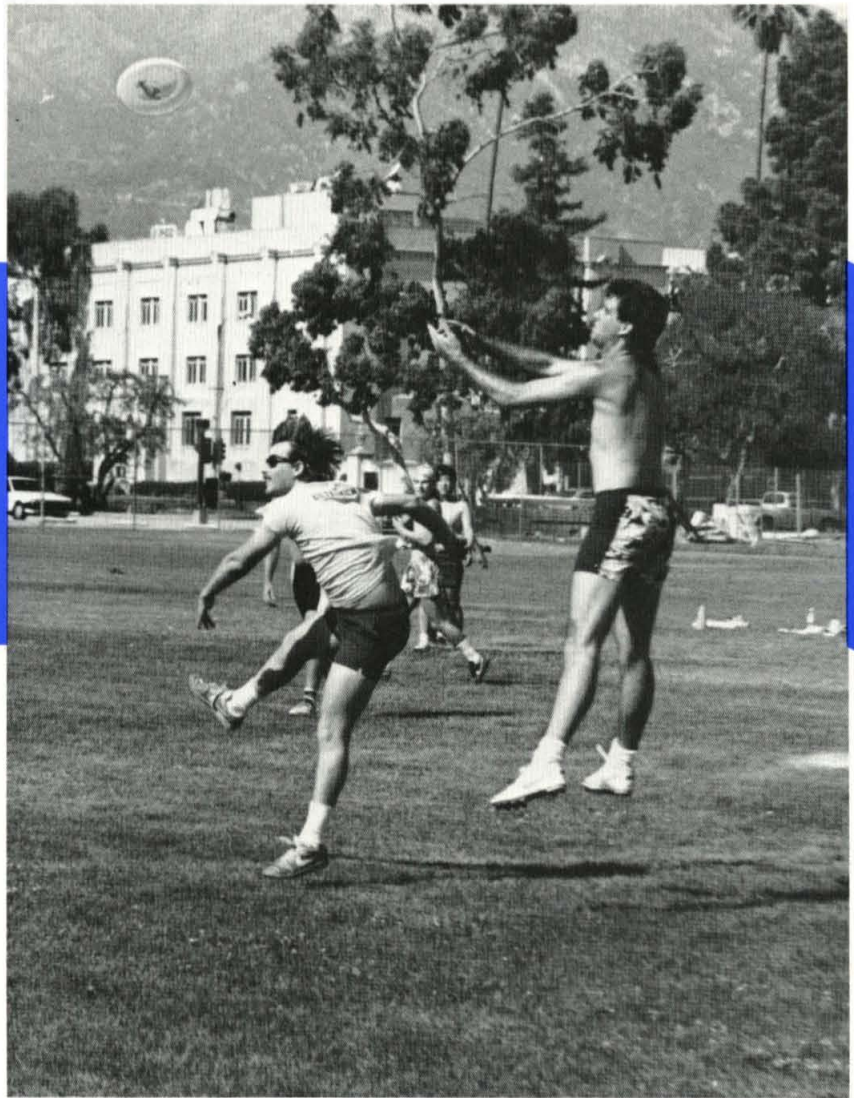
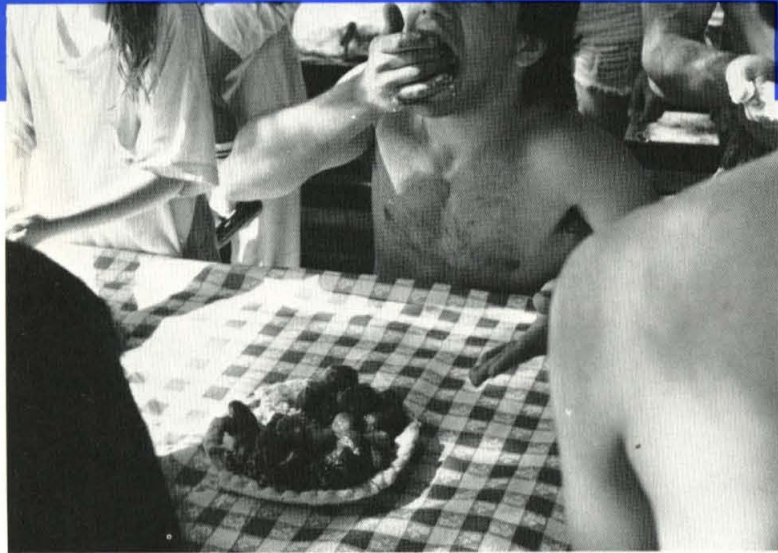


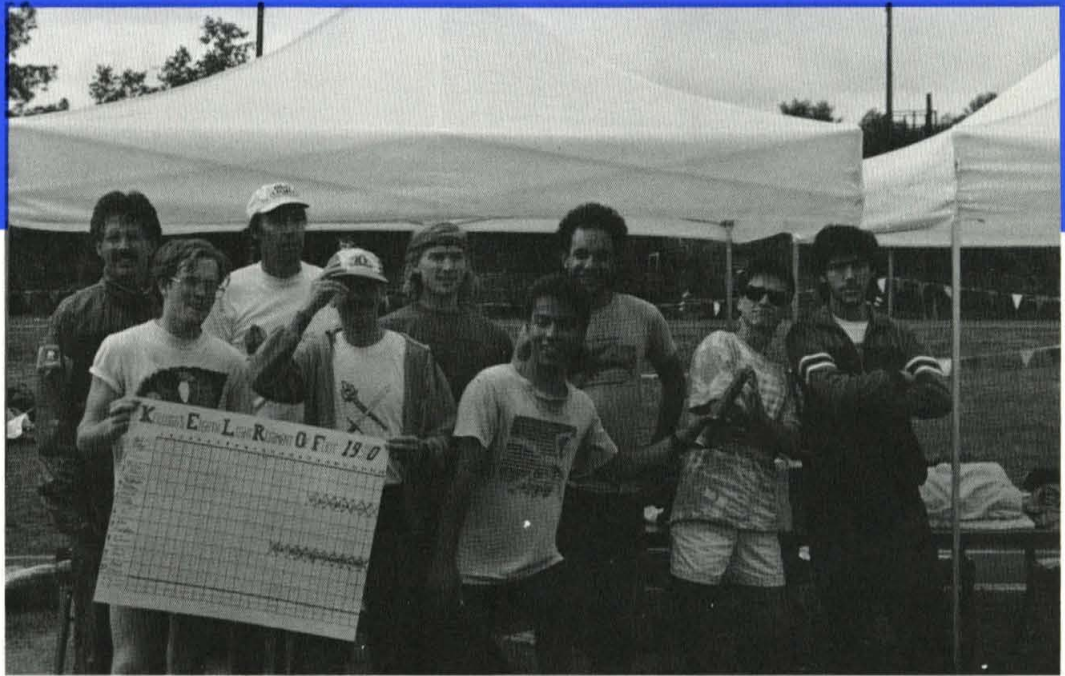
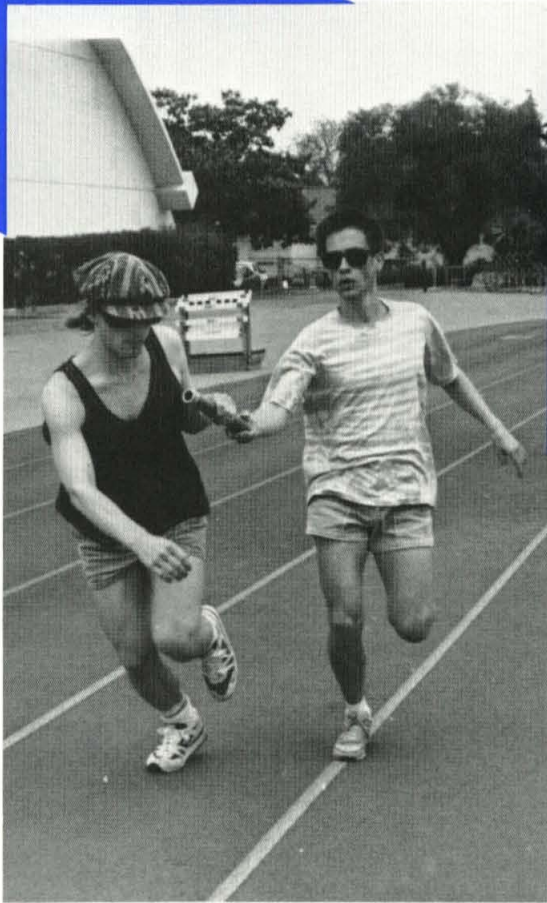
INTERNATIONAL DAY

DESIGN CONTEST

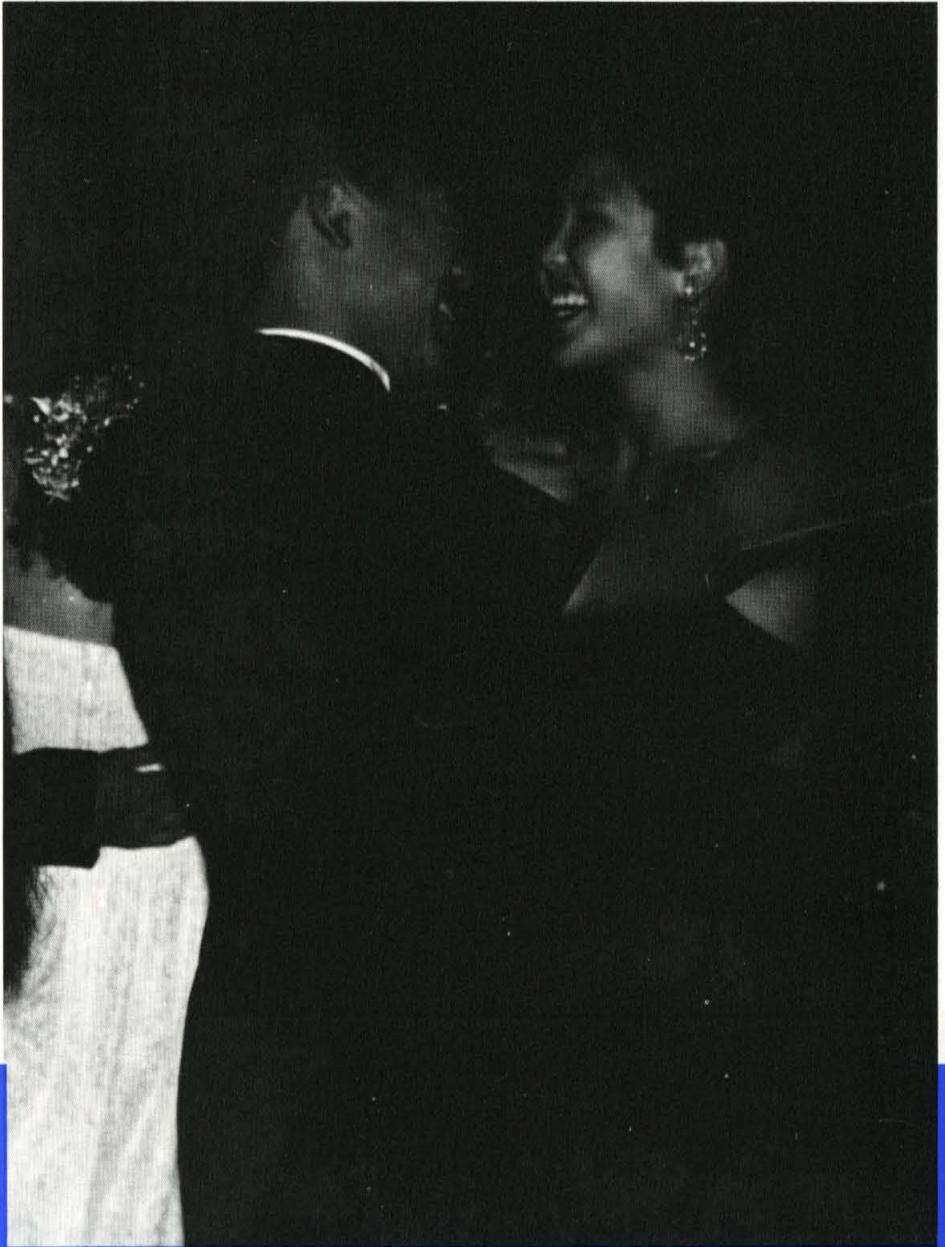
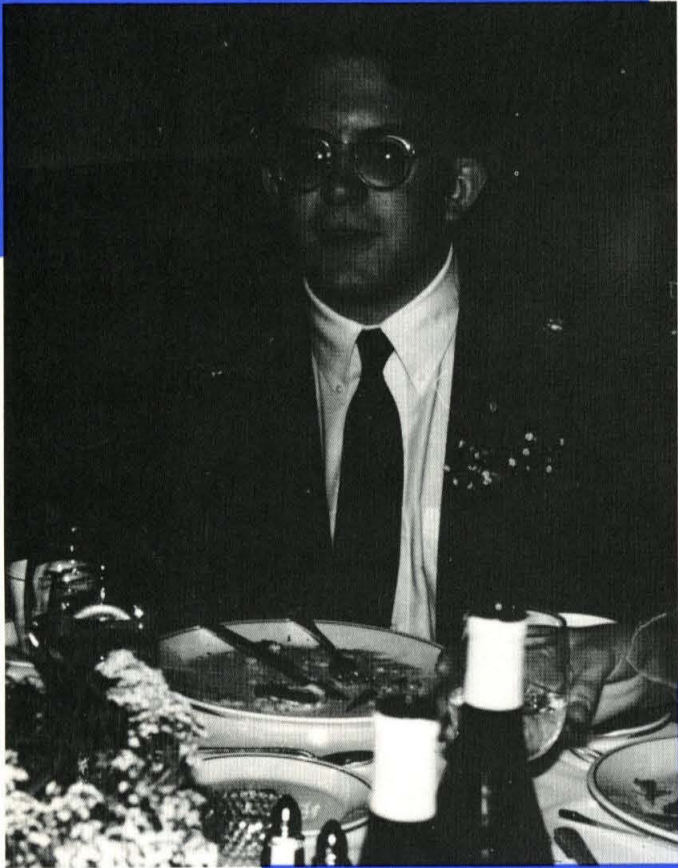


SPORTS DAY

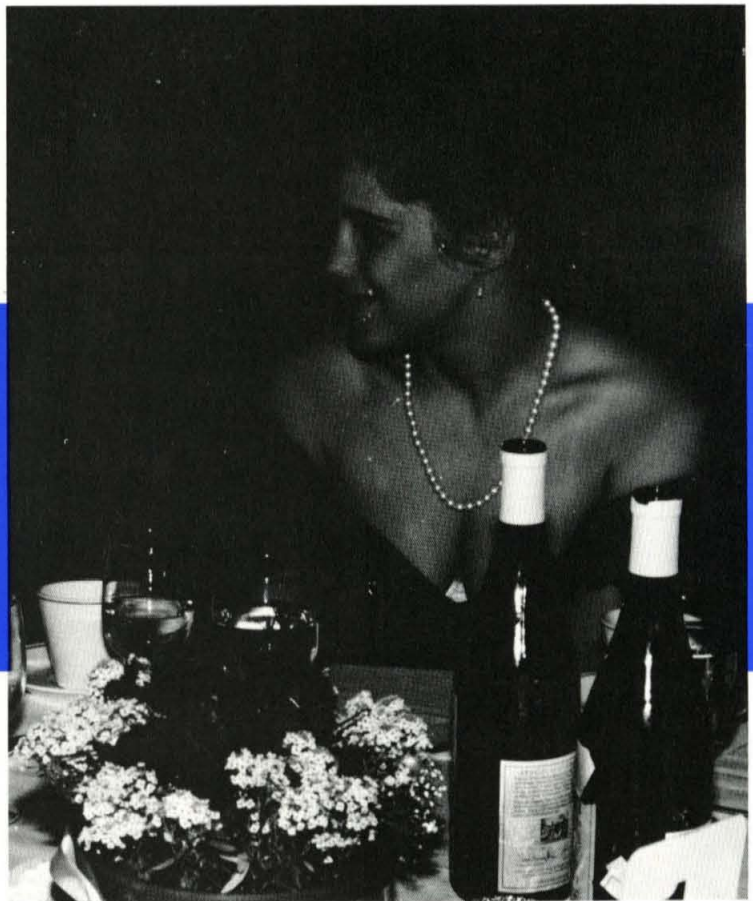
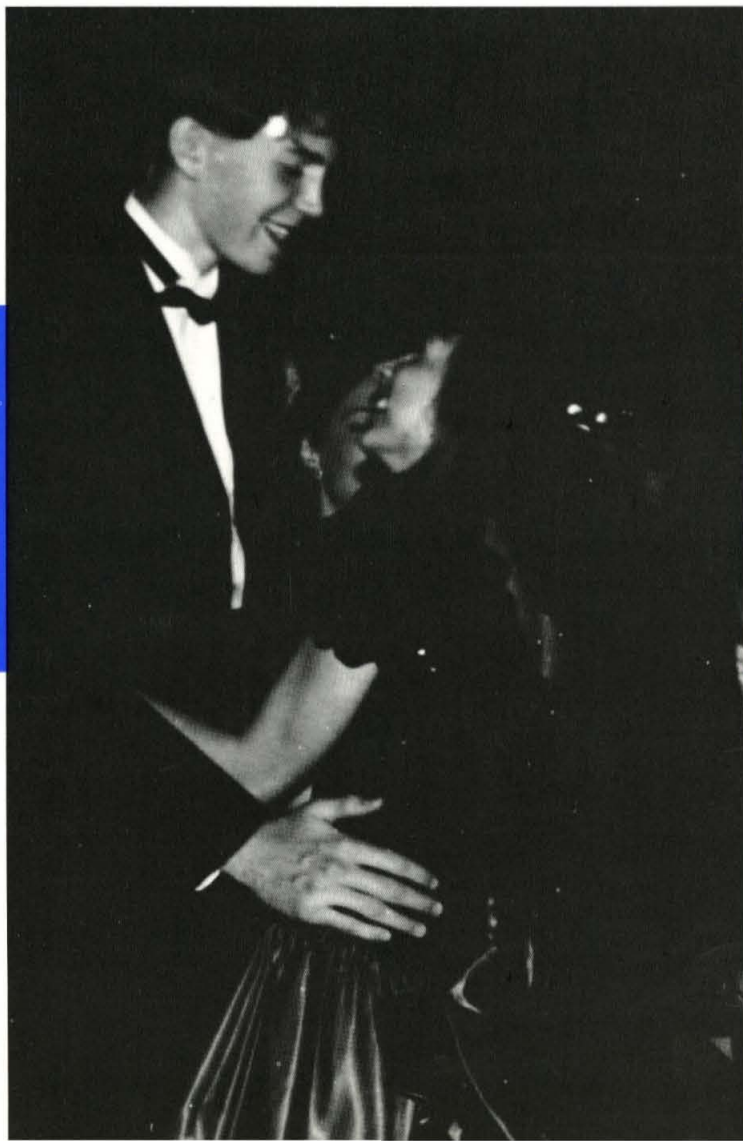
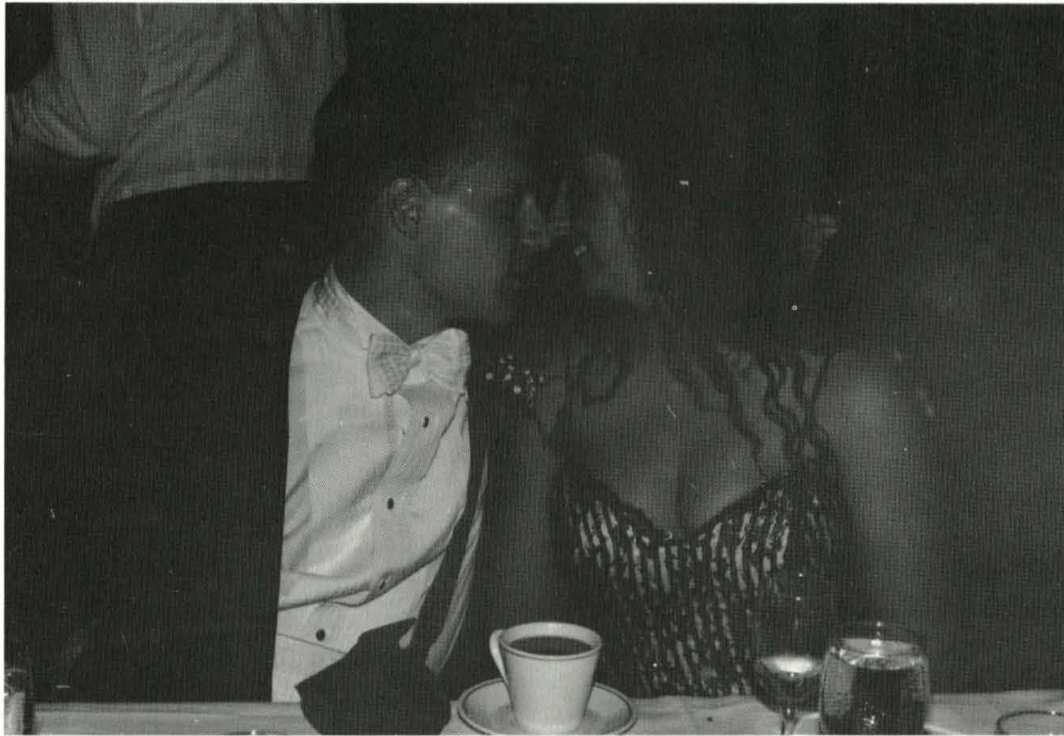




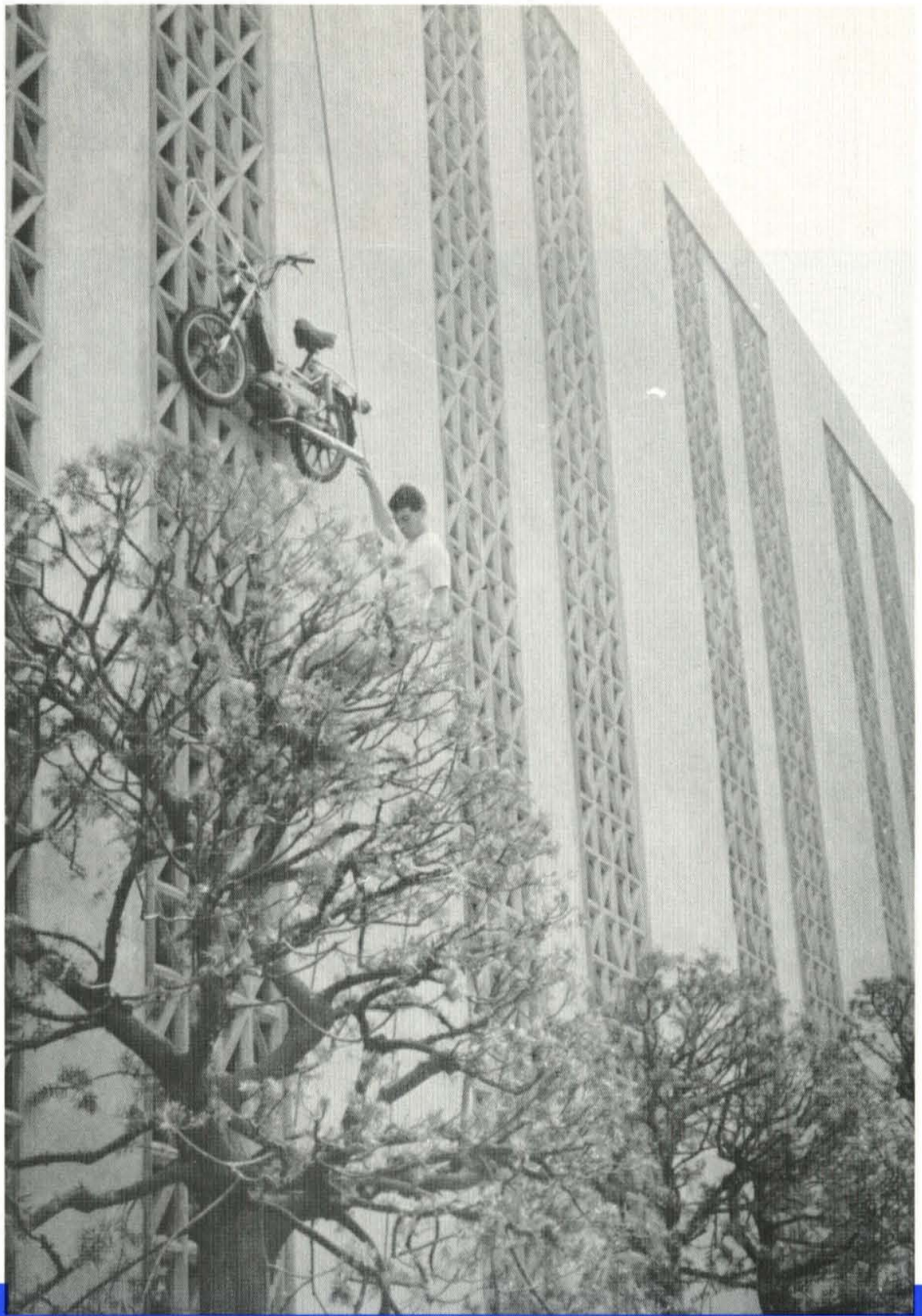
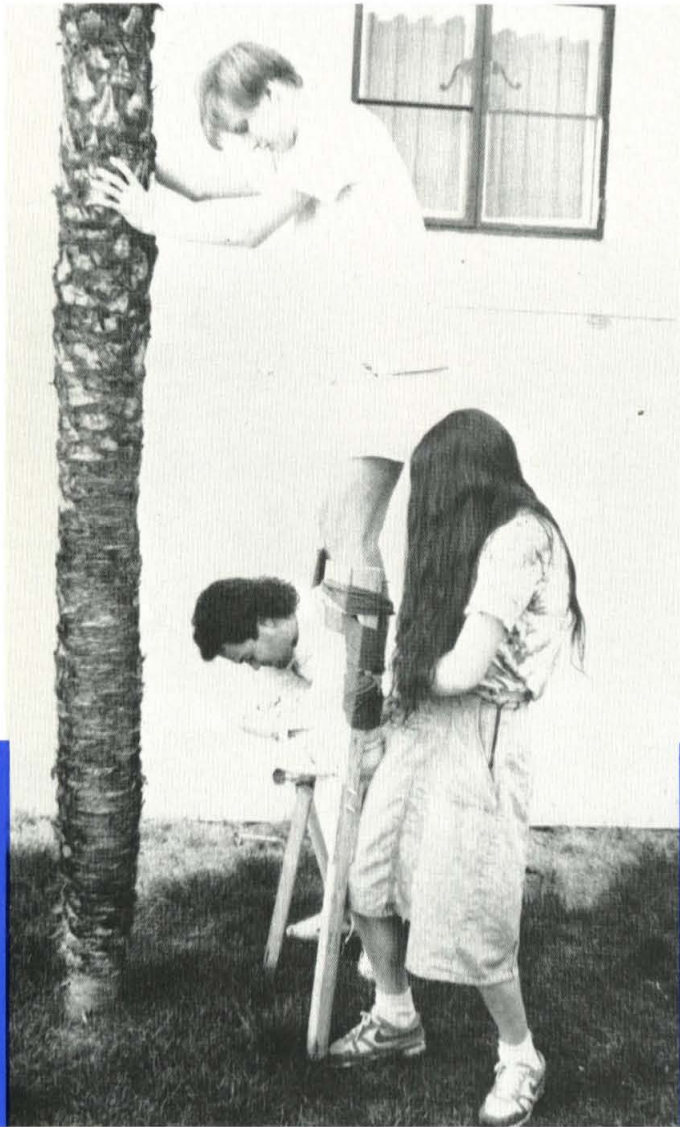
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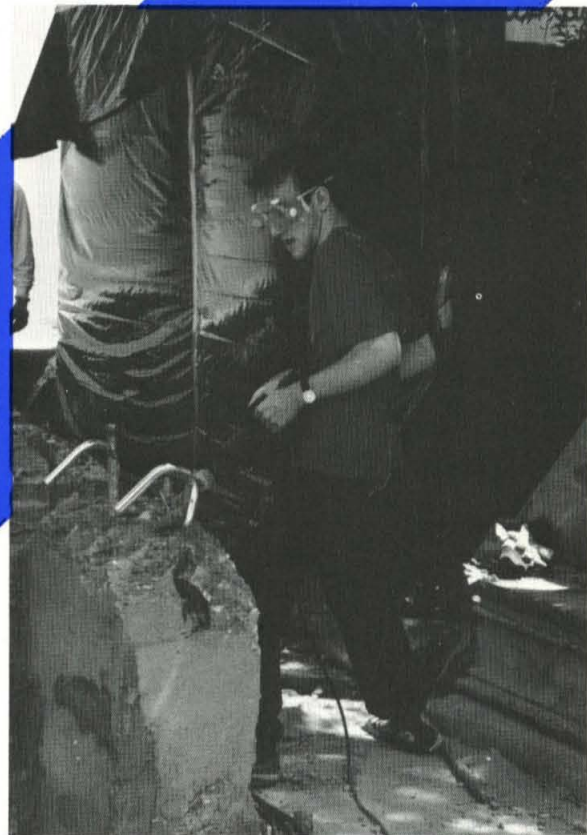
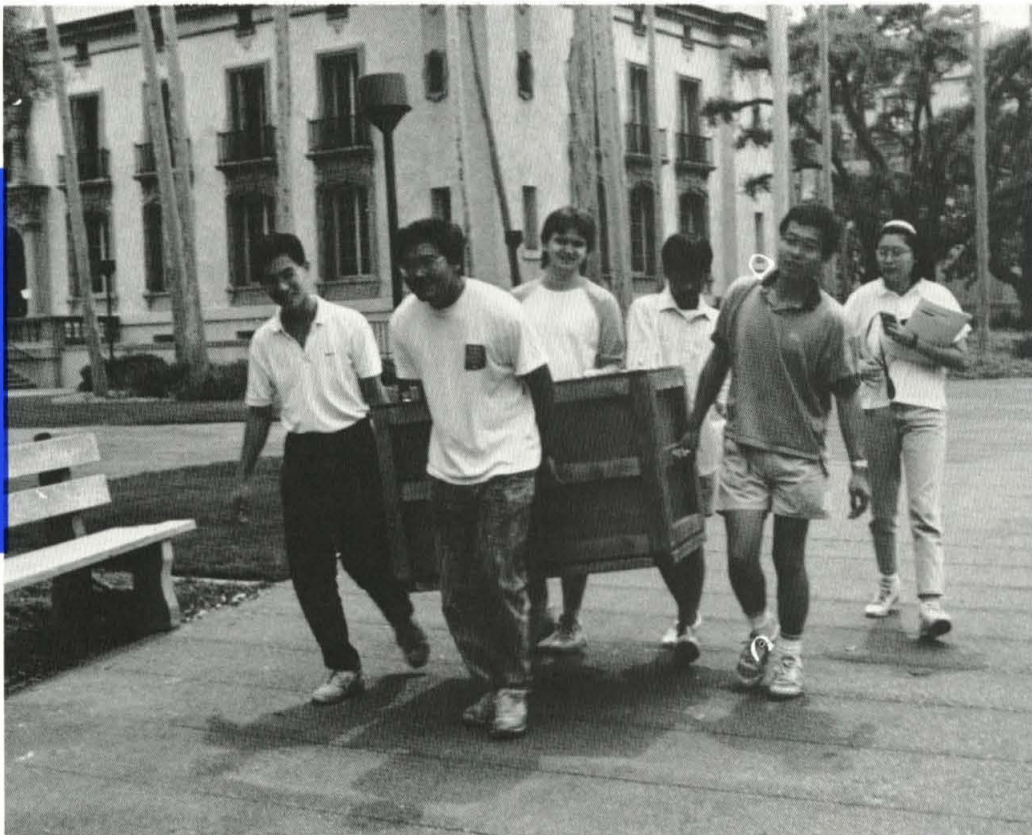


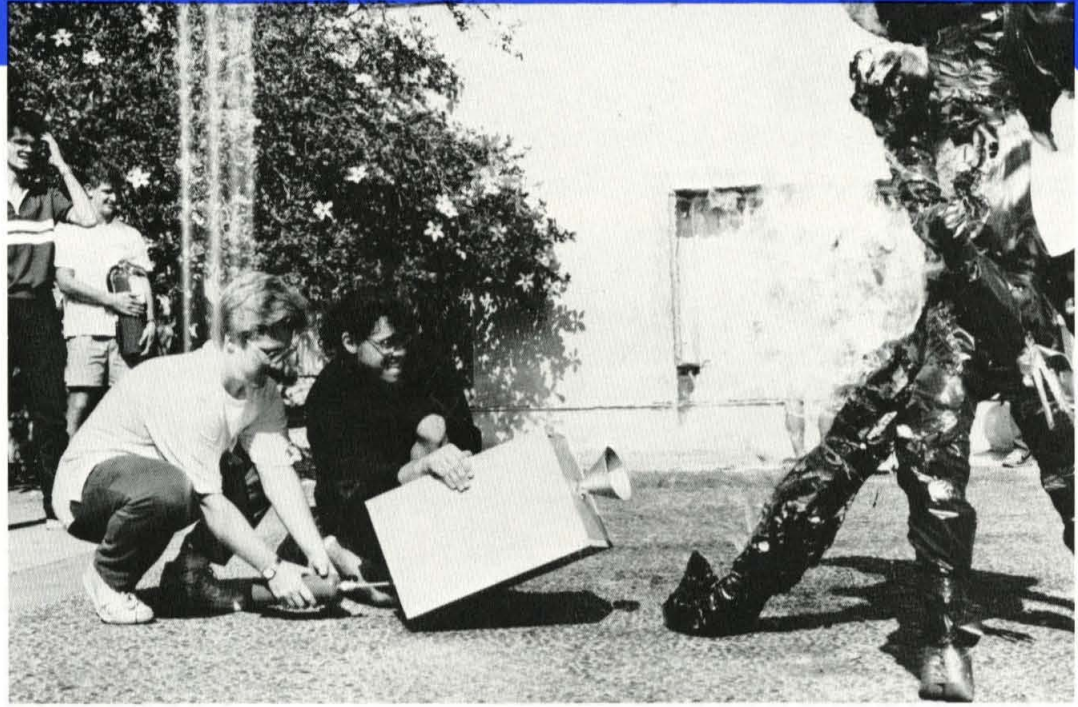
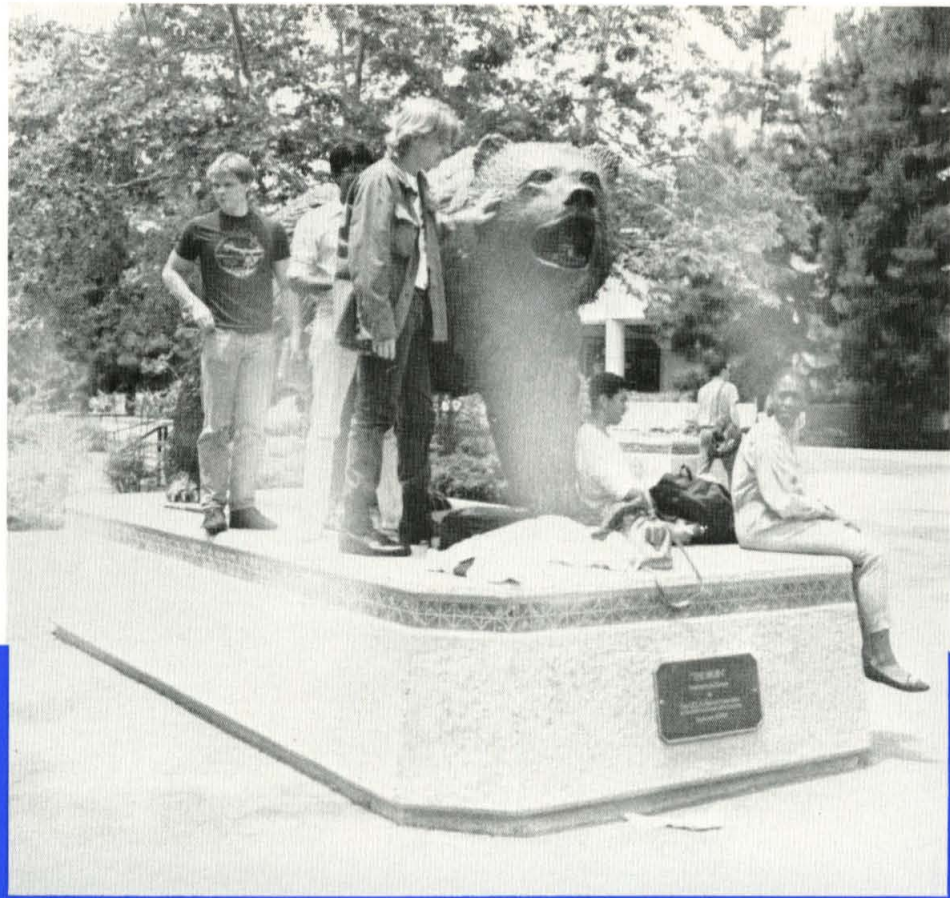
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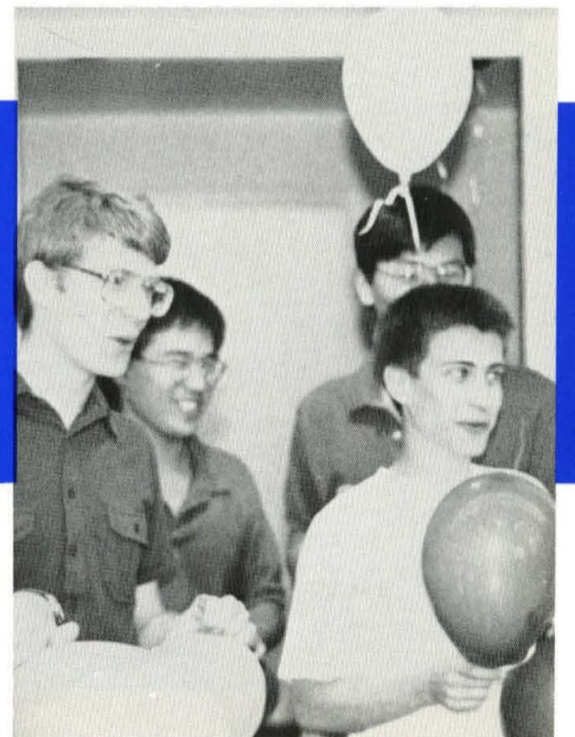
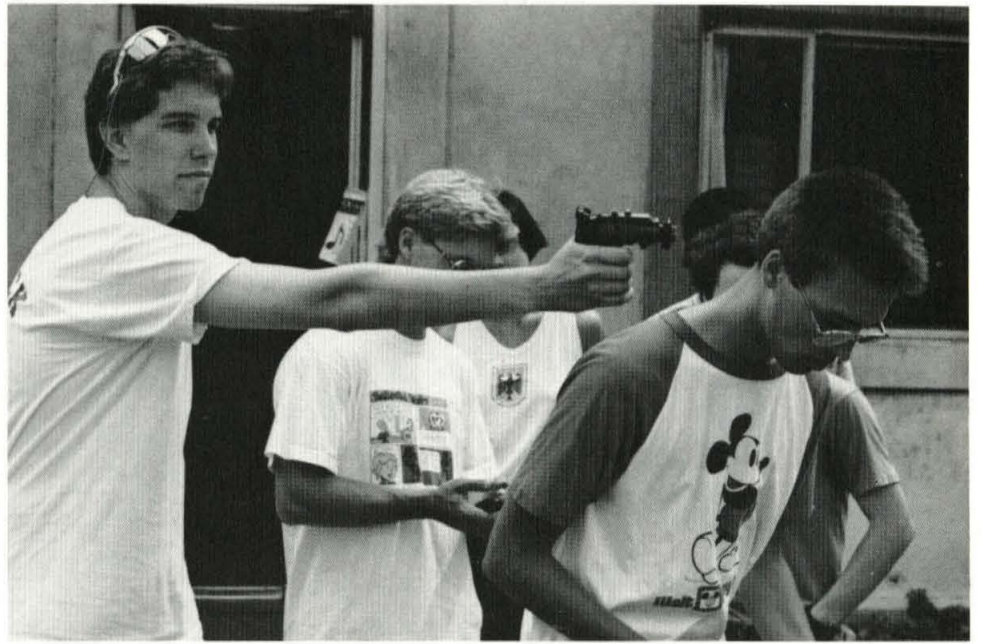
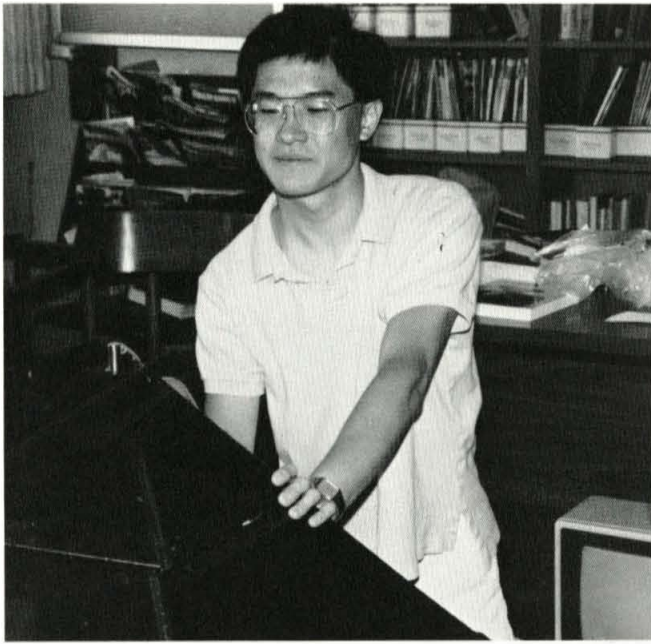


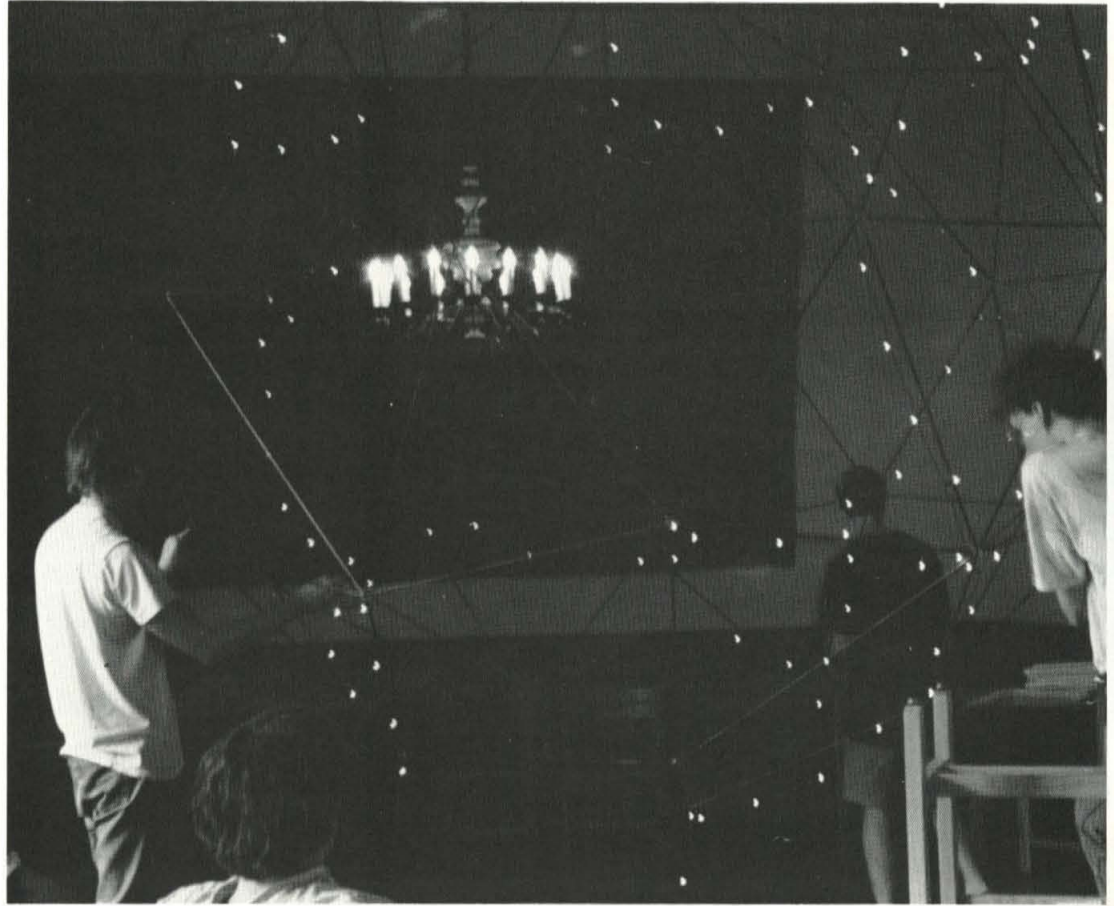
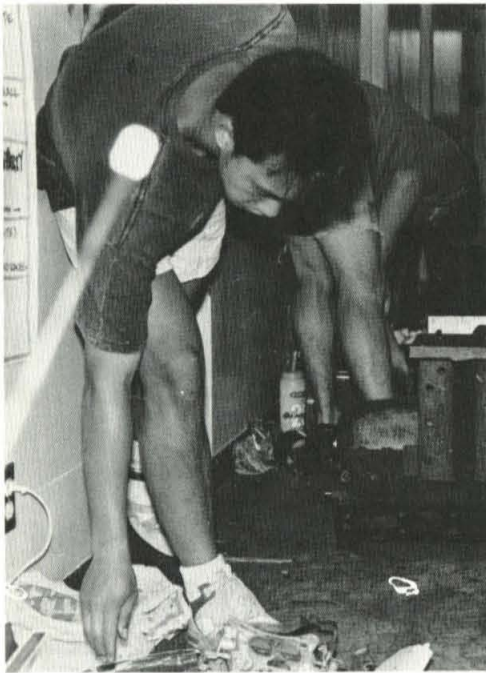
DITCH DAY

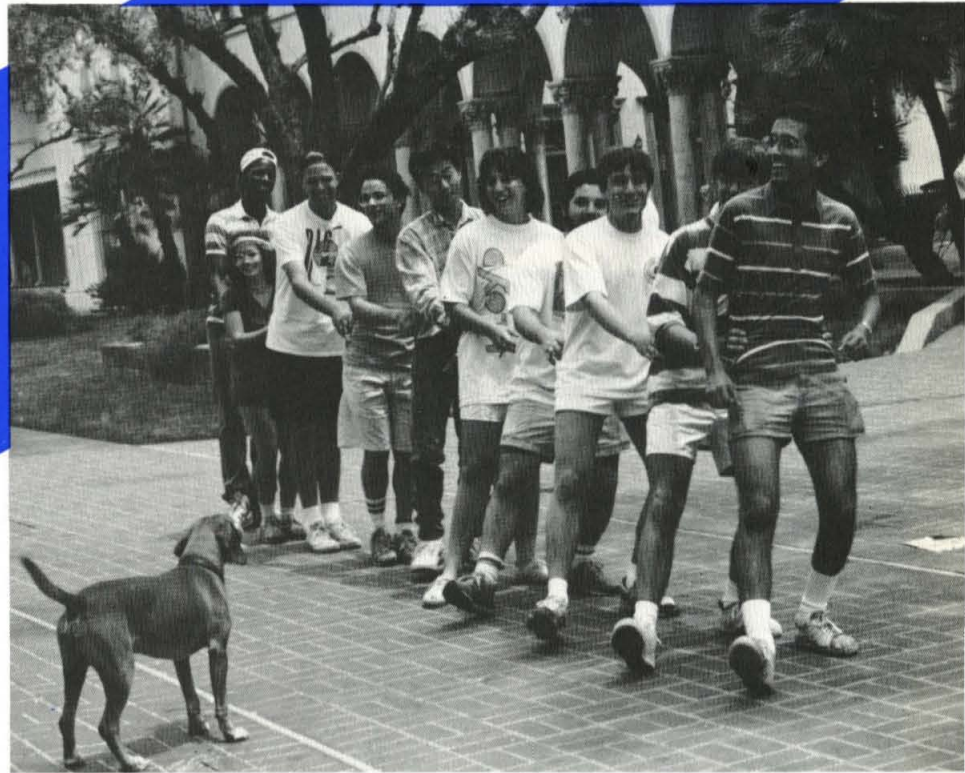
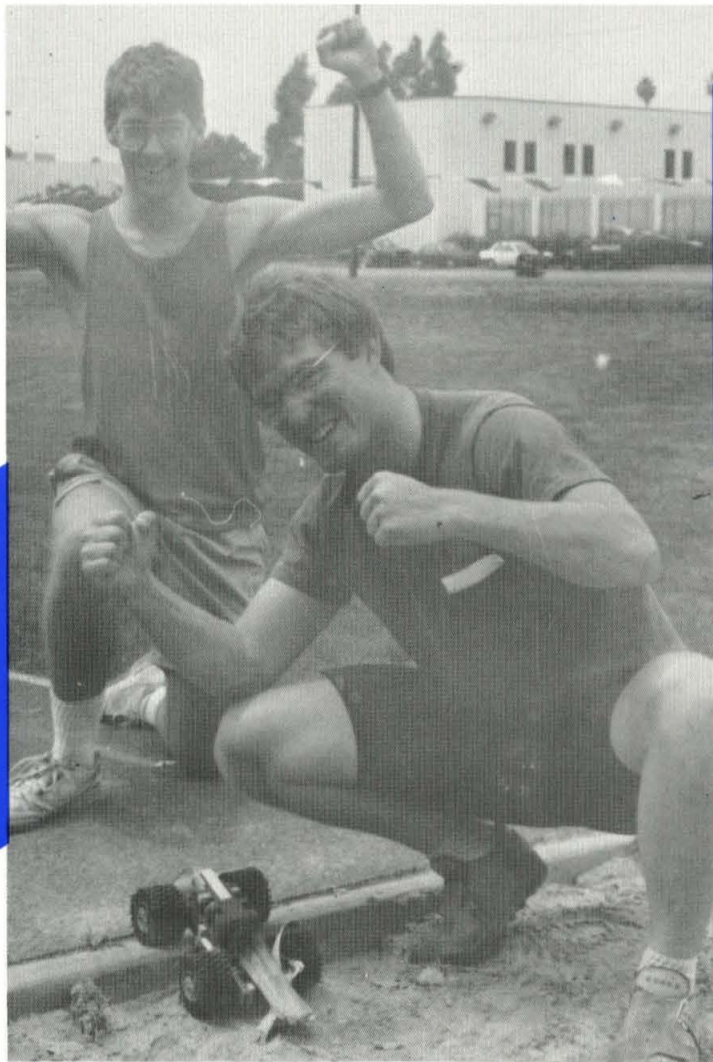
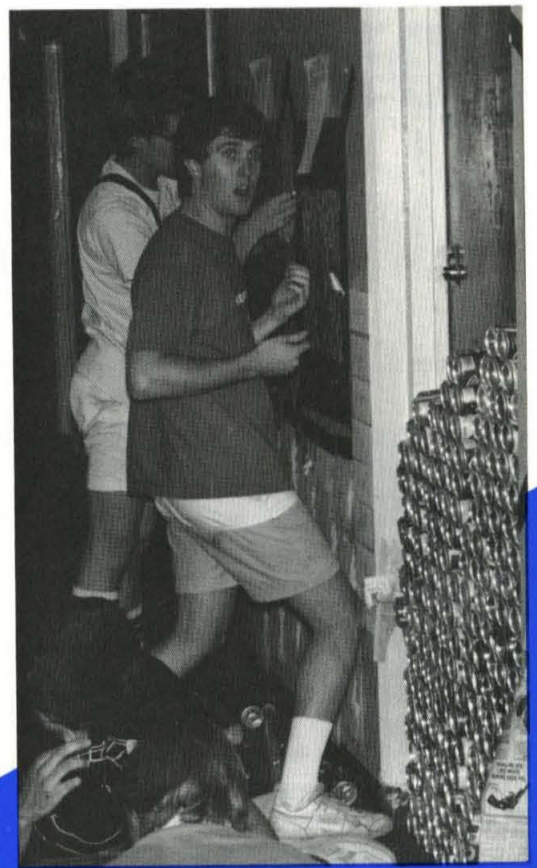
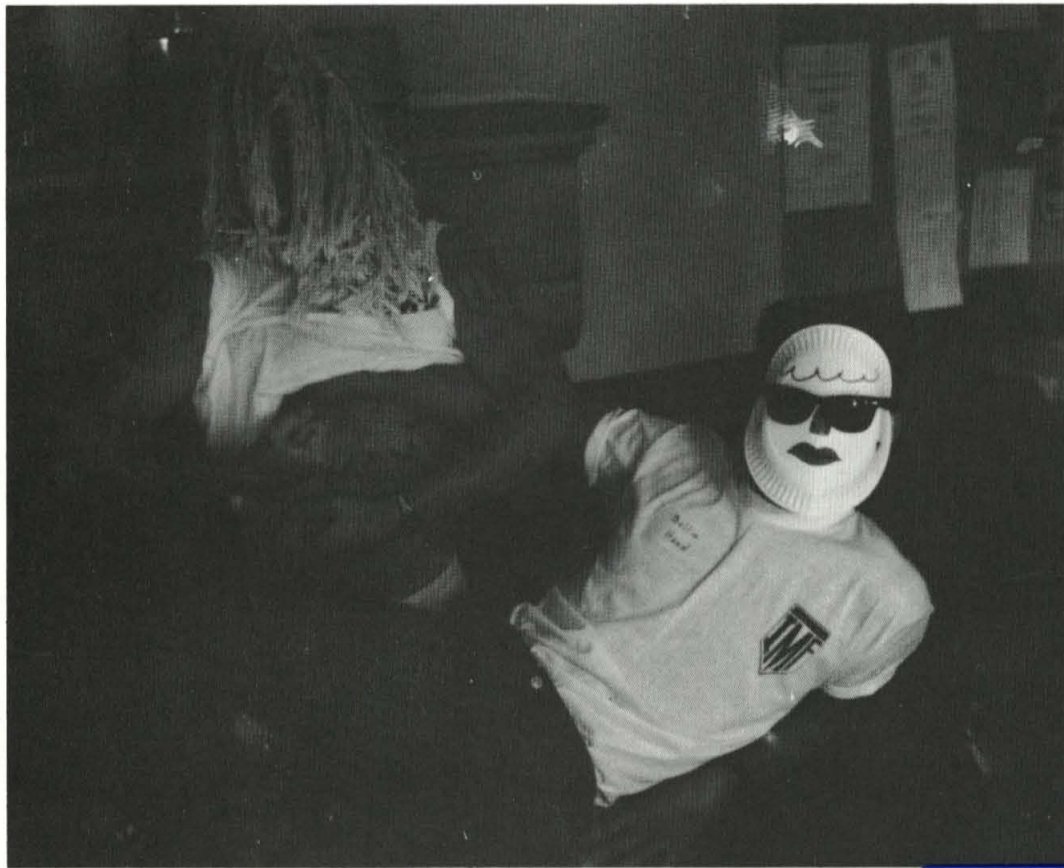




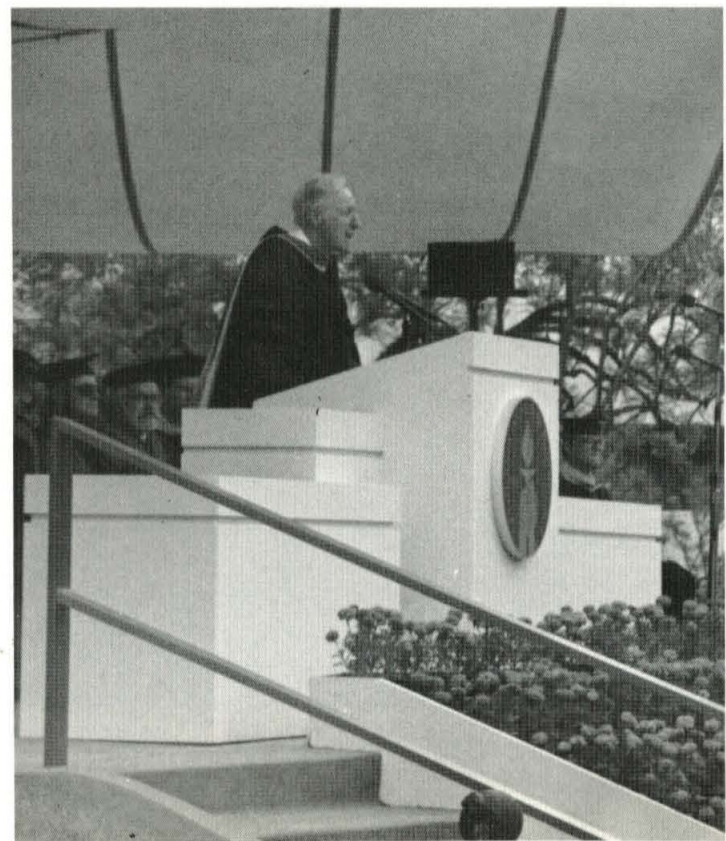
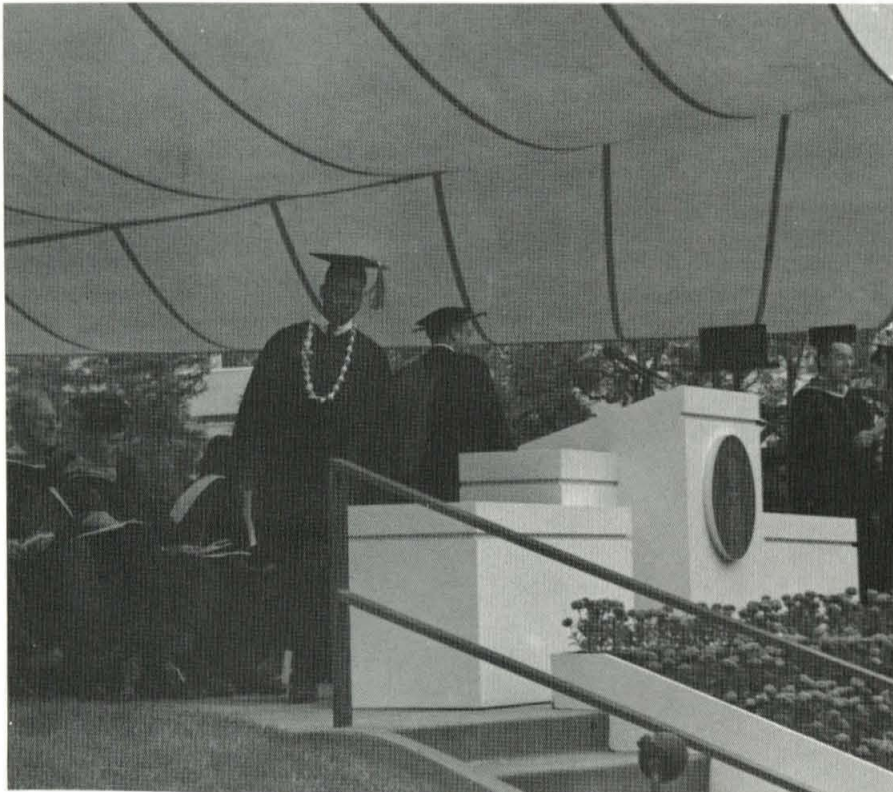


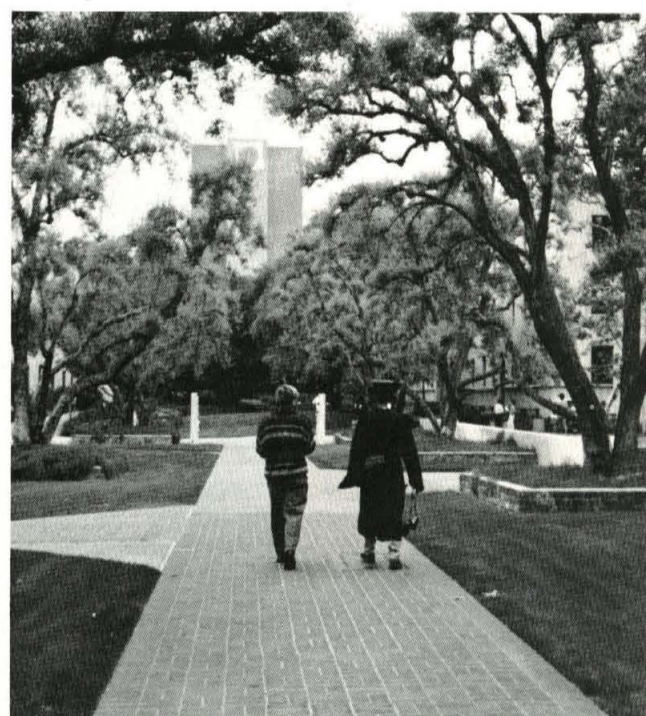
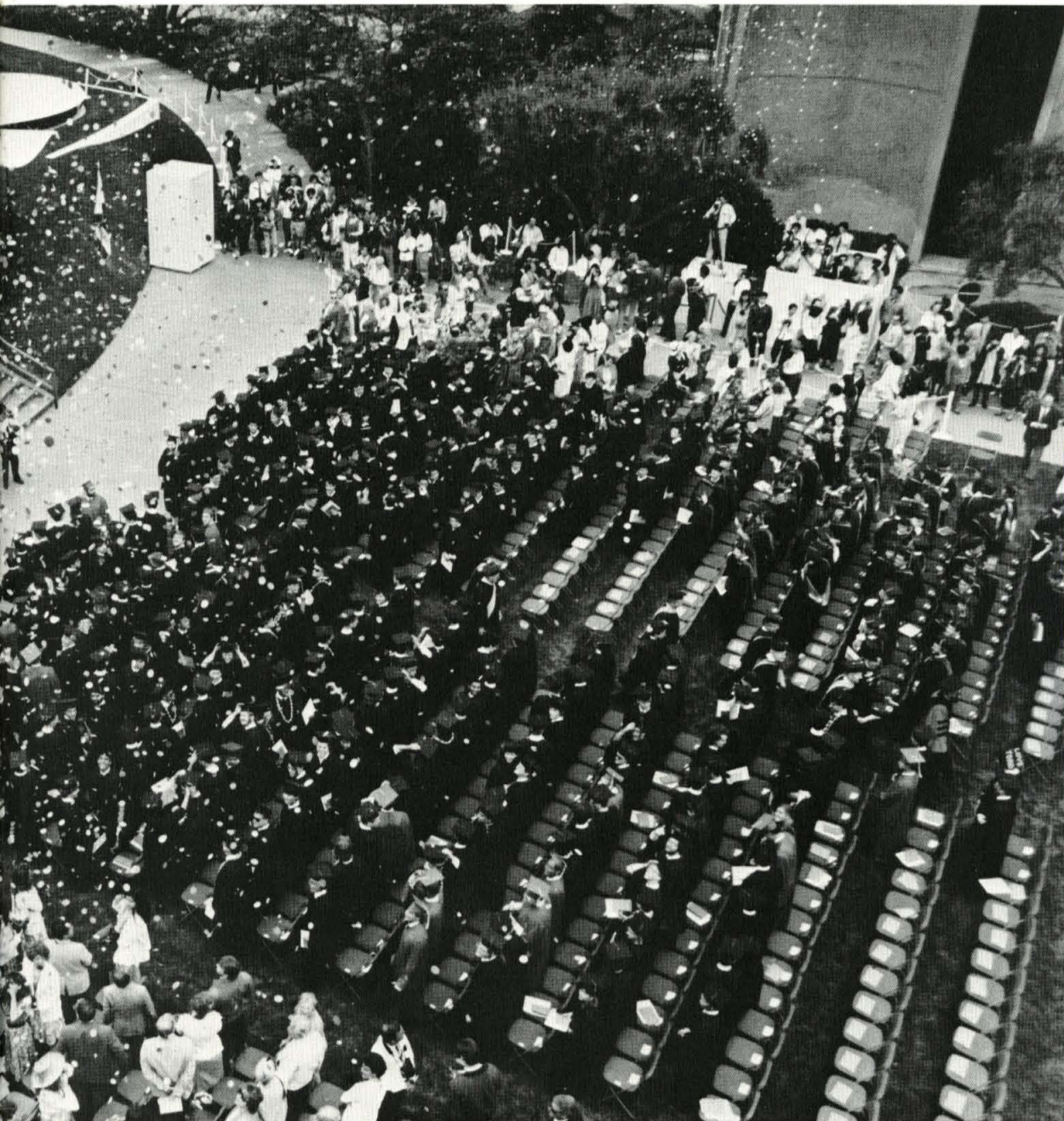


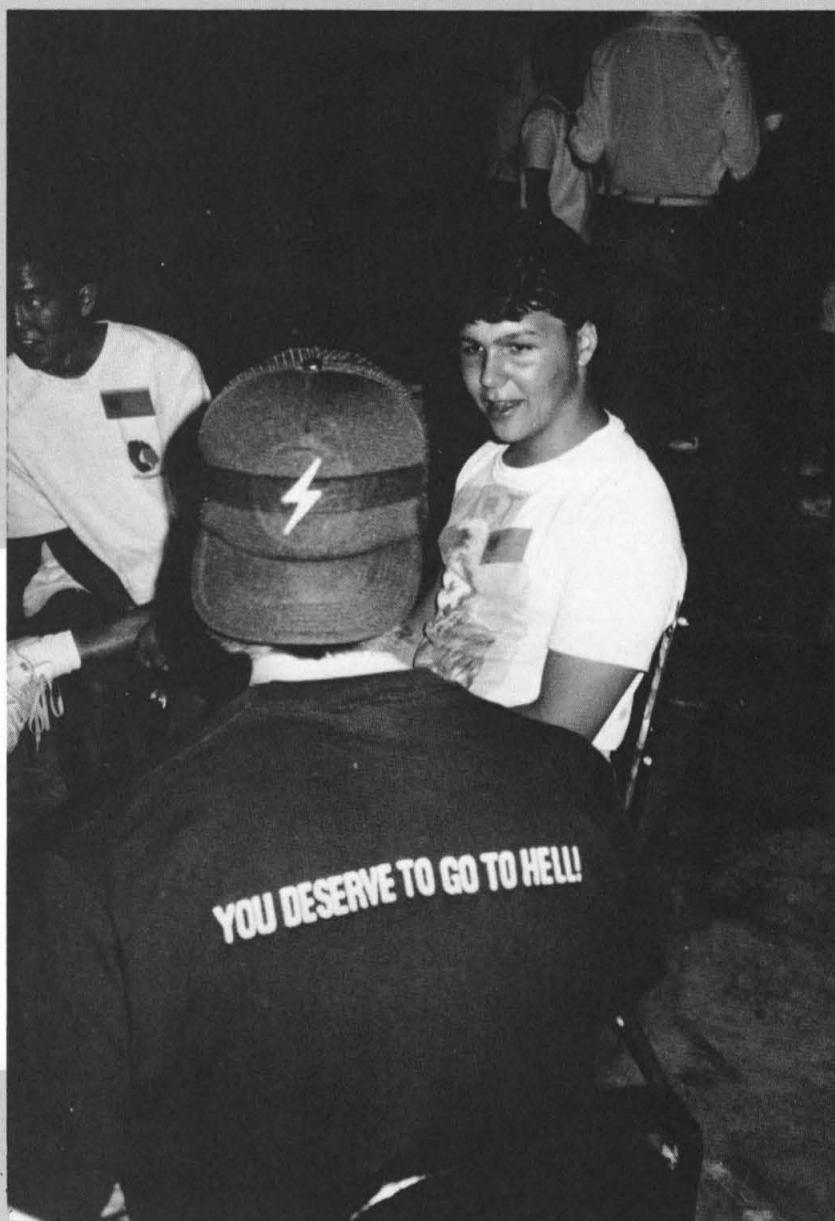




COMMENCEMENT



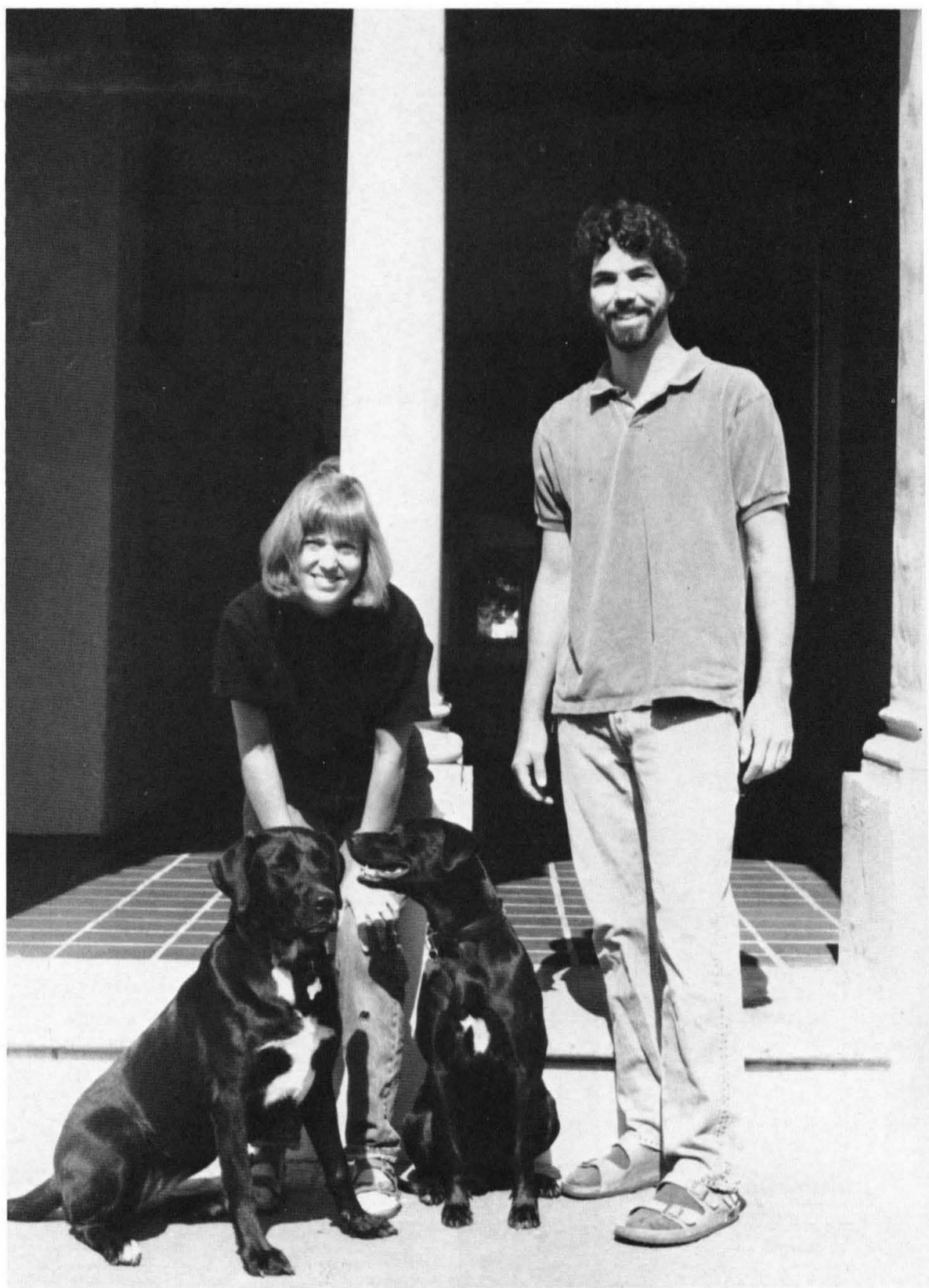






HOUSES

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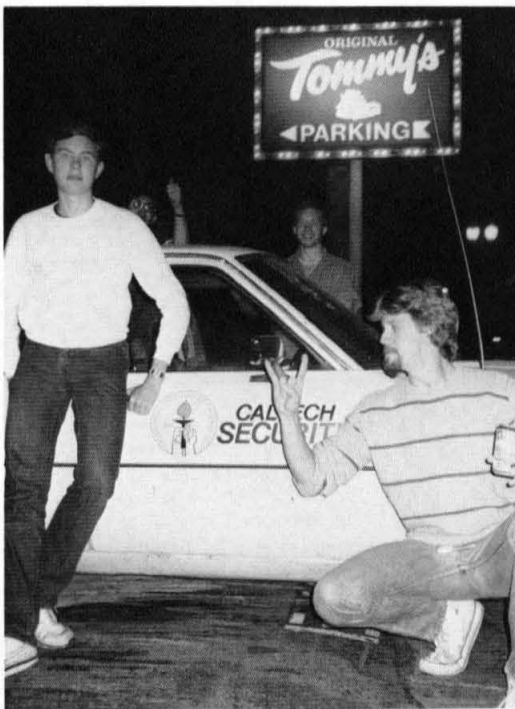
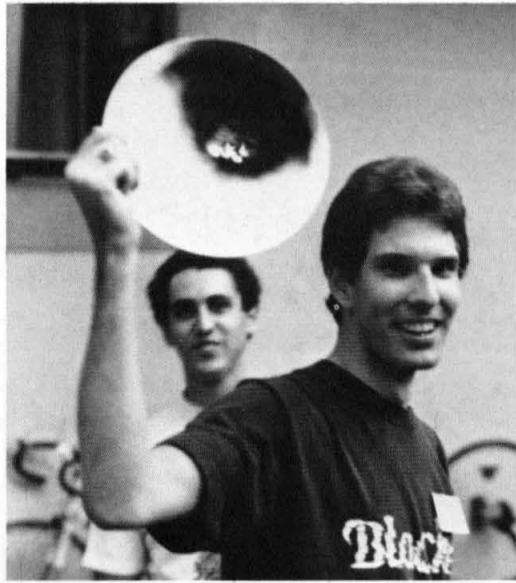
“You guys are a bunch of maniacs.”
— Doug Flamming



New Blacker RAs

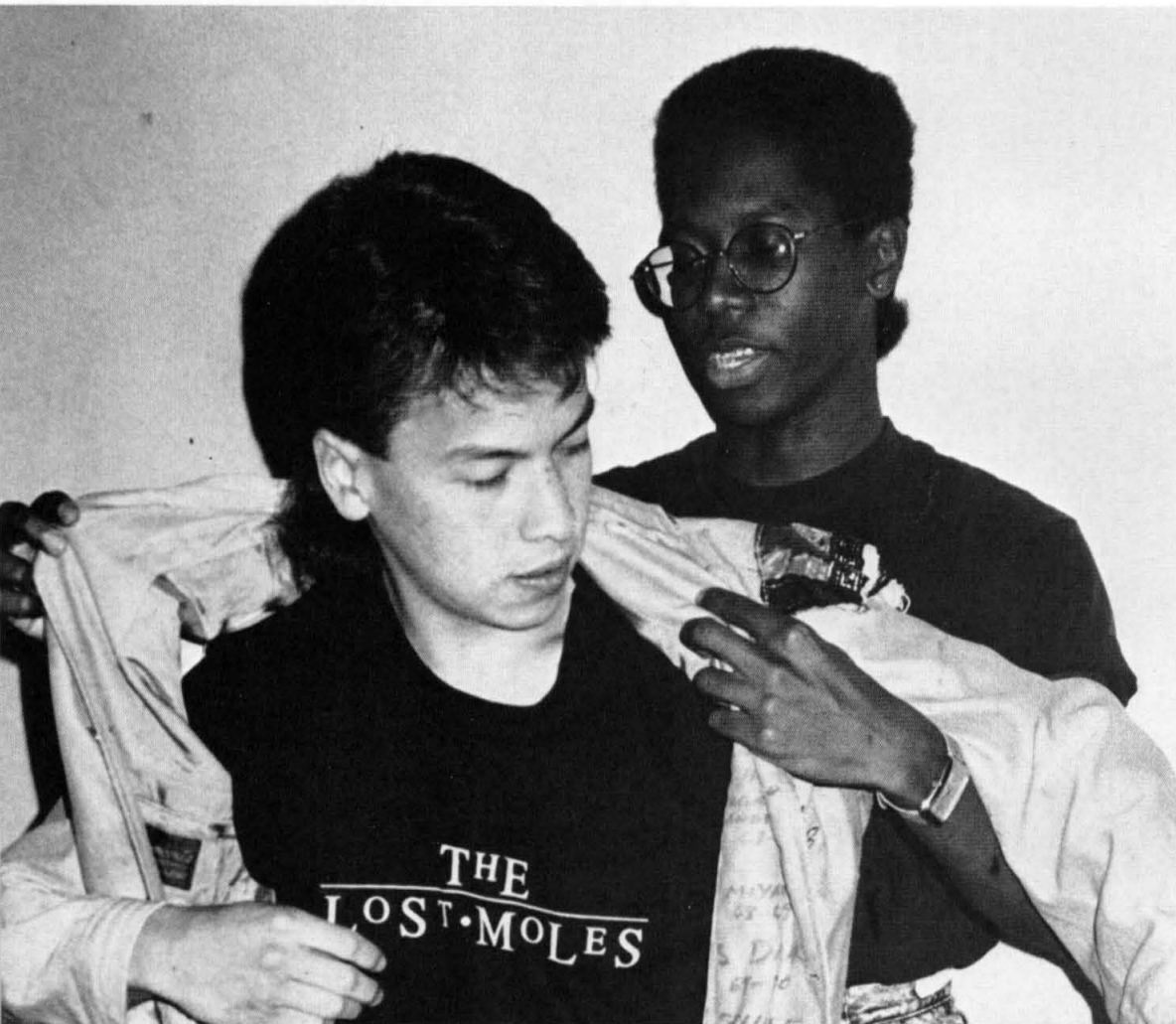
Under unusual pressure from the new MOSH, our former and well respected RAs John and Lynn Salmon agreed to remain only one more year. Weary of strained relations and vague suggestions from Dr. Wilde regarding "RA Burnout", the Salmons left us as the end of first term, the start of their fifth year. We are all however, still invited to use their new pool.

Although it has been years since our last RA selection, we have done well in choosing our new RA's Doug Flamming and Judith Crothers. They come with a healthy respect and concern for students, great new ideas for Thursday night RA food, and two beautiful black labradors, Didi and Cali.



Above: Frosh never seem to learn
Middle: New plates, new strategies
Left: Blacker Security guards Tommys

They're



Dave Kim became president after a close race in which Graham MacNamara placed a not so distant third. The office of secretary toughened Andrea somewhat, but she is still a softie inside. Pete Dussin, a transfer from Oxy, and our new Veep, is still learning his 'traditional' duties, which seem to multiply every-time he misses an excomm meeting. The house money is safe with Niel Brandt.



"You're squishing my boobs" — Katy Quinn

With this hat you can be just as silly as I am.
— Glenn Eychaner (permafrosh)



all yours, Dave

— C.J. Kiser



In June of 1990, Bibi Jentoft-Nilsen was killed in a tragic motorcycle accident. Though the memory of her loss is poignant, the life she share with us will remain in our hearts as a reminder of our potential to live our lives with her strength and ambition. Thank you, Bibi, for having lived.



Above: Fru and his ego.
Left: Hoyt Hudson dealing
with Caltech frustrations

Frosh **Leaping high:** Kevin 'Goofy' Kan, Dan 'Off Campus UCC' Ruzek, Alan '95' Kulawick, Rich 'Punydit' Benzinger, Pete 'It won't work' McCann, Dave '\$' Skeie, Diana 'Di' McMahon, Dan 'Himself' Frumin. **Dark Semicircle:** Glenn 'H.F. Mudd' Eychaner, Rob 'Permafrosh' Padula, JenAlex Romessorenger, Andrew 'Staplemeister' Lundsten, Ben 'Rambo' Smith. **Middle:** Joe 'Slick' Andrieu, Mike 'Spanky' Guadarrama, Jennifer 'Elusive' Wright, Karen 'Butterfly' Ross, Balasubramanian 'Guru' Girish, Brian 'gEEK' Kurkoski. **First Blood:** Todd 'Slopes' Walker, Katy 'Whip it' Quinn, Susan 'Woozy' Sheu, Clo 'Mom' Butcher, Anna 'Snowflake' George, Jesus '⚡' Mancilla, Bill 'Just Bill' Greene. **Upside Down:** Walker 'O' bitterness' Aumann, Danny 'Homeboy' Chu, Mike 'Sensitive' Nygard. **Moved:** Rich Zitola. **Bring out the Marshmallows:** Shawn Hillis.

Seniors **Standing:** Margi Pollack, Ed Nanale, Paul Amadeo, Glenn Eychaner, Chris Hurwitz, Eric Hassenzahl, Matt Kidd, Randy Baron, Arthur Ang, Cliff Kiser. **Kneeling:** Marty O'Brien, Steve Bard, Marc Turner, Ken Andrews, Mark Montague, Viola Ng, Christina Garden. **Missing:** Min-ei Chou, Mark Huie, Fred Mallon, Phillip Nabours, Randy Pollack.



Sophomores **Left to Right:** Stephanie Buck, Mike Maxwell, Craig Volden, Antony Chan, Niel Brandt, Chris Cusanza, Kevin Archie, Jerry Carter, Nye Liu, Bonnie Wallace, Lieven Leroy, Hoyt Hudson, Deepi Brar, Andre Mejia, Noam Bernstein, Walker Aumann, Ian Agol. **Out of Picture:** Deron Walters. **Missing:** Barbara Chang, Anne Jaeckel, Jennie Johnson, Graham MacNamara, Betty Pun. **On Leave:** Ben Discoe, Wurzel Kier.



Juniors

Along the Top: Eugene Lit, Pete Dussin, Rob Padula, Pam Katz Rosten, Marc Abel, Mike Ricci, Anna Yeakley, Celina Mikolajczak. **Middle:** Allan Wong (cab), Alice Lee, Samantha Seaward, Steve Hwan, Tom Fiola. **Bottom:** Mark Vaughan, Allen Price, Dave Kim, Ben Holland, Harry Catrakis, Miguel McDonald, Max Baumert. **Missing:** Sylvia Chin, Mark Dinan, Jay Higley, Jinha Kim, Tanya Kurosky, Ed Vail. **On Leave:** Pete Wenzel.


New Freshmen

This year has seen the entrance of an energetic, individualistic, diverse, somewhat fragmentary, and generally impressive frosh class. Perhaps most telling is their three-time participation in the six-man lift the were indeed very happy.



They started off on the right foot, placing Cliff in Millkan Pond with little trouble and encouragement. Afterwards, the whole house headed out to Tommy's, starting a new tradition by leaving Milk and Cookies for the visiting members of Fleming House. In past years, they had been greeted by hundreds of Moles and Hellfire raining down from the heavens. Then again, for the increased number of women as well as for other reasons, Blacker had become a 'kinder, gentler' house.



Old Traditions



The freshmen were initiated in the time-honored method, beginning with the invitation to 'varied and interesting conversation' in the lounge. There were no new saints. Soon after, the Dark Servants were about, although the fighting cries and guerilla warfare of past years was strangely absent. Nearly all frosh met the master in short order. They heard and heeded the whisper: "Don't Fuck with The Hand, nor with the Shit-kickers of Antioch."



Creative Alley Challenges included leap-frogging and water polo, both held at 'Millikan Pond Recreation Area.' Pin the Tail on the Donkey with radio assisted Jell-o Snarfing for speed, and Assassins both in Baxter and in our own House, the latter being a full-blown, alley-to-alley, multi-week espionage extravaganza complete with trickery and more bombs than you could shake a stick at. (No wait, Don't shake tha . . . BOOM!

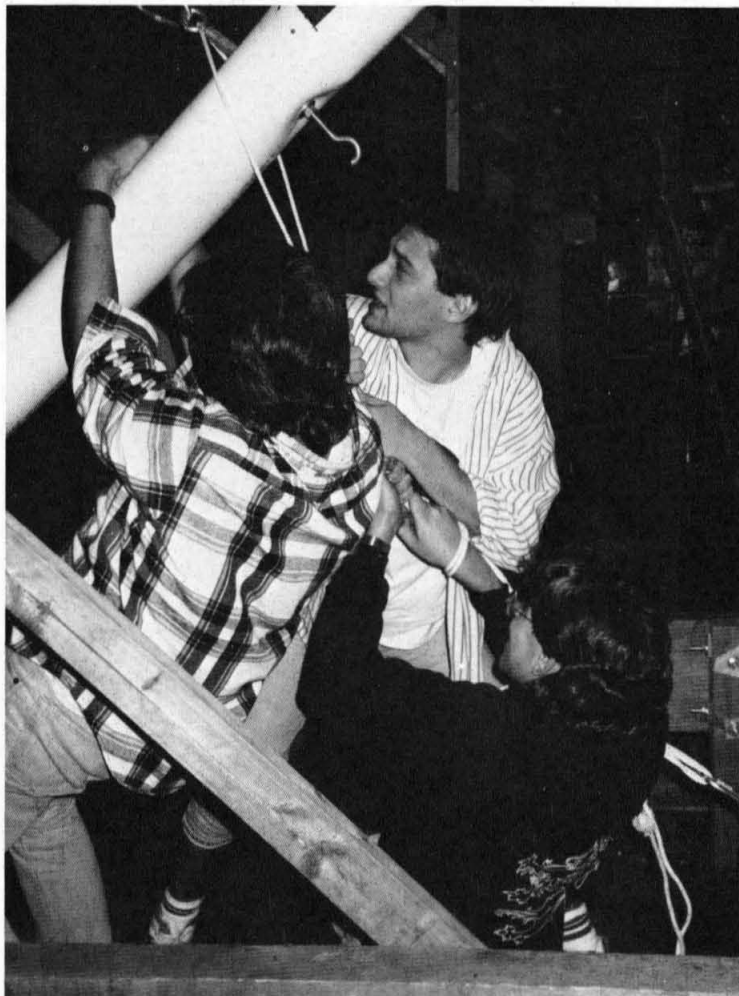


*He's a lumberjack and he's OK ---
--- Work all night and sleep all day*

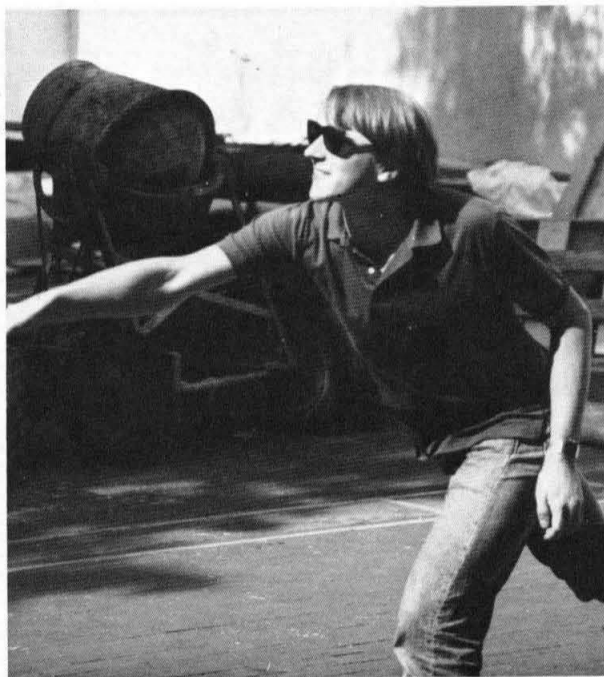
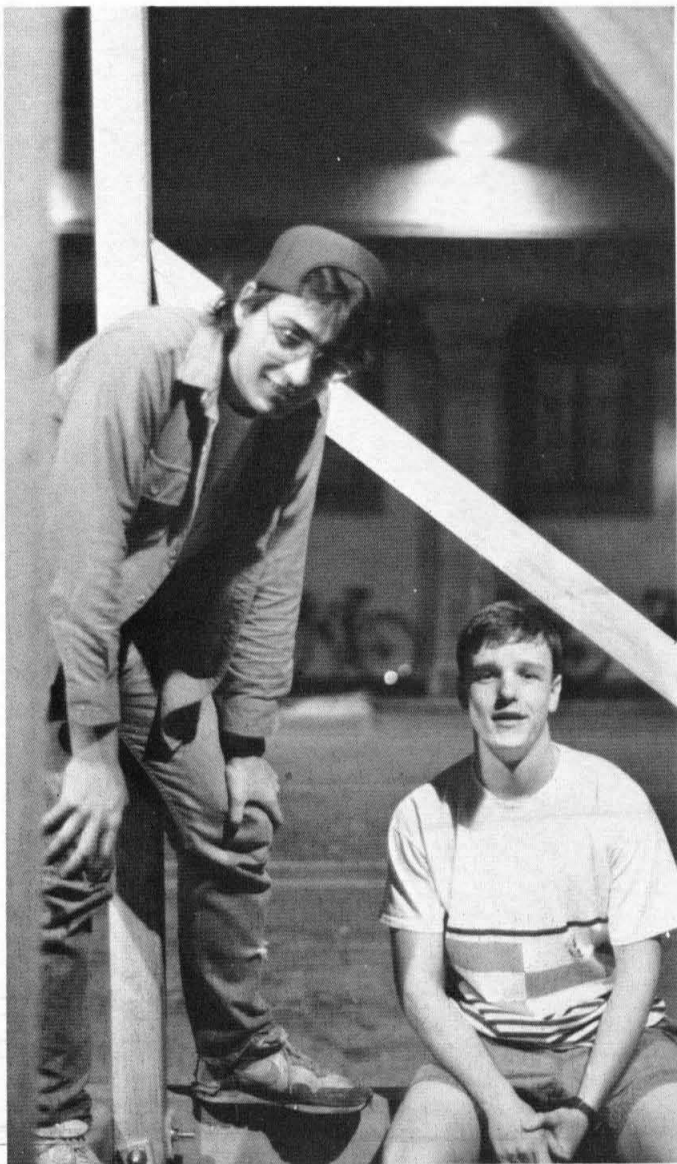
"Let's liberate some wood from a dumpster" was Bill Greene's rallying cry to the Hovse all year long, and it seems our freedom fighters were successful. We actually *built* Interhovse this year, complete with courtyard maze, catapult, torture chambers (Katy's idea), and an indestructible dragon. Thanks to Max, we also have an indestructible workbench in the Pub closet.



Bill, Pete Dussin, and Fru attack the library with a wet sponge



Bill Greene and Alan Kulawick, the Alaska frosh, hard at work

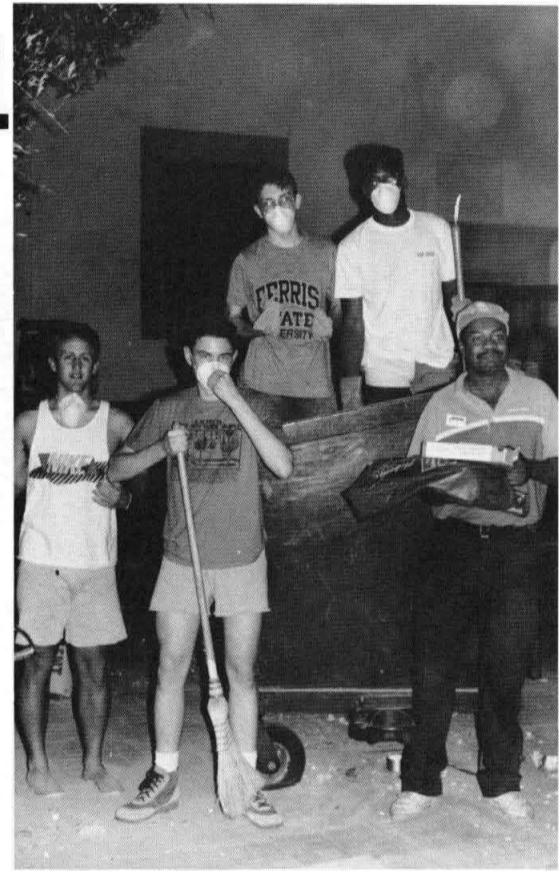
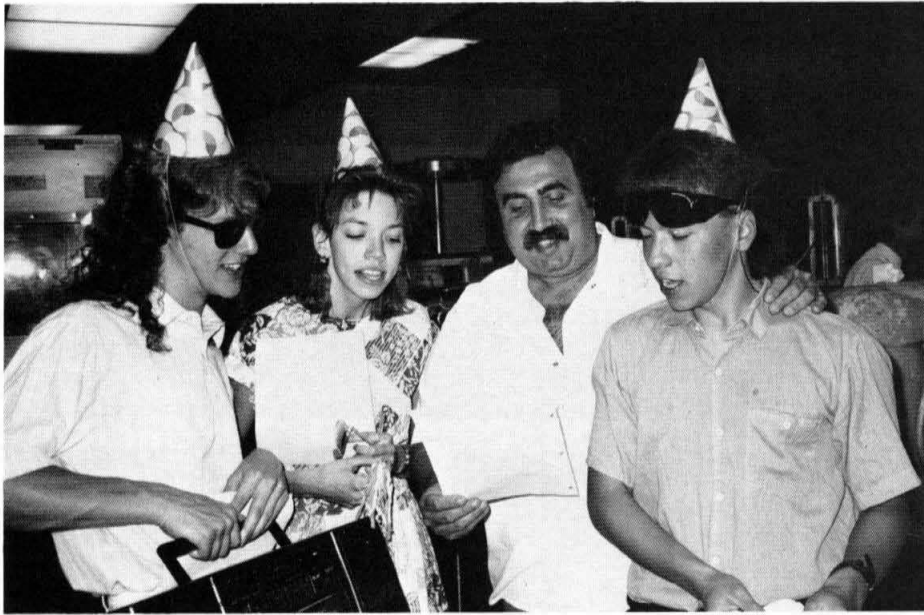


Dr. Baumert and Mister Dragon

A Clockwork Blacker

It's still Brad's fault, so long as Blacker Hovse runs the ASCIT movies. Following a year with very few 'Brads', and a record setting term, the new team of frosh were given a tough challenge. As a result, they introduced a concessions stand and dressed to match appropriate movie characters.

Dealing with food



Negotiation: Listening carefully:

*Food beyond compare
Food beyond belief
Mix it in a mixer
And pretend it's beef
Kidney of a horse
Liver of a cat
Filling up the sausages
With this and that*

— Gary Hindoyan 5/21/90



Waiters: The secret servants of Gary? Probably not; dumping Fru was so profitable, they don't need Gary's money.

Left: A good defence and
Middle: an active offense

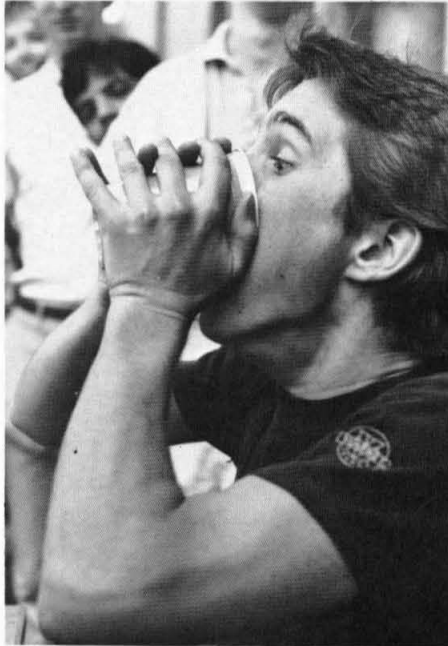




Opp: Cleaning up a BC meal, or just Cliff's stack (dryweight: 2 tons)?

Left: Last POSH with liquors?

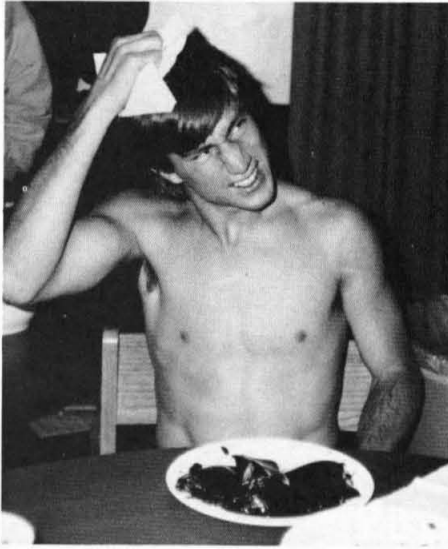
Below: Mike Maxwell: Blacker's last crew anchorman?



Endangered Traditions

A pennywise, poundfoolish Bennett (Bush's Drug Czar) threatens to drive Caltech drinking underground, where it could do the most harm. Blacker easily won the (last?) crew race, but the competition was poor. We had invited the Geologists and the Biologists, but they failed to show. Seniors breezed through 200 and 100 days, but fell two short at fifty days, for lack of total participation.

Alternative Food: Kevin Archie and Eric Hassenzahl compete in the Hell Month jello eating alley challenge



Celina Mikolajczak:
f/128, 1/250, 2000mm,
Illuminated by SN1989N.

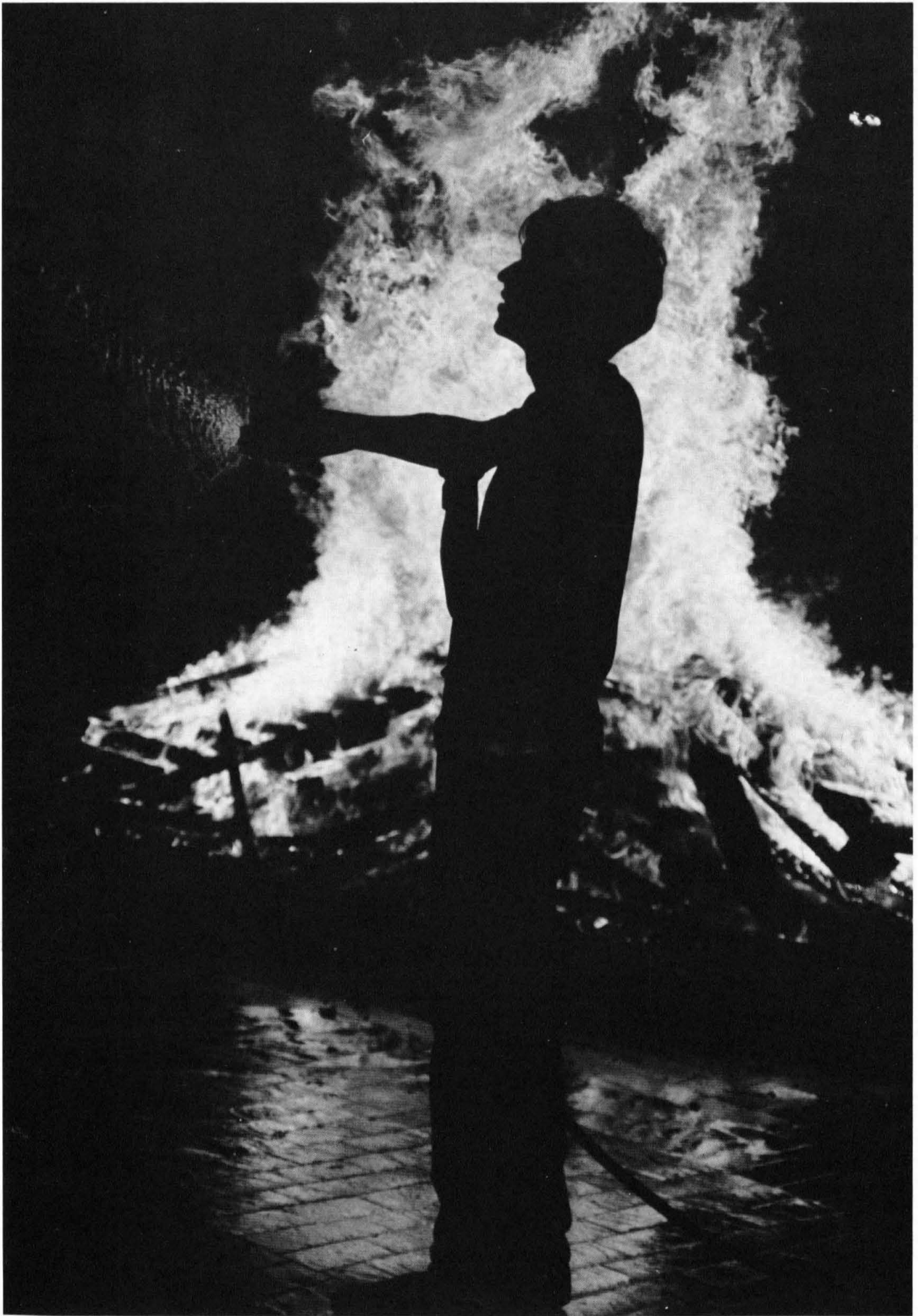


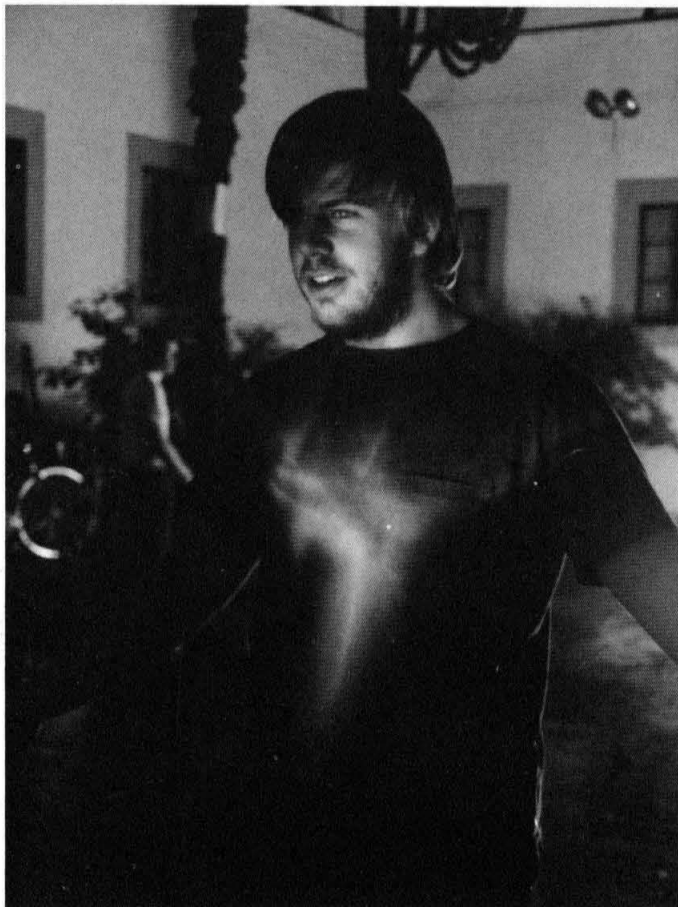
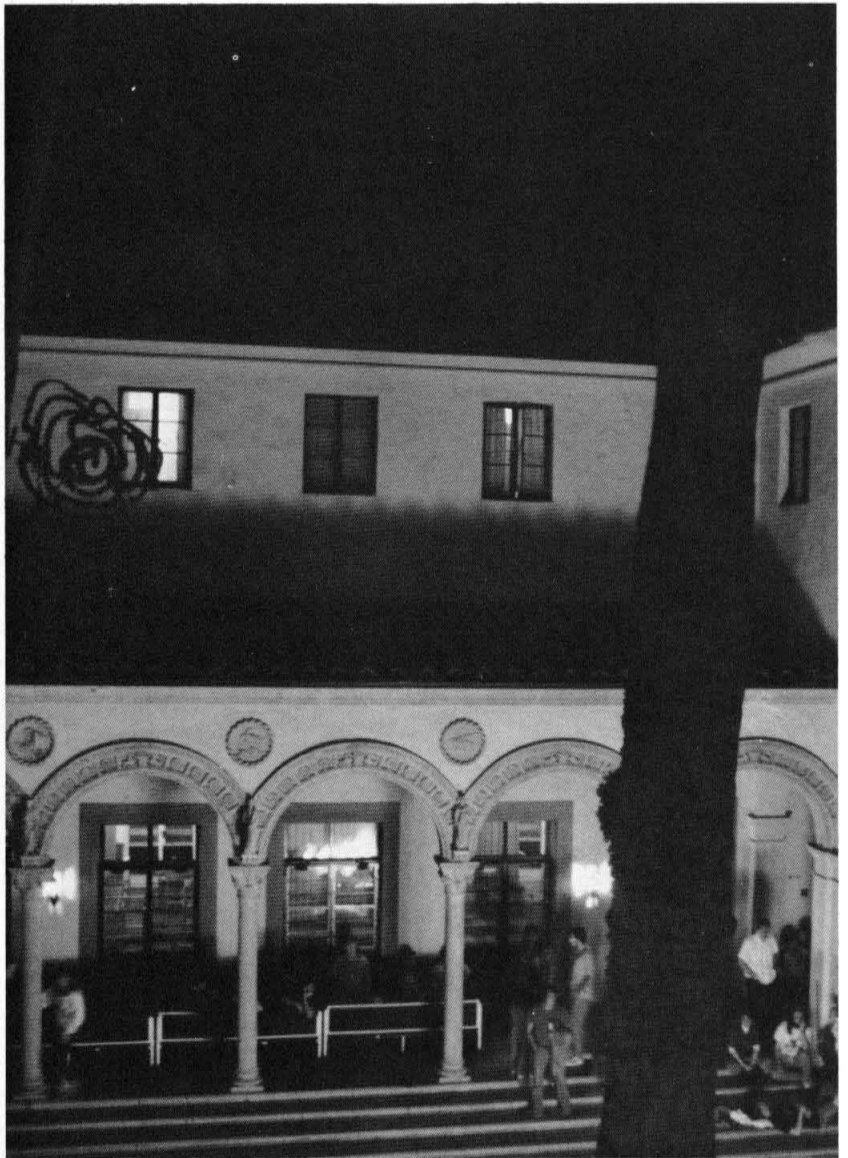
Matt Kidd: Self Portrait
Palomar Mtn by bike
Elevation 2600 feet
"Meters are not feet!"

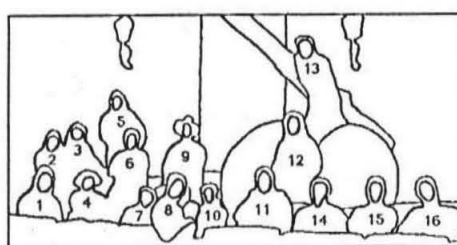
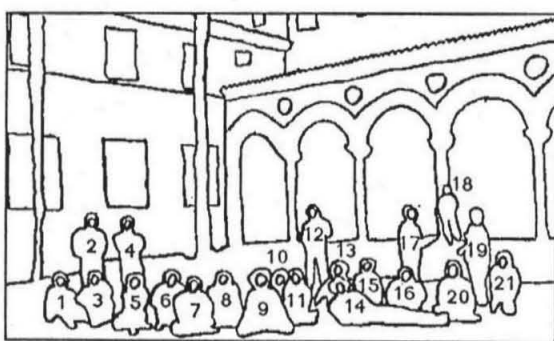
I love Caltech and hate it. How could it be otherwise? The same goes for Blacker Hovse, except that I like it more. Three years of working on the house section has left me with a lot of photographs, but you are more to me than a bunch of pictures.

In less than twelve hours, I leave Caltech permanently, first to go biking in Germany, then for graduate school. It's a funny feeling...

Meet Your Historians

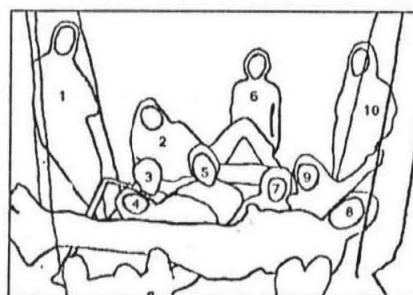






SOPHOMORES - 1. Trevor Placker 2. Rachel Schwartz 3. Diana Finley 4. Pam Abshire 5. Carlos Salinas 6. Robert Hanna 7. Jeremy Gollub 8. Chris Raymond 9. Bo Adler 10. AJ Lavin 11. Chris Tully 12. Richard Bang 13. Steve Anderson 14. Jon McGill 15. Dean Brettle 16. Todd Allendorf

FROSH - 1. Riki Moilanen 2. Jon Lange 3. Andre Yew 4. Roy Wada 5. Patty Tsai 6. Alf Mikula 7. Stephen Thompson 8. Betsy Marvit 9. Trux Fulton 10. Alan Low 11. Maggie Taylor 12. Seth Noble 13. Kirsten Babbitt 14. Duke Ulmer 15. Rich Benzinger 16. Stephen Heise 17. William Watson 18. Linda Macpa 19. Gabriela Mallen-Ornelas 20. Sven Peterson 21. Jill Soha

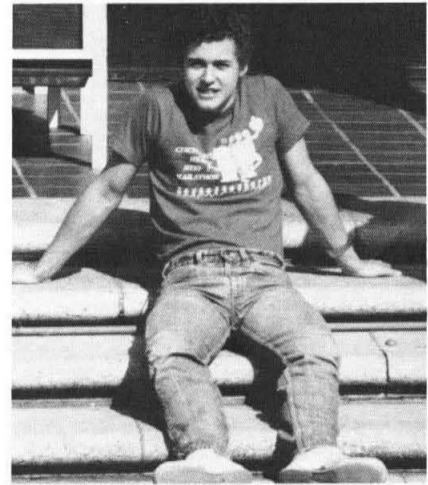


SENIORS - 1. Lyle Scheer 2. Charles Fu 3. Jon Hamkins 4. Ami Choksi 5. David Edwards 6. Allen Ivar Knutson 7. Elaine Lindelef 8. Harold Zatz 9. Charlotte Manly 10. David Morton

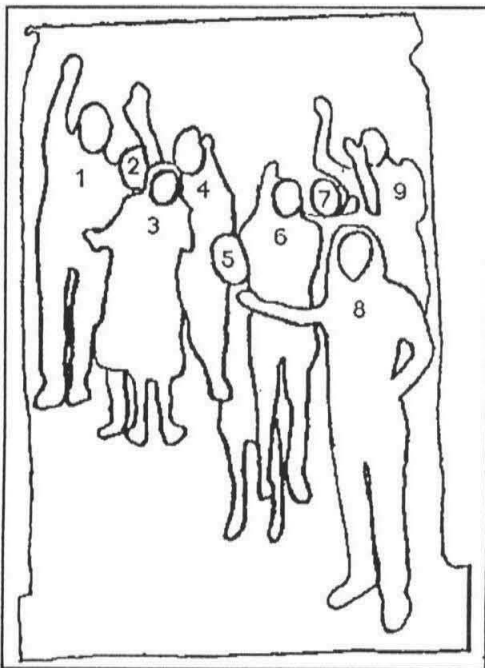




Allen and Reneau Kennedy, Resident Associates



Pete Wyckoff, Dabney House President 1990



JUNIORS - 1. Maneesh Sahani 2. Alex Wein 3. Tien-Yee Chiu 4. Peyjen Wu 5. Evangelos Metaxides 6. Eric Schell 7. Jackie Holmes 8. Erich Schneider 9. David Bourgeois



MORE DARBS (counter-clockwise from baby): Ray Huber, Pat Huber, John Uhley, David Bourgeois, Rachel Schwartz

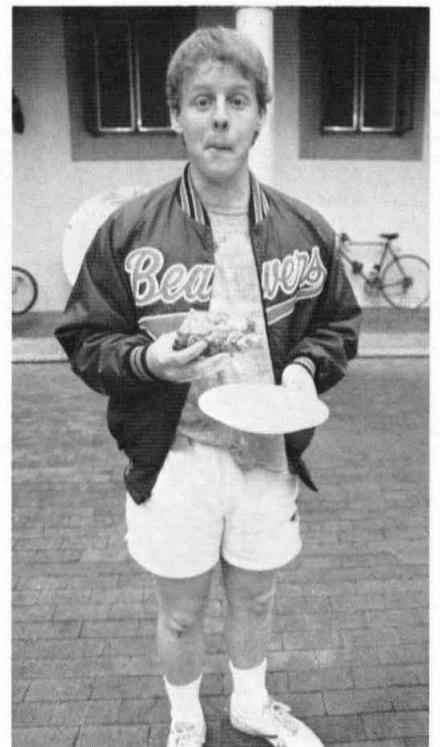
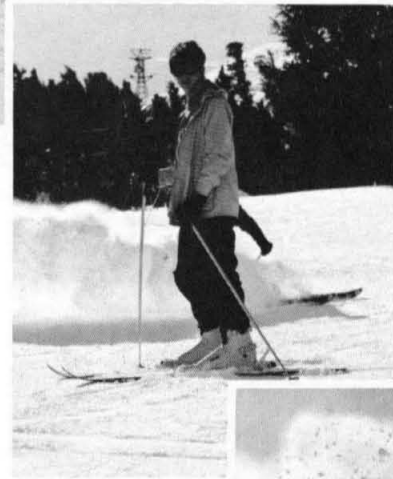


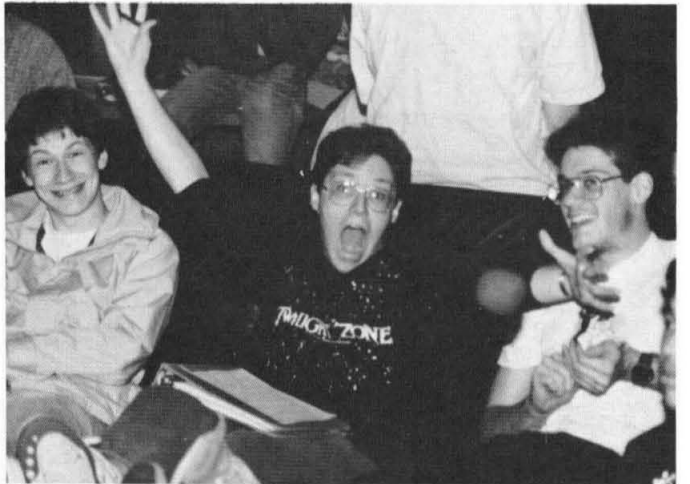
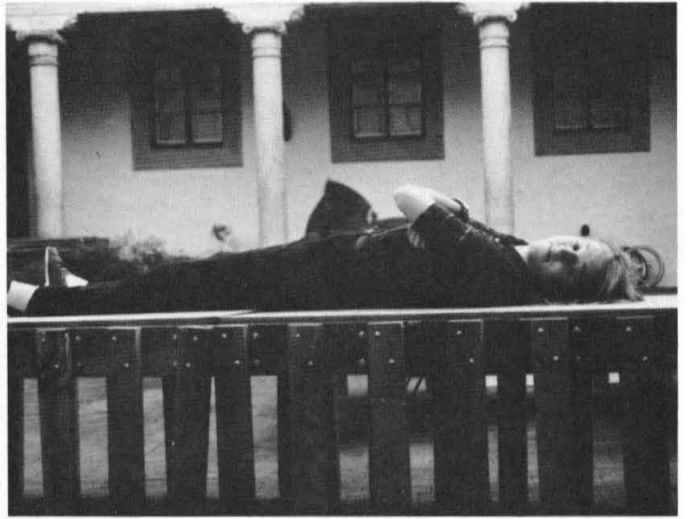
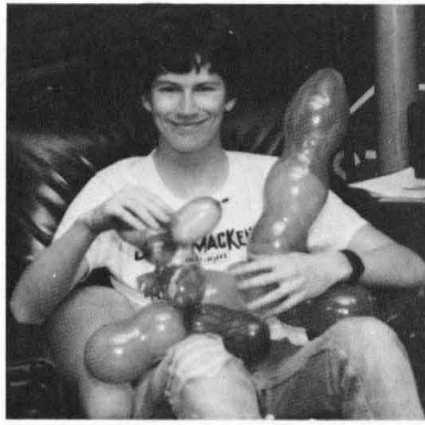
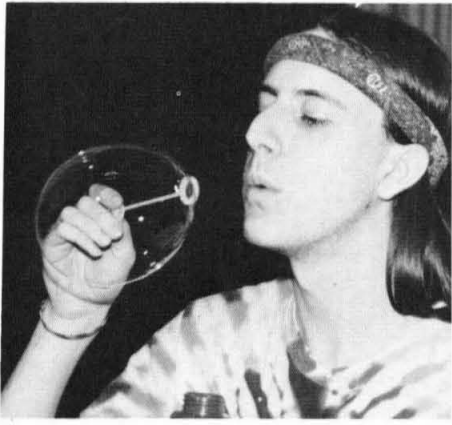
EVEN MORE DARBS (*left to right*): Herb Burrows, Chris Oei, Swagato Banerjee, Tracy Fu, Raghav Chari

(*left to right*): Mike Lazzaro, Amy Stern, Jennifer Low

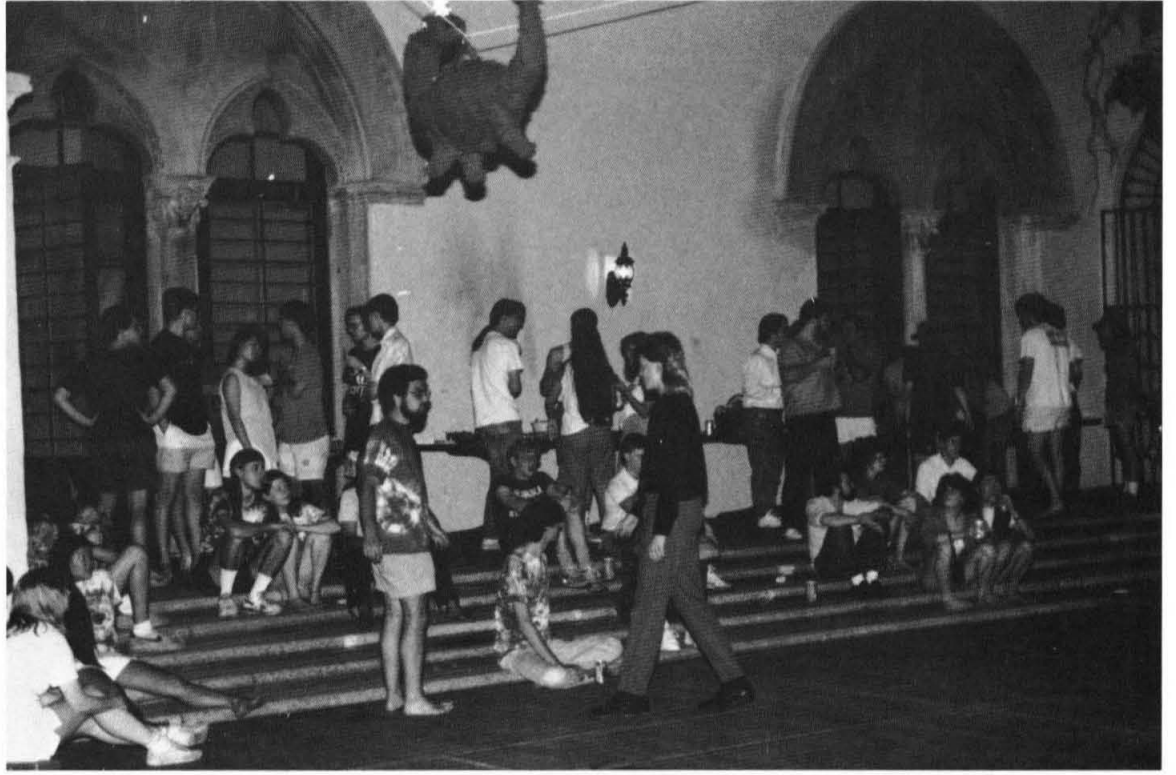
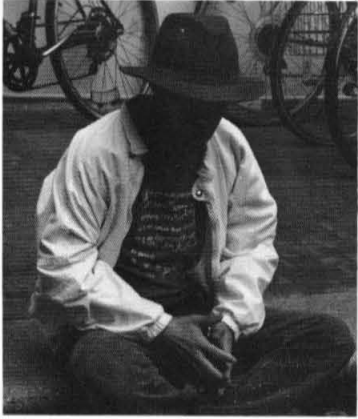
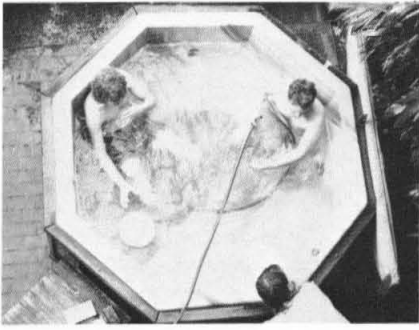


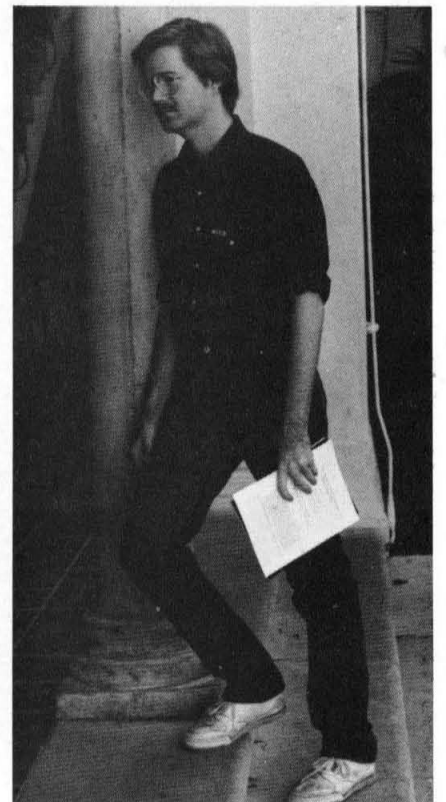
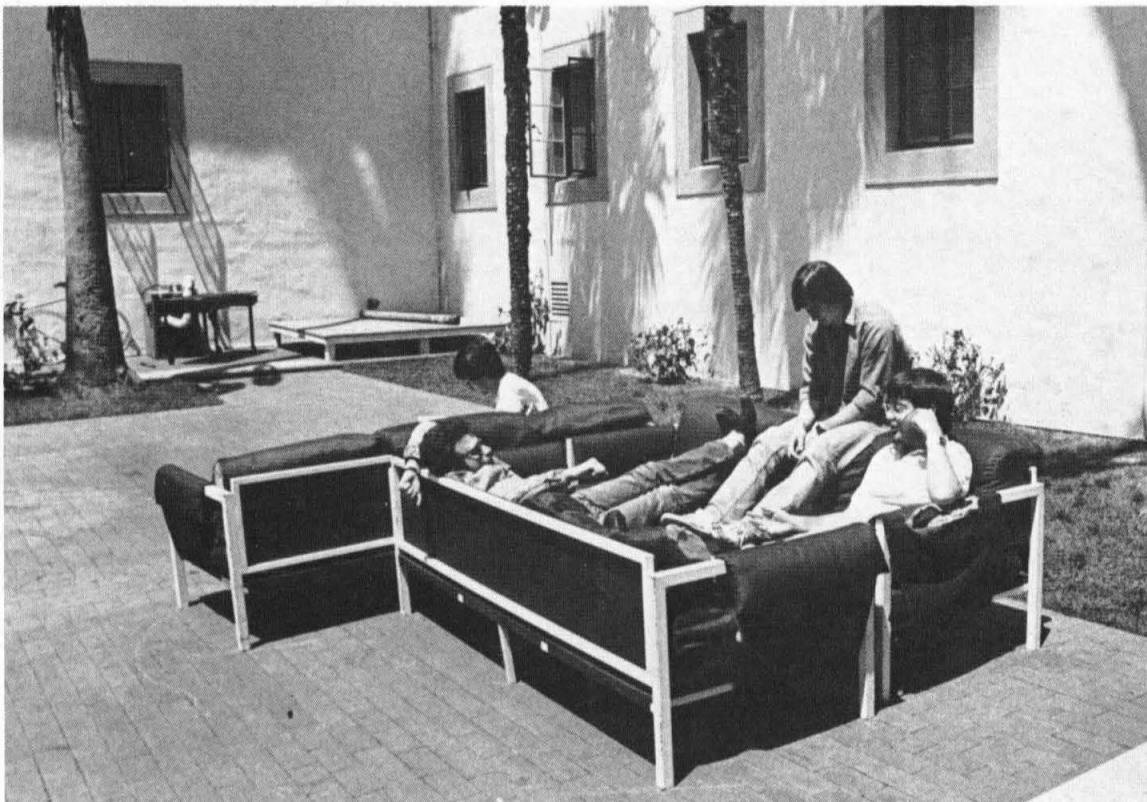
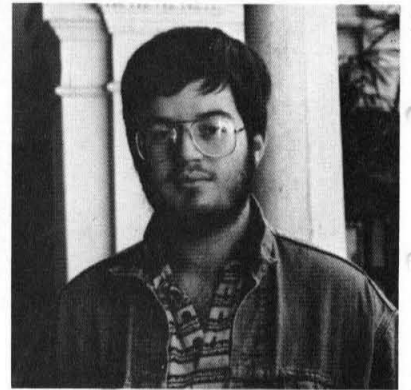
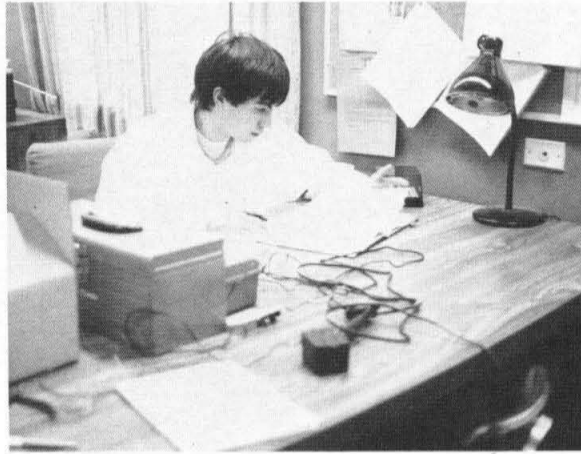
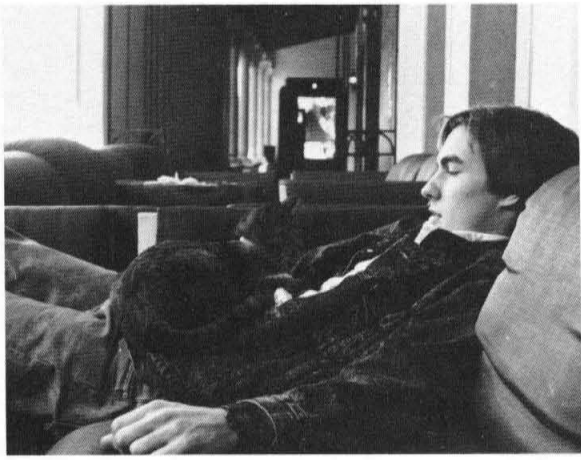
(*left to right*): Mark Nelson, Steve Byers, Gregg Harry, Robert Southworth, Brian Craft

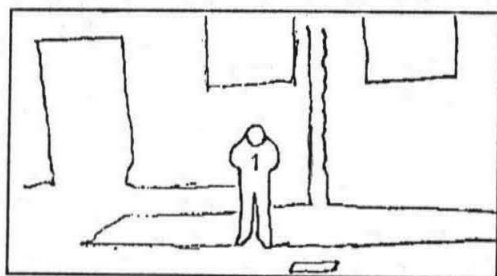






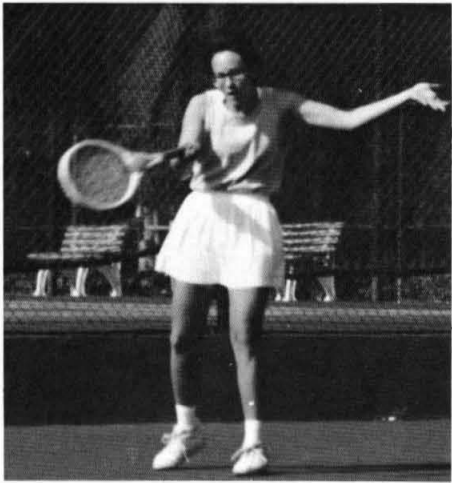
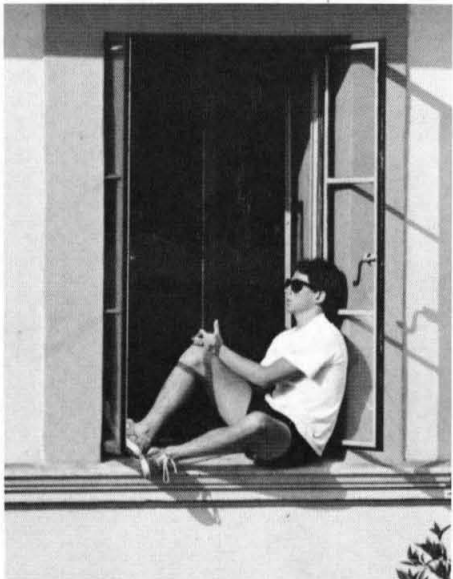




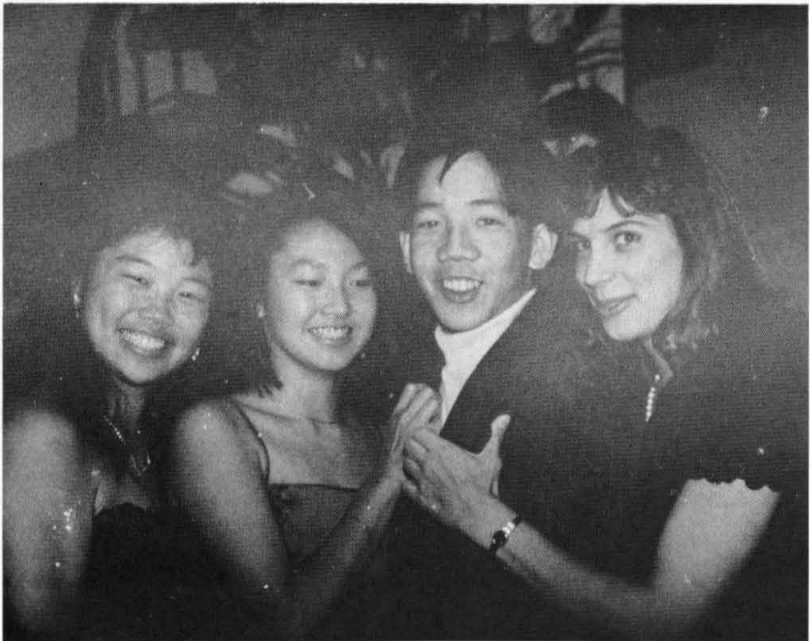


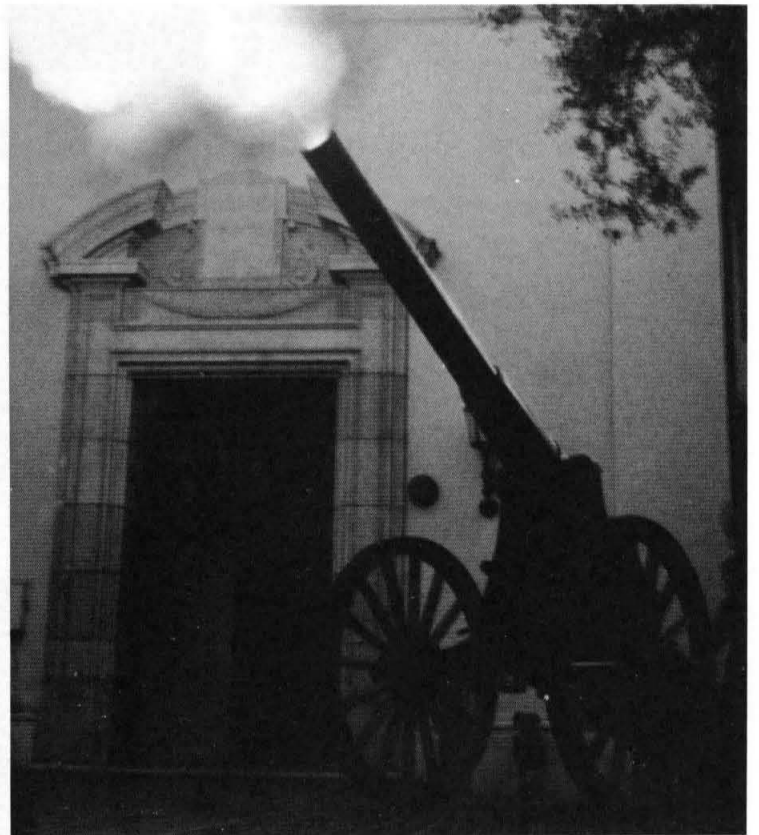
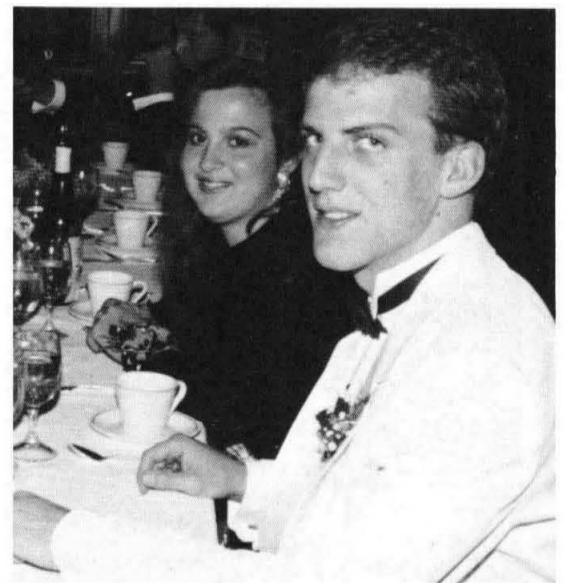
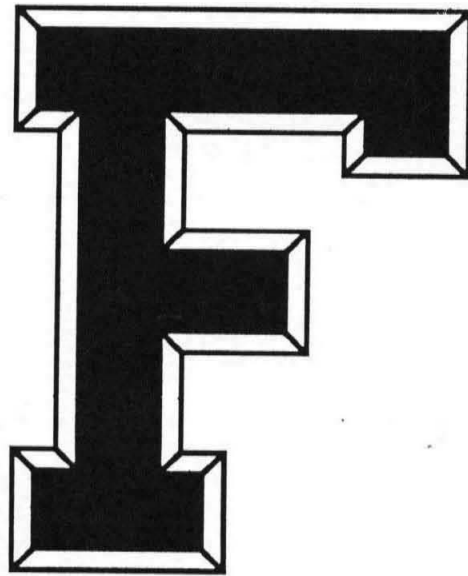
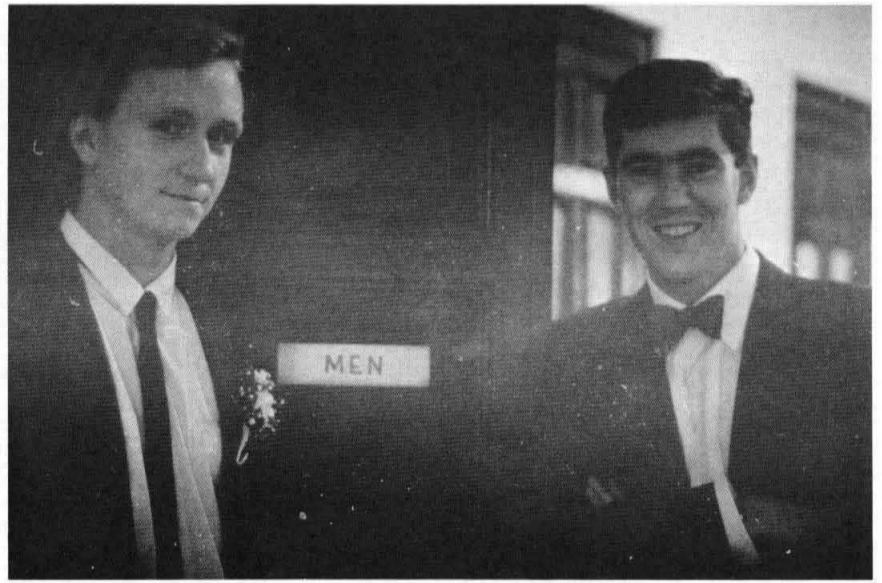
HISTORIANS - 1. J. Alan Low. (Also featuring photographs by Elaine Lindelef, John Uhley, and Richard Zitola)





FLEMING





FLEMING HOUSE

After Bill and Ted's excellent adventure at frosh camp, the members of Fleming went caroling through the lesser houses, trouncing the weak opposition posed by the invading page boys. The Fleming women, doubled in number from the previous year, effortlessly crushed the North House women.

The freshmen then found themselves in a surprisingly cultured atmosphere during Formal Meal. Poet laureate Steven Clinard honored us iwht a colorful recital, Mark Humphreys stressed the importance of safe sex, and Dave Geraghty encouraged tolerance of all people, regardless of their sexual preference. After these and other moving announcements, the frosh, eager to aid their fellow Flem, tried to catch a goldfish for their pledg-master Shun Tsai*, who never had a pet as a child. led by their work chairman Michael Smith, they eventually realized that it would be simpler to take Johnny to the goldfish, which had successfully evaded capture.

Fansome's Island Interhouse was quickly in the works, complete with food, gambling, drama, and a live band. The evening was punctuated with fantastic island monsoons, special effects with which few parties are blessed. Ted Rogers designed a waterfall into a lagoon, complete with a bridge crossing from the lounge into the courtyard. Kent Nordstrom and Brian Duchovnay organized this year's masterful playwrights and thespians, while Humphreys disguised the lounge with palm fronds and gambling tables, and Laura Hernandez prepared the tropical cuisine. In the courtyard, Dread

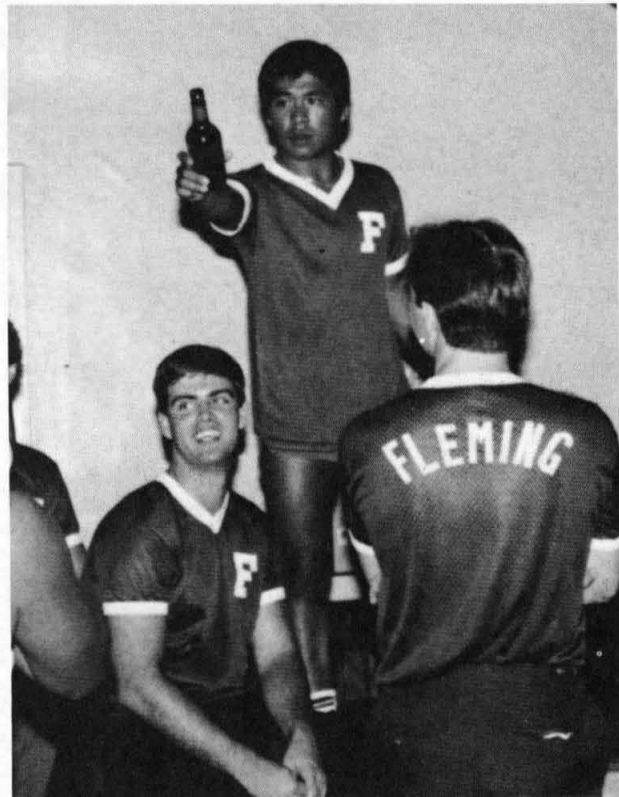
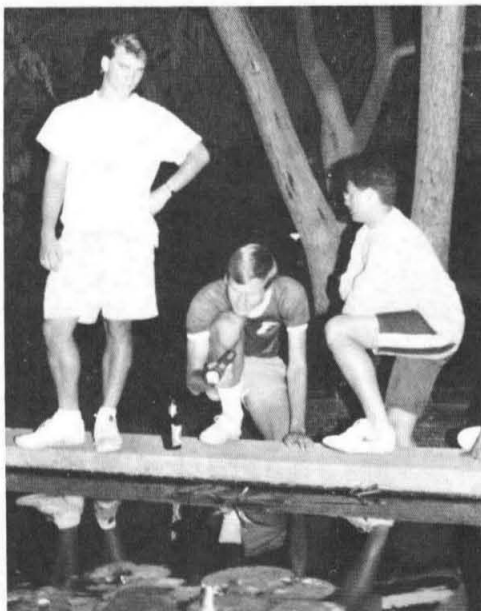
Zeppelin appeased the Tiki god, which breathed flame from the roof.

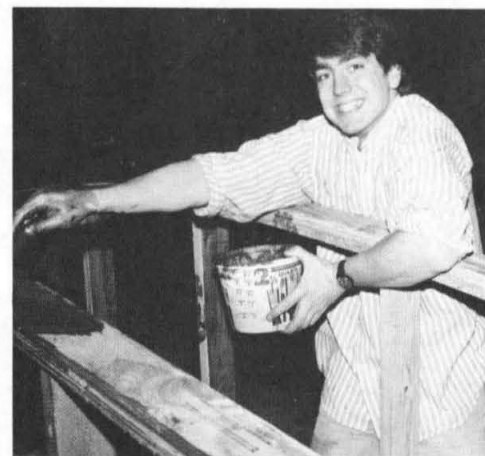
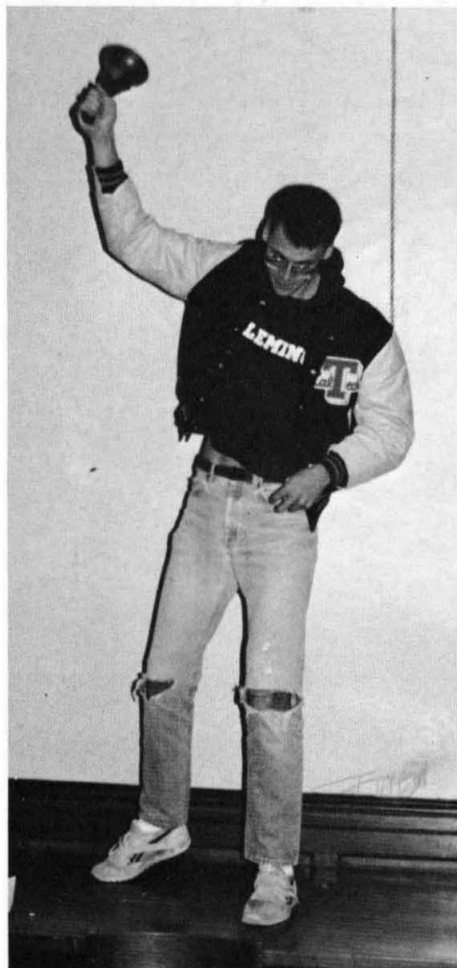
We honored our founder Arthur Fleming with a "dry" Country Club, which became rather wet when the women in red showed the Lloydies that being female and feminine need not preclude physical exertion. On Ladies' Night, the women tood control and showered a helpless Hemant Keny.*

Second term brought elections, and Kent Nordstrom passed the Bell to Bill*, our newly elected fearless leader. Mike Pottenger, Jeff Koehler, and Sam Clark took office as Vice-President, Secretary, and Treasurer respectively, with Hyon Lew as Librarian. Duchovnay's Ath Team of Jay Obernolte, Lanny Boswell, Gook, and Taletha Derrington plunged into the Interhouse and Discobolus fray, and Tim Maddux's Social Team of Sheldon Lim, Jessica Nichols, Mark Mazurek, and Steve Hoekstra planned weekend extravaganzas o' fun.

Flems also fared uncharacteristically well in ASCIT elections. Geraghty became our new ASCIT president, and Bill Swanson was elected upper-class Director-at-Large and later Senior Class President, with Scott Kister as Senior Class Secretary. In other worthy affairs, Catherine Hafer became House BOC Rep., Johnny passed the Food Rep. responsibility on to Jessica Barnett, and Lanny Boswell continued as Cannon Master*, and Chris Ho as House Photographer.

Wine and Candlelight celebrated love and romance at a dimly lit, fully-waited dinner in the Fleming dining room. Kent got into the mood, and





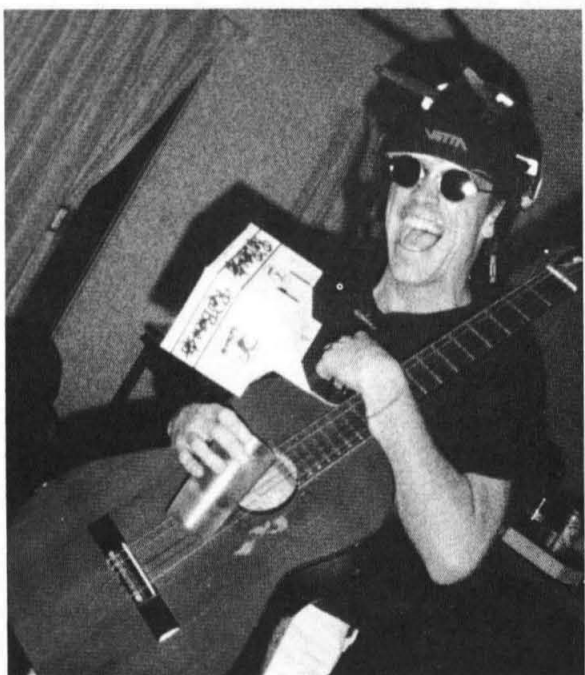
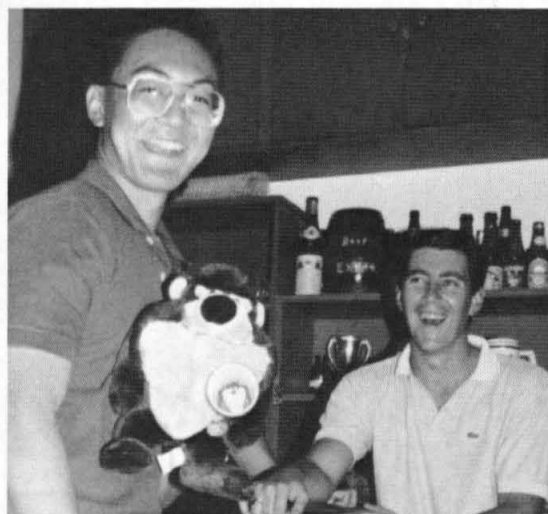
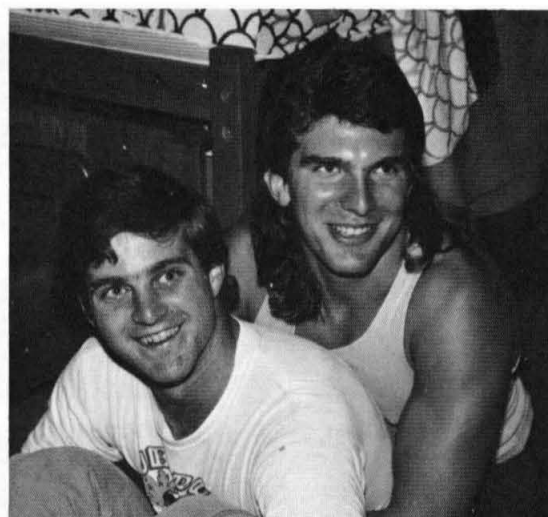
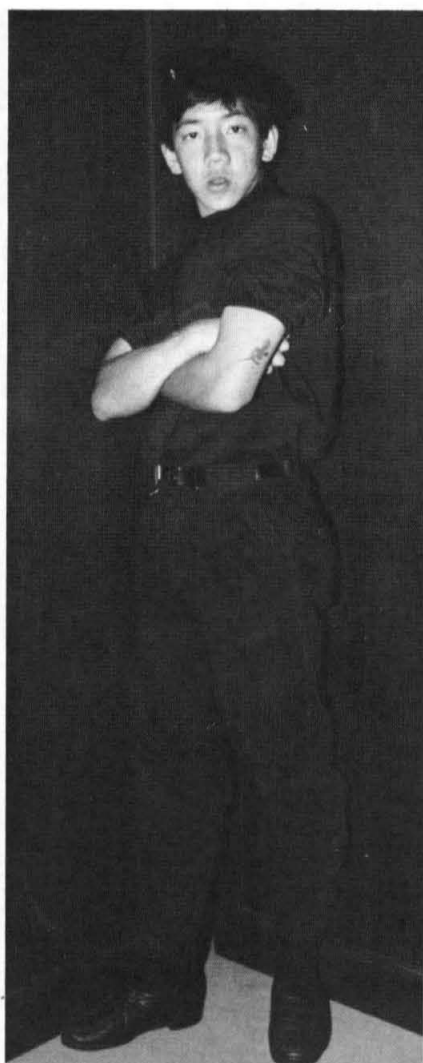
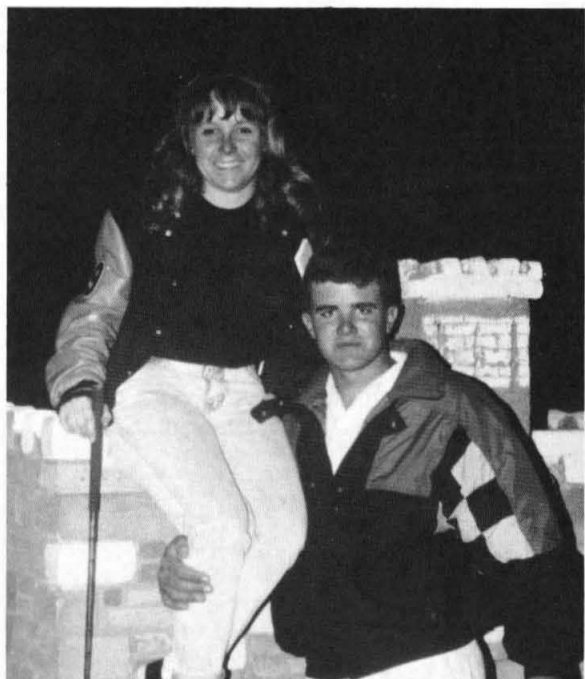
into the wine... * A few guests were even singed by Cupid's flaming airplanes.

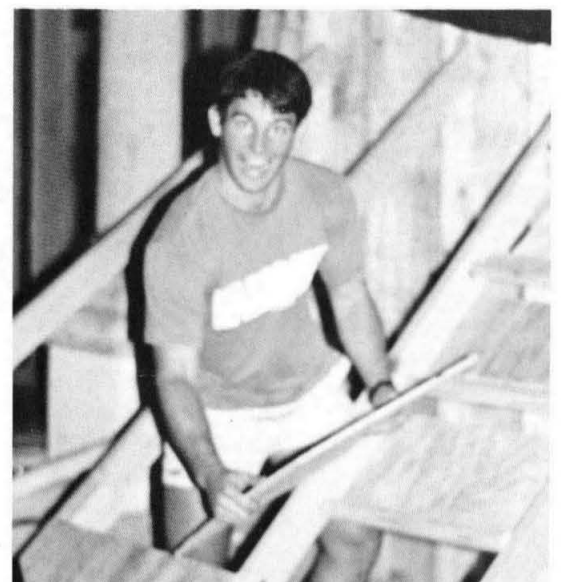
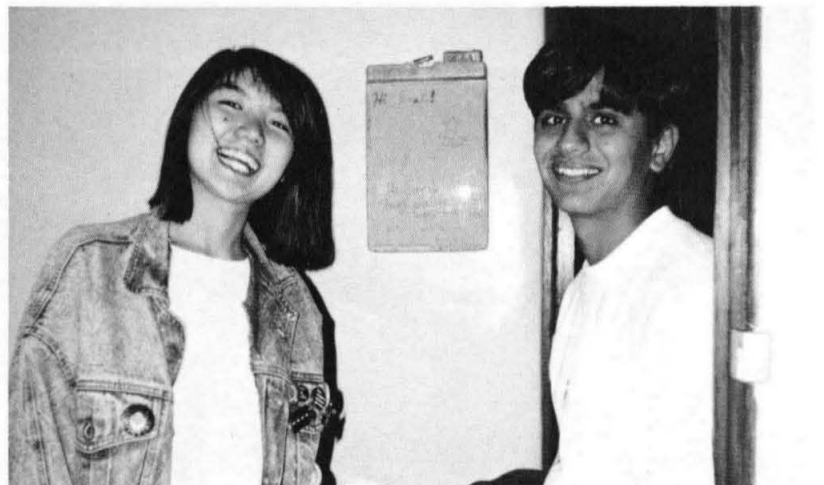
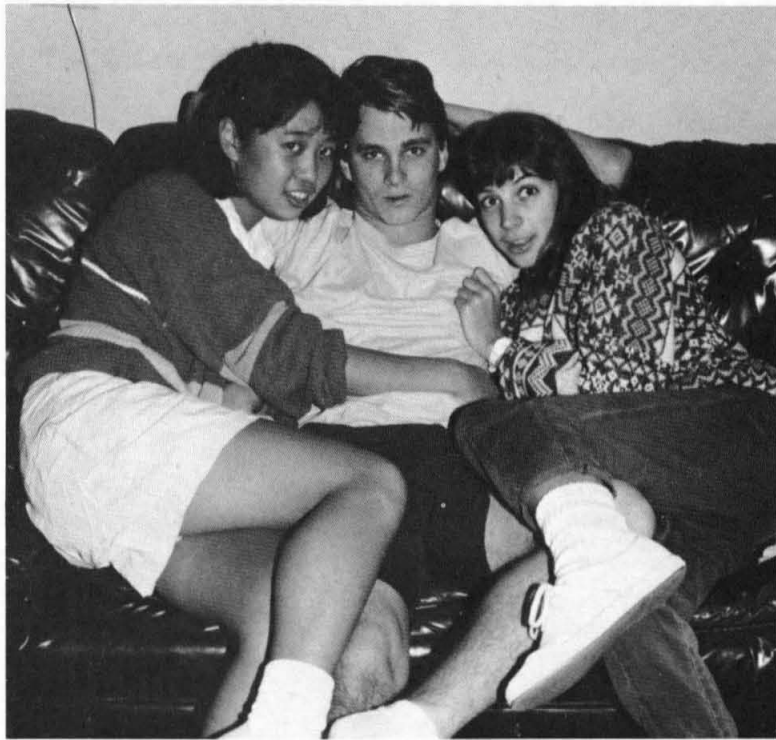
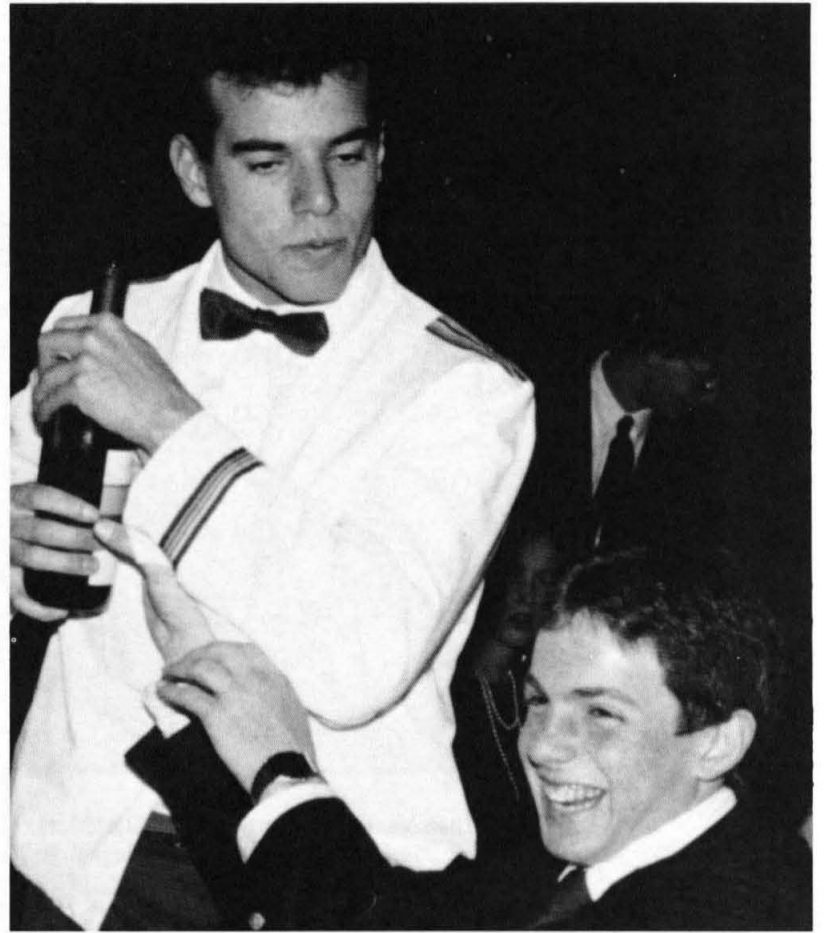
In intrahouse competition, Fecathalon featured Alley Bill, the defeat of Faress Rahman's smoking power by Sam's sucking superiority*, and T's victory over J. Barnett's blowing style.* Five! Five! Five! lost the title, while the Dragon Pete Ying's Six! Six! Six! carried the glory home. Outdoor Olympiad provided the house with fierce interclass competition and the annual frosh Rose Bowl Run, in which the freshmen turned in a record (ahem) 28 minutes, 30 seconds. While the juniors played well in Outdoor, defeating the other classes, they have a lot of room for improvement in Indoor. The seniors set a fine example for them, winning with superior strategy.

In general, it was a year of new faces and changes for Fleming House. The freshman class doubled the number of women on campus, Sam *cleaned* the library, and Ingrid Choong learned at least one new word a day. Even Gook was known to say, "The world is a warm, huggy place." But some things will always be the same: frosh will always be frosh (and will always be washed), the Bell will ring loud and clear, and the shirts will always be Red.

* see picture

LET THE DEED SHAW





FRESHMEN



FRESHMEN- Front Row (L to R): Mark Savellano, Jeff Martin, Yu-Chien Kuo, Jessica Nichols, Jennifer Jungkuntz, Jessica Barnett, Rob Underwood, Jeff Wiersema; **Second Row:** Joseph Chiu, Mark Mazurek, Ingrid Choong, Jennifer Mullin, Steve Hoekstra, Nick Pornsinsirak; **Back Row:** Michael Smith, Areez Mody, Ken Wiberg, Ted Palmatier, Hyon Lew, Jon Pelletier; **Not Pictured:** Taletha Derrington, Jessie Haldeman, Rich Baltzersen, Mark Horng, Wan Hwang

GO BIG RED

SOPHOMORES

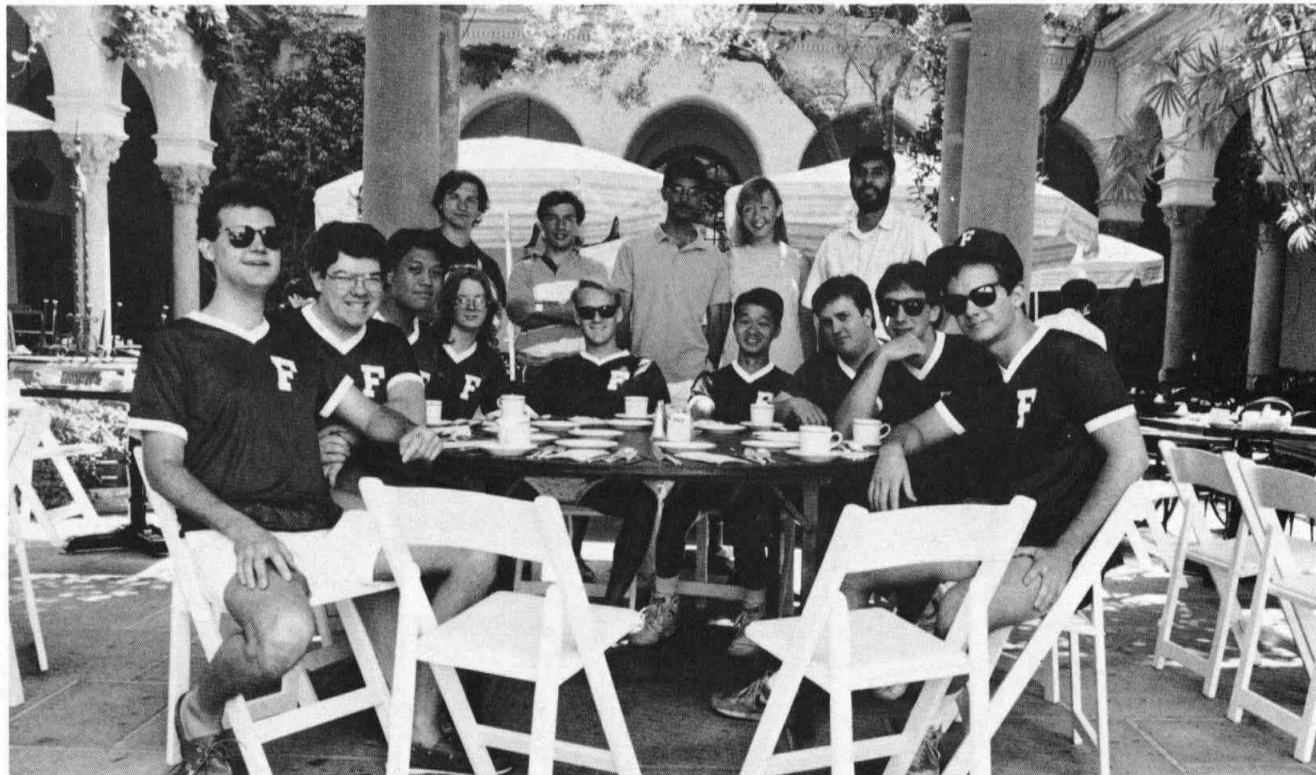


SOPHOMORES- Front (L to R): Sheldon Lim, Jay Obernolte; **Middle Row:** Tim Maddux, Sam Clark, Brian Duchovnay, Chris Ho; **Back Row:** Keith McCormick, Robin Bond, Karl Schneider, Lanny Boswell, Lei Chen; **Not Pictured:** Sonny Arcilla, Brent Buescher, Lee Burrows, Doruk Engin, Cathy Hafer, Kim Lumbard, Mike Mahon, John Phillippakos, Kirill Shcheglov, Shun Tsai, Jim Werner; **Somewhere:** Wendy Dong, Justin Muhly, Chris Ziomkowski

JUNIORS



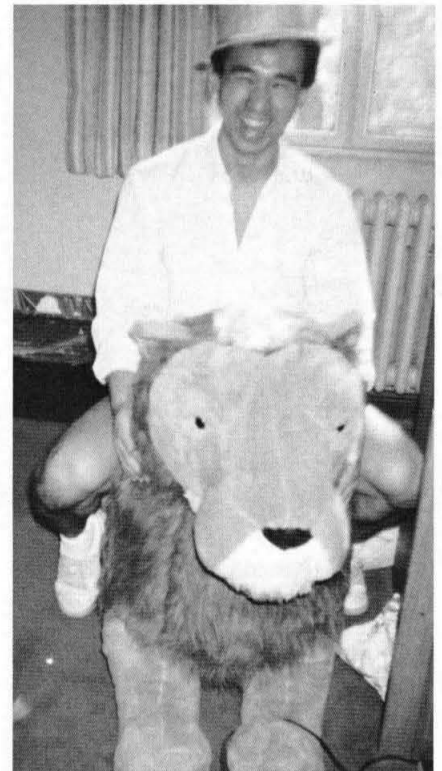
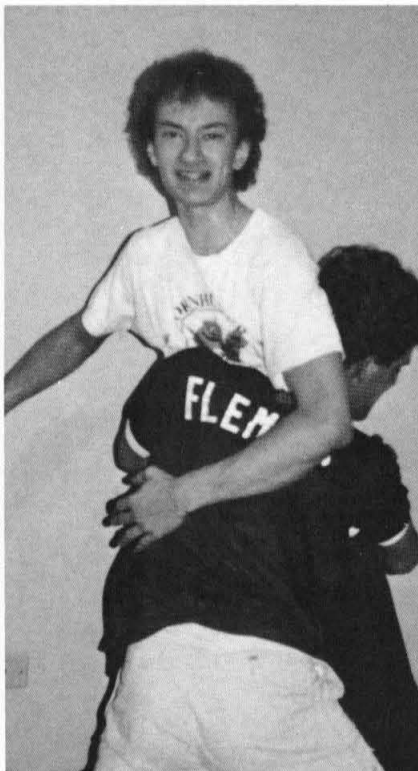
JUNIORS- Front Row (L to R): Kyung Lee, Meeten Bhavsar, Yayoi Izumi, Liz Warner, Eric Fung, Emily Lo, Joe Caroselli, Yu-Hung Kuo; Second Row: Ray Shen, David Hall, Teri Engelhard, Dong-Su Kim, Steve Jun, Eric Johnson; Back Row: Ben Masek, Scott Kister, Mark Humphreys, Sean Shannon, Eric Anderson, Mike Pottenger, Bill Swanson, Jeff Koehler, Dan Kollmorgen, Quoc Pham, Ken Campman; Not Pictured: Imran Aziz, Alecia Chen, Dave Geraghty, Gary Holt, Hemany Keny, Melinda Knox, Mark Markarian, Tim Melbourne, Dave Park, John Pham, Dave Rhoadarmer, Hassan Syed, Suresh Shanmugam, Rob Welstand

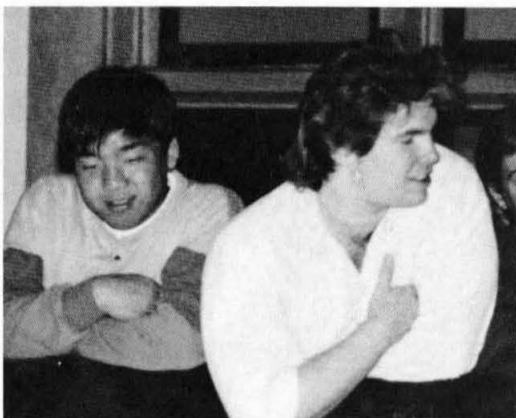
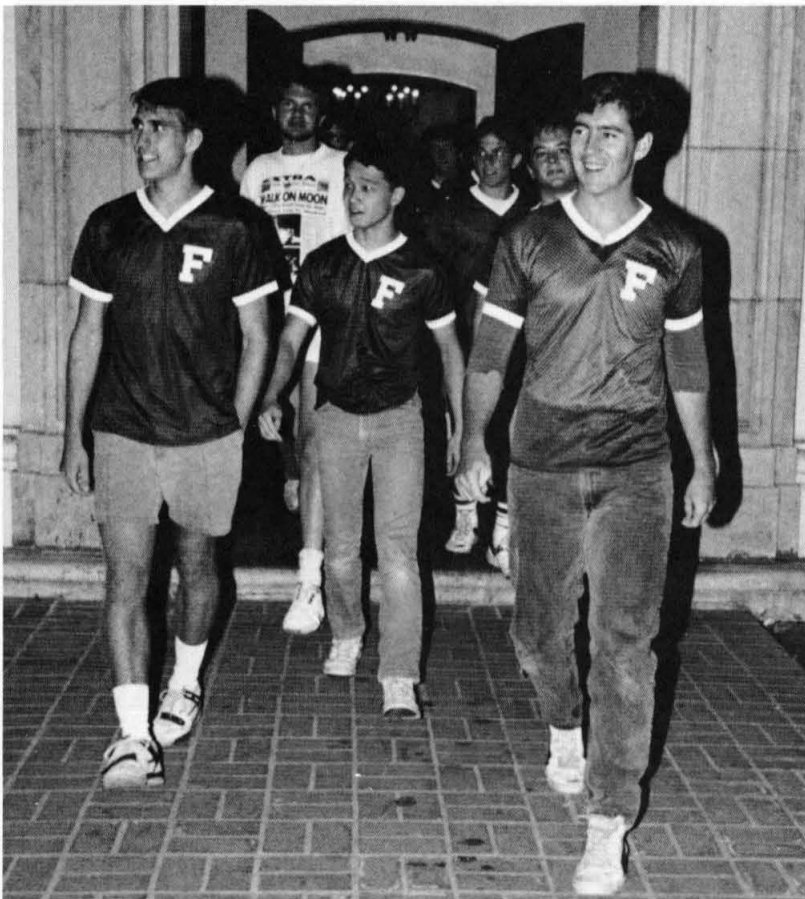


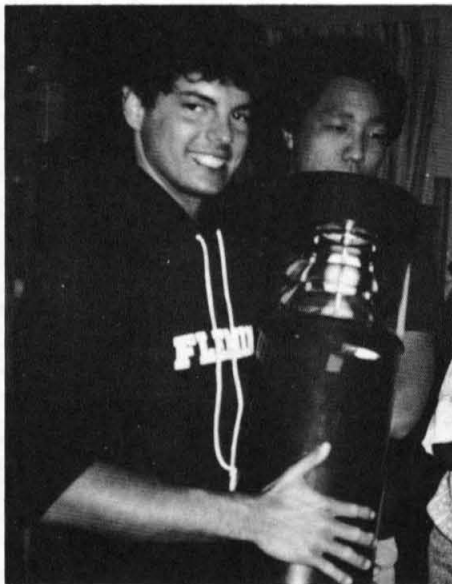
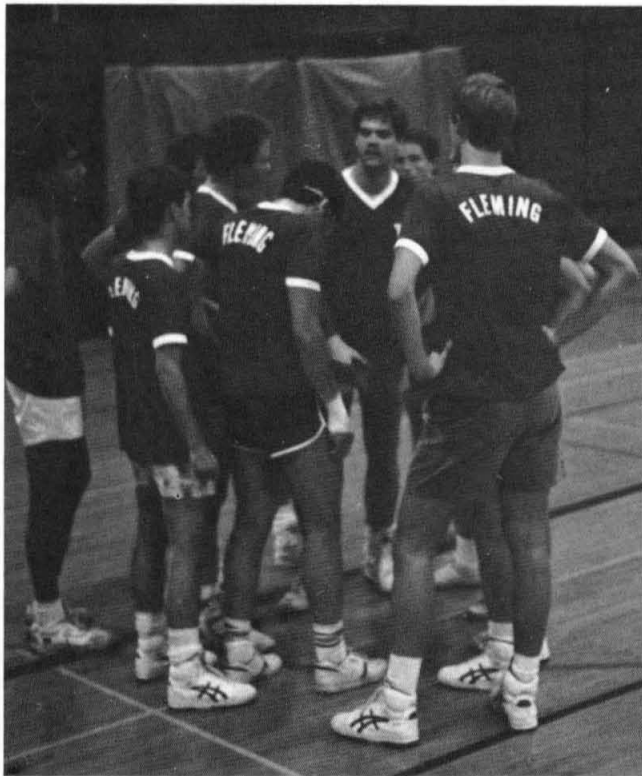
SENIORS

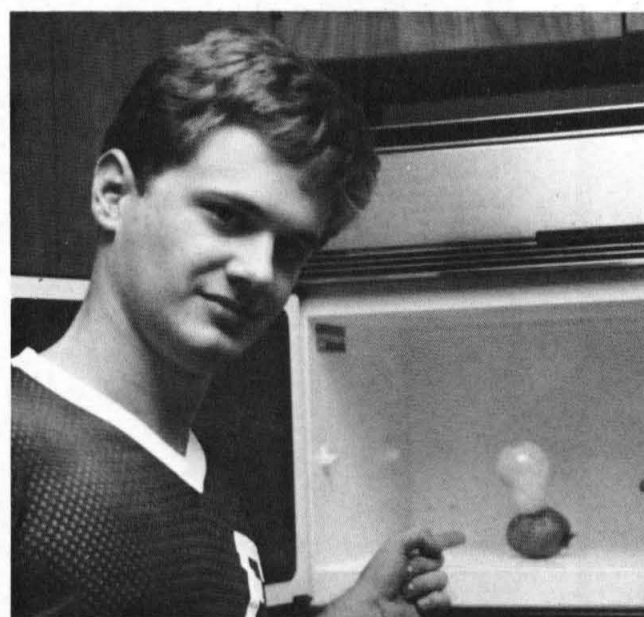
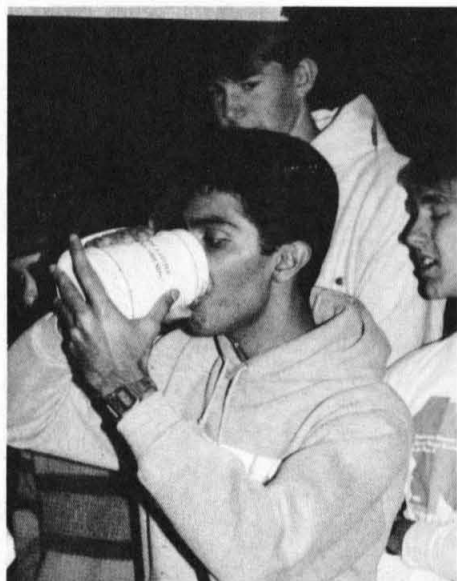
SENIORS- At Table (L to R): Rob Williamson, Brian Biswell, Andrew Chen, Kevin Luster, Ted Rogers, Pete Ying, Steve Clinard, Randy Ralph, Kent Nordstrom; Standing: Drazen Fabris, Andre Ohanissian, Faress Rahman, Vicki Lane, Syed Zubair Ahmad; Not Pictured: Chris Edgington, Laura Hernandez, Zulfiquar Sayeed, Doug Schafer

RESIDENT ASSOCIATES (Not Pictured): Anita Harper & Barry Krueger









FLEMING HOUSE 1989-1990

EDITOR & PHOTOGRAPHER
CHRISTOPHER M. HO

COPY
CATHERINE HAER

PHOTOGRAPHERS
SHELDON LIM EMILY LO
JENNIFER JUNGKUNTZ NICK PORNINSIRIRAK
JESSICA NICHOLS RANDY RALPH
YU-CHIEN KUO





Lloyd House, one of the seven undergraduate houses at Caltech, has long inspired dreams of wealth, excitement, and glamour. It was named in memory of Mr. Ralph B. Lloyd and his wife Mrs. Lulu Hull Lloyd of Beverly Hills and was completed in 1960.

The People

Lloyd House includes a wide variety of people, ranging from compugeeks to party animals. This year, 30 frosh were welcomed into Lloyd house. They included the largest number of women ever (12), and two transfer students.

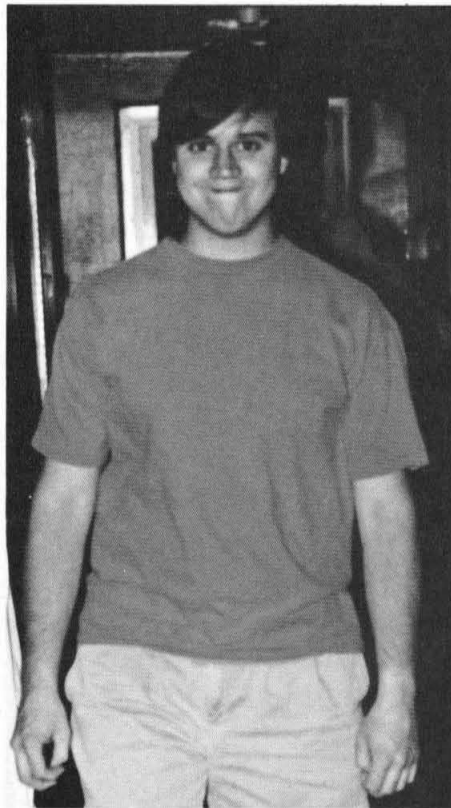
After Frosh Elections, the new Warlords, Jen & Jen, led the frosh on a campaign of terror. Starting by penny-stacking the doors of the upperclassmen (some upperclassmen soon retaliated), they then expanded their scale, taking the Fleming Scoreboard and presenting it to the Flems at the Fleming Country Club. After a long break, the frosh struck again, replacing the Chem 1 periodic table with a Harry "The Horse" centerfold.

No one would take the credit for the Discobulous Trophy, however. It turned up missing over Interhouse weekend and an emergency replacement was pressed into service as fingers were pointed in various directions, even towards Oregon. Although a new trophy is brought, the mystery of the disappearing trophy remains unsolved.

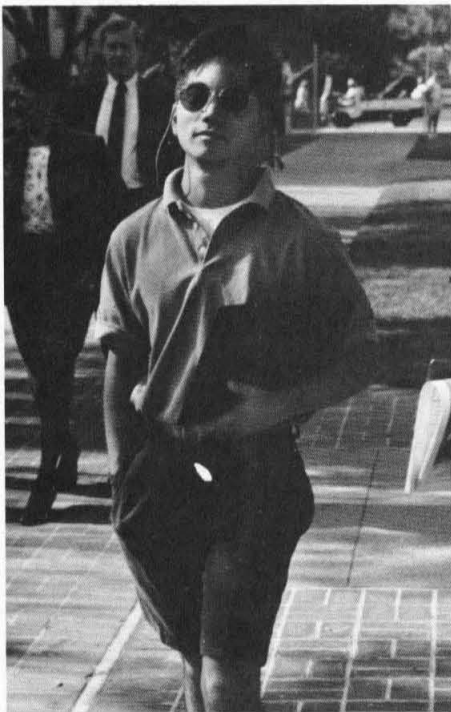
The people of Lloyd speak fondly of a tradition known as showering. They fought intruders, successfully fending off Page and Fleming more than once. For practice, they even showered each other. Sometimes they fought in groups, such as the O.C. Posse or the Headquarters/Tropicalley Posse, or singly (right, Raif?). Even in the wars there were individual battles of note, such as the Rob Grothe vs Jen Remine two hour duel to the death.

Normally sedate Lloydies occasionally became violent at dinner. The waiters struggled valiantly to keep control under "Ruddock Rules", but they had no hope of restoring order once the food started to fly.

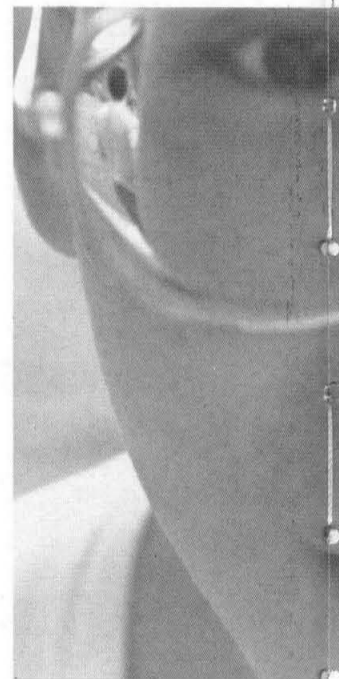
For post-dining entertainment, Pete Rogan offered secretarial announcements and Randy Stevenson introduced Tuesday Night Lost-and-Found-Corner.



Jazzbo, Skippy, and Myron test their planes.



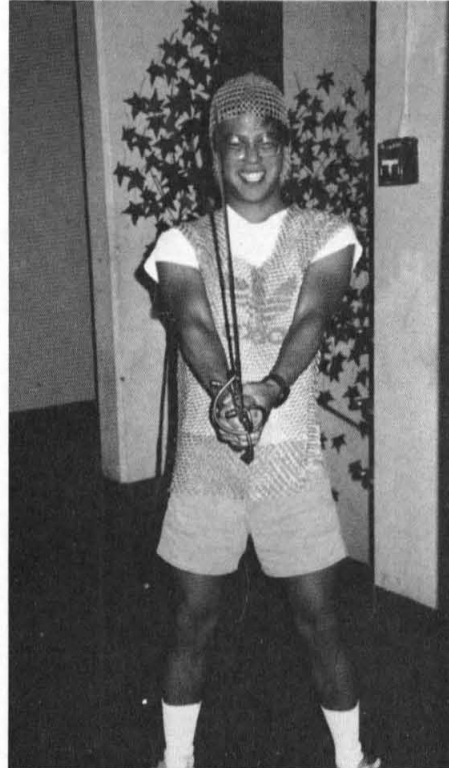
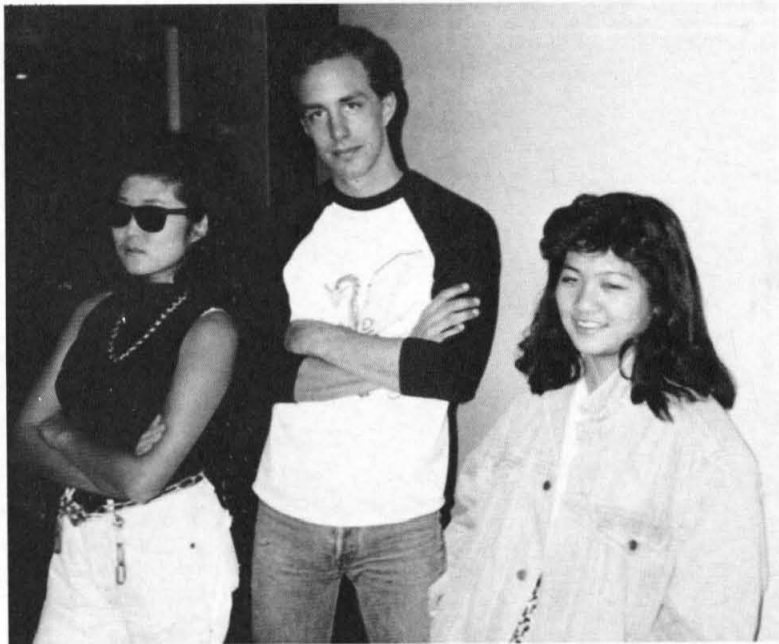
Keith strikes his GQ pose



Evil Stevel enjoys himself

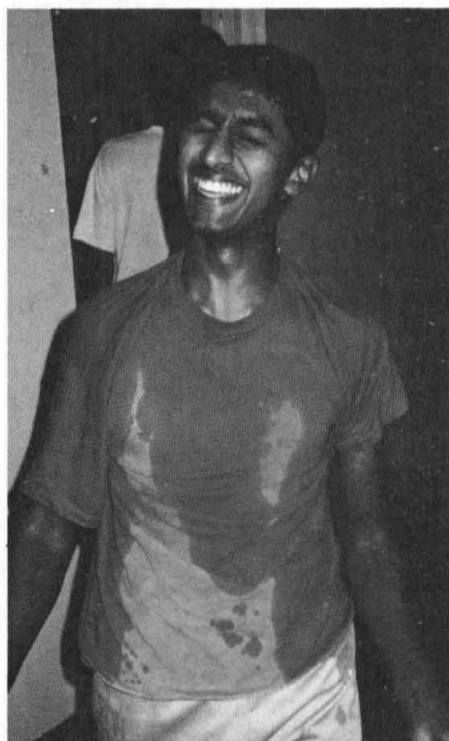
Frosh girls get together for a night out





Doug and Yuka try to look tough while Melinda smiles sweetly

Medieval knight claims to be Myron's long-lost twin brother

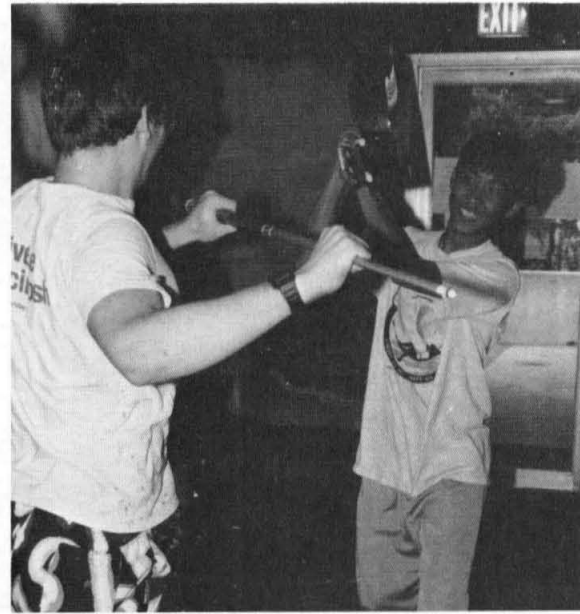
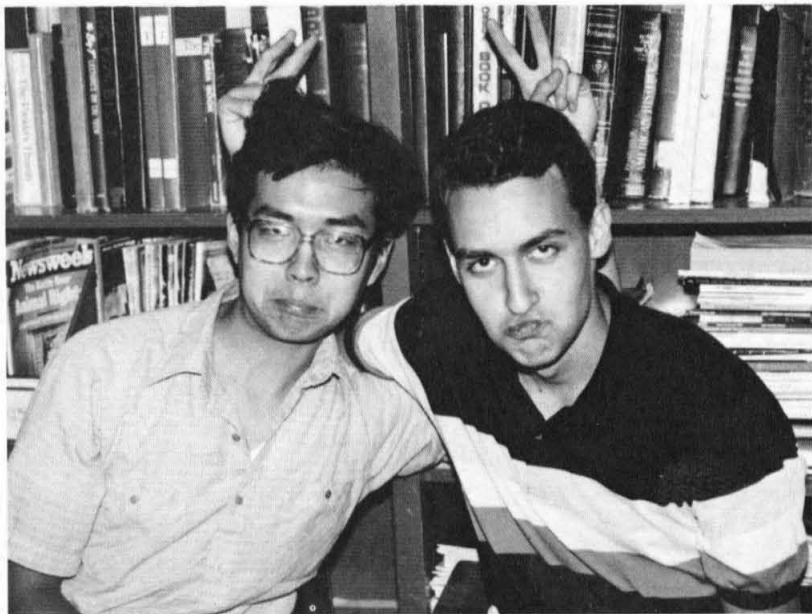


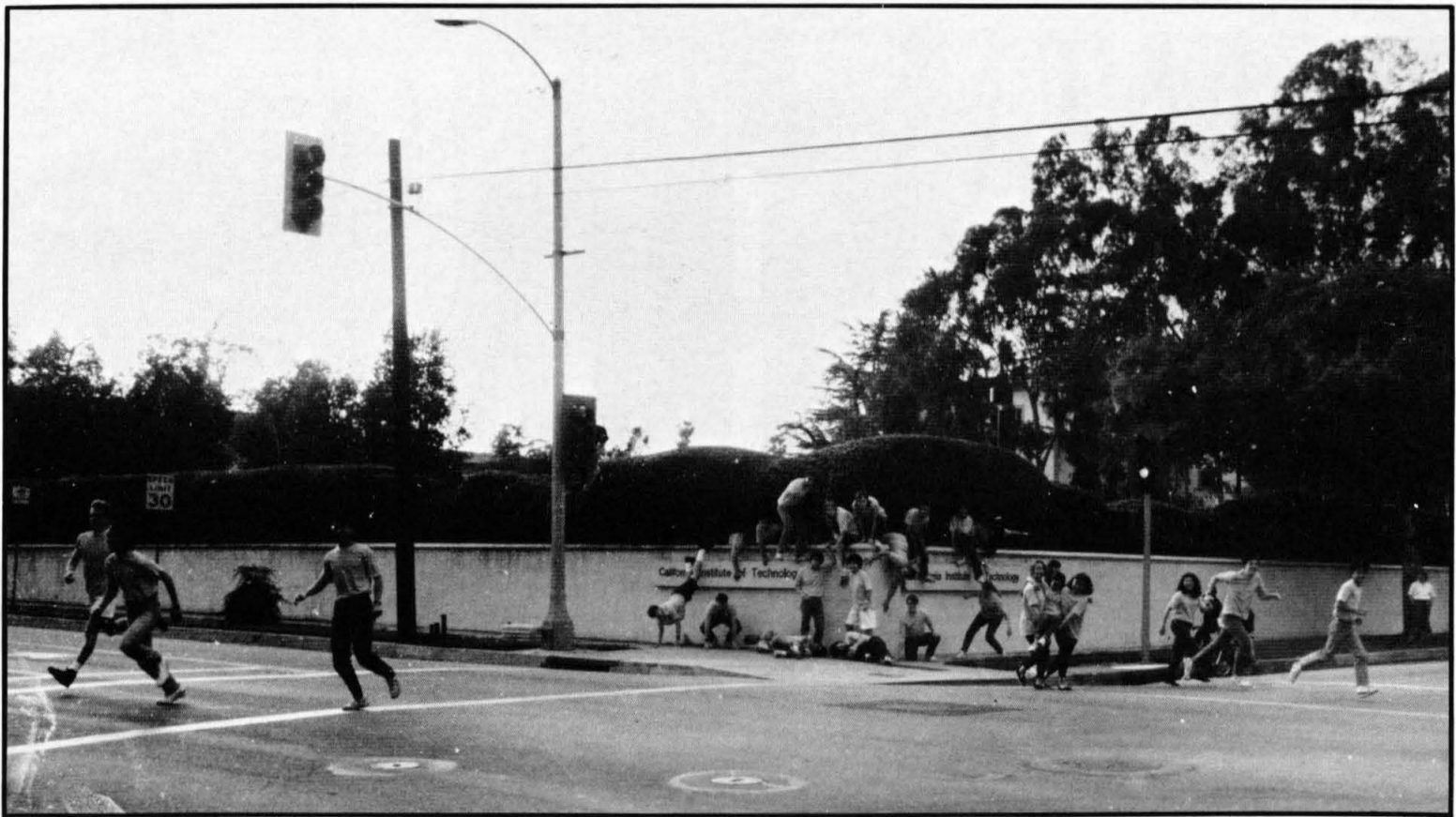
Raif in his natural habitat (WET, of course)

Giant, ugly Alien from Outer Space descends on Lloyd House

Sophomores avoiding their work

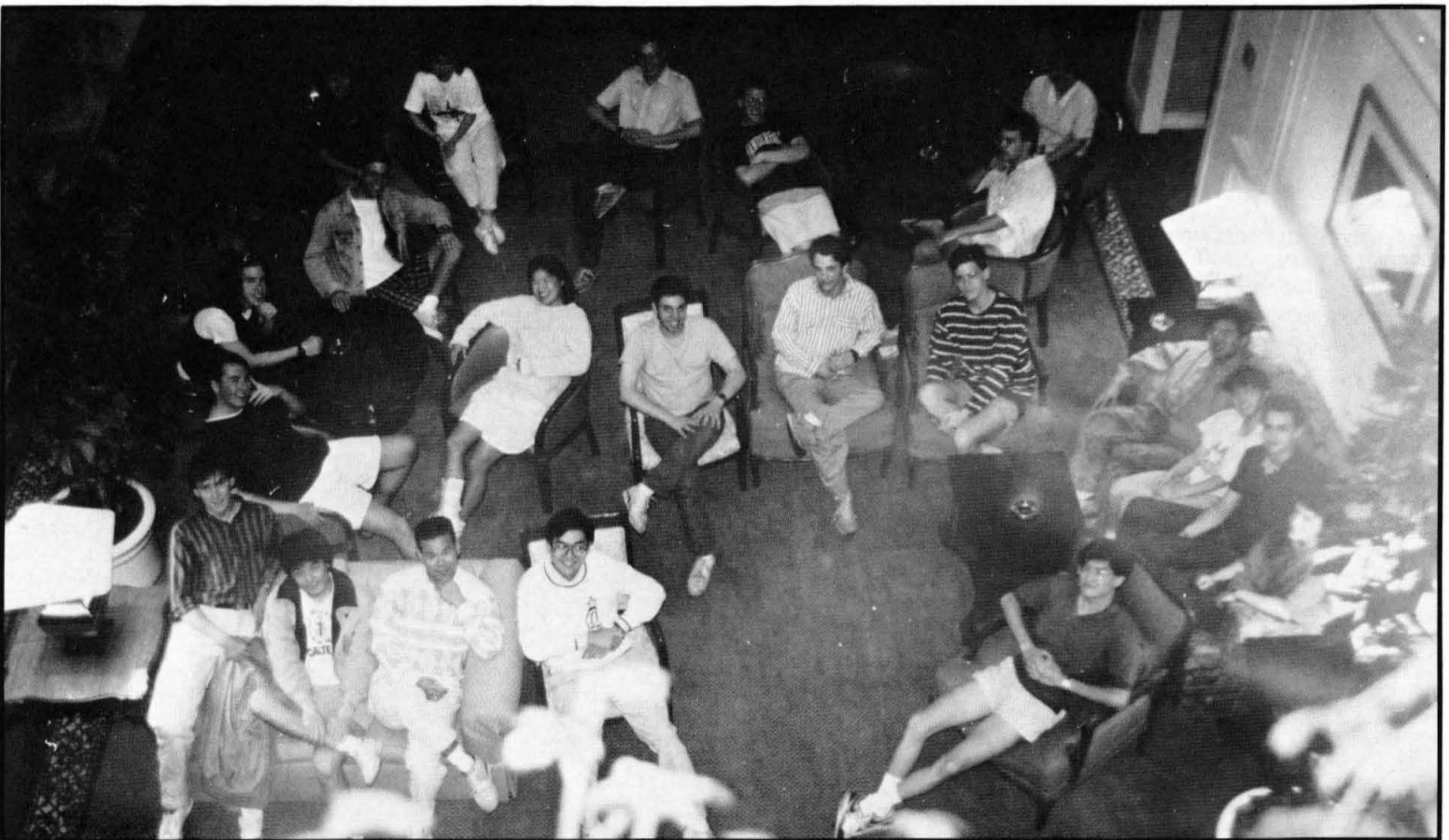
Pete and Sonny duel over a fair maiden

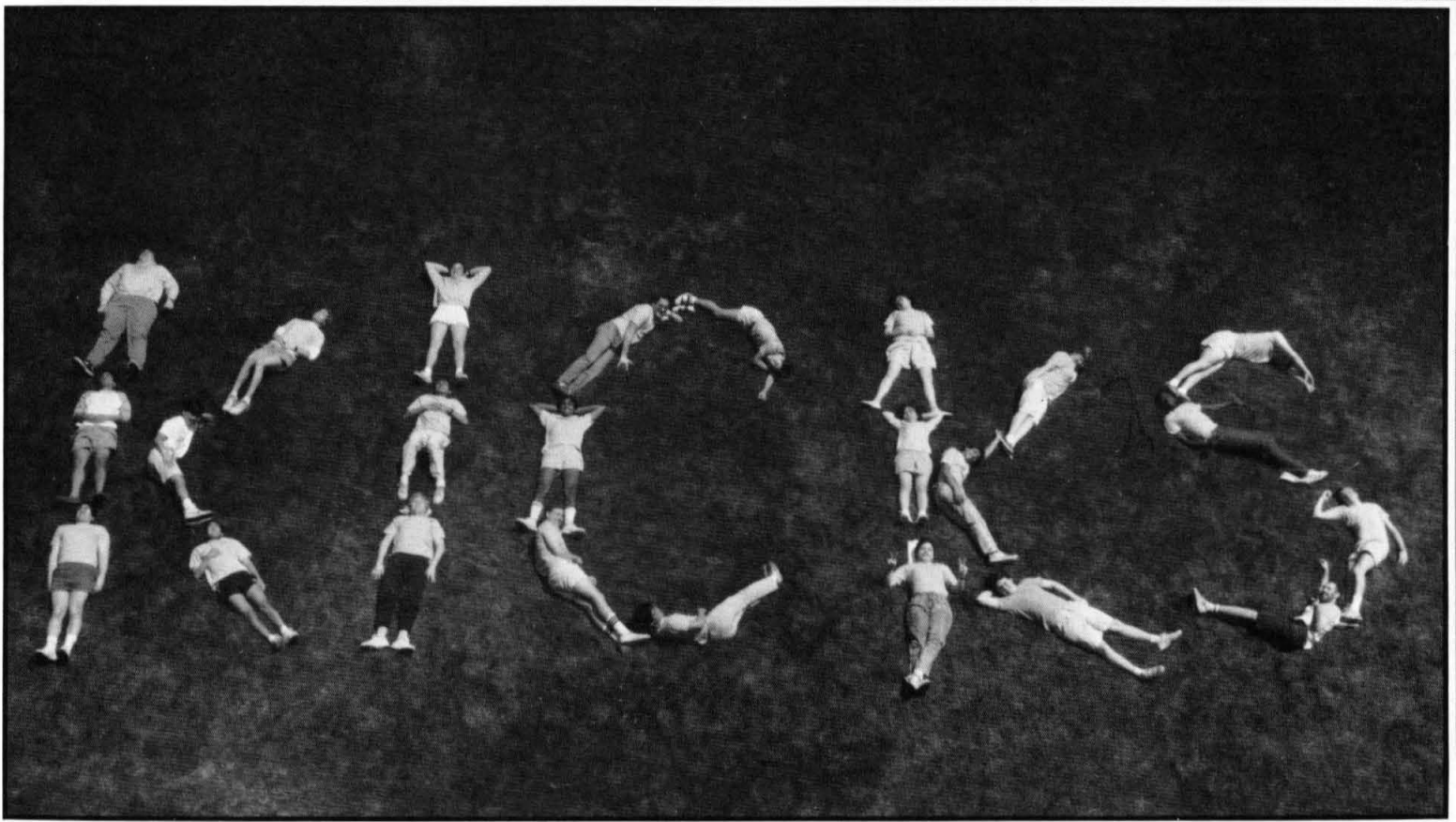




FRESHMEN: (left to right) Rob Rickenbrode, Jong Lee, Francis Chong, Chris Alexander, Pete Caylor, Mark Son, Roy Lee, Dan Sandoval, Joe Lauer, Victor Lee, John Stamm, Martin Lin, Aimee Smith, Helen Tsai, Tim Crowder, Lyle Enriquez, Jae Kyung, Aaron Clements, Jeff Koshi, Karen Byers, Jen Yu, Ina Brenneise, Audra Meng, Swathi Ganaraj, Marcia Li, Yvonne Liu, Yuka Yonebayashi, Jose Perez, Sonny Nguyen. **Not Pictured:** Melinda Au, John Freeman, Diane Wong.

SOPHOMORES: (left to right) **Front:** Chris Dunn, Andy Abo, Albert Lee, Duke Wang, Alex Lin **Middle:** Steve Carson, Carl Roth, Fiona Lo, Aaron Lipman, Ari Kaplan, Randy Stevenson, Hsiao-te Su, Garland Lee, Jeff Jones, Maria Toronto **Back:** Alex Densmore, Linda Ying, Michelle Tseng, Brian Clendenin, Jack Boyce, Pete Rogan, Emily Wen **Not Pictured:** Walker Aumann, Gladys Chow, Matt Class, Brian Fuller, Albert Ho, Mark Lakata, Yvonne Lung, Jong Moon, Alf Morales.





JUNIORS: (K) Matt Maloney, Gil Elbaz, Dimitri Kirill, Jeff Hagen, Keith Akama, Mike Ida, (I) Kurt Storm, Amar Gandhi, Nate Hieter, (C) Jimmy Ng, John Gass, Raif Majeed, Scott Harris, Myron Ahn, (K) Janet Lai, Ngoc Diep Le, Misha Samoilov, Tara Kirby, Atulya Risal, Chris Myers, (S) Steve McLaughlin, Jack Prater, Larry Ahle, Paul Socolow **Not Pictured:** Alecia Chen, Helen Cheng, Anita Lee, Thuan Luu, Doug Peterson, Mike Rozak, Stephanie Shors.

SENIORS: (left to right) Tarik Isani, Dave LaFollette, Pei-Hsiu Suen, Rob Grothe, Richard Yeh, Craig Sosin, Dave Townsend, Sean Johnston, Brendon Lasell, Steve Ludtke, Ben Funk, Adam Weissman, Curt Hagenlocher, Thuy Nguyen **Not Pictured:** Dwight Berg, Huy Cao, Tom Capellari, Kevin Chase, Dave Jeitner, Cliff Kiser, Chandra Raman.



Recreation and Social Activities

Lloyd House is a place of parties, sports, and culture. The year, as always starts off with Rotation, that wonderful process by which frosh are introduced to the houses. It was highlighted by Lloyd's rotation movie, *Skip, Lloyd, and Videotape*. The last night of Rotation, Lloyd welcomed its new members with traditional Lloyd hospitality: the largest speakers available, religious enlightenment, and a shower.

Later in the term, everyone dressed up in their Sunday Best, as they traveled to a classy place for Senior-Frosh breakfast.

January saw the coming of the annual ski trip at Big Bear. Everyone had a fun time despite the unseasonably warm temperatures.

In the middle of second term, Lloyd elected new officers. A new excomm drank its way into office under Randy Stevenson's leadership.

Lloyd relaxed at the Bonelli Park picnic. There was lots of fun, food, and communing with nature (especially the sun).

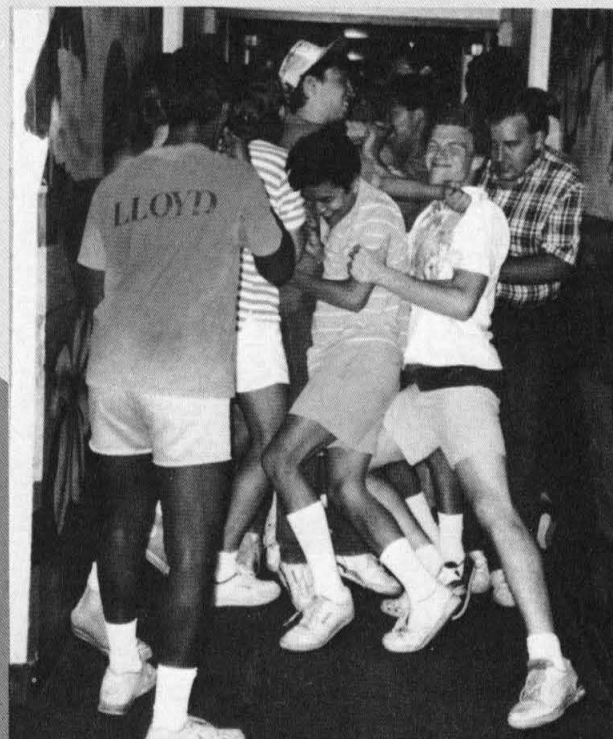
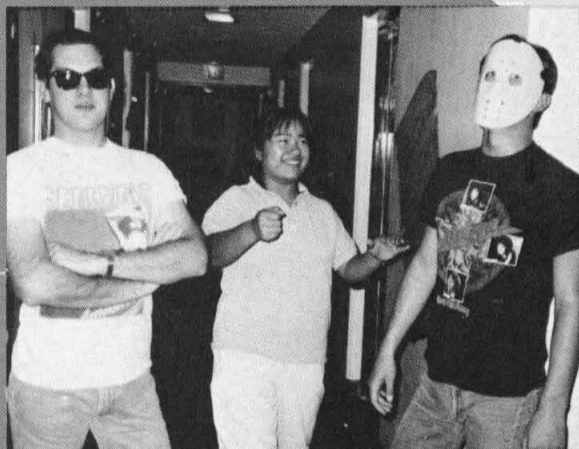
Even though there are only a small number of seniors, the Senior Banquet was, as always, an entertaining evening and a suitable farewell to our beloved Seniors. Ditch Day followed soon after Senior Banquet. This year, the stacks were Rich Berge/Craig Sosin's "The Beckman Conspiracy," Ben Funk/Brendon Lasell/Dave LaFollette/Tarik Isani/Pei-hsiu Suen/Richard Yeh's "Just Do It Stack," Rob Grothe's Baseball Stack, Sean Johnston's "The Movie Stack," Steve Ludtke/Dave Townsend/Adam Weissman's Futuristic Stack, and Andre Ohanissian's "Andre and Arthur's Big Adventure." It was an exciting Monday and the whole house participated.

The annual Beach Trip took place the first weekend in June. As usual, everyone got a lot of sun (too much?) and enjoyed themselves.

Lloyd showed its cultural side on May 24, when most of the house attended *The Phantom of the Opera*, starring Robert Guillaume as the phantom.

The year included some memorable alley challenges. The ping pong blow, sponsored by our esteemed R.A, Bruce Patton treated its winners to pie and ice cream. Arm-wrestling between Headquarters and Tropicalley resulted in some spectacular upsets. Miniature golf between Headquarters and Virgin Islands started the year, and the long-awaited Air Band Challenge ended it shortly before finals.

Traditional Lloyd sport—Alley Rugby



The TerWenator coaches Doug and John in "Te100: Intimidation Techniques"



New social team takes office



Crucifixion of Pete Rogan.



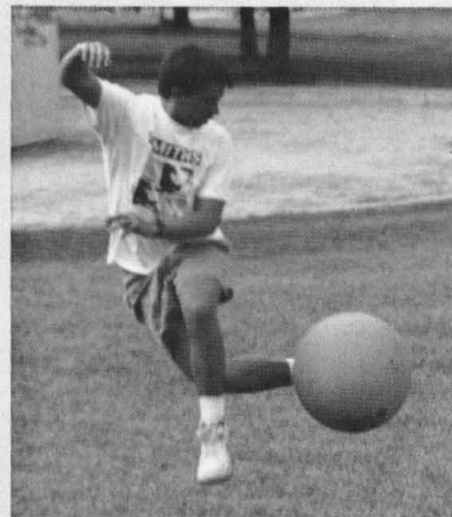
World renowned artists Raif and Jong work on their latest creation



Virgin Island works on its pumpkin



Bonelli Park barbecue



Lyle shows off his skill in kick ball



"Frosty the Snowman" at ski trip



Corona sophomores play puller-bars in the gym

Party Time

Life in Lloyd is not all studying, by any measure. In addition to the other social events held throughout the year, Lloyd holds many parties, many of which have become annual traditions.

Members of Lloyd House found or invented costumes to attend the campus wide Halloween Party. The costumes ranged from the fancy to the plain, the planned to the improvised.

The next big party was Inter-house, held on November 18, finally ending Atulya's "Beeld Eenterhouse!" dinner announcements. Lloyd's theme this year was Gang Violence, and the house was converted into a subway station, complete with genuine park benches, newspaper dispensers, and even a turnstile! Lloydies joined various gangs, ranging from the Lloyd Amazon Women to the Baseball Club. The gangs prowled around, frightening potential intruders and each other alike.

As first term drew to a close, Lloyd threw its annual Christmas Party. As always, Santa Claus was there to give gifts to all good (and bad) Lloydies. Jack Prater a memorable gift in red satin while Jeff Jones and Raif Majeed became Lloyd's newest cover girls. Linda Ying got some SillyString and promptly attacked Stevel with it, and Alex Densmore got christmas greetings from the house. Santa also gave Jeff Hagen some Skippy peanut butter.

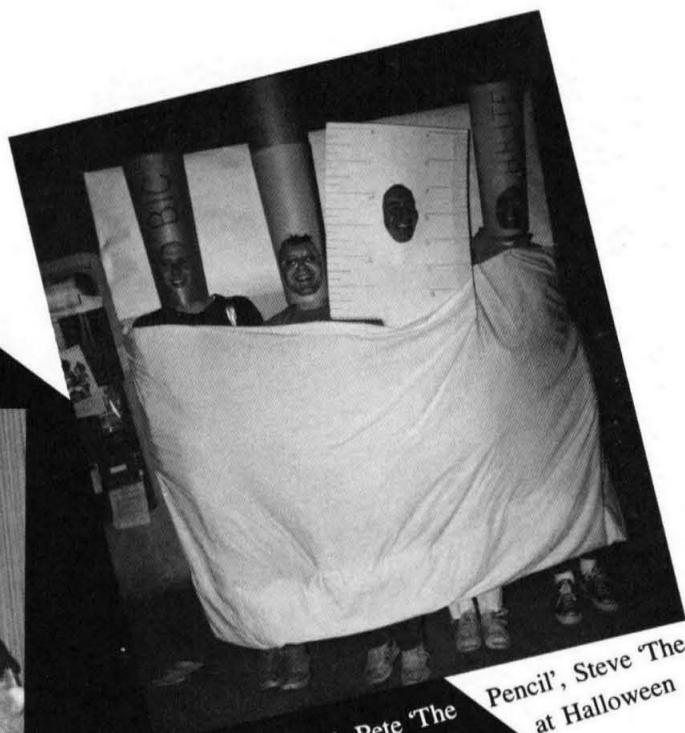
Shortly after the new social team took office, they decided to have a Casino Night. It cost a lot of time and money, but everyone agreed that it was worth it. Coming away from the BlackJack, Craps, Poker and Roulette Tables as the big winner was Dan Sandoval, (with a little help from his friends,) as many normally mild-mannered Lloydies showed considerable enthusiasm for gambling.

Third term, the big event was the Corona "Can't Call it a Party" Barbeque. "Everyband," a mostly Lloyd band, provide live music at the barbeque. This was one barbeque that lasted far into the night and the next morning.

Other parties that Lloyd organized with other houses included the Pre-Frosh Party and the North Shore Party.



Santa grants Jack Prater his wish



Brian 'The BIC', Pete 'The Ruler', Pencil, Steve 'The Ruler', and Alex 'The Hi-lighter', at Halloween



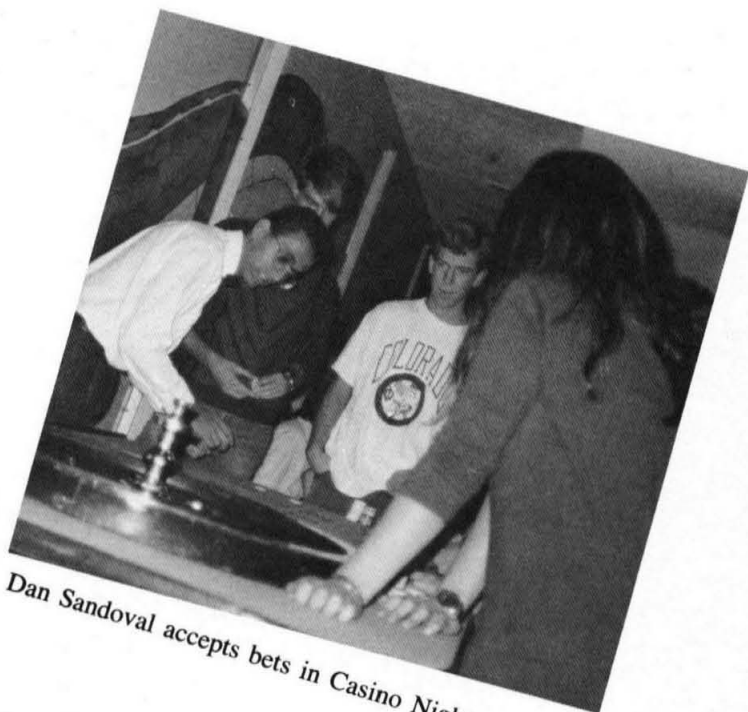
Christmas concert with Brian Fuller, Steve Carson, and Randy



Lloydies get ready for Halloween party



Fiona 'the Vampire' and Mike 'the Iron Utensils'



Dan Sandoval accepts bets in Casino Night



Tim Crowder
dealing chips



The Baseball club/gang in action



"I wear my sunglasses at night"



Corona Barbeque? Party?

Lloyd House Athletics. Three words on a piece of paper, to most. But to Lloydies, these words recall memories to last a lifetime. How does one encapsulate the joy and pain, the grace and the grit, the spirit and the triumph that these words represent? How indeed to capture, in few words, all the facets of the phrase? What words can one use?

Camaraderie High attendance, as usual, marked the Lloyd softball season. Large crowds were on hand to see the dramatic 8-7 last-inning win over Ruddock, and the hard-fought 7-7 tie against heavily favored Fleming.

Determination Despite being perpetually tagged as underdogs, Lloyd continued to display the mettle of champions. Rebounding from a heartbreaking loss to Ruddock, the soccer team pulled a stunning 1-0 upset over Fleming. That same drive to greatness gave Lloyd an unexpectedly strong fifth-place finish in interhouse swimming.

Endurance Lloyd House can't play ultimate, they said. Lloydies can't do any offense, they said. The Black and Gold can't compete with the top teams, they said. So they said. But the skeptics had another thing coming. In their first game, the scrappy Lloydies tied powerhouse Fleming 6-6, and witnessed yet another amusing Pete Ying tirade. In their second game, they almost beat Blacker until a last-second goal rescued the moles with a 6-6 tie.

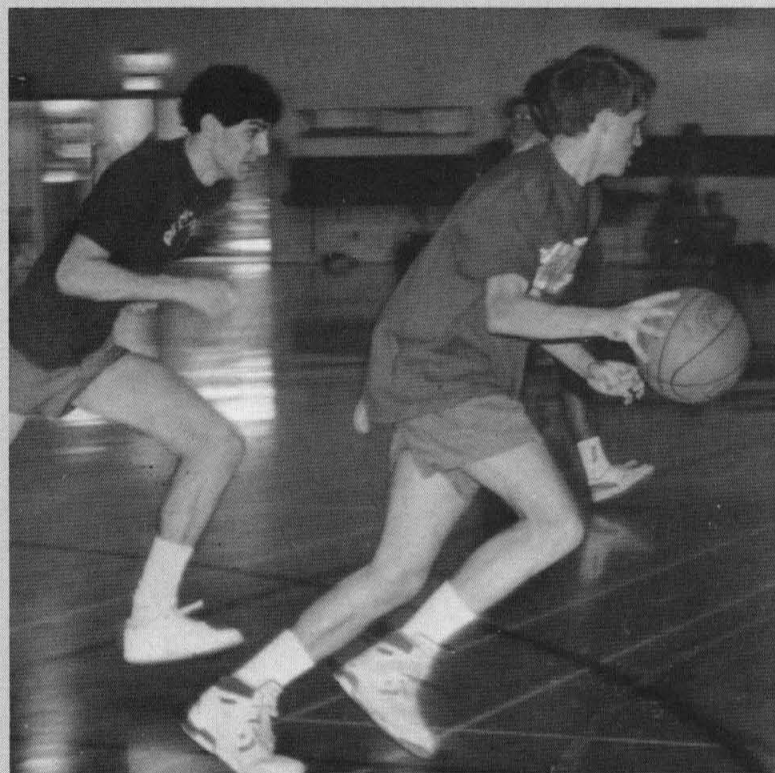
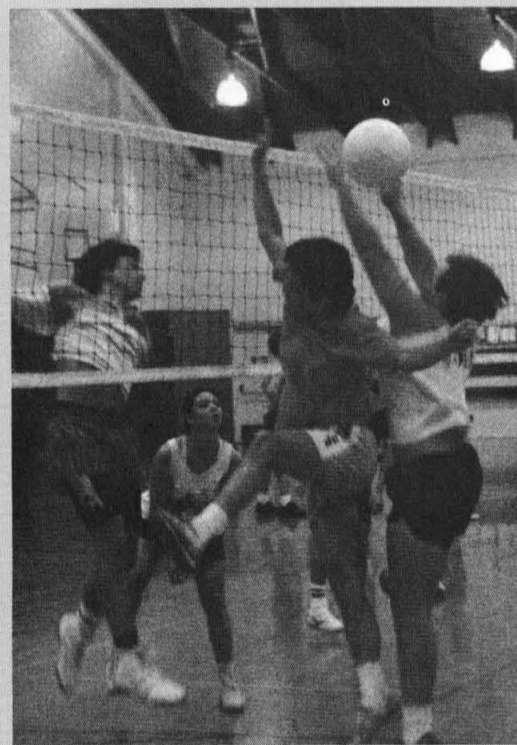
Domination In the 1990 school year, houses that dared to oppose Lloyd in Discobolus competition were systematically crushed. A four-game winning streak early in the year (Page loses ultimate, 15-9; Blacker loses softball, 22-8; Dabney loses basketball, 56 or more-30 or less; Ricketts loses softball, 20-8). The fact that the trophy was misplaced following Interhouse also provided ample motivation to keep winning.

Excitement When Lloydies hit the track, sparks flew. As the helm was transferred from Rob Grothe, Kurt Storm, and Raif Majeed to Dave Jeitner, Fiona Lo, and Doug Peterson, the Gold and Black Attack posted an inspiring third-place finish, aided in no small part by Lloyd's dramatic victory in the 4x400 relay.

Innovation In sports at Caltech, Lloyd House was clearly the innovative force this year. Paul Socolow, enchanted as he witnessed

Interhouse volleyball against Fleming

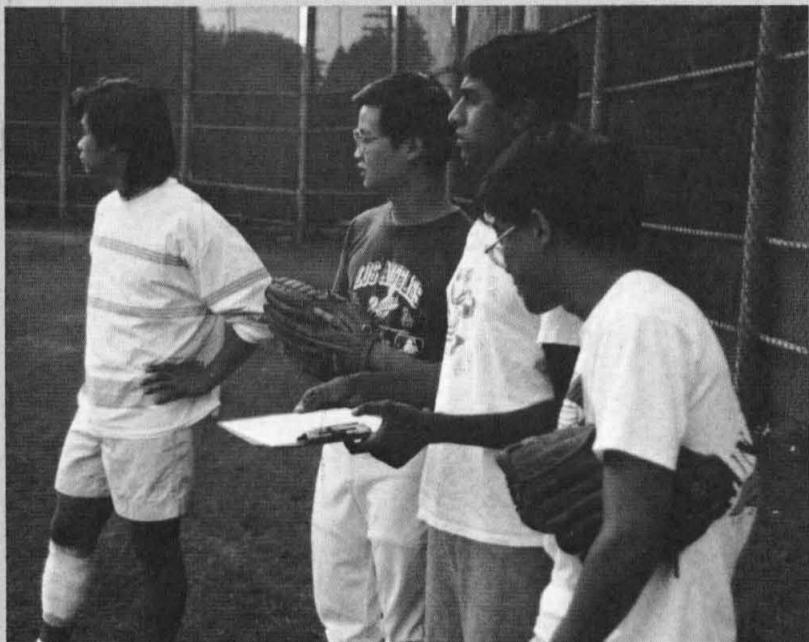
Paul Socolow breaks the sound barrier!



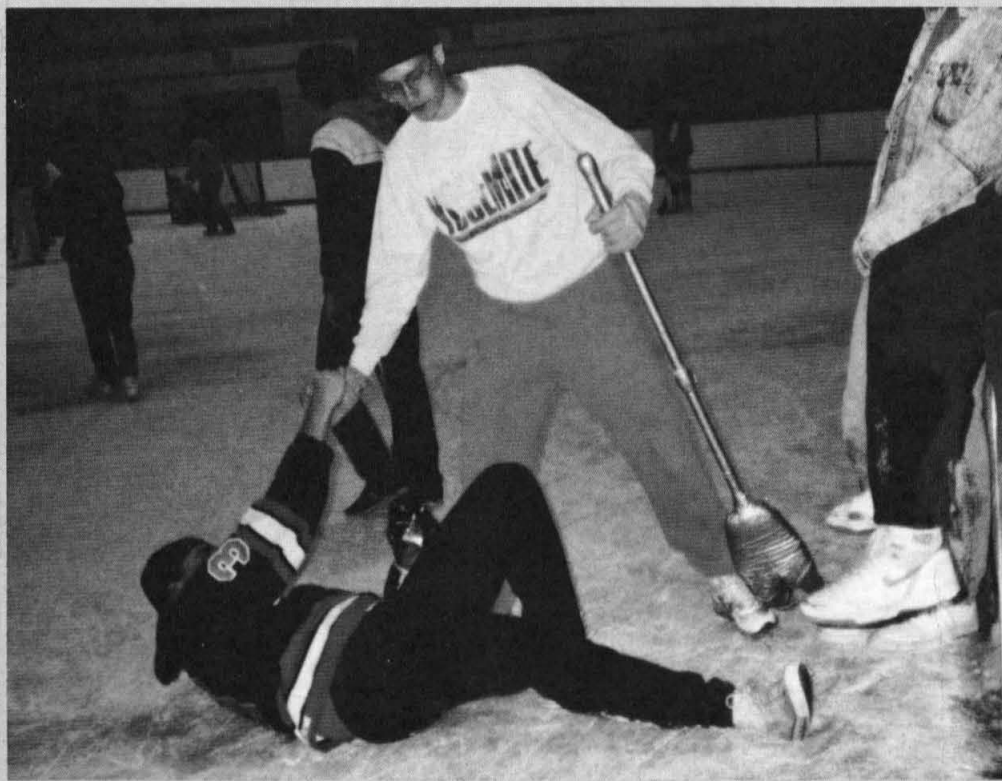
Larry speeds into action in Interhouse basketball



Randy and Albert Ho practice their laps on the Caltech track.



Another exciting Lloyd game captures everyone's attention



Randy gives Steve a hand



Sean and Karen during Interhouse softball.

indoor ultimate in faraway lands, introduced the concept to his homeland, Lloyd. The residents thereof saw it grow from concept, to diversion, to obsession, to alley challenge, to Discobolus sport. Despite Lloyd's 50-42 loss to Blacker in the challenge, it was considered by many Lloyd fans the best athletic event of the year.

Tradition Things looked gloomy for Lloyd third term. Basketball and tennis were traditionally two very strong sports for Lloyd. With the passing of the class of 1989, the future was shadowed in doubt. But against all imaginable odds, the Lloydies, propelled by high expectations and indomitable will, earned a fourth-place finish in basketball and a third place in tennis. And Lloyd evinced its incomparable motivation by once again fielding half of the KELROF teams (this year, 1 of 2).

So many images, so little space. How can one ever verbally convey (among many other plays)

— the strong, consistent pitching of **Doug Peterson** in softball?

— **Ben Funk**, playing goalie in soccer, deflecting a shot on goal with his head while lying on the ground?

— **Rob Rickenbrode's** dramatic rookie performances in the backstroke and medleys, and **Yuka Yonebayashi**, after telling everyone she wouldn't swim, suddenly appearing on the platform at the start of her event?

— the rock-solid ultimate plays of **Rob Grothe**, **Paul Socolow** and **Bruce Patton**?

— the spectacular first leg of the 4x400 relay in interhouse track, run by first-year superstar **Dan Sandoval**; fourth-place finish in the 200 by **Atulya Risal**, without using the starting blocks; the utter dominance of the middle-distance events by **John Freeman**?

— the towering leaps of **Brendon Lasell** in interhouse volleyball?

— the perpetually amazing play of **Larry ("Air") Ahle** in basketball?

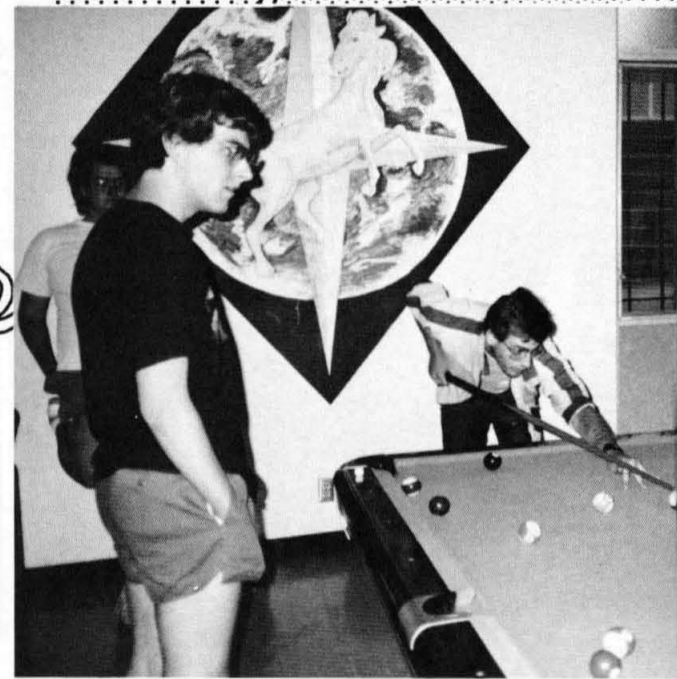
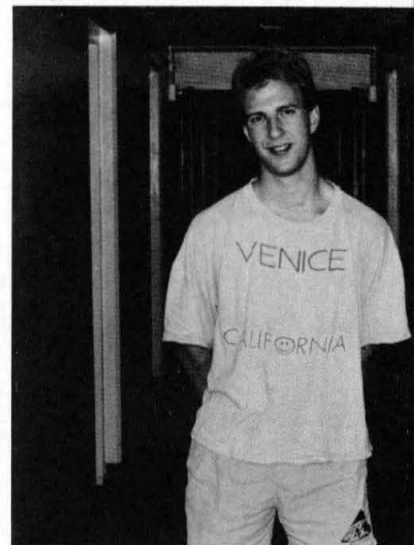
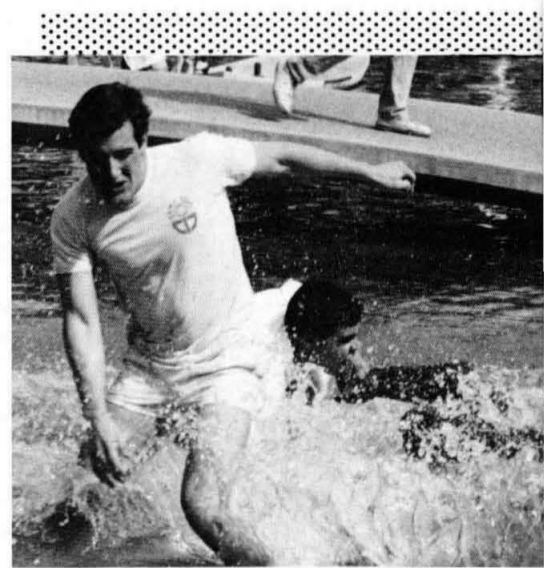
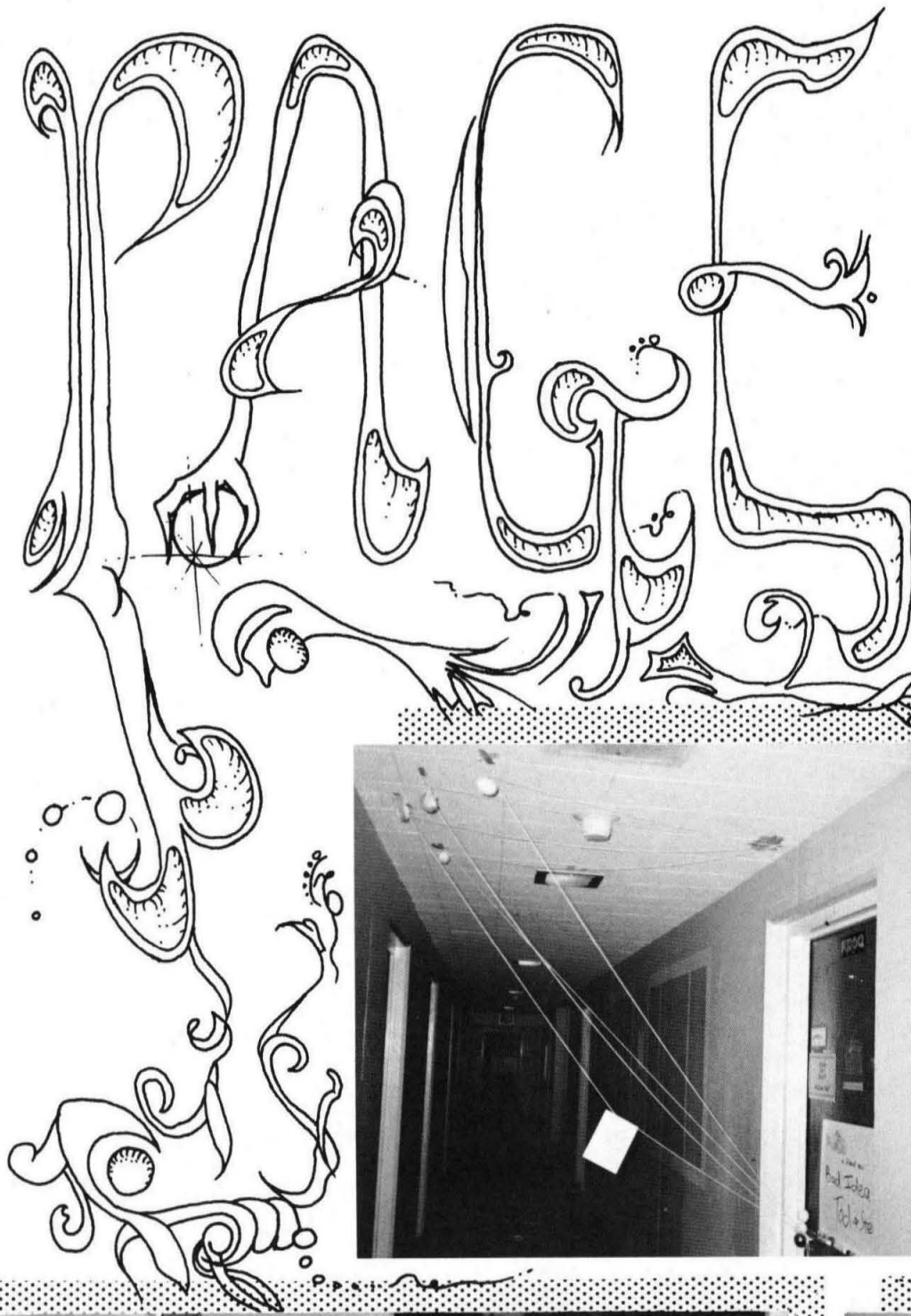
— the crushing tennis victories of **Diane Wong** and **Son Nguyen**, dynamite frosh sensations?

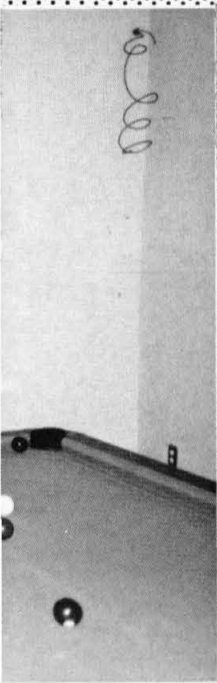
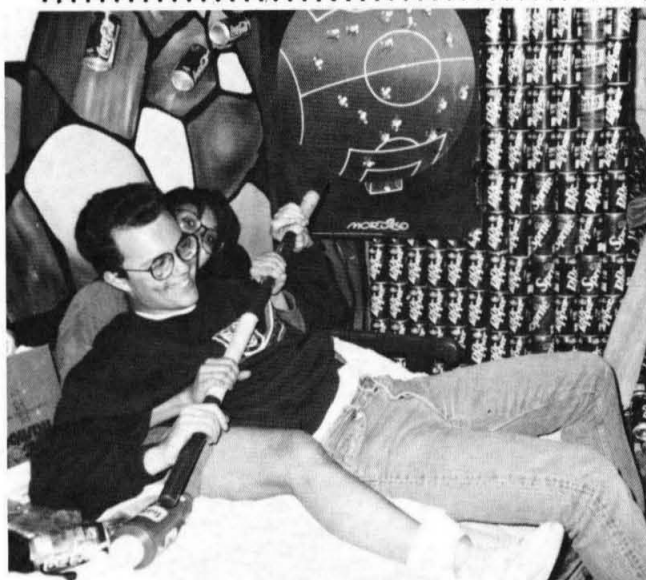
These were many of the highlights of Lloyd House athletics. And yet, they are only a part of the story. Glitz and glamor; guts and glory; celebration and sorrow; blood and sweat; pain and victory. The sportsmanship; the fan support; the good, clean fun. This was Lloyd House athletics. A year's worth of sports, a lifetime's worth of legends.

Editors: Michelle Tseng
Emily Wen

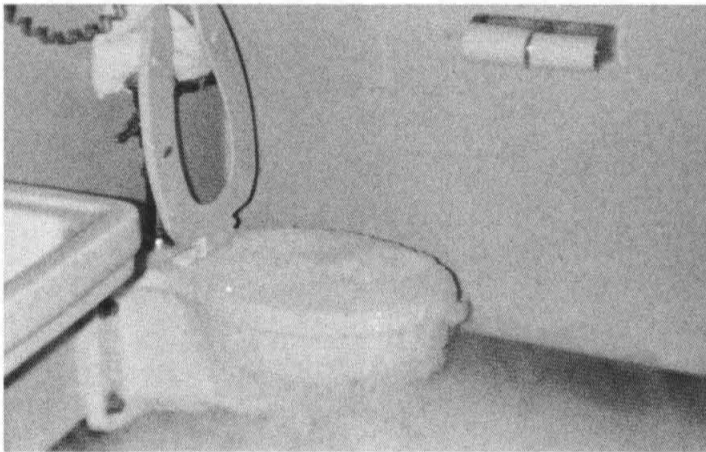
Writers: Brian Clendenin
Raif Majeed
the poor editors

Photographers: John Gass
Marcia Li
Mike Rozak
Craig Sosin
Michelle Tseng
Emily Wen





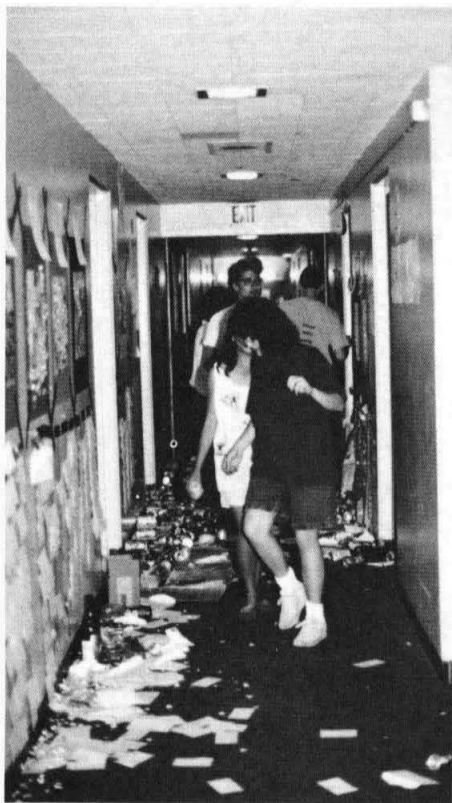
HOUSE



The new LN2-based liquid plumber in action



Greg gives Todd a hand up



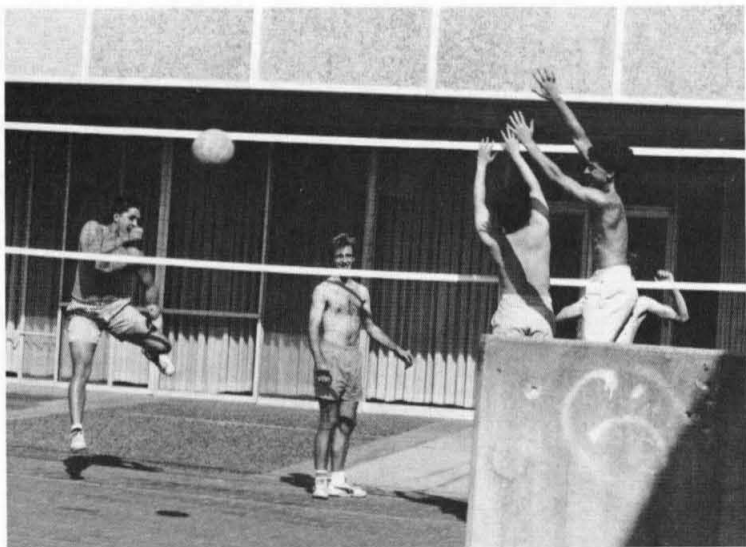
Gambling is not a problem at Caltech



Brett and Bart on Ditch Day



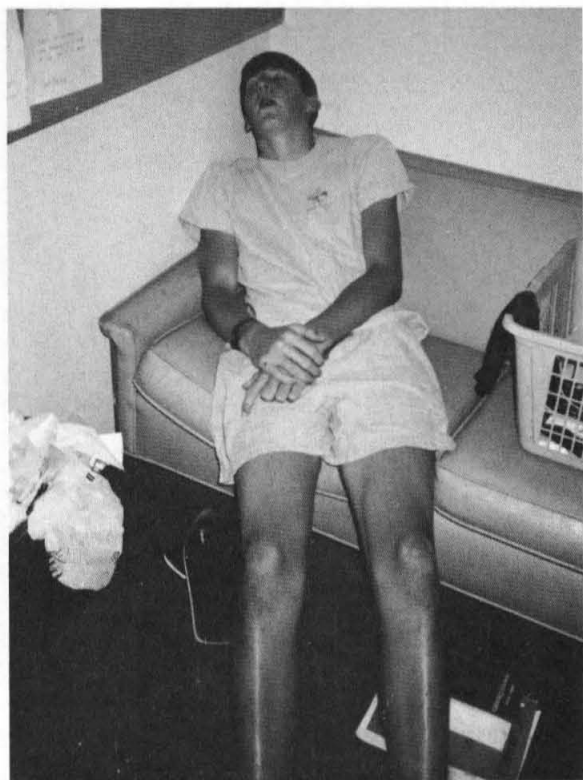
The Passing of the Presidential Mug



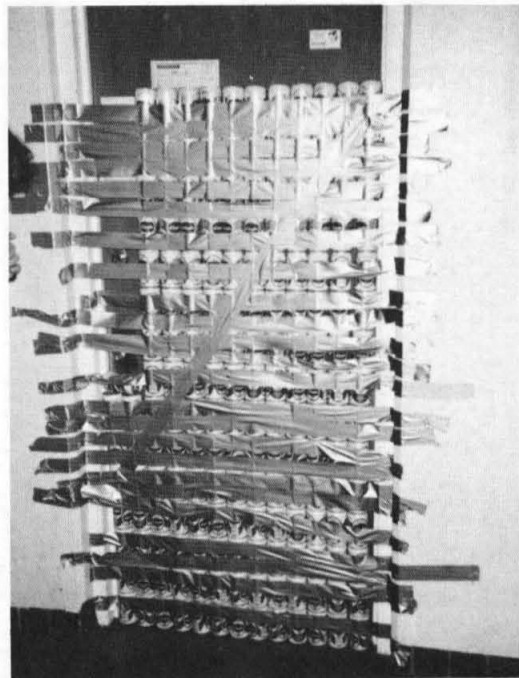
Don't have a cow, Liz



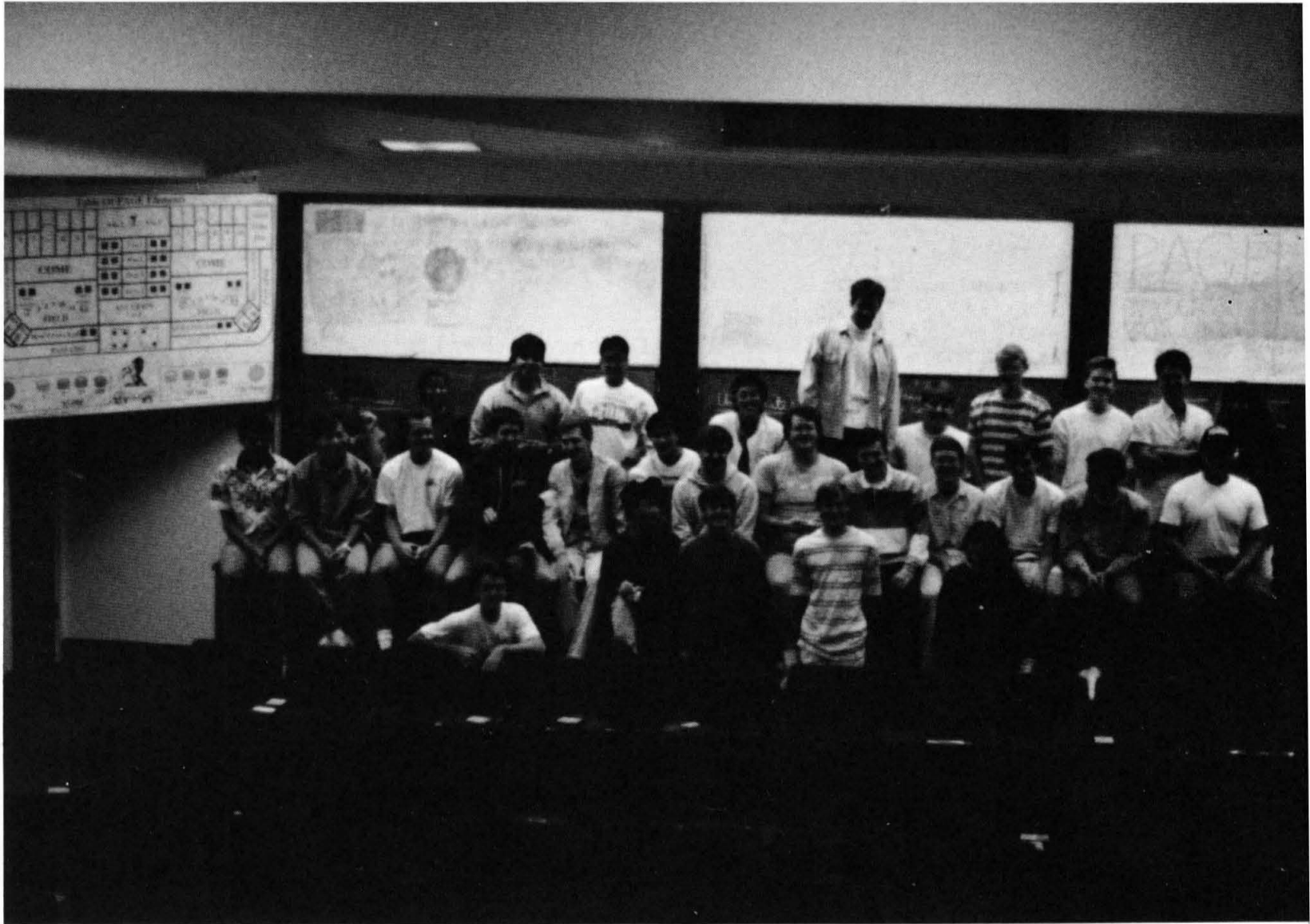
Aren't roompicks fun, Rob?



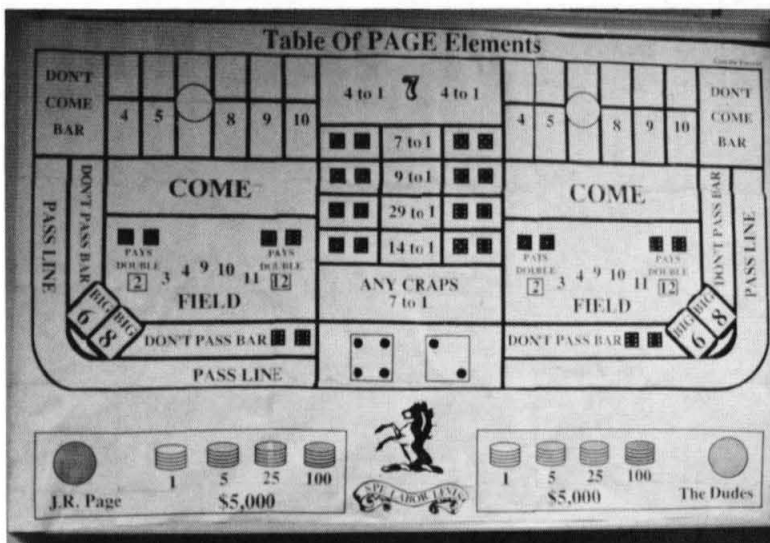
Happy Birthday, Todd

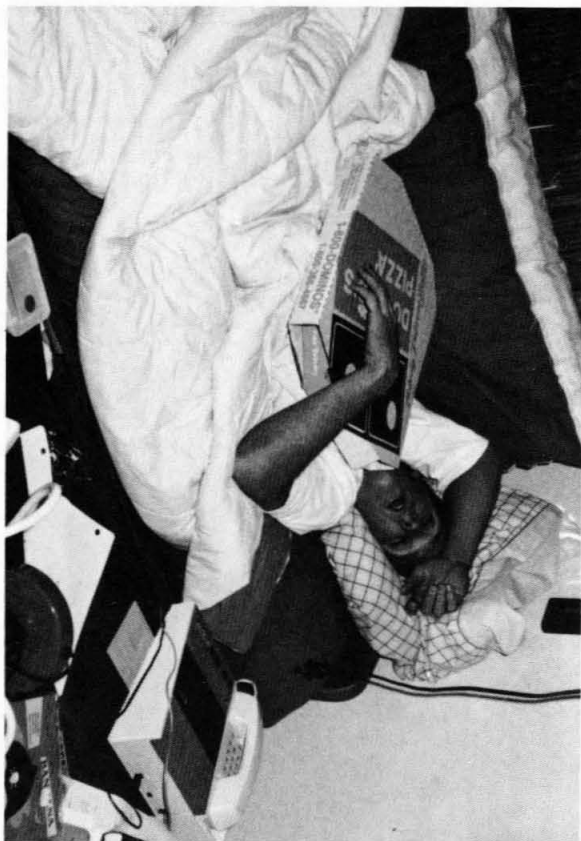


Freshmen

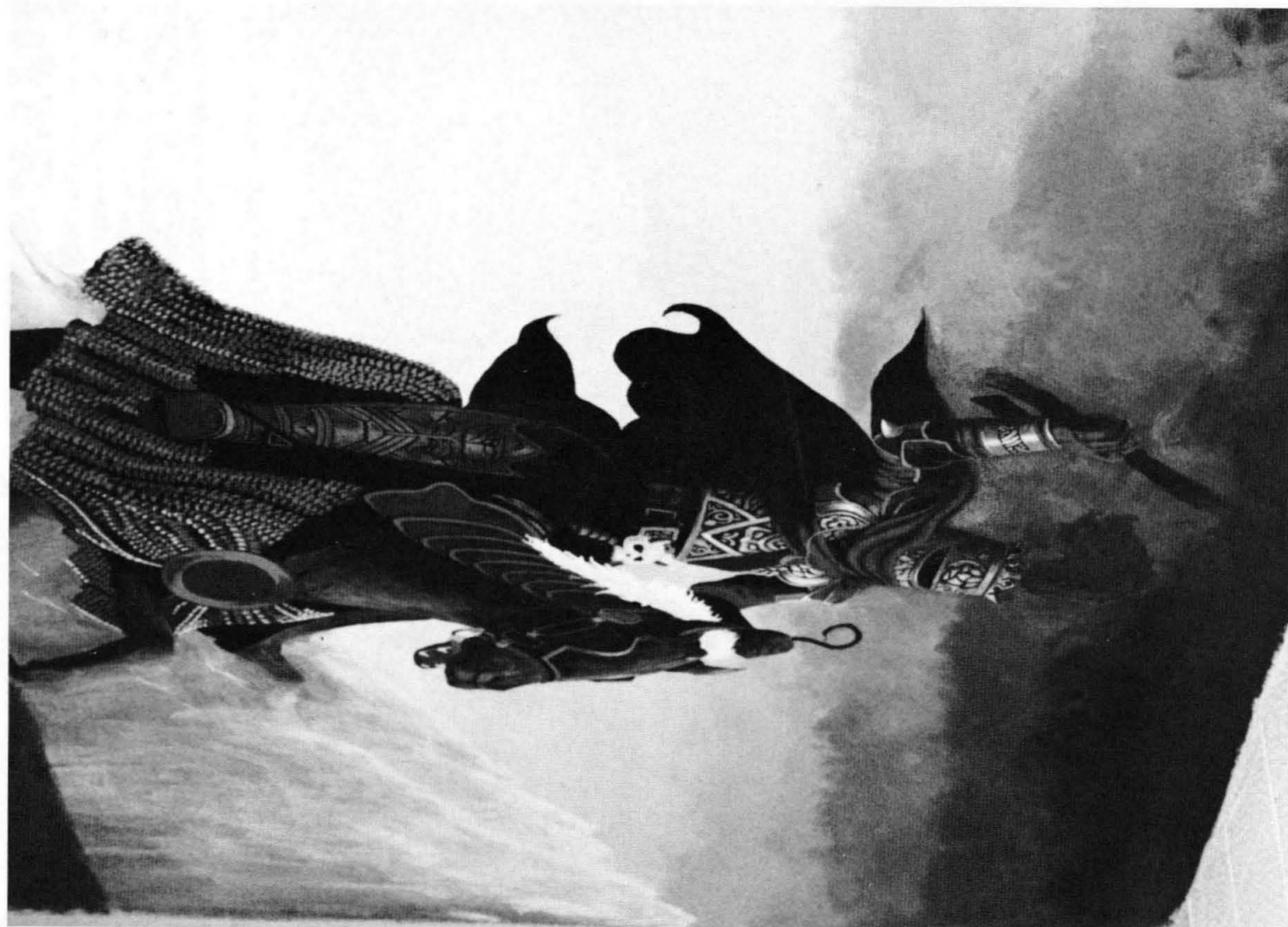


Back Row: Whye-Kei Lye, Snehal Adodra, Nitu Kitchloo, Anup Jatia, Hsiu-Hsien Ling, Jay Bromley, Jason MacLeod, Steve Marschke, Winston Chamberlain, Kevin Wang, Mimi Sengupta; **Middle Row:** Selaka Bulumulla, Yuan Tung, Todd McLaughlin, Greg Dudey, David Lande, Rich Chiu, Korhan Gurkan, Tim Firman, Matt Ashton, Nathan Frei, Doug Shiels, Paquito Gomez, Chon Torres; **Front Row:** Rob Whitely, Terry Chay, Paco Herrero, Greg Wardle, Anthea Howell; **Not Present:** Yan Fernandez, JP Kovalik, Charlie Kwon, Alla Lurie, Don Matsubayashi, Ali Mortazavi, Hoa Ngo, David Vaughn, Nathan White;





Sophomores



Lord Soth; **Not Present:** Jason Curtis, Dave Cutrer, Cris Daughjerg, Wayne Davis, Carl Feierabend, Matt Fields, Dan Flees, Gary Foote, Andy Fung, Chris Goddard, Hanna Hsu, Jimmy Hu, Nancy Hua, Joe Jensen, Jonathan Kawamura, Dan Ko, Rob Liu, Jerri Martin, David Max, Jason Modisette, Tamaki Murakami, Emmeline Naranjo, Mike Nassir, Ki Pak, Jonathan Pakianathan, Kevin Park, Jim Rogers, Dave Ross, Tal Schwartz, Grant Sitton, Lan Smith, Eric Stout, Al Sumiyama;



Juniors



Gary Eastvedt, Dave Merrill, Kitt Hodsden, Adam King, Mike Youssefmir, Steve Palm, Dave Emerson, Jinendra Ranka, Mike Ehlers, Mike Simpson, Robin Luckey, Barry Stipe, Atul Suklikar, Allen Corcorran, Eric Newman, Jun-Young Jeon, Brett Bochner, Scott Dolim, Varoujan Gorjian, Ed & Frank, Fred Upton, Steve Harkness, Dan Pang; **Not Present:** Boyd Bangerter, Sabeer Bhatia, Chuck Blake, Ajay Chheda, Mike Chou, Jonathan Chow, Dave Coufal, Walter Crim, Mike Deem, Jennifer Joh, Tom Kiefer, Keana Kim, Bruce Macartney-Filgate, Bappa Mukherji, Sandor Nagy, Cass Nakasone, Tuan Dinh Nguyen, Matt Paduano, Tan Phan, Rajeev Ram, Sergio Ruiz, Todd Schamberger, Mark Schmidt, Dylan Selegue, Brian Shim, Art Shmurun, Alex Wein, John Wendel;

Rebels Without a Cause?

Griffith Security to Pageboys: What the [Censored] do you think you're doing on that dome? Who are you?

Pageboys to G.S.: We're students from Caltech. We're taking a class photo for the yearbook.

G.S. to Pageboys: Well, get the [Censored] off. Do you know how much these things cost? Where do you live? I want to call your Professor or something.

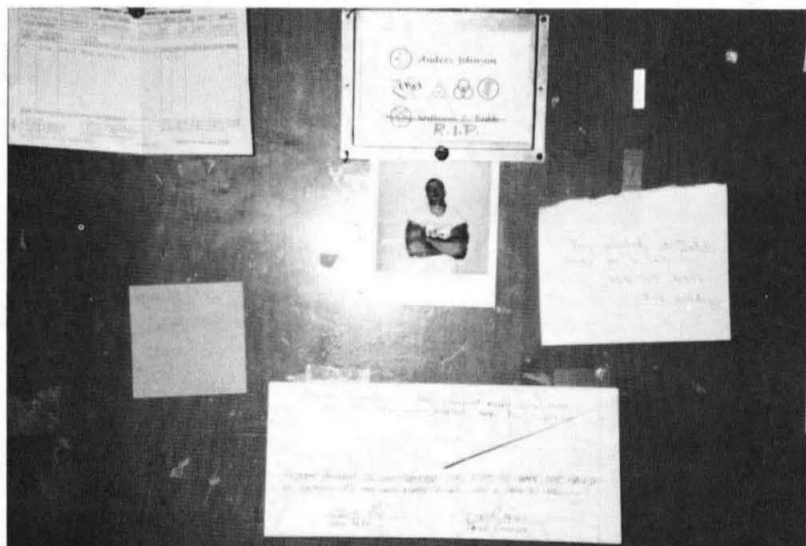
Pageboys to G.S.: We live in Lloyd... that's it, Lloyd House.

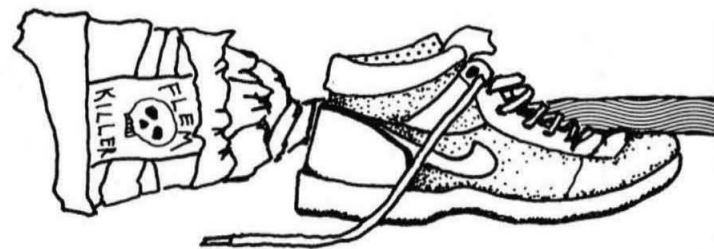
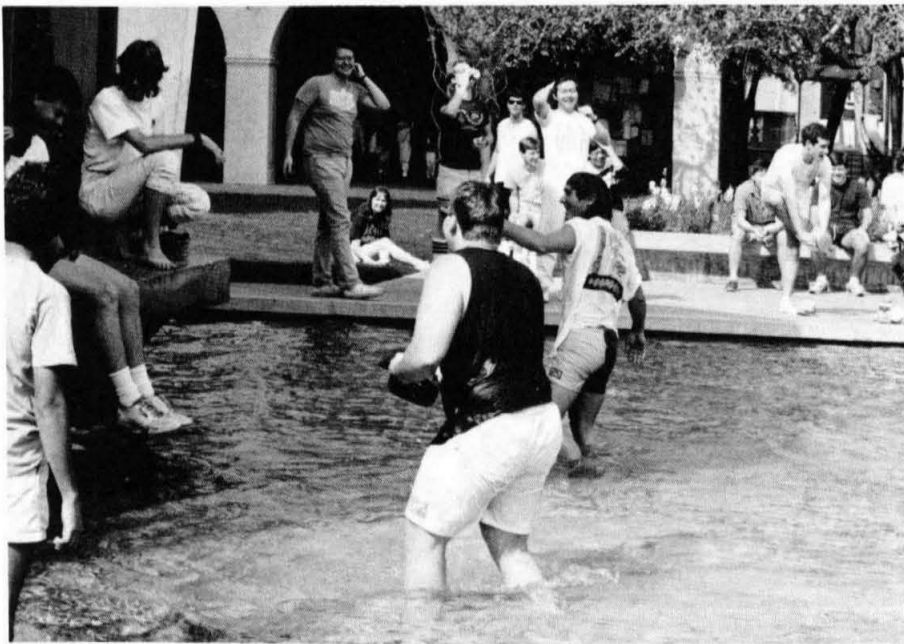
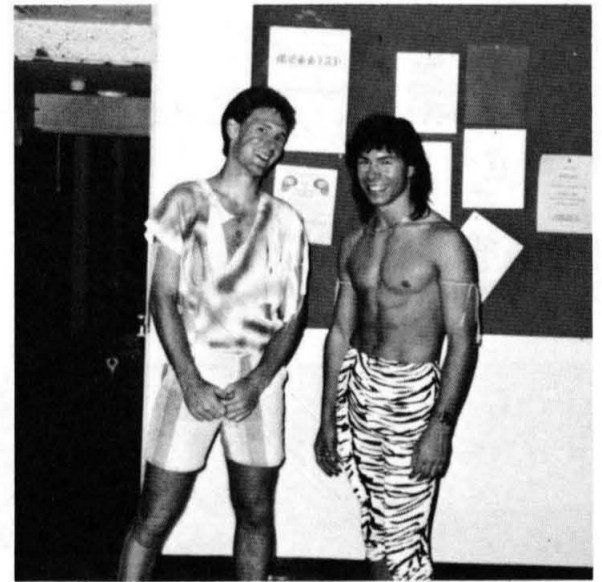
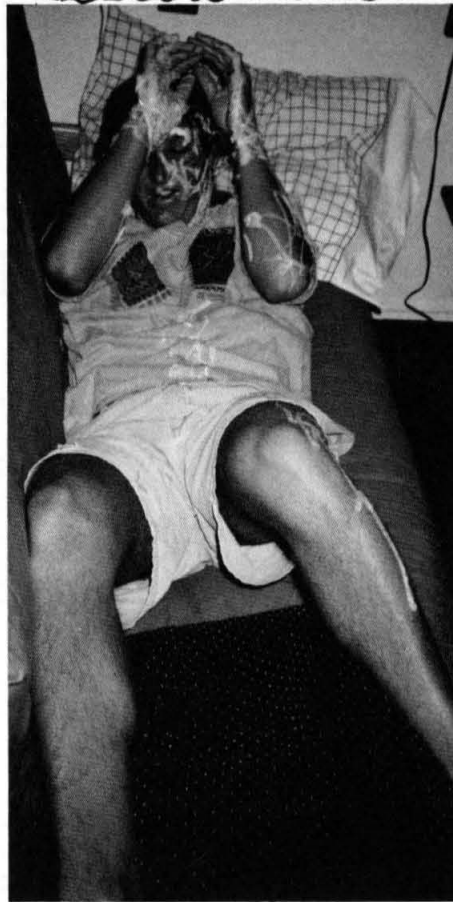
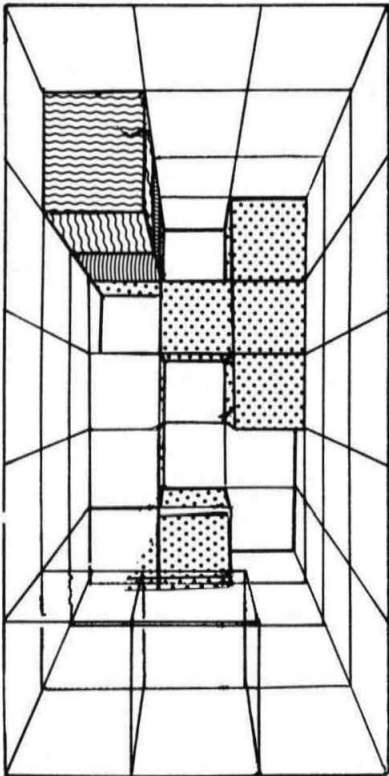
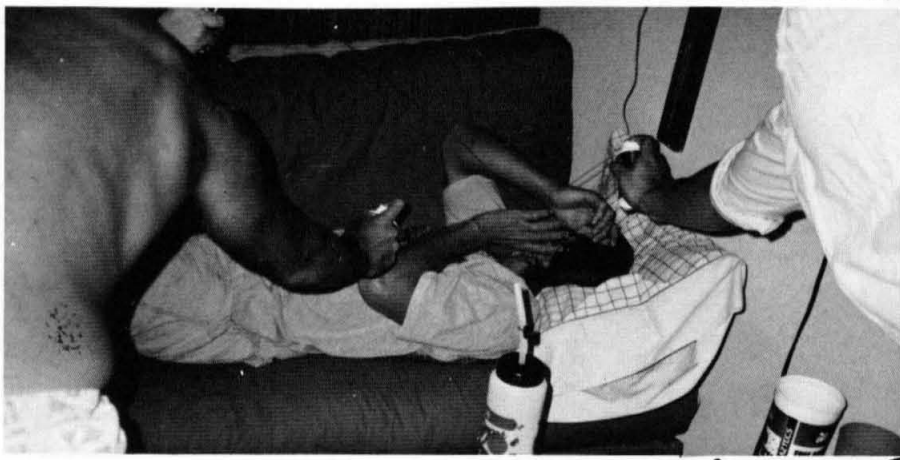




Anders Johnson, John Daly, Phil Fernandez, Mark Fey, Kate Loomis, Carver Farrow, Bill Cross, John Chen, George Fang, Jim Taylor; **Not Present:** Dimitrios Antsos, Syed Aamer Azam, Dwight Berg, Sandip Biswal, John Chen (the other one), Aditya Datta, Milind Gangal, Dave Garza, Mark Hause, James Ibbetson, Maneesh Jain, Jason Karceski, Jong Kim, Amit Lal, George Liu, Kate Loomis, Bob Maher, Aris Moustakas, Johnny Ng, Dean Oliver, Steve Perry, Kevin Pond, Gordon Pioreschi, Ed Ratner, Mike Salisbury, Kevin Van Bladel, William Wong, Xiaojian Yan;

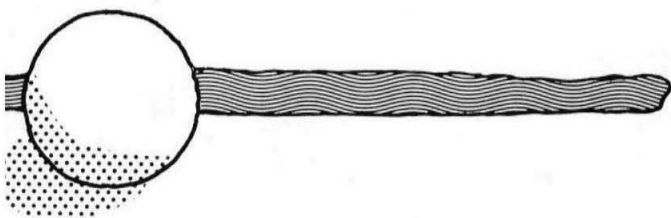
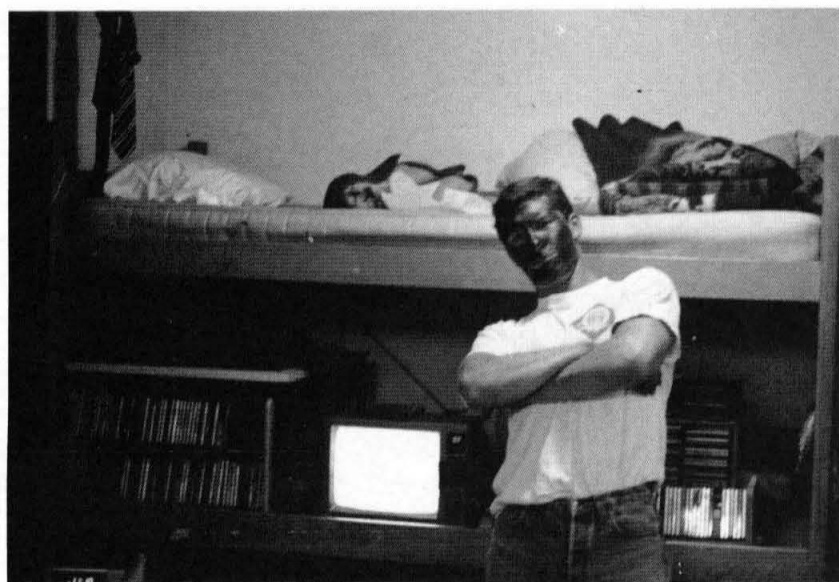
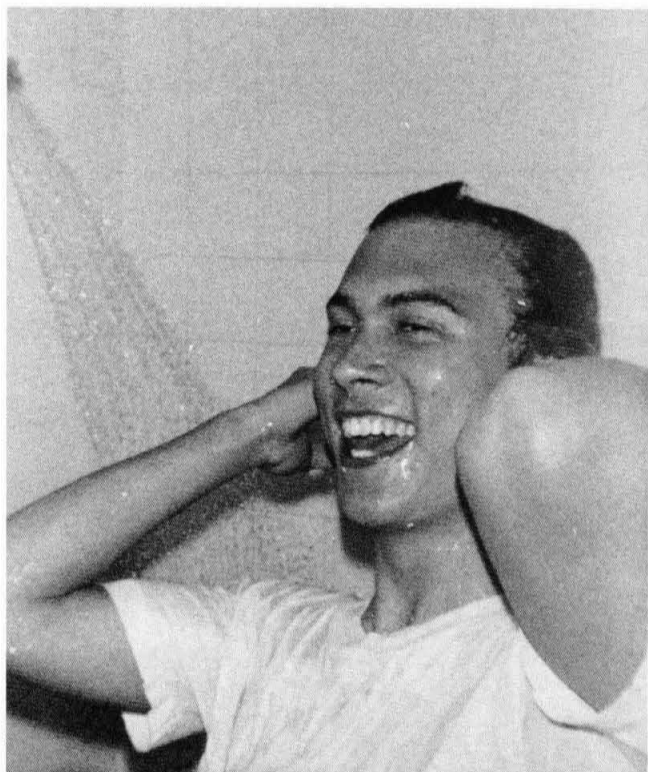
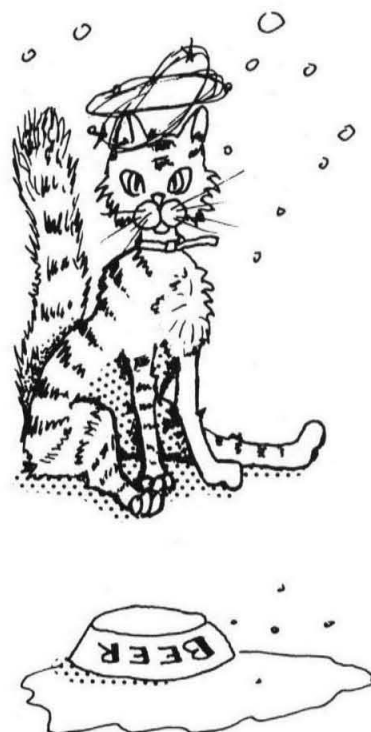
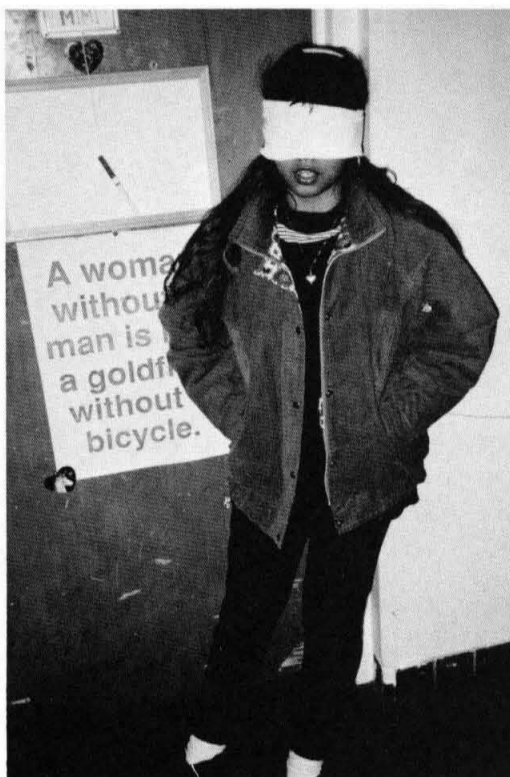
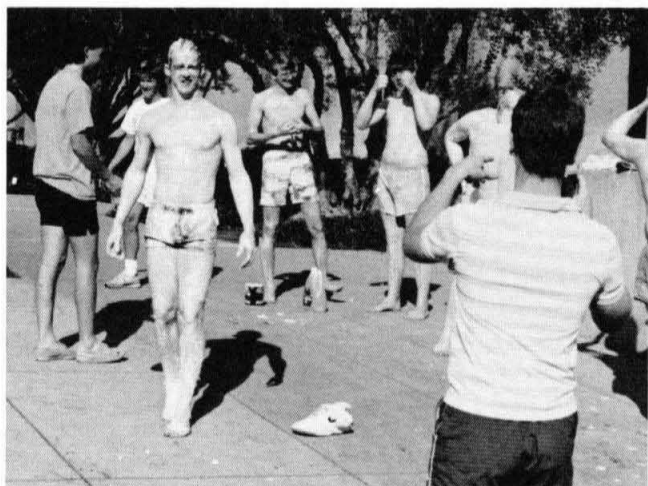
Seniors



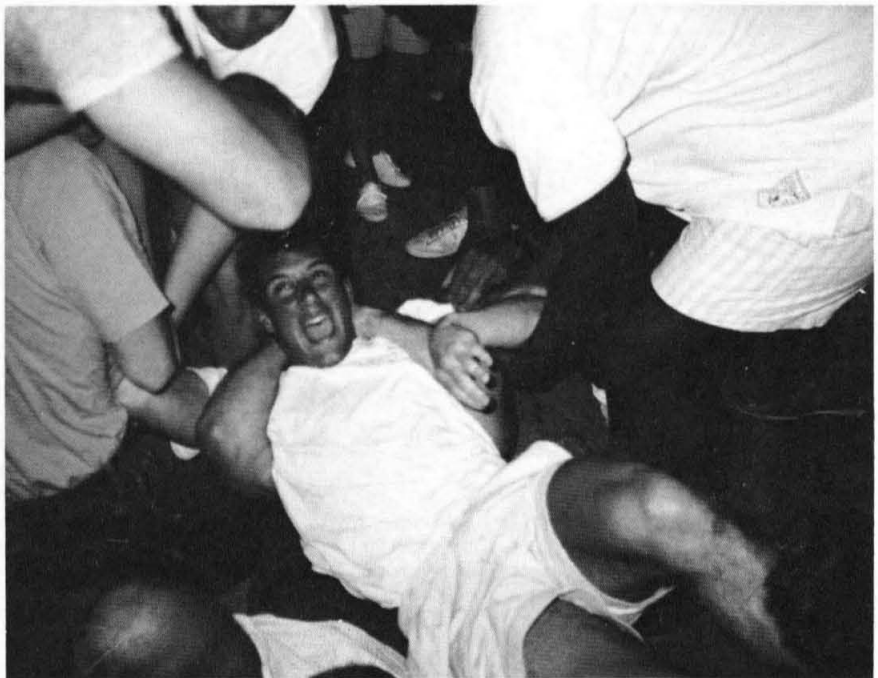
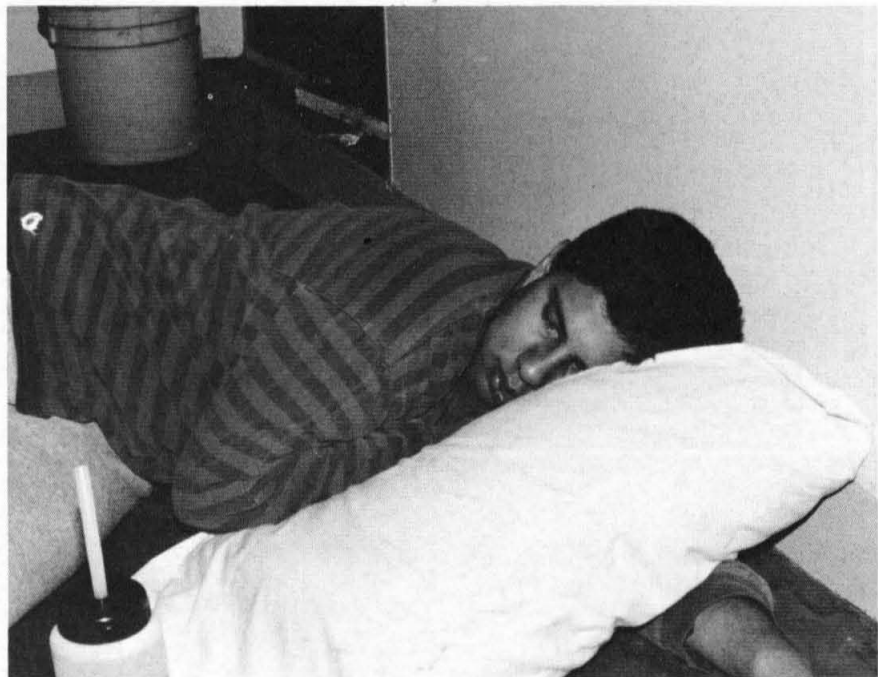




Greg prepares for a Phys lab



Page Bastards





Short Oriental Woman Tossing (for height, distance, and style)



The Yearbook staff (and friends) work diligently

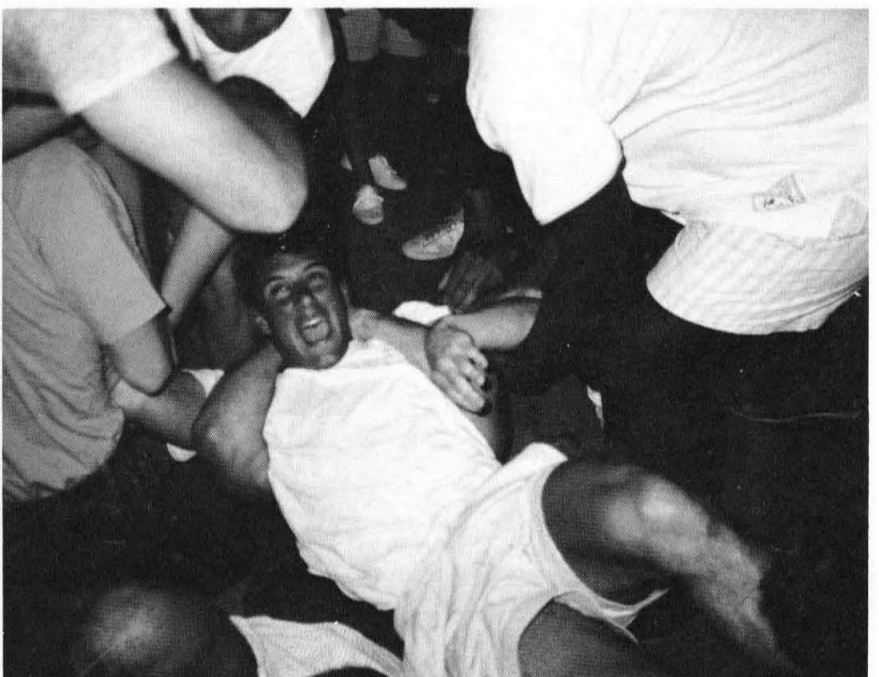
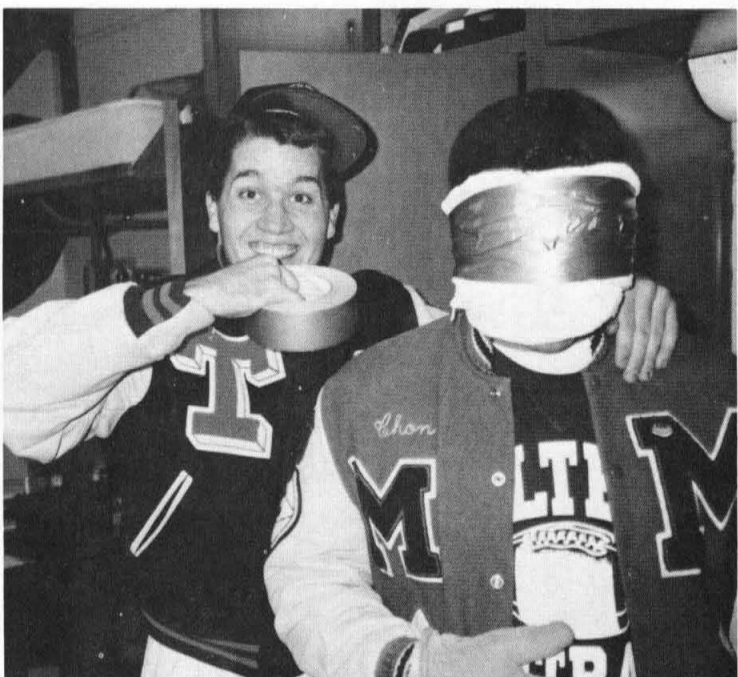
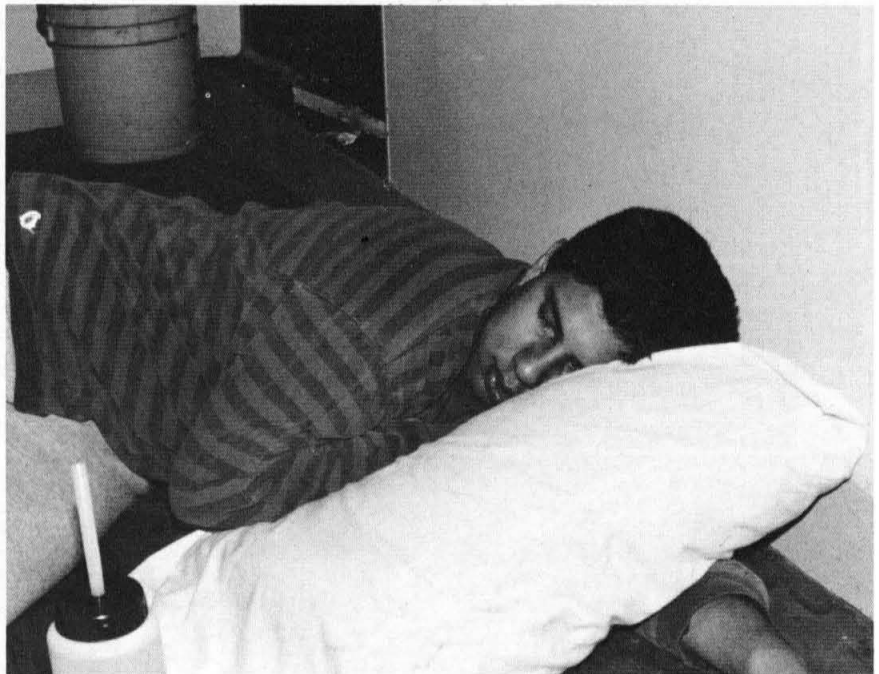
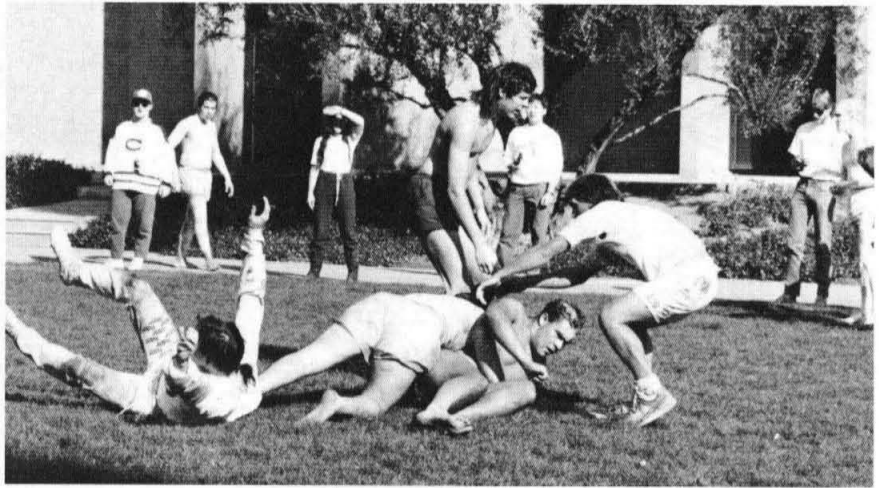


Mark welcomes Kitt to Page



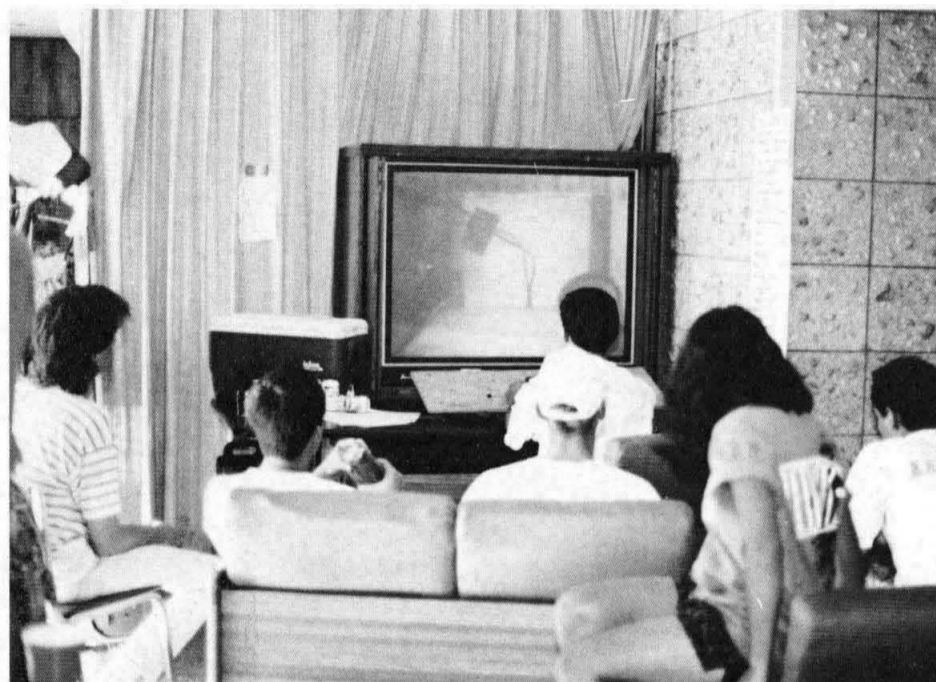
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| | Anthea Howell |
| Artwork: | Anthea Howell |
| | Jesse Munch |
| Photography: | Chris Goddard |
| Scott Dolim | Anthea Howell |
| Varoujan Gorjian | Rajeev Ram |

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Short Oriental Woman Tossing (for height, distance, and style)



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RICKETTS HOUSE

Welcome to the RHYS, a recollection of interesting and amusing events around Ricketts House during the past school year. So, let us start off with the beginning, eh?

Rotation spun by and a new batch of 27 frosh was duly washed into the house under the observance of our President Richard Reid. Dick Bob was second in power only to the Bust o' Justice at this event. But unfortunately, by the next morning this beloved symbol disappeared and was never recovered.

Heading on into November, the house gained a bumper crop of members as hordes fled Dabney to join Ricketts. The exact reasons for this are lost in obscurity, but are attributable to the excellent student-administration relations cultivated among the undergraduate community during the year. The ensuing fallout saw Ricketts become the new post of the Dabney Revolutionary Army as well as the new underground excomm.

Interhouse came with the wonderful new Fence-o-Matic(TM) installed by B&G just for the occasion. Despite the masses of high school students left to think up pitiful excuses such as "I'm a microphysics and high-energy biology major," the Ricketts theme of Death/ Graveyard/ Gates o' Hell was able to proceed unimpeded. Highlights of this glorious event included the gravestones commemorating the feelings of good will for the administration and the dining room pentagram. The pentagram was destined to remain with the house as a memento of this Interhouse as Ricketts' natural predilection for Satan-worship came out into the public eye.

Moving on into second term, the political might of the Bust o' Justice was superseded by an even more electable candidate, Angus Young. Running for every conceivable office, he was defeated by the narrow-minded thinking of those who believe that actual house members should be the officers.

Second term's main events were Apache and elections. Apache was most excellent, with the band and imported skanky babes making up for the somewhat toned-down nature of the festivities and lending a toasty, drunk, festive, dressy flavor to the otherwise oppressive term. March's elections resulted in Dick Bob turning the house over to Plu, Dinky taking up the duties of the VP, 'Los and Stu (Vito

and Guido) gaining control of the house funds, an RLPL as historian, and Akbar and Jeff as the new ath men. V&G quickly used their new power to set up the Ricketts House Beer Fridge, which was later turned over to private interests for administration.

Third term was ushered in with a large BANG when the Froosh Five attempted to blow up L.D. in retaliation for flipping the plates of Snatch. Of course, the L.D. froosh had nothing to do with the plates, and the resulting trouble was far beyond what they expected.

The next big event was PCDE, with its selection of pre-PCDE activities to whip the other houses into a state of frenzy. We tuned up in Dabney, protested Page, whacked Moles, picnicked in Fleming, rang the Brakedrum in Lloyd, and measured Ruddock's windows. And then, after those careful rehearsals, we caroled through the houses one early morning in May to vast critical acclaim. Unfortunately, the preparatory events were more fun than PCDE itself, but those who showed up for the early portions had a great time.

And we saw Ricketts get cultured, with a dress dinner, chamber music, and the grand opening of L'Alley D'Art, featuring the works of the artists, photographers, and musicians of the house. The momentous events of the day were reputed to have attracted several faculty members and nearly two-thirds of the house.

Finally, the long awaited Ditch Day arrived. Amidst the confusion of Dave Lomax's Kill Flaming Carrot (UT!) and Ross' Tarot card stacks, Froosh and others ran around fighting a war (Joe and Amanda's stacks), being Tom (Shroom's stack), and RFing other campuses (Geoff Pilling's stack). Other stacks included Kirk's Dr. Strangelove, Glenn's Al-Doriceothy (Alice in Wonderland/ Wizard of Oz/ Malathion theme), LSD's (Leopold, Scooter, and Derek) Dada, Bob and Rich's No-Stack(TM), Bhushan's Safe Sex, Meera and Satomi's obscure mathematicians, and Greg Harry's Dead stack. Food and fun were had by all, and I successfully included enough pistachios in my bribe to have a bag and a half left for myself.

Well, that's the year, and I'm out of here! A most extraordinary year, I must say...

—The Physics Messiah



1993- Freshmen (left to right, front to back:) Scott Townsend, Ina Brenneise, Amitabh Mehra, Julian Chen, Andreja Volenec, Leah Warner, Joanna Wills, Kirsten Babbitt (Dabney), Rajesh Bilimoria, Tristy Kibbey, Christopher Pluhar (Sr), Richard Reid (SSr), Debra Tuttle, Stuart Wagner, Preston Pfarner, Mike Oder, Tom Renner, Scot Fagerland, Sean Wetterer, Erik Taylor, Dan Lipofsky, Ward Burrows, Dan Smith, Walter Landry, Dan Dilling, Chad Roberts.



1992- Sophomores (left to right:) Jason Surace, Atiya Hakeem, Nathan Rockwell, Matthew Collett, Steve Sobelman, Ben Schaeffer, Paul San Clemente, Brian Chafin, Steve Hwang, Greg Hale, Dan Weaver, Julius Yang, Jason McElroy, Scott Bjerke, Paul Thienprasit, Karin Johnson, Jung Kim.



1991- Juniors (left to right, in computer room:) Alex Sugiyama, M. Kitt Hodsdon, Kim Flowers, Julie Yee, Joseph Bach, Sam Dinkin, Erich Schneider, Su-Lin Wu. (left to right, in pond:) Russell Manning, Charles Cook, Erich Schneider, Eric Candell, Sam Dinkin, ZhaoHong Li, Julie Yee, Lindsey Dubb.

RICKETTS

HOUSE MEMBERS

1990- Seniors (left to right:) Derek Slye, Joe Dadek, J. Kurth Reynolds (Jr), Kirk Hargreaves, M. Ross TenEyck, Christopher Pluhar, Geoff Pilling, Richard Reid (SSr), Tom Tromey, Scott Richman, Leopold Travis, Satomi Okazaki, Glenn Tesler, Michael Meckler, Dave Lomax, Meera Srinivasan.



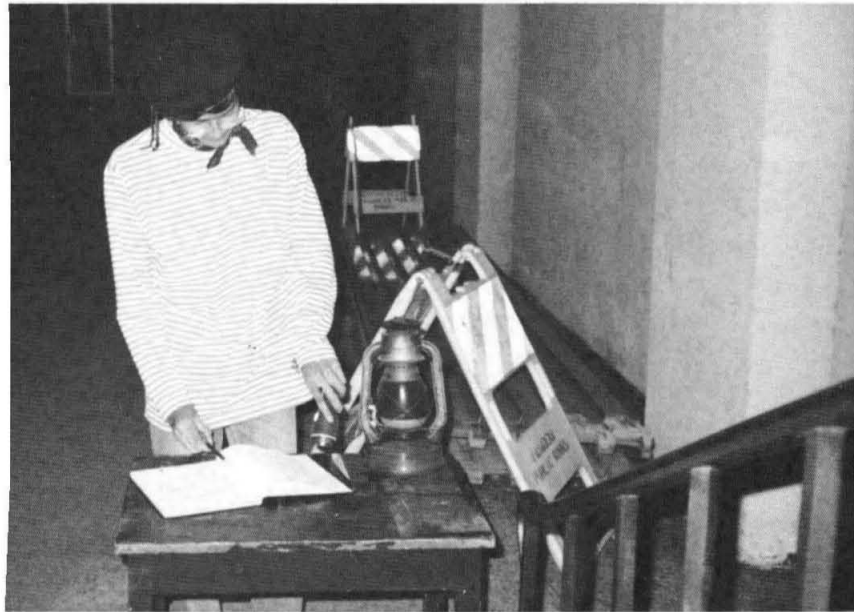
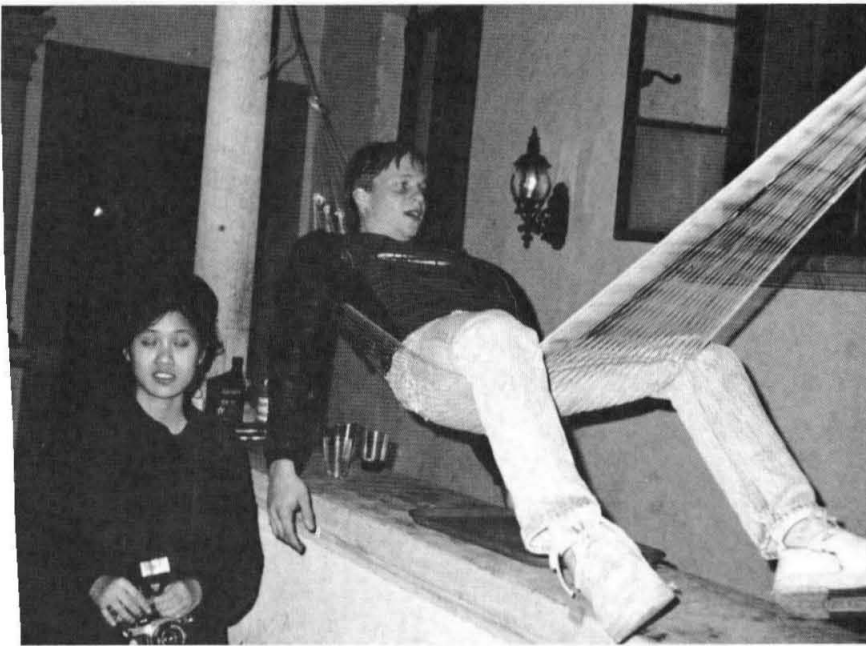


Irresponsibles- Makeup photo (left to right:) Beth Mammini (Fr), Frank Filipantis (So), Glenn Ammons (So), Ron Markey (SSr), John Hoskins (Jr), Monica Oei (Fr), Nick Biery (Fr), Christopher Pluhar (Sr).



The Last Supper- Waiters (left to right:) Zhaohong Li, Julian Chen, Amitabh Mehra, Stuart Wagner, Jason Surace, Atiya Hakeem, Carlos Ramirez (Jr), Dan Smith, Eric Candell (headwaiter), Paul San Clemente, Scot Fagerland, Paul Thienprasit, Erik Russell (Jr), Christopher Pluhar, Dan Weaver.

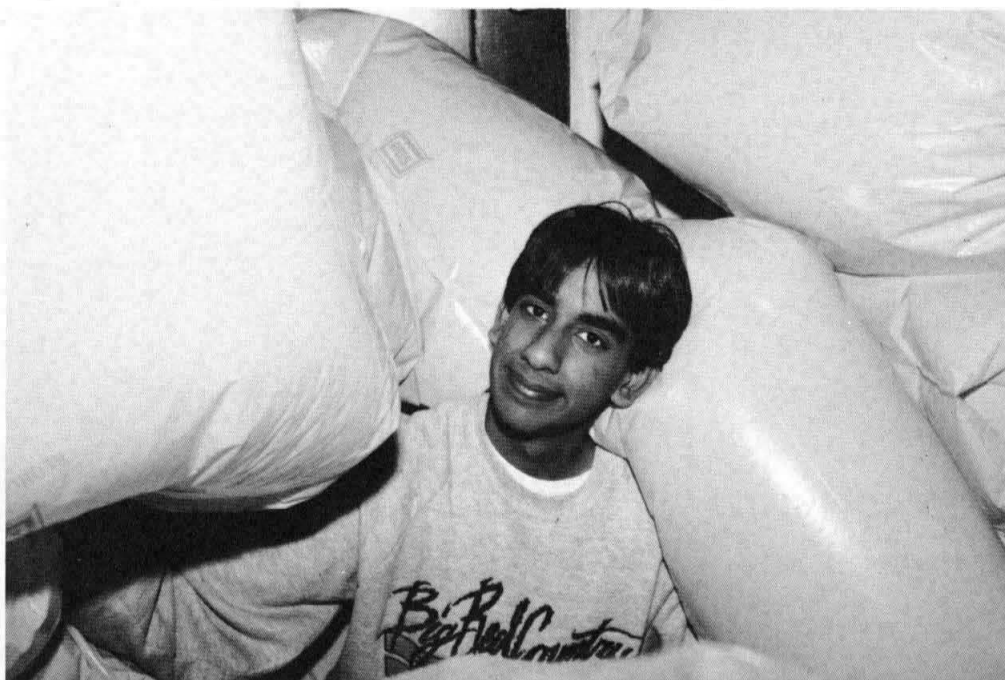
APACHE



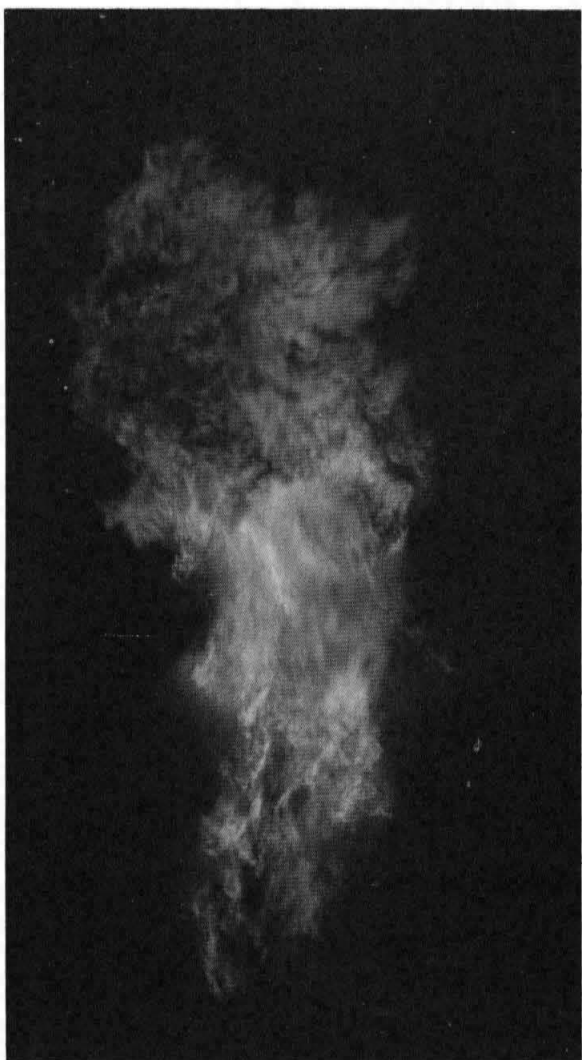
Top left: Toasted... Su-Lin's getting dizzy, and Jerry Hauck (Sr) is just wasted. **Above:** Julius signs the Apache roster before descending into the tunnels. **Left:** Happiness and drunkenness behind closed doors. **Lower left:** Kirk, our S.S. officer, at Apache? **Below:** Dan Weaver and Greg Hale cool down over a bottle of champagne.

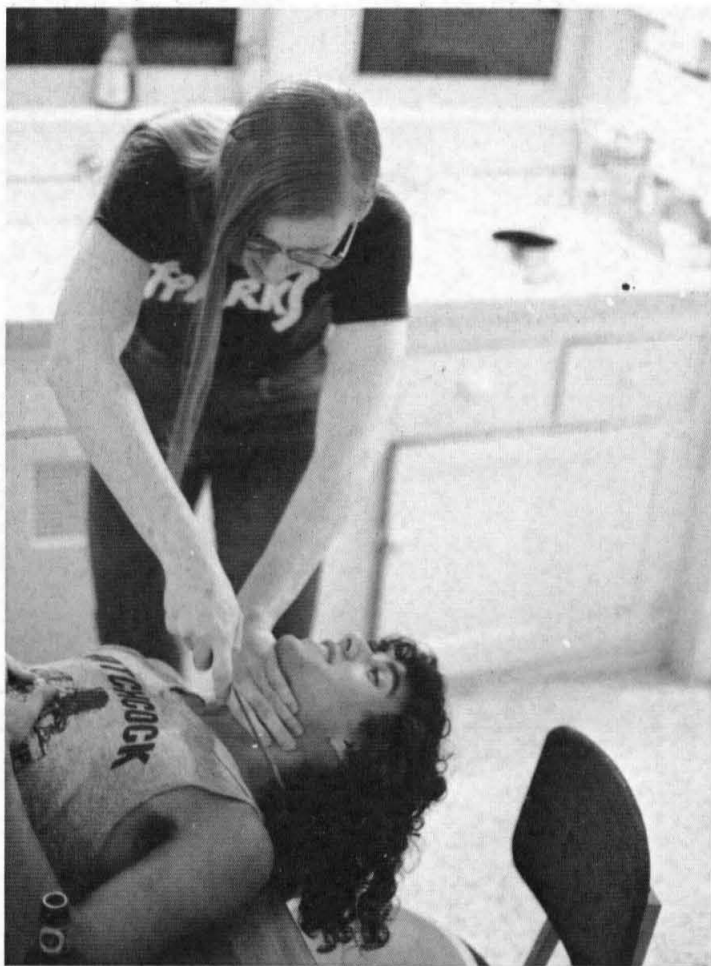
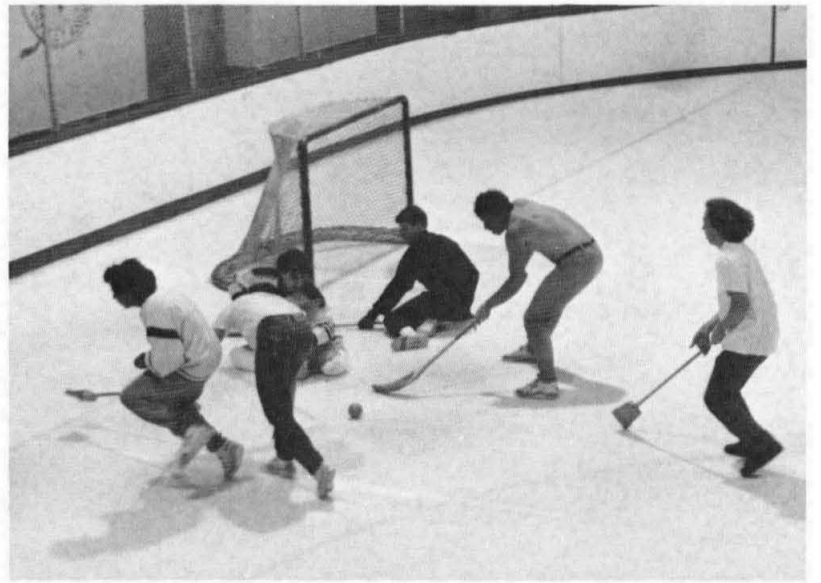


THE YEAR IN REVIEW



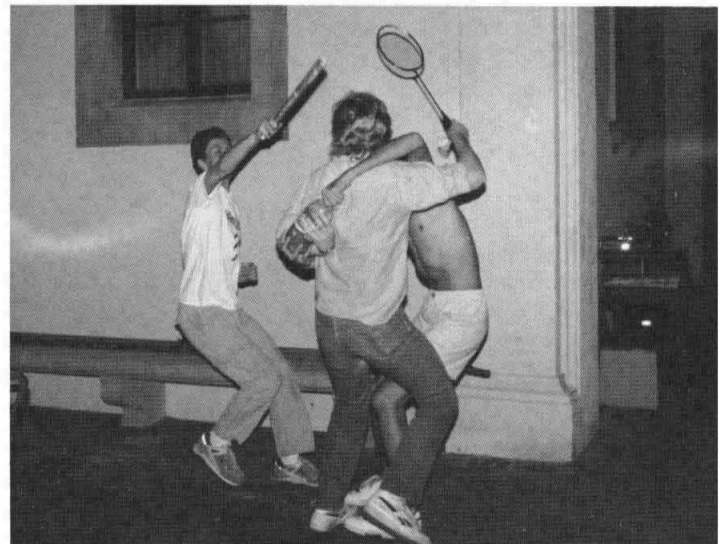
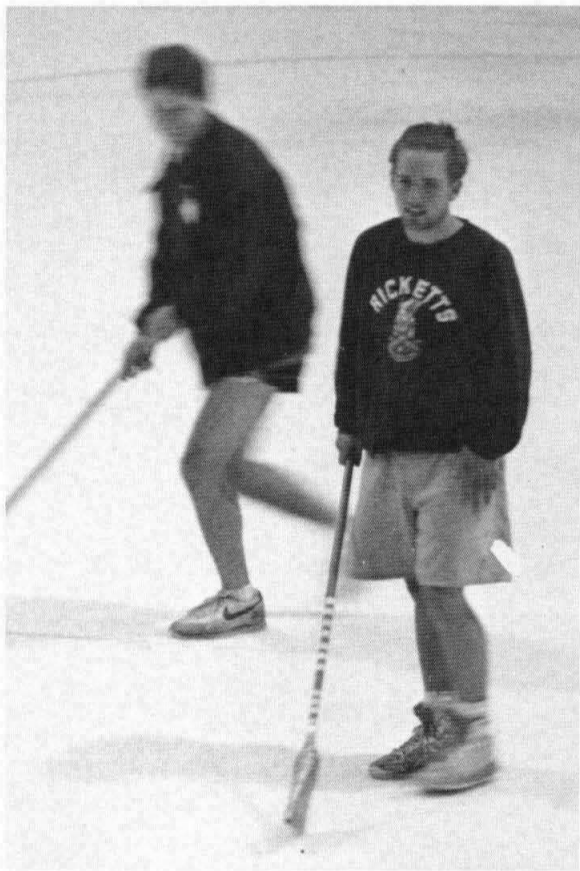
Above: Erik Taylor formulates his brand of peanut-butter sandwich philosophy. **Above right:** Amoeba (Amitabh Mehra) returns from Thanksgiving to discover his room bagged. **Center right:** Derek and Kirk pull Joanna toward the shower as Ben and Leopold tire of such mundane processes. **Below:** Light my fire. **Lower right:** Chad Roberts, Jennifer Dooley (Fr), and Scot Fagerland engage in pseudointellectual B.S.



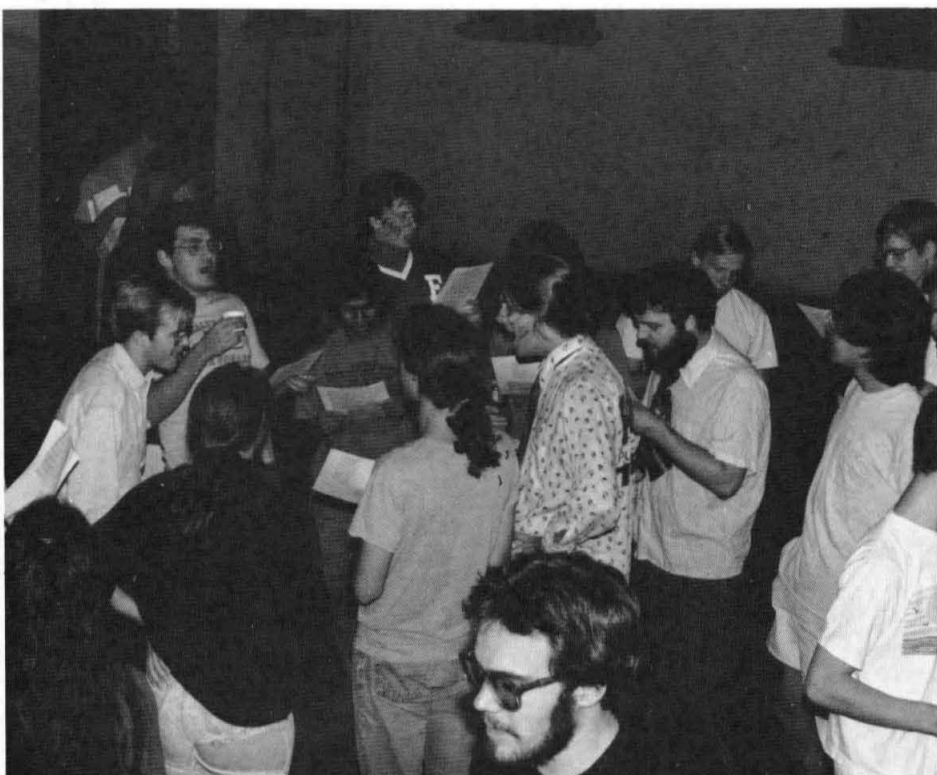
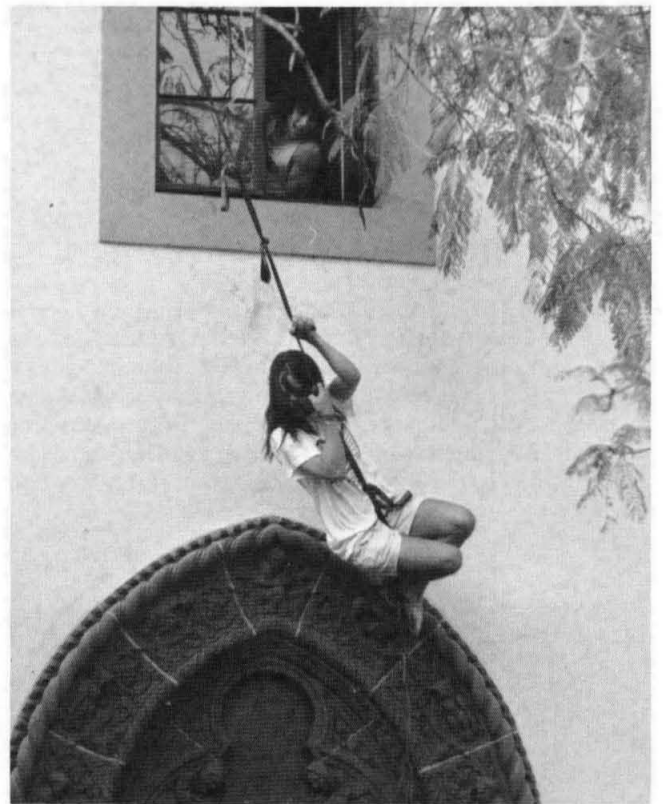
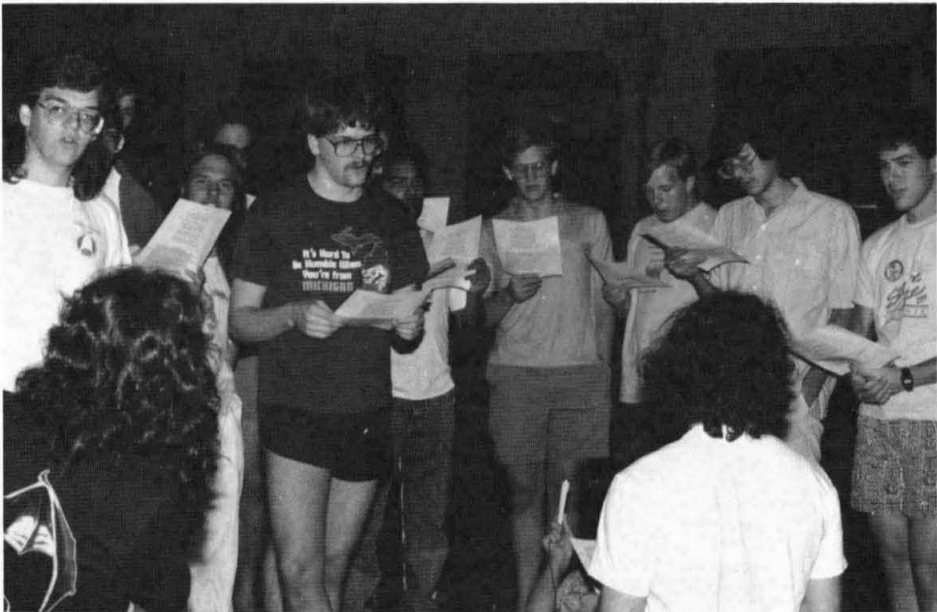


Left: Phallic, Alex. **Top:** The Damn Scurves attempting to score a goal in broomball. **Above:** Vito (Carlos Ramirez) and Guido (Stuart Wagner), loan sharks extraordinary. **Lower left:** Violence at Frame House erupts as Lynell Jackson (So) attempts to behead Gonzo (David Taub, Jr). **Lower right:** Erik Russell's artwork for Interhouse.

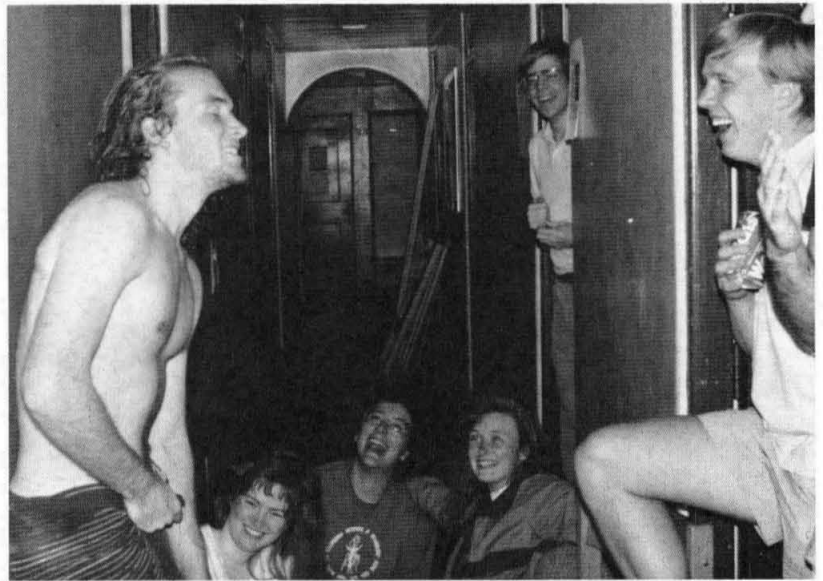
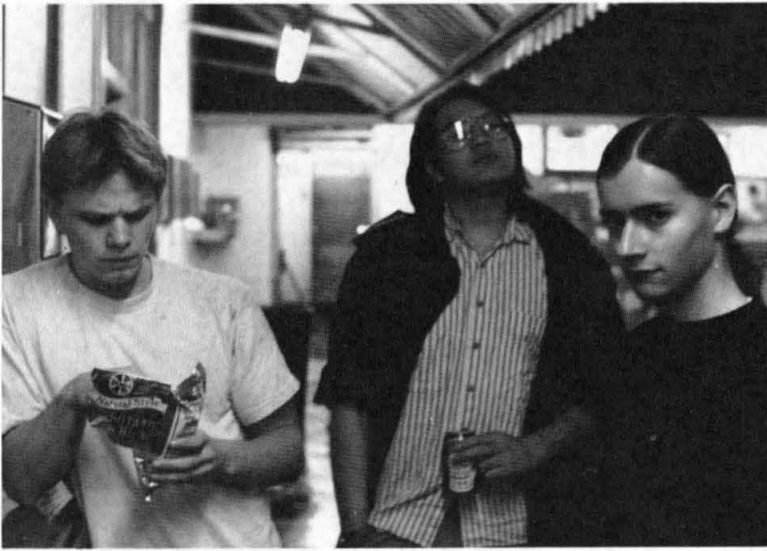




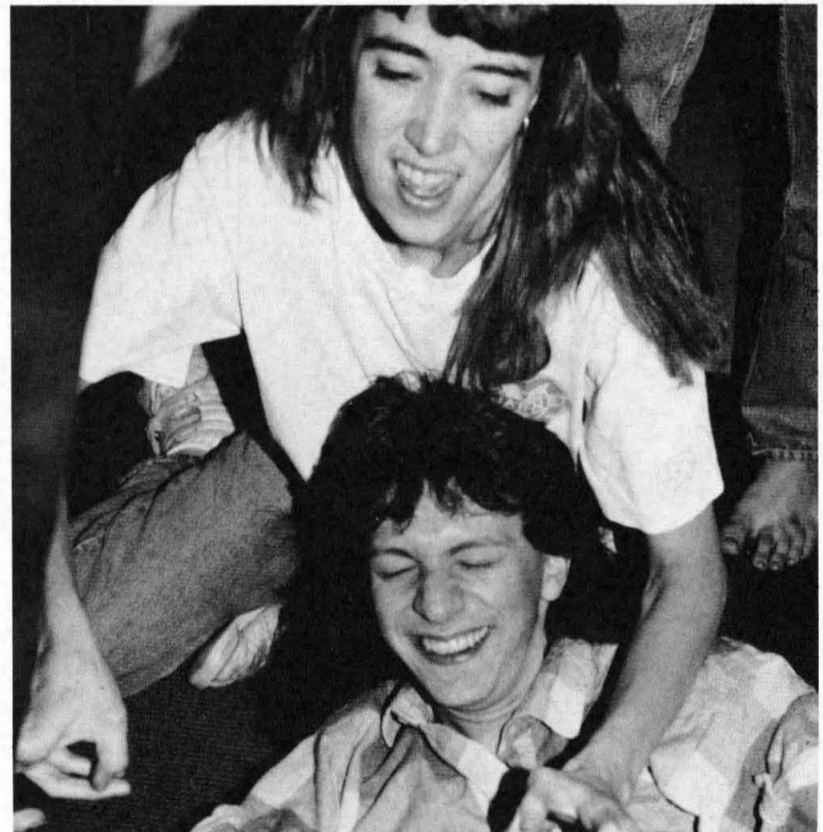
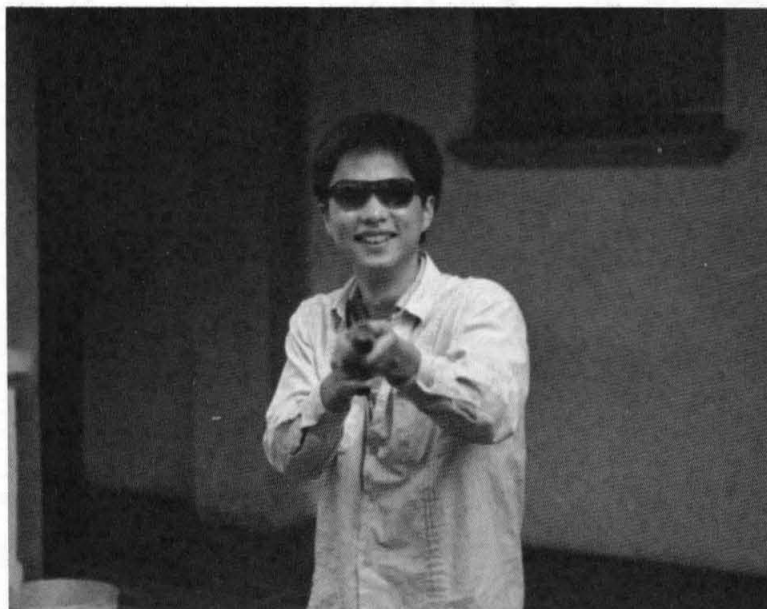
Top Left: Chris Campo (Jr) rushes by as Mark Lyttle (Jr) grows disoriented on the ice. **Top right:** Amit dumps mopwater on the traitorous Greg Hale in the first mega-float of the 1990's. The scene is almost too disgusting for Carlos, Pablo, Jason, and Scot. **Above:** Helen Cheng (Jr) in one of her rare appearances. **Right:** The pentagram, cow head, Bob the Marlin, and headwaiter Eric preside over dinner. **Lower right:** Scott Bjerke tries to break up the Julius/ Mole tie-up at whack-o-mole.



Upper left: In contact with a life-sized bear (Steve Sobelman): Lindsey Dubb, Stuart Wagner, Jason Surace, Ross TenEyck, Felicity Wong, Gonzo Taub, Nathan Rockwell, Mike Oder, Charles Cook, Joe Dadek, Rob Ferber (Jr), and Erich Schneider. **Top:** Stuart Wagner discovers that Rud-dock's windows measure 6.4367 Dick Graysons. **Center left:** Lindsey Dubb conducts as the Scurves warm up their voices by caroling in Dabney House. **Above:** Wally jumps out the second floor window of Herc. **Lower left:** The Scurves gather for PCDE.



Upper Left: Erik Russell, Pablo Thienprasit, and Leopold Travis in various mental states at Tommy's. **Upper right:** Alex refuses to pay his \$120.55 housebill, so Vito employs less subtle tactics. **Above left:** After the bombing: Nick Biery, Dan Lipofsky, Sean Wetterer, Preston Pfarner, and Tom Renner face the music. **Right:** Anti-feminists Leah, Lisa, and Joanna surround Nick to Sean and Dan's amusement. **Lower left:** Zhaohong, our Mafia hit man. **Lower right:** Kitt drags Scot into the shower.





Above: Elections night, March 1990. **Below:** Eric Candell improvises on his guitar while contemplating his upcoming journey to China.



Credits

Section Editor
Main Text
Photography

Artwork

Julian Chen
Joe Dadek
Julian Chen
Glenn Tesler
Erik Russell

Thanks to Matt Kidd (Blacker), Jason Surace, Glenn Tesler, and Stuart Wagner for help with film developing and layout. Thanks to Curt Hagenlocher (Big T editor) for typing.

House Officers, 1989-90

President
Vice-President
Social V.P.
Treasurers

Secretary
Historians

Librarian
Athletic Managers

Social Team

Rich Reid
Christopher Pluhar
Alex Sugiyama
Mike Meckler
Su-Lin Wu
Kitt Hodsdon
Amanda Heaton
Glenn Tesler
Sam Dinkin
Frank Filipantis
Paul San Clemente
Eric Candell
Bhushan Mudhbary
Nathan Rockwell
Mary Rowe
Derek Slye

House Officers, 1990-91

President
Vice-President
Social V.P.

Treasurers

Secretary
Historian
Librarians

Athletic Manager

Social Team

Food Representative
R.A.

Christopher Pluhar
Sam Dinkin
Erich Schneider
Jason Surace
Carlos Ramirez
Stuart Wagner
Lindsey Dubb
Julian Chen
Scott Bjerke
Atiya Hakeem
Amitabh Mehra
Erik Taylor
Tom Renner
J. Kurth Reynolds
Nathan Rockwell
Steve Sobelman
Debra Tuttle
Luca Cortelezzi

OFFICIALLY



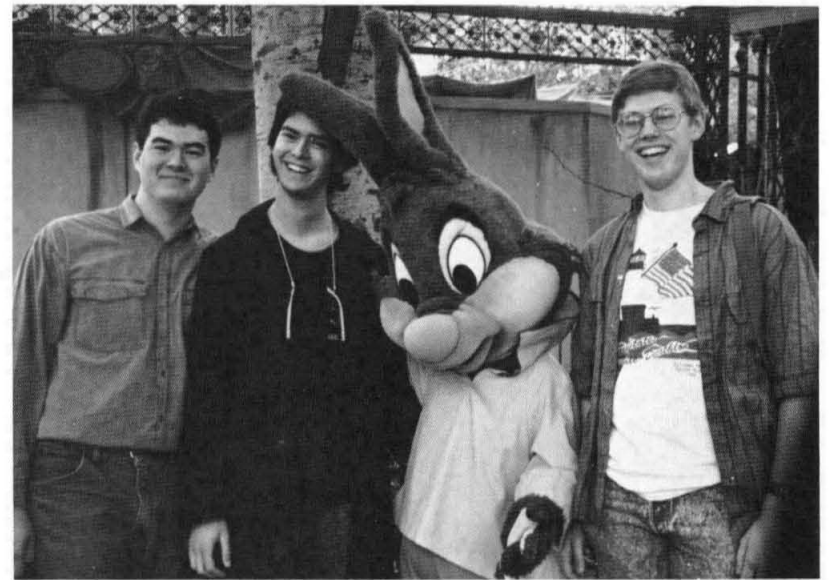
New Excomm: Melissa Li, John Bomberger, Richard Song, Kris Blouke, Chris Martin, Amy Hansen, Andy Crews, Celia Ng, Larry Cheng.



Old Excomm: Roger Tang, Nik Joshi, Annetta Papadopoulos, Delwyn Gilmore, David Proctor, Dave Peterson, Chris Martin, Celia Ng, Larry Cheng, Yun Loh, John Liljeblad.



UCC's: Ben Chew, Ted Mlynar, Dave Carta, Kathleen Kraemer, Dave Risher, Leonard Chen.
below, **More Mousketeers:** Larry Cheng, Celia Ng, Nancy Hong, Alex Duncan, (back) Keith Os-
lakovic, T.J. Creath

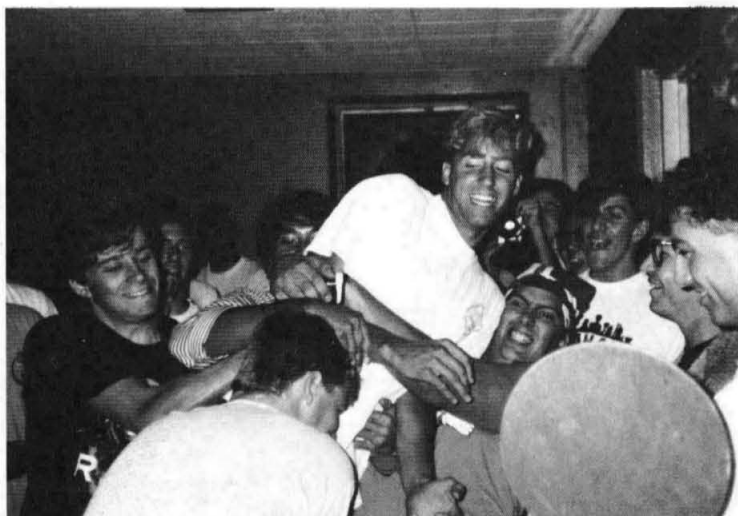
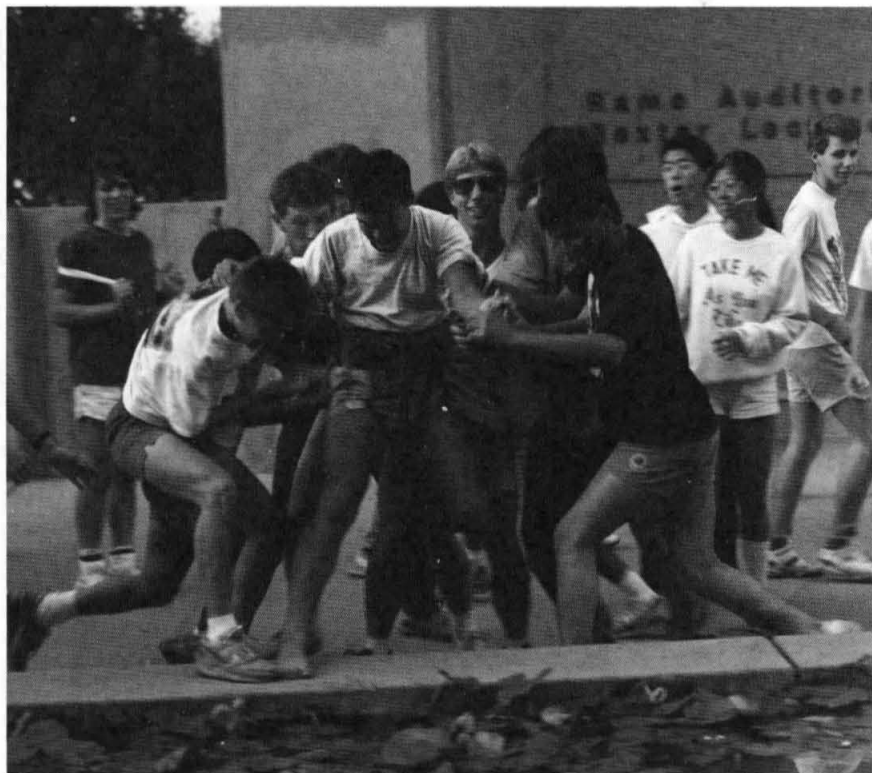


Mousketeers: Ed Etzkorn, Keith Langer, Brer Rabbit, Jeff Foust



Enforcers: Jon Liljeblad, Chris Martin, Dave Proctor, Milton Tinkoff.

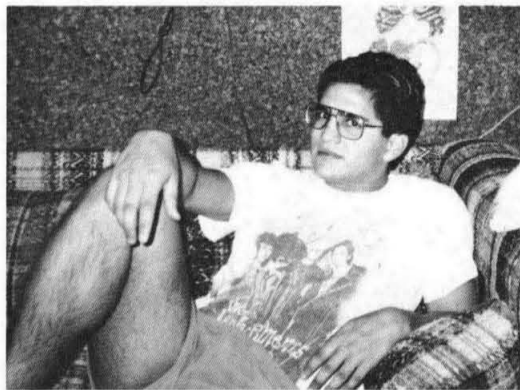
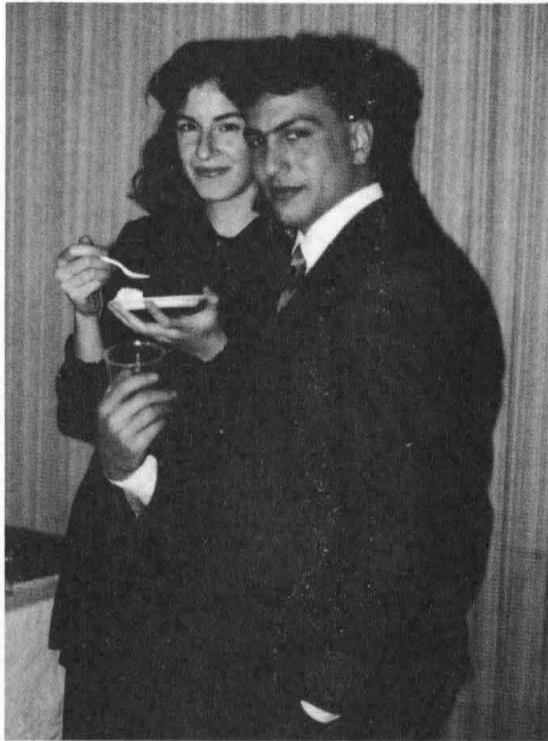
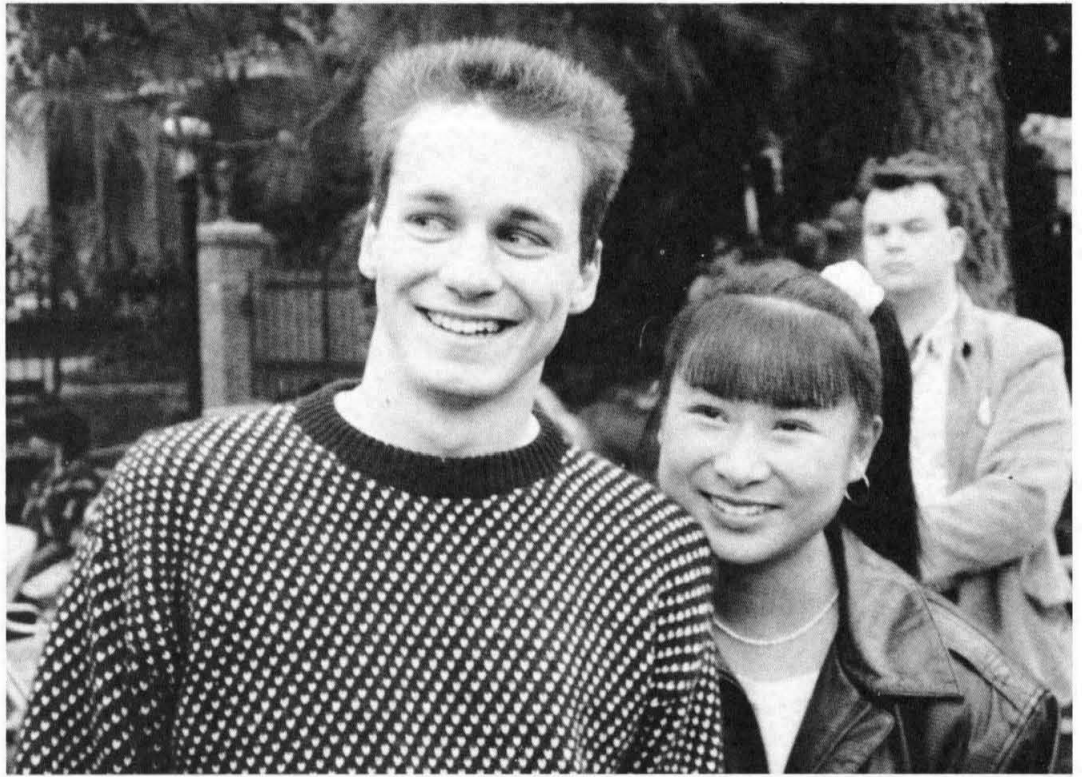
RUDDOCK

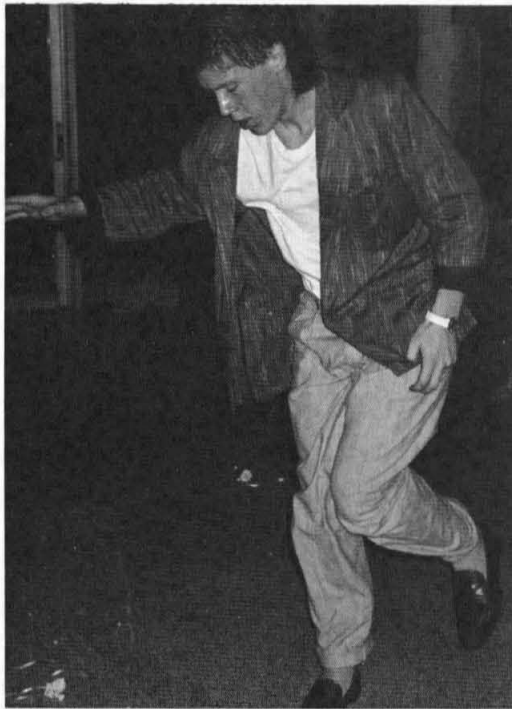
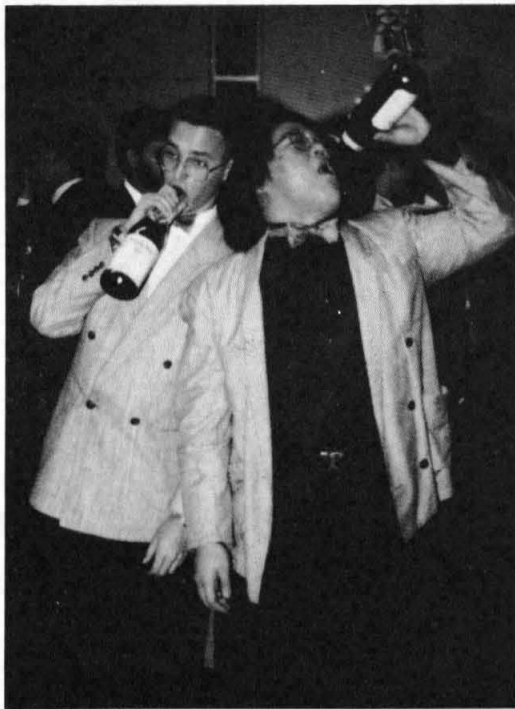


Above: Neal Bangerter learns his first lesson on showering. At the end of Rotation Week, Frosh get officially welcomed to Ruddock House. Andy, John, Duppy, and Milton watch as Mateo and several others drag Neal to the showers.

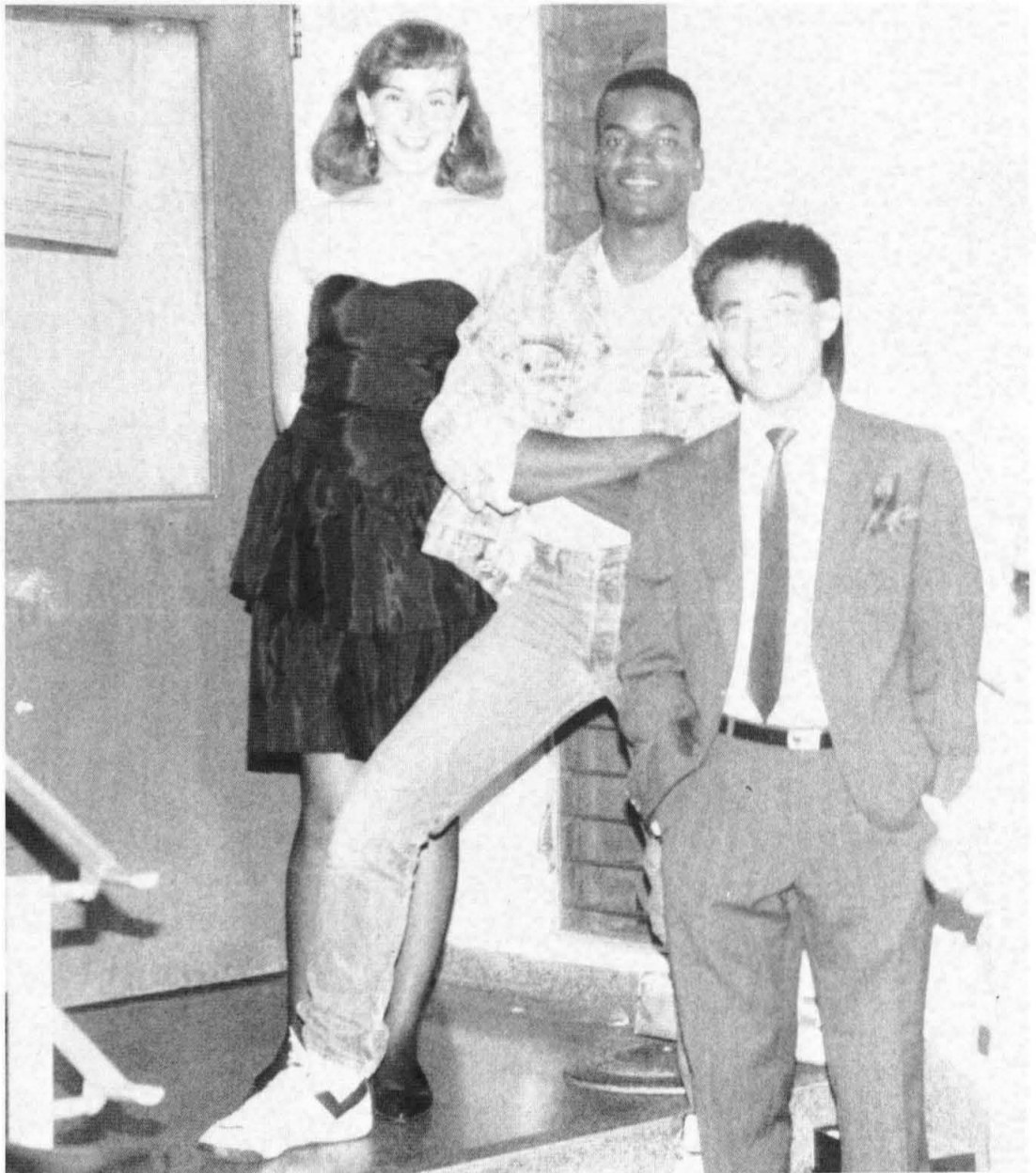
Below: the GAAC (Grand Amalgamated Alley Challenge). The members of Alley Four consult each other on how to dispose of Nik's body.

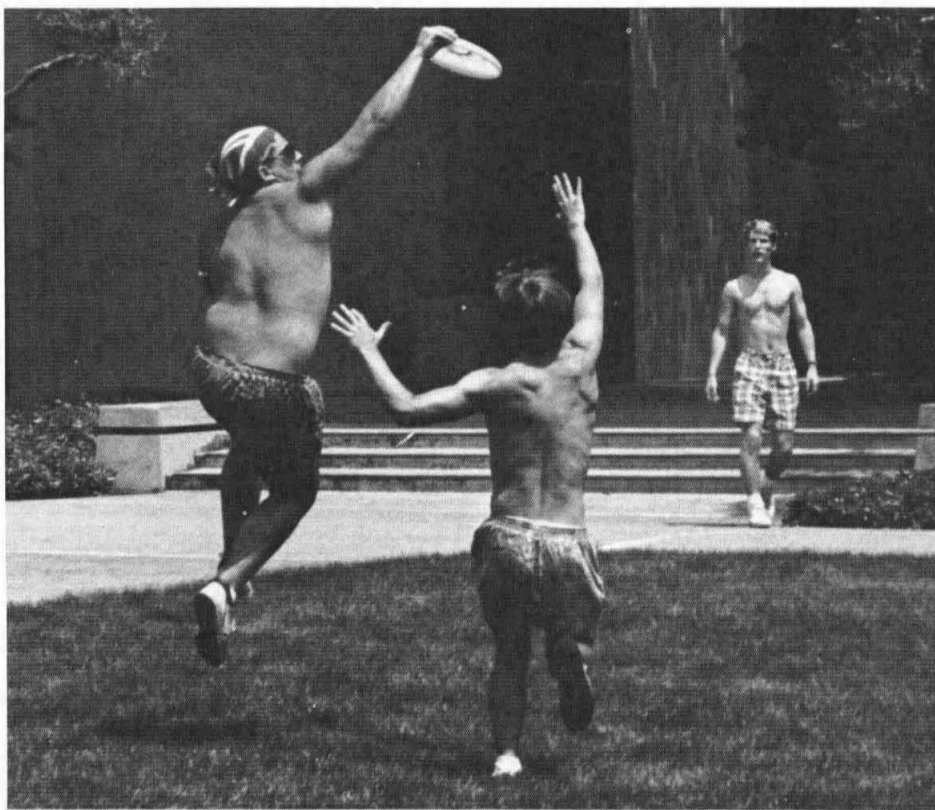
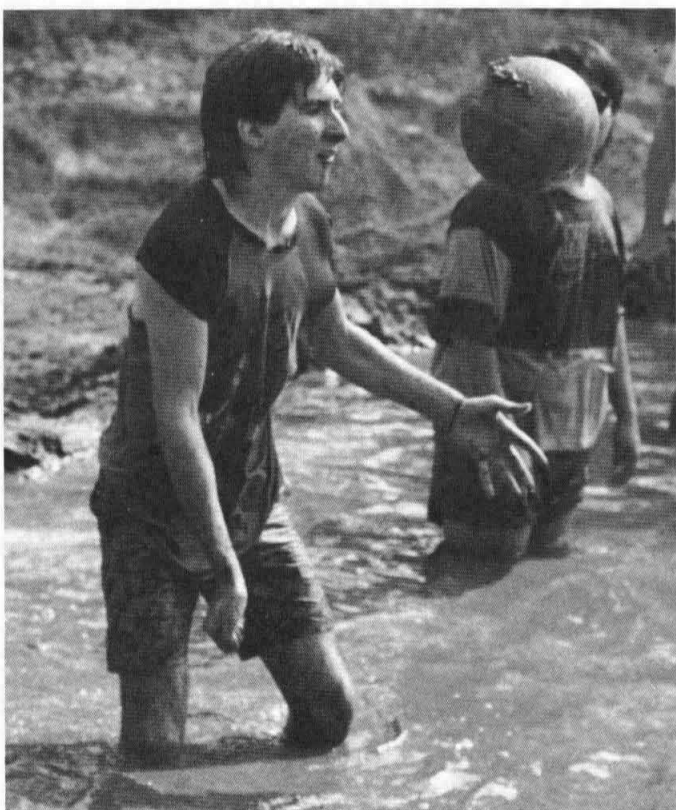
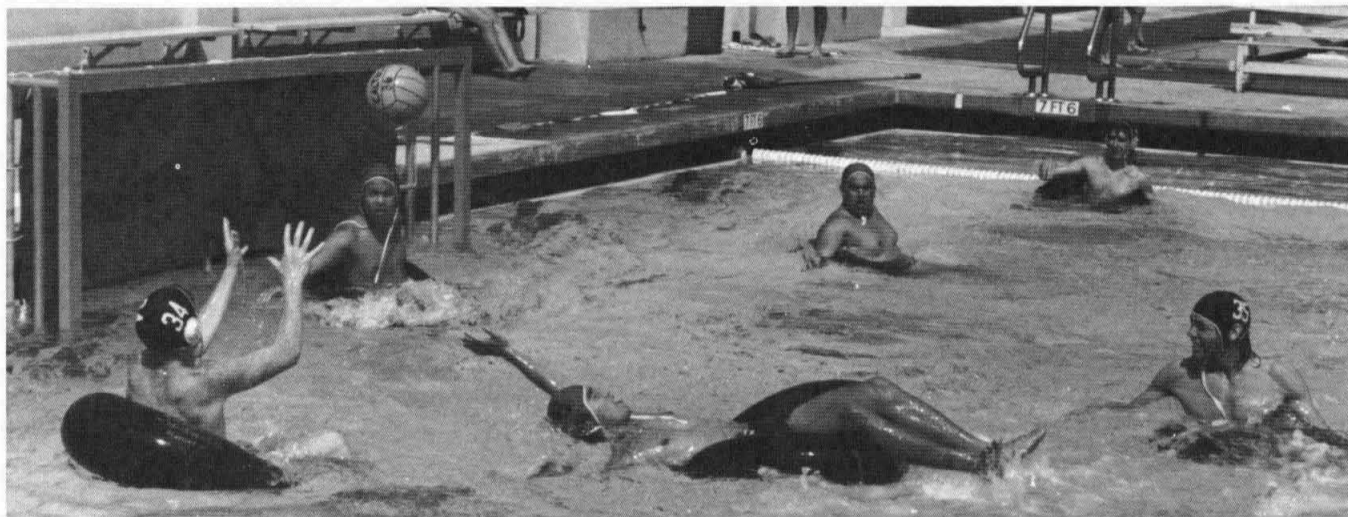






Fashionable: (opposite page, center first, then clockwise from upper left) John lounges in shorts by Newport Blue(\$25), Andy demonstrates reversibles by Ocean Pacific(\$32), Blake models the latest trend at K Mart(\$8); Robert shows off shorts by Ocean Pacific(\$23), Mark sports jeans by Jordache(\$35), Jing models a sweater by Izod Lacoste(\$30); Blake and Kim model the latest on the shelf from Le Tigre(\$40) and Aeropostale(\$200); Kleber strikes a serious pose in Hanes T-shirt(\$6); Kris and Duppy set the trend in Ruddock with sweaters by Westchester Classics(\$45 and \$37); Joe and Lisa go to the formal in style, Tux by Fredericks (\$400) and evening gown by Victoria's Secret(\$300); Netta and Milton look sharp on the night of Installations, the dress is by Gloria Vanderbilt(\$225) and the Tux is from Sears (\$150); **Above:** Matt C. and Rich as the Booze Brothers, bottles courtesy of Welch's(\$2.95); Matt Durasoff struts his stuff in shoes by Bostonian(\$45); Larry and Celia look forward to a night on the town in Tux by Sears (\$150) and dress by Gloria Vanderbilt(\$350); Netta, Greg, and Roger welcome frosh into Ruddock, the suit is by Geoffrey Bean(\$250).

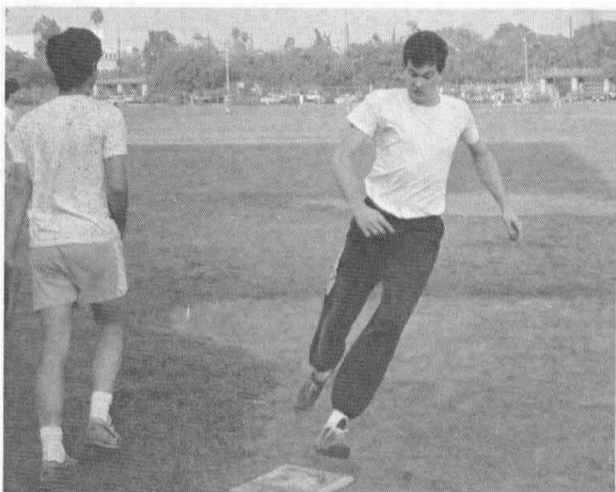
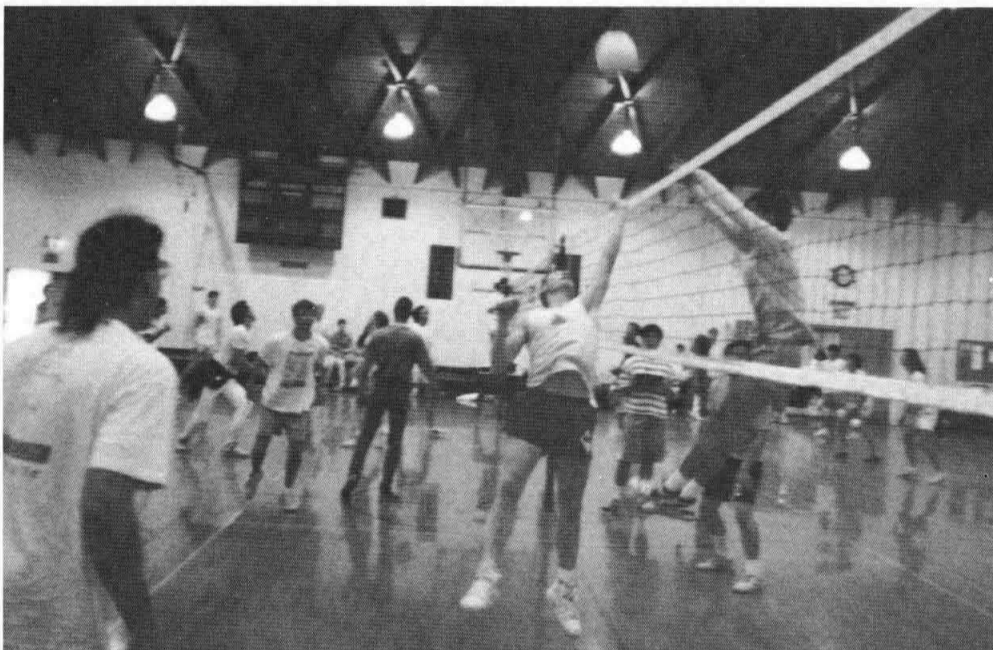




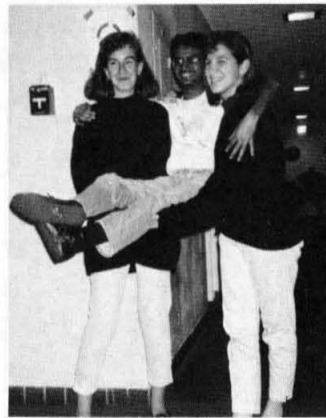
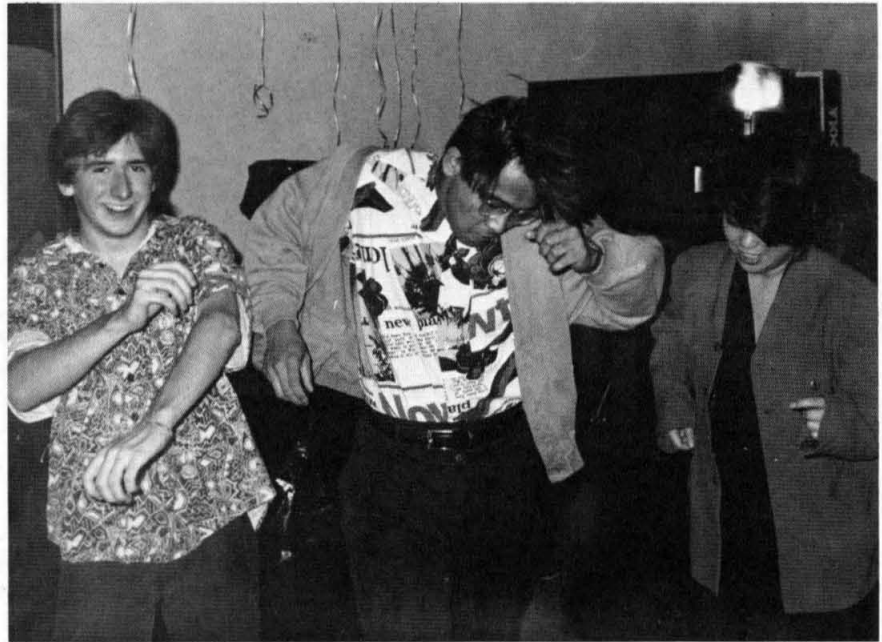
Sports

Opposite Page (clockwise, from top) Alex attempts to get the ball past Larry in a game of Inner Tube Water Polo while Roger, Mateo, Chris, and Bruce assist in the effort; Mike Jones goes for a home run; Steve Chang pretends the ball is his favorite prof; Mateo jumps over Delwyn (and is quite proud of it) to score the winning point in Ultimate; Chris pounds the volleyball at the Mudeo, thus obscuring Rich; Duppy realizes his bat is possessed.

Clockwise (from top right corner) Alex bends over backwards to spike the ball; Rob takes counter-measures against Matt for blackmail threats; Mateo slips in a game of Broomball; Dave Carta jumps a hurdle at Discobolus; Scott Wolfe attacks third base.



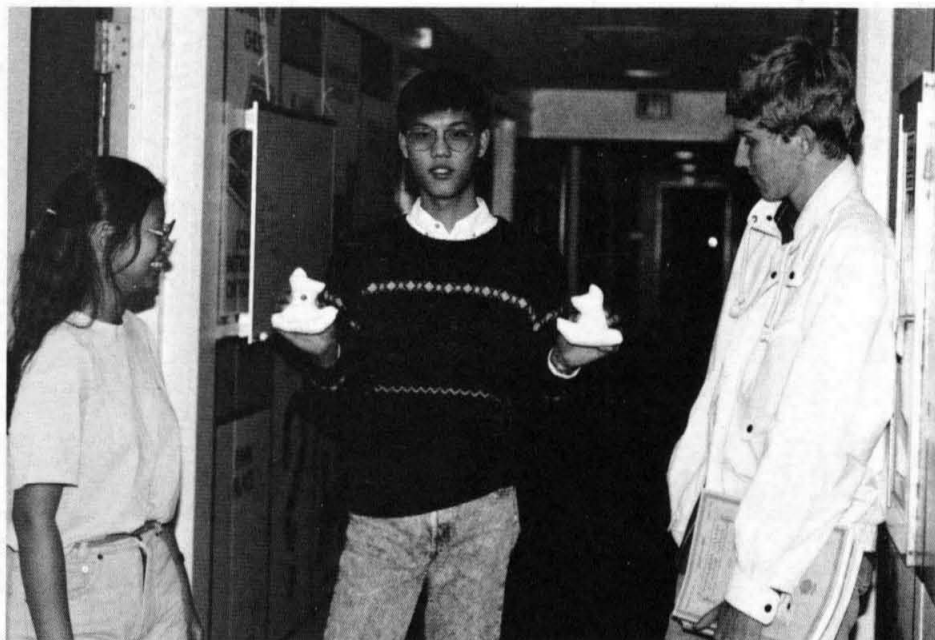
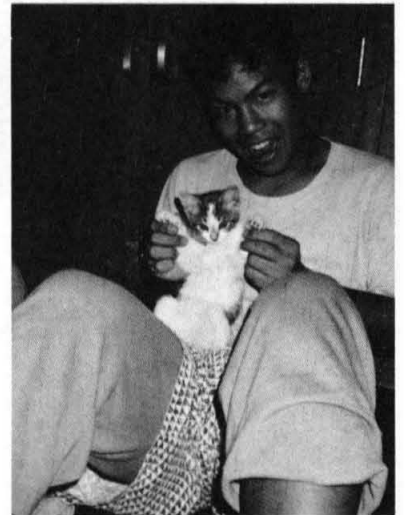
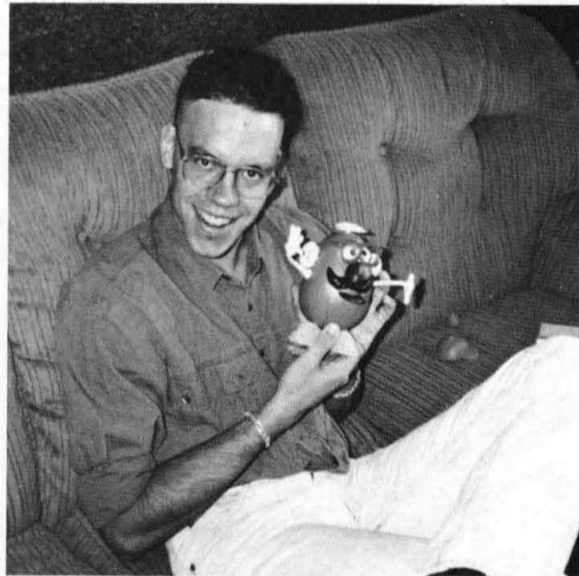
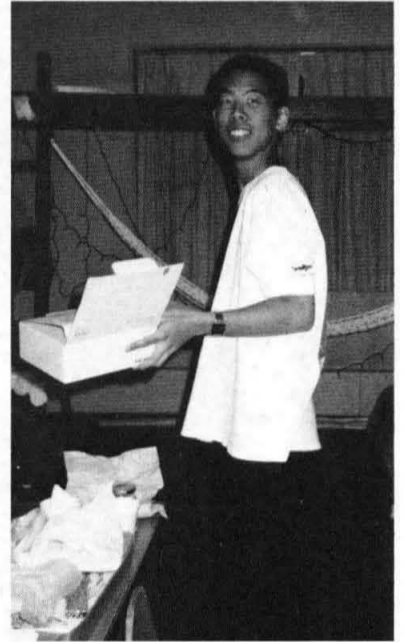
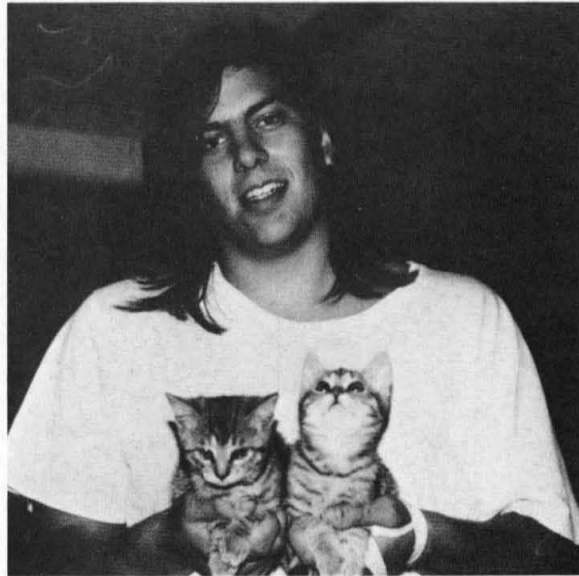
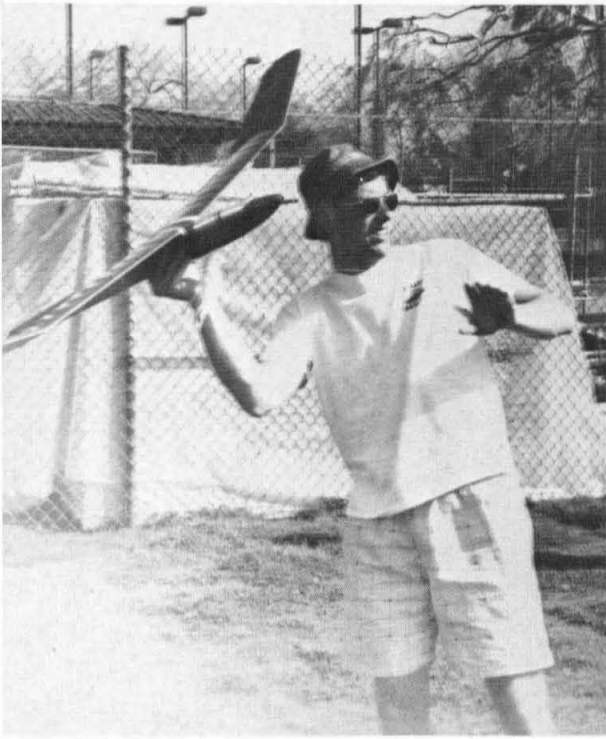
Partying Rudds



Partying (left page, clockwise from top) Matt and Nik see that all alcohol is disposed of; Andy, Amy, John, Nancy, Jon, and Delwyn (*sporting the Botany 500*) get ready to go Trick of Treat; Chris, Jon and Nancy bust a move at the Enchantment Under the Sea dance; Annetta and Kris about to toss Nik into 1.5; Mateo and another Vazquez dance at Inter-house; Matt after finishing that bottle of Cuervo.

Holding things (center, then clockwise from top): Dave demonstrates what Caltech can do to a person; Matt throws his airplane at Pete; Mateo tries to decide whether he prefers Rhyme or Reason; Eddie moves into his new pad; Larry explains to Fang what it means to be 'fixed'; Dave Lin shows Lindee and Kade a stupid magic trick; Leonard is about to throw a water balloon at the cameraman in Alley War; Asim shows Chris how to pull a rabbit out of a hat.

People Holding Things



SOPHOMORES



Sophomore Barbeque: (from left) Alex Duncan, Nancy Hong, Celia Ng, Glenn Brown, Andy Crews (seated), Stephen Edwards, Delwyn Gilmore, Todd Whitesel, Chris Martin (seated), John Bomberger, Chris Rosin, Matt Fetterman, Mark Land (gasping for air), Robert Lee, Keith Langer (drinking Hawaiian Punch), Matt Carlson, Richard Song (obscured, but everpresent), Shane Sauby (holding the Queen of Spades), John Liljeblad. **Not Present:** Pat El-Azem, Buford Frink, Scott Halliday, Bryan Kim, Will Rogers, Juli Trout, Mateo Vazquez.

FRESHMEN



Frolicking Frosh: (back row, from left) Matt Durasoff, Brady Montz, Fatima Ebrahim, Ed Murakami, Keith Oslakovic, Jing Chao, (middle row) John Krowas, Valerie Jacox, Melissa Li, Philip Cofield, Kimberly Gin, Stephen Chang, Amy Hansen, Miran Rhee, (front row) John Grady, Ed Etzkorn, Jeff Foust, Lindee Goh, John Brodoff, Matt Freund, George Fox, T.J. Creath (on ladder). **Not present:** all other frosh.

SENIORS



Senior Send-off: (back row, Daihatsu) Asim Mughal, John Werner, Jimmy Fendors, Colin Howell, Pete Marcos, (front row) Steave Olafson, Ben Chew, Mike Jones, Jeanette Woo, Alex Santoso (back row, truck) Kathleen Kraemer, Matt Geiger, Dave (Duppy) Proctor, Annis Porter, Howard Lee (attending to patient), Milton Tinkoff (patient), Chandra Tucker (dead in front of truck). **Not present:** Kleber Camacho, Dave Carta, Rob Coker, Nik Joshi, Nik Kidonakis, Ed Lee, Tom Lenosky, Alan Lund, Mark Ma, Dave Risher, Steve Rosenberg, Mike Smyth, Blake Sullivan, Scot Wolfe.

JUNIORS

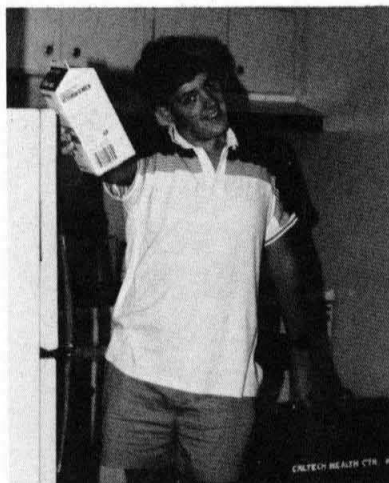
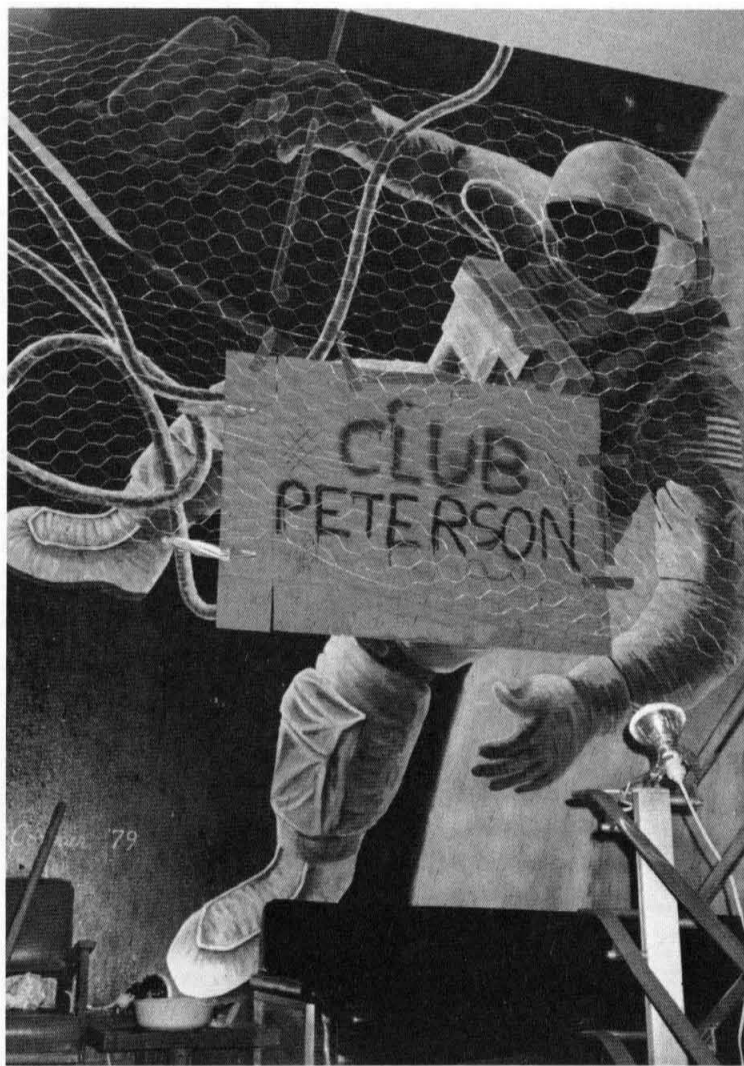
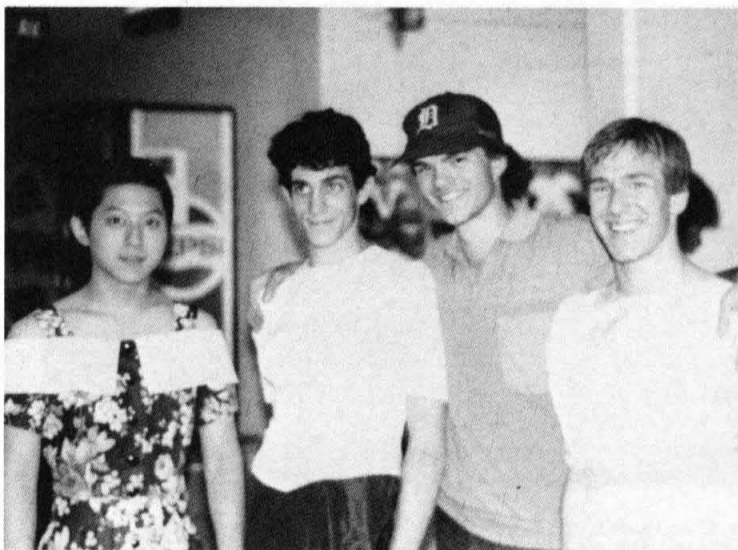


Splattered Juniors: Dave Peterson and Roger Tang (launching funnelator), H. Roger Tang (on wall), (pile, from bottom left) Ted Mlynar, Mike Kwan, Yun Loh, Larry Cheng, (middle row) Mitch Loescher, Dave Lin, Leonard Chen, (back row) Dave Peterson, Annetta Papadopoulos. **Not present:** Seth Bittker, Larry Canino, Roman Gutierrez, Greg James, Ralph Lin, Mike Mossey.

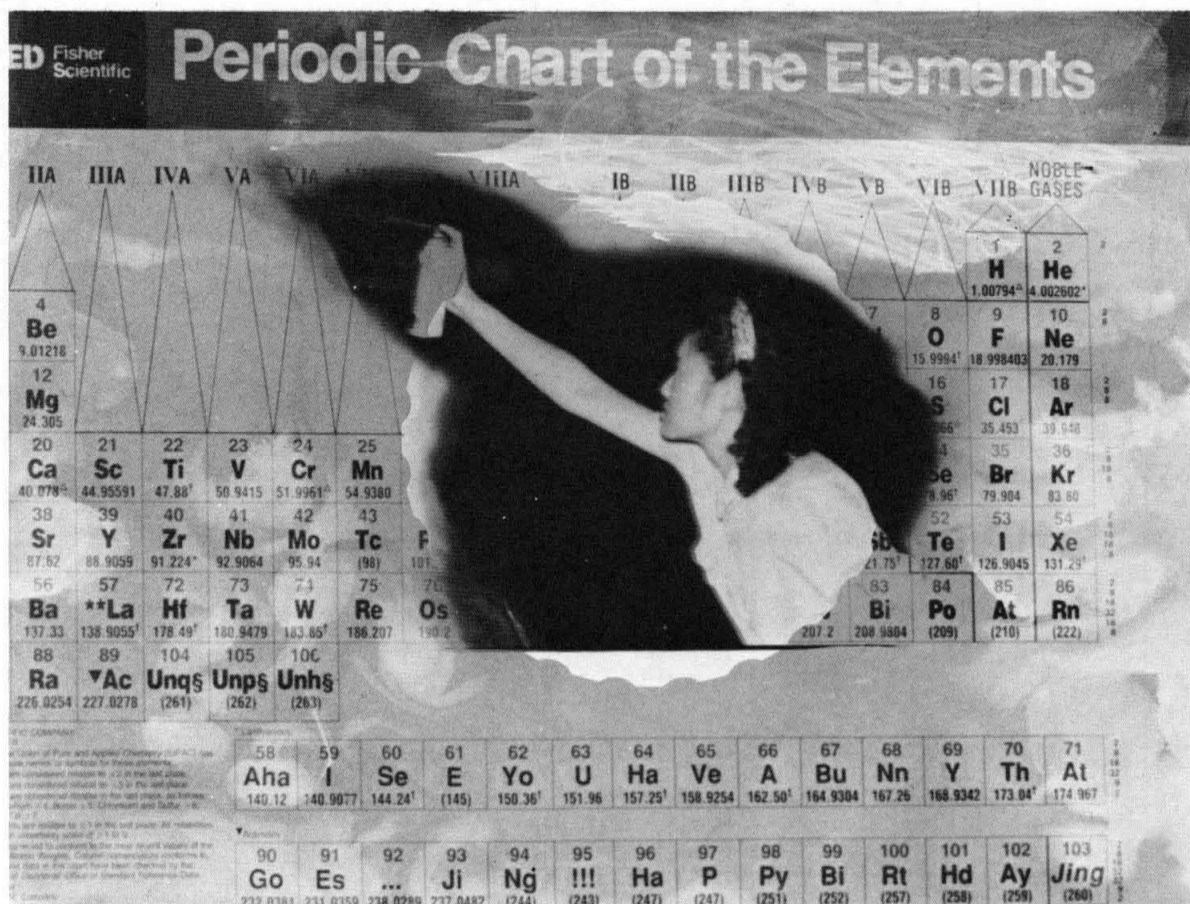
“Whatever”

The 1.5 stairweel becomes Club Peterson.

Brady finally gets some action with Bryan, Mark, and Delwyn.



Chris plugs for Wisconsin Milk.



Mark's birthday present to Jing.

BUFORD FRINK DISPATCH

Special Edition.....1989-1990

Frink Quotes

"Dude, I've heard about girls—I've never seen one, but I've heard about girls." —Delwyn

"Don't interfere. Let me touch. Move your hand. No, your bathing suit doesn't touch there."
—Milton to Kris

"Oh, Jesus! Oh, Jesus, don't you ever get tired?" —Kim to Blake

"I must have had so many guys!"
—Duppy to Milt and Mateo

"She's my own little exercise machine."—Chris M about Mel

"Isn't your tongue tired, Pat?"
—Nancy

"You can tell a lot about people by looking at their bushes."
—Val to Ted and Miran

Scot: There aren't any sodomy laws in California, anymore.
Colin: Thank God.

"God! Robert's is so much longer than mine!" —Howard

Eight stacks greeted the underclassmen of Ruddock House on Monday morning, May 21, 1990. The weekend saw a flurry of activity with the sounds of hammers and keyboards lasting long into the night.

Dave Risher, Alan Lund, and Rob Coker showed their machine shop skills with a myriad of puzzles including a light maze, and water maze, and a spatially reversing mirror that had to be used to put together legos and a jigsaw puzzle.

Mike Smyth and Scot Wolfe provided a secret agent training camp where each person had to prove their stuff in a variety of secret agent skills including marksmanship, evasive driving, code-breaking, gun design (made from an old radio) and the use of various weapons such as model rockets and pellet guns.

Dave Carta, Mike Jones, Kleber Camacho, and Dean Oliver spread good cheer throughout the campus with the "K-Smile" stack that was responsible for the happy faces on the top of Millikan and at the corner

of Holliston and San Pasqual. The stack ending with a steel spike being driven through the happy face on the door.

Steve Olafson, Ed Lee, Jimmy Fendors, and Katryn Wiese modeled their stack after the Simpsons television show. The "Simpsons" underwent electroshock therapy, colored pictures with crayons, and tried to help Homer keep the Springfield Nuclear Plant from melting down.

David Proctor, Paul Gentieu, Chandra Tucker, Matt Giger, Milton Tinkoff, and Nik Joshi took underclassmen on a flight aboard the spaceship *Nostramo* from the movie *Alien*. The crew had to figure out how to launch and navigate the ship from the control center located in the alley four lounge. The crew was all over Pasadena, with a trip to Pasadena Plaza, where Larry Canino had an *Alien* erupt from his stomach while others dressed in radiation suits reassured the crowds. In the end, the *Alien* was destroyed with a flame-thrower in Ruddock courtyard.

Tom Lenosky, Howard Lee, and Colin Howell brought forth, "Star Trek II: The Search for Colin." The highlight of the stack may have been yelling "Colin, Colin!..." from the basement of the Athenaeum as Kirk did in the movie.

Jeanette Woo, Kathleen Kraemer, and Alex Santoso gave the underclassmen the chance to play Monopoly, Caltech style. The playing pieces were life sized objects, and the streets were the buildings on Campus looking for the clues to solve puzzles.

Pete Morcos, Ben Chew, and Mark Ma treated Ruddock to the Wizard of Oz stack. Students were dispatched around campus to find the gold bricks from the yellow brick road, and to Ralphs to find a heart for the lion by carrying groceries (where they were kicked out).

Ditch day was only a small part of Ruddock House, but what can be said about the year in general? Probably the frosh worked too hard, as frosh are apt to do. The sophmores stressed quite a bit about being on grades. The juniors (what juniors you ask?) moaned and groaned about work. And the seniors? They bought some of the toys they always wanted (even if Matt can't play the drums, yet) And, well, they're outta here....



Ben Chew and Jeanette Woo prepare "Rock Cornish Game Hens with Mustard Creme and Mushrooms."

Layout by Keith Langer and Matt Fetterman. thanx to Jing Chao, Kris Blouke, John Krowas, Dave Carta, Celia Ng, Lindee Goh, Matt Geiger, Alan Lund, Duppy, Todd Whitesel's mom, the BFD editors, and anyone else who may have contributed (or at least those who didn't tear up our pictures).

-Keith and Matt





SPORTS

Basketball

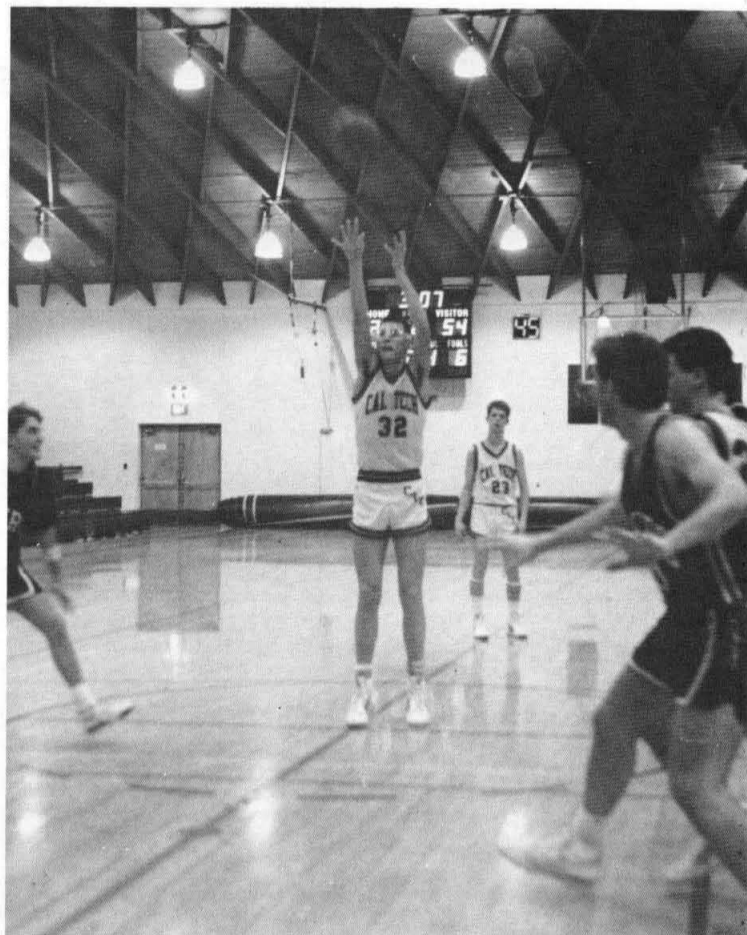


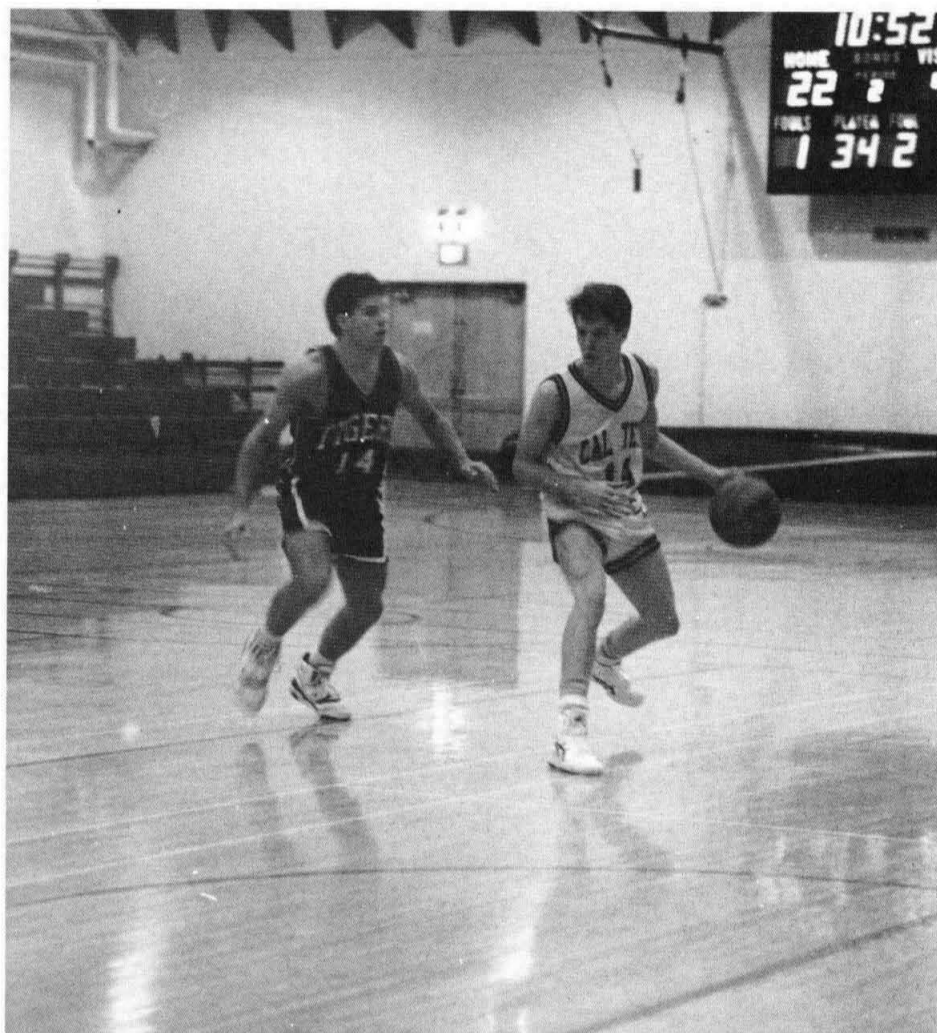
Top: (left to right) Coach R. Henderson, E. Stout, L. Boswell, J. MacLeod, B. Swanson, K. Wiberg, D. Kollmorgen, T. Creath, Coach G. Victor. **Middle:** (left to right) E. Metaxides, S. Kister, R. Ralph, K. Oslakovic, L. Ahle, J. Philippakos, Coach D. Oliver. **Front:** (left to right) M. Pottenger, J. Karceski, A. Duncan.

BASKETBALL

1989-90: 2 - 22 Conf: 0 - 12 Cumulative: 250 - 898

| Day | Date | Opponent | Location | Results |
|------|-------|-----------------------------|----------------|---------|
| Sat. | 11-11 | Alumni | Caltech | 44-51 |
| Fri. | 11-17 | Swarthmore | Caltech | 32-61 |
| Sat. | 11-18 | California Maritime | Caltech | 55-29 |
| Tue. | 11-21 | Pacific Coast Baptist Bible | PCBBC | 53-51 |
| Thu. | 11-30 | Menlo | Redlands | 38-85 |
| Fri. | 12-1 | Cal. Baptist | Redlands | 44-97 |
| Sat. | 12-2 | Norton Air Force Base | Redlands | 49-61 |
| Fri. | 12-8 | Southern Cal College | Christ College | 28-85 |
| Sat. | 12-9 | Christ College Irvine | Christ College | 49-69 |
| Wed. | 1-3 | Worcester Polytechnic | Caltech | 48-75 |
| Sat. | 1-6 | Colorado College | Caltech | 50-89 |
| Wed. | 1-10 | Redlands | Caltech | 68-107 |
| Sat. | 1-13 | Pomona-Pitzer | Caltech | 31-63 |
| Wed. | 1-17 | Claremont-Mudd | Claremont | 51-81 |
| Sat. | 1-20 | Whittier | Caltech | 53-71 |
| Wed. | 1-24 | Occidental | Caltech | 30-60 |
| Sat. | 1-27 | LaVerne | LaVerne | 50-85 |
| Wed. | 1-31 | Loma Linda University | Caltech | 57-83 |
| Sat. | 2-3 | Redlands | Redlands | 57-80 |
| Wed. | 2-7 | Pomona-Pitzer | Pomona | 39-89 |
| Sat. | 2-10 | Claremont-Mudd | Caltech | 39-72 |
| Wed. | 2-14 | Whittier | Whittier | 46-98 |
| Sat. | 2-17 | Occidental | Occidental | 45-76 |
| Mon. | 2-19 | LaVerne | Caltech | 39-79 |





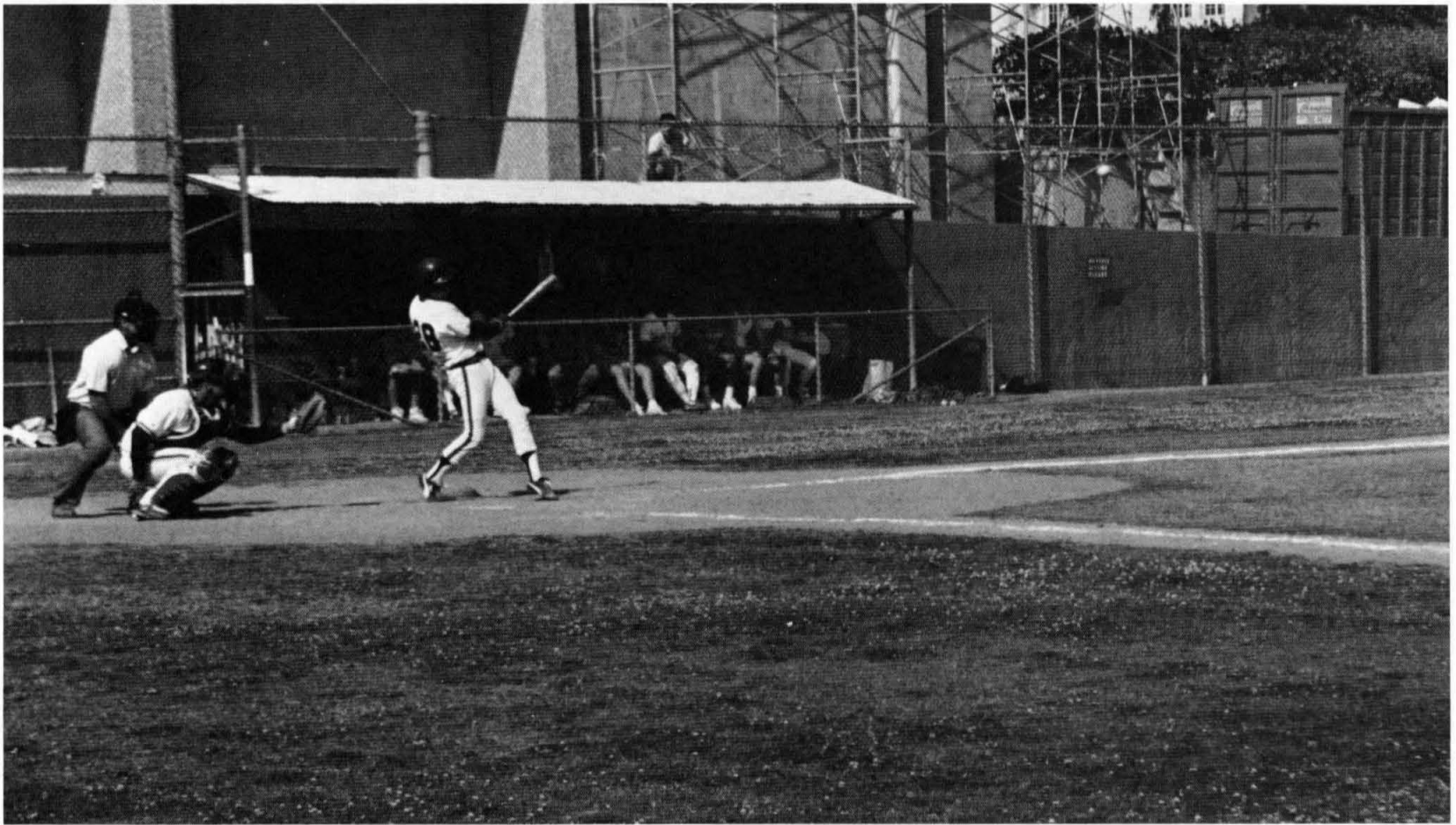
J.V. BASKETBALL

1989-90: 0 - 15

Conf: 0 - 12

| Day | Date | Opponent | Location | Results |
|------|-------|-------------------|------------|---------|
| Sat. | 11-11 | Alumni | Caltech | 40-41 |
| Sat. | 11-18 | LaVerne JV | Occidental | 7-78 |
| Sun. | 11-19 | Occidental JV | Occidental | 18-80 |
| Wed. | 1-10 | Redlands JV | Caltech | 32-66 |
| Sat. | 1-13 | Pomona-Pitzer JV | Caltech | 21-57 |
| Wed. | 1-17 | Claremont-Mudd JV | Claremont | 17-63 |
| Sat. | 1-20 | Whittier JV | Caltech | 28-61 |
| Wed. | 1-24 | Occidental JV | Caltech | 24-82 |
| Sat. | 1-27 | LaVerne JV | LaVerne | 30-85 |
| Sat. | 2-3 | Redlands JV | Redlands | 23-57 |
| Wed. | 2-7 | Pomona-Pitzer JV | Pomona | loss |
| Sat. | 2-10 | Claremont-Mudd JV | Caltech | loss |
| Wed. | 2-14 | Whittier JV | Whittier | 33-81 |
| Sat. | 2-17 | Occidental JV | Occidental | 30-73 |
| Mon. | 2-19 | LaVerne JV | Caltech | 36-94 |





Baseball

Front Row: (left to right) D. Berg, J. McGill, M. O'Brien, M. Aranda, J. Stamm, P. Ying.
Back Row: (left to right) J. Bromley, M. Salisbury, A. Suklikar, S. Hoekstra, K. Campman, G. Wiersma, R. Grothe, Head Coach J. D'Auria. **Not Pictured:** Assistant Coach R. Towles, A. Kaplan.

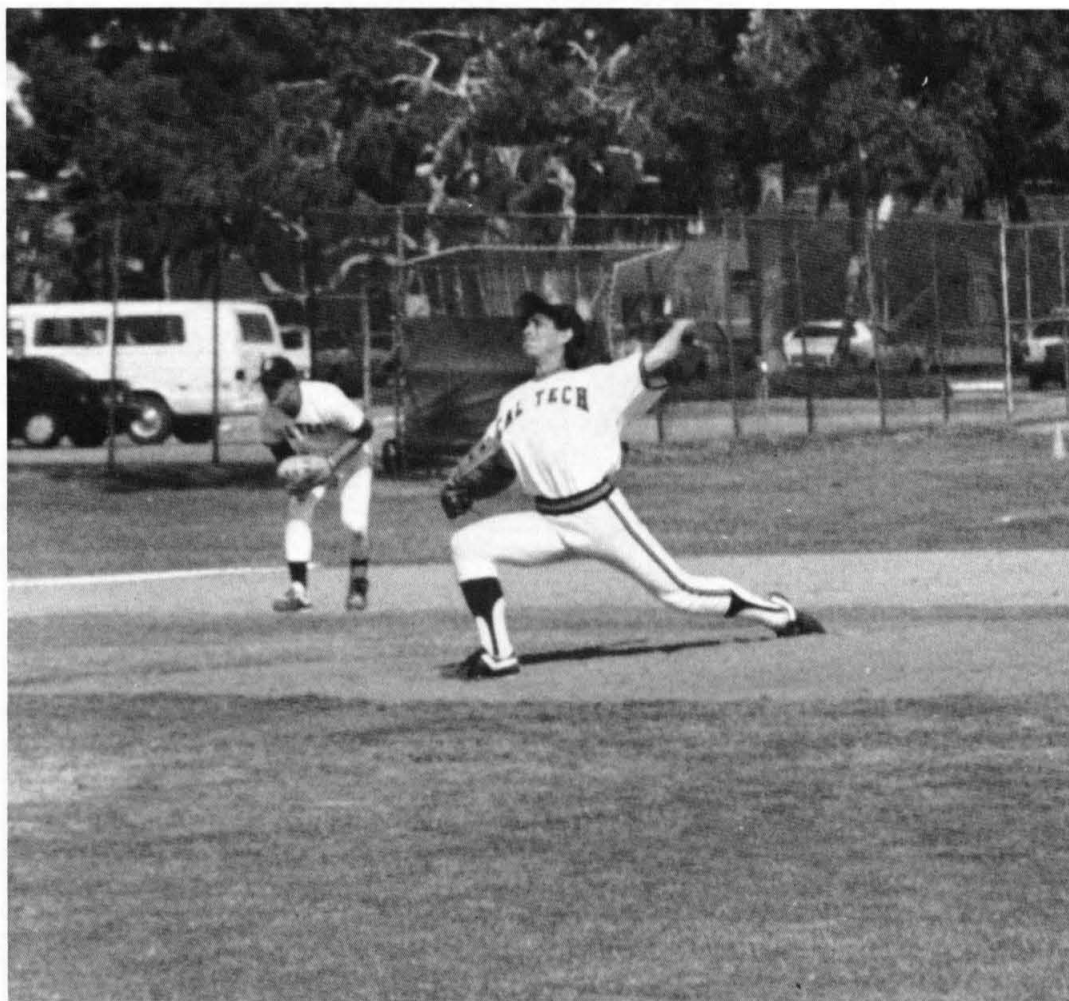


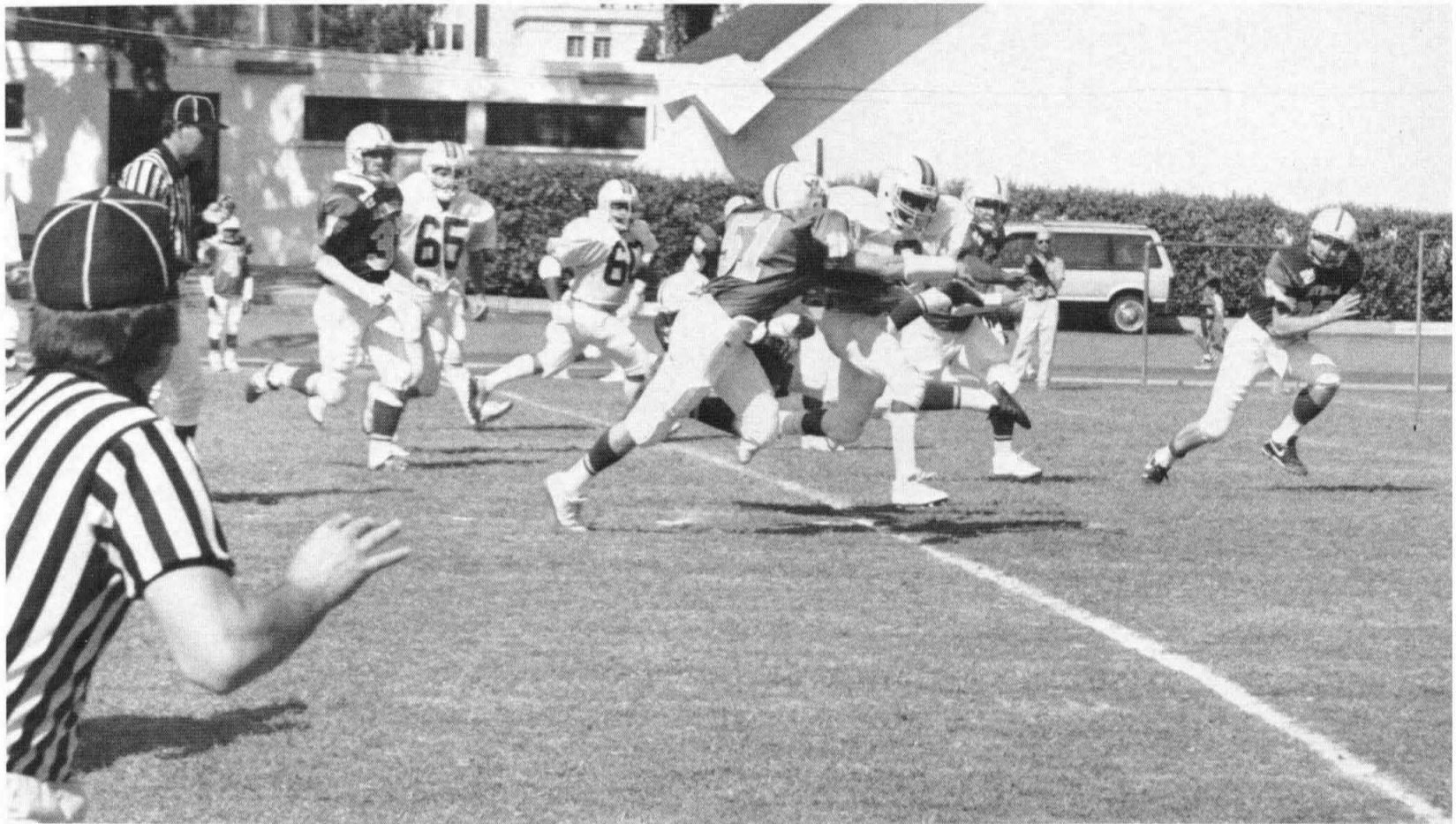


BASEBALL

1989-90: 9 - 25 Conf: 0 - 18 Cumulative: 502 - 1185

| Day | Date | Opponent | Location | Results |
|------|------|---------------------|--------------|------------|
| Tue. | 1-30 | LaVerne J.V. | Caltech | 8-1 |
| Sat. | 2-3 | P.C.B.B.C. (2) | Caltech | 5-3, 9-4 |
| Tue. | 2-6 | LaVerne J.V. | LaVerne | 2-15 |
| Sat. | 2-10 | P.C.B.B.C. (2) | P.C.B.B.C. | 19-6, 8-4 |
| Fri. | 2-16 | Whittier | Whittier | 0-17 |
| Sat. | 2-17 | Whittier (2) | Caltech | 3-9, 1-15 |
| Tue. | 2-20 | P.C.B.B.C. | Caltech | 8-4 |
| Fri. | 2-23 | LaVerne | Caltech | 0-17 |
| Sat. | 2-24 | LaVerne (2) | LaVerne | 0-16, 4-19 |
| Fri. | 3-2 | Redlands | Caltech | 1-8 |
| Sat. | 3-3 | Redlands (2) | Redlands | 0-12, 1-14 |
| Wed. | 3-7 | P.C.B.B.C. | P.C.B.B.C. | 9-11 |
| Thu. | 3-8 | Colorado College | Caltech | 1-9 |
| Sat. | 3-10 | Alumni | Caltech | 8-7 |
| Fri. | 4-6 | Pomona-Pitzer | Pomona | 3-10 |
| Sat. | 4-7 | Pomona-Pitzer (2) | Caltech | 1-8, 2-7 |
| Tue. | 4-10 | P.C.B.B.C. | Caltech | 19-3 |
| Sat. | 4-14 | Barstow College (2) | Caltech | 4-7, 6-8 |
| Fri. | 4-20 | P.C.B.B.C. | Caltech | 14-4 |
| Sat. | 4-21 | Cal Lutheran (2) | Cal Lutheran | 3-15, 2-12 |
| Fri. | 4-27 | Occidental | Occidental | 0-10 |
| Sat. | 4-28 | Occidental (2) | Caltech | 2-12, 1-12 |
| Fri. | 5-4 | Claremont-Mudd | Caltech | 3-7 |
| Sat. | 5-5 | Claremont-Mudd (2) | Claremont | 2-8, 0-9 |





FOOTBALL

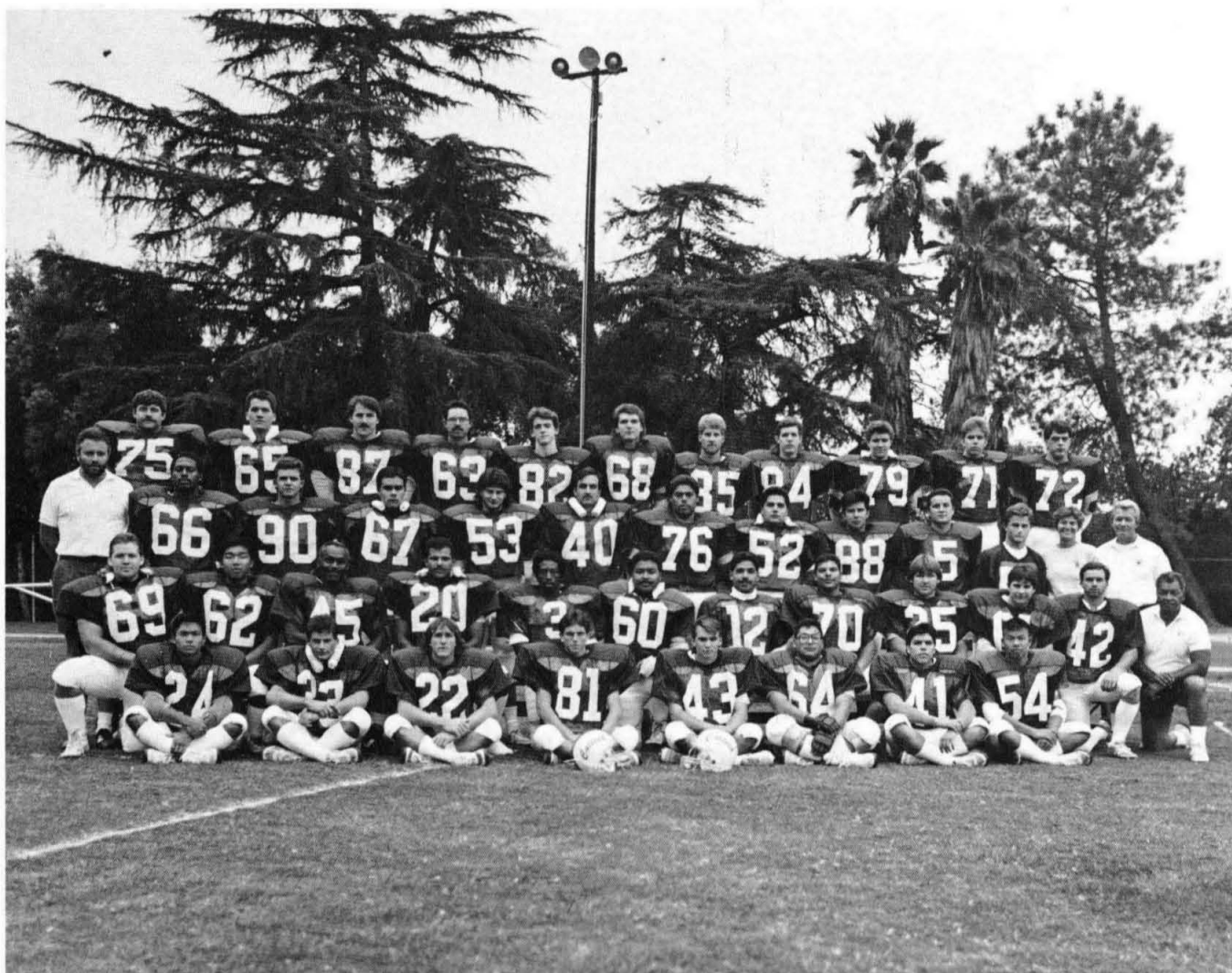
1989-90: 6 - 1 - 1

Cumulative: 127 - 341 - 18

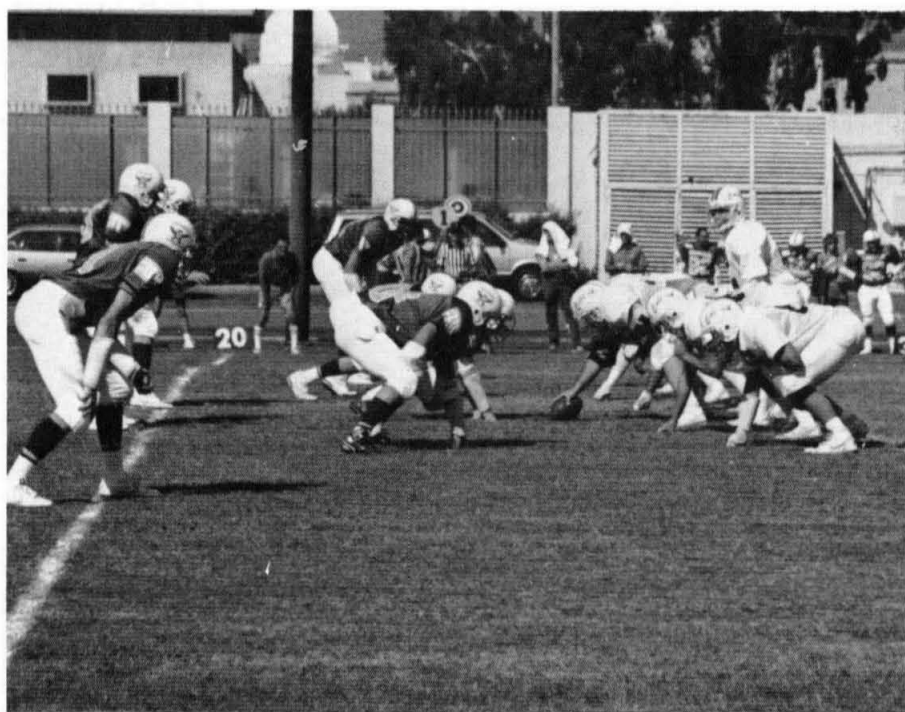
| Day | Date | Opponent | Locations | Results |
|------|-------|----------------------------------|---------------------|---------|
| Sat. | 9-30 | San Fernando Valley Nomads | Caltech | 7-0 |
| Sat. | 10-7 | Austrailian National Team | Caltech | 37-8 |
| Sat. | 10-14 | Los Angeles Mustangs | Caltech | 33-28 |
| Sat. | 10-21 | Orange County Cowboys | Caltech | 14-14 |
| Sat. | 10-28 | Mexicali Institute of Technology | Mexicali Inst. Tech | 14-8 |
| Sat. | 11-4 | Cal Poly Pomona | Cal Poly | 12-22 |
| Sat. | 11-11 | Norwalk-Sante Fe Springs Outlaws | Caltech | 20-19 |
| Sat. | 11-18 | Pasadena Police | Caltech | 34-0 |



Football

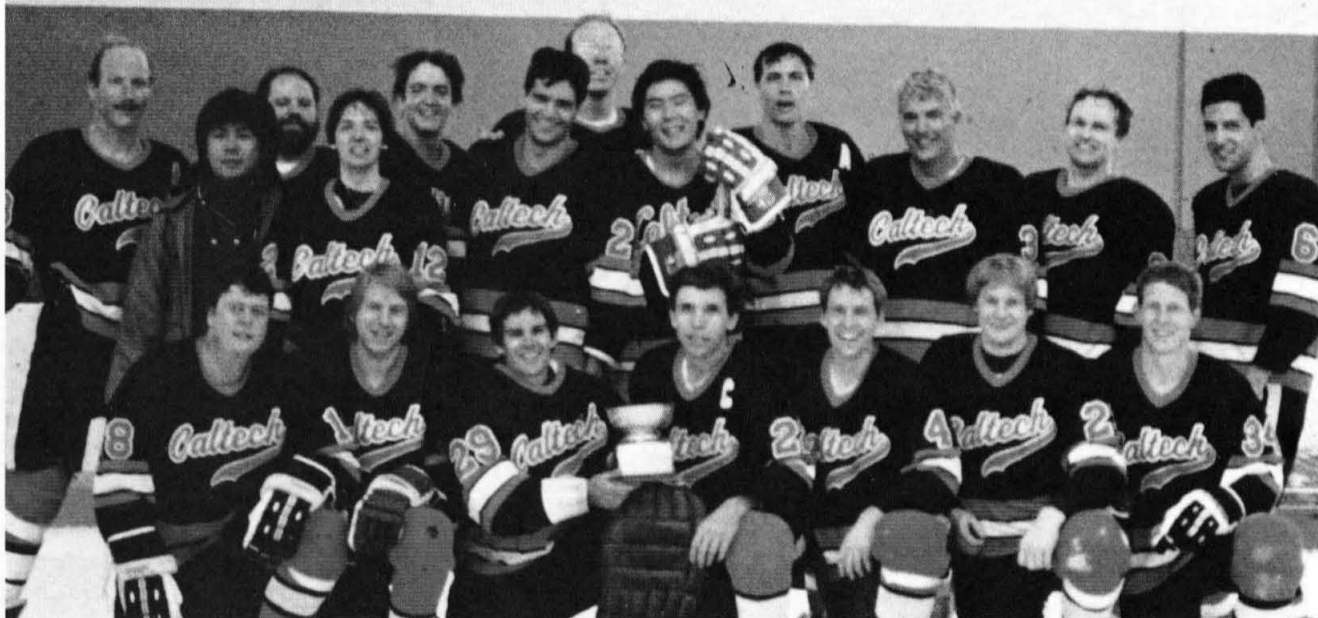


Back Row: (left to right) J. Moore, T. Schamberger, D. Casey, J. Miller, R. Whiteley, J. Obernolte, D. Yule, C. Feierabend, F. Sloneker, A. Mikula, M. Johnson. **Second Row:** (left to right) Coach Wendell Jack, L. Scott, S. Hoekstra, C. Torres, R. Welstand, M. Delgatto, A. Montanez, R. Stone, J. Bromley, R. Curiel, J.P. Kovalik, Trainer Jaye Tashima, Coach Dean Bond. **Third Row** (left to right) S. Harkness, J. Chiu, L. Campbell, D. Thomas, V. Riley, R. Turcios, D. Stone, G. Thomas, M. Whitney, J. Cavallaro, T. Eilers, Coach Gene Renfroe. **Front Row:** (left to right) C. Nakasone, E. Newman, D. Ross, B. Duchovnay, R. Underwood, S. Gonzales, R. De Baca, L. Cheng. **Not Pictured:** Coach David Brinza, D. Berg, E. Davidson, D. Smith

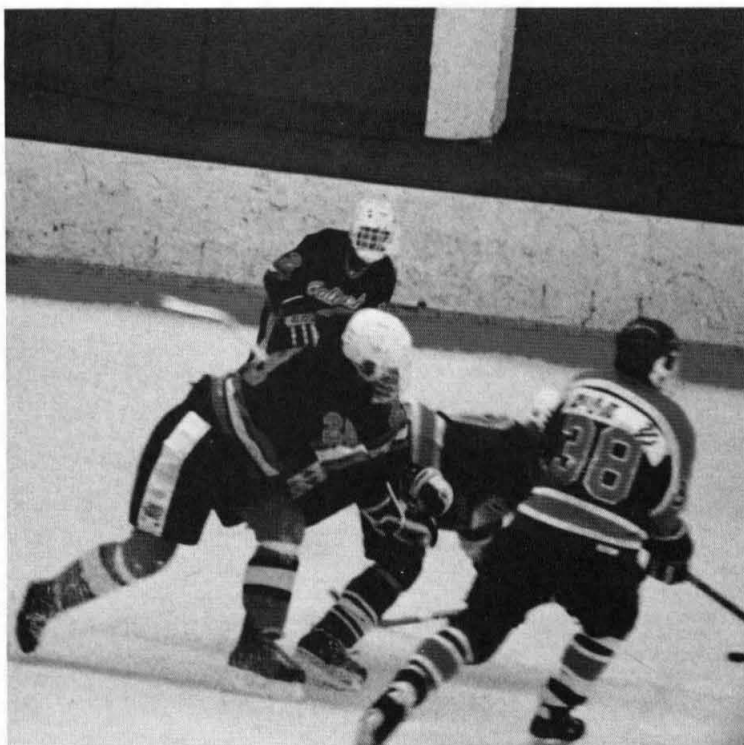




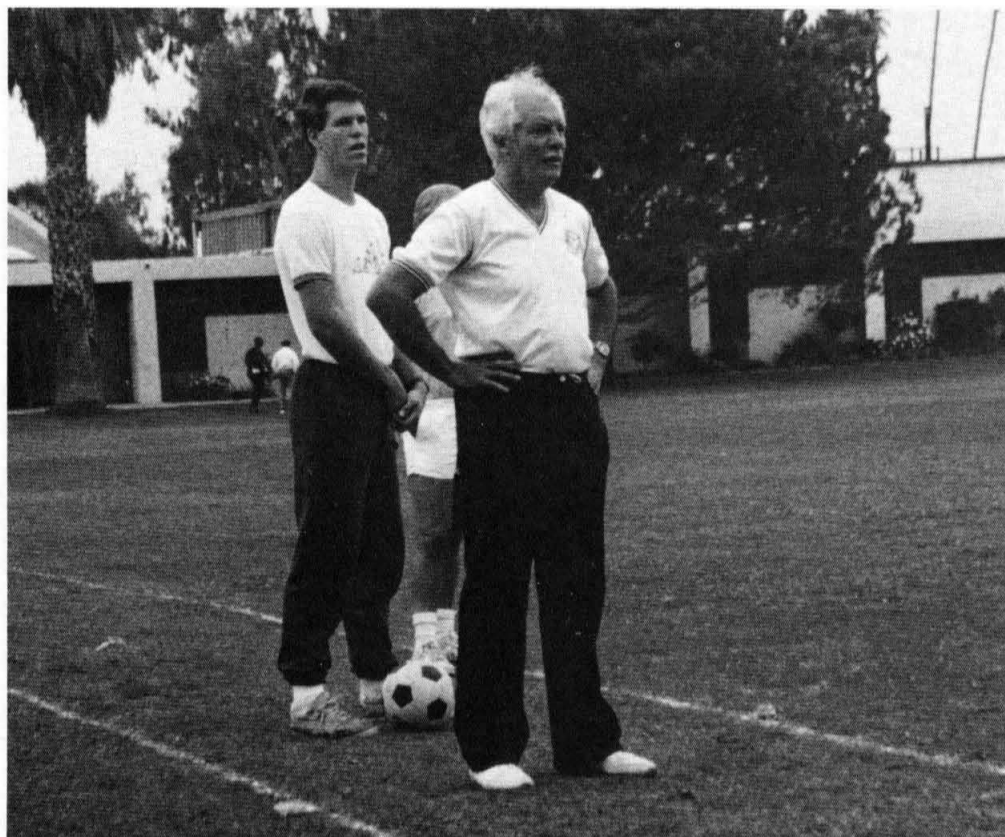
Hockey

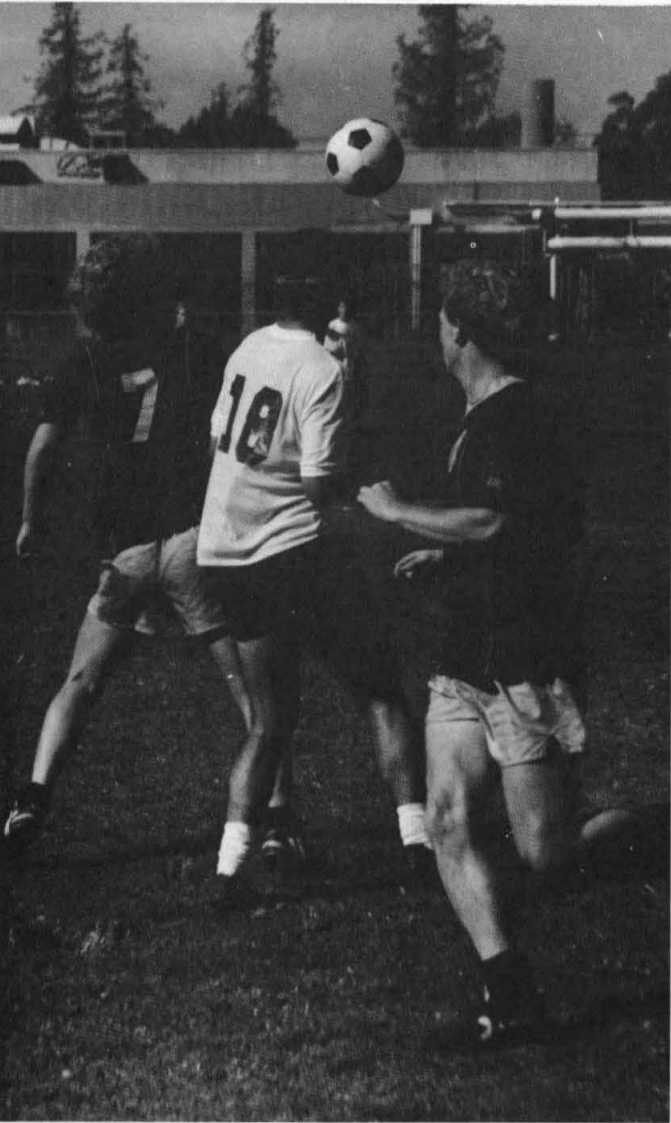


Front: (left to right) Bob Lane, Brooke Anderson, Rob Nickells, George Yates, Jeff Hall, Dennis Moore, Pat Dobson. **Back:** (left to right) Dave Braun, Haj Sano, John Cortese, Jeff Moore, Dwight Berg, Jacques Belanger, Tom Penn, Herman Cho, Martin Brouillette, Dave Fort, Dale Laird, Ben Skrainka. **Not in Picture:** Jeff Zelt, Phil Tokumaru, Dan Keelan, Phil Askenazy.



Soccer



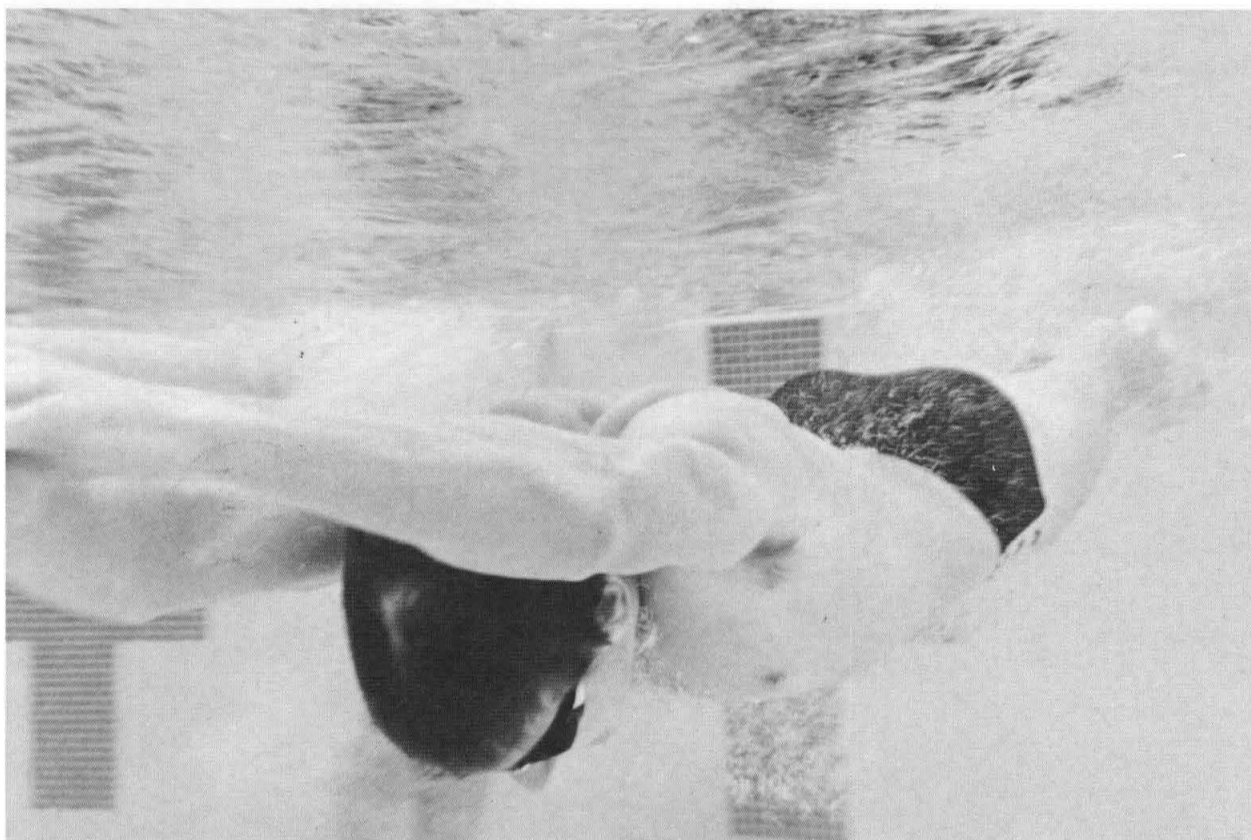


SOCCER

1989-90: 5 - 12 Conf: 3 - 9 Cumulative: 80 - 263 - 25

| Day | Date | Opponent | Location | Results |
|------|-------|-----------------------|----------------|---------|
| Sat. | 9-16 | Alumni | Caltech | 3-2 |
| Mon. | 9-18 | Pomona-Pitzer | Caltech | 0-6 |
| Wed. | 9-20 | Whittier | Whittier | 0-3 |
| Sun. | 9-24 | Claremont-Mudd | Claremont-Mudd | 0-7 |
| Wed. | 9-27 | LaVerne | Caltech | 1-4 |
| Sat. | 9-30 | Redlands | Redlands | 1-0 |
| Wed. | 10-4 | Loma Linda University | Caltech | 2-3 |
| Sat. | 10-7 | Occidental | Caltech | 1-2 |
| Wed. | 10-11 | Pomona-Pitzer | Pomona-Pitzer | 0-6 |
| Fri. | 10-13 | Whittier | Caltech | 7-0 |
| Sat. | 10-14 | Christ College | Christ College | 0-6 |
| Mon. | 10-16 | Claremont-Mudd | Caltech | 0-12 |
| Wed. | 10-18 | LaVerne | Caltech | 1-5 |
| Sat. | 10-21 | Redlands | Caltech | 4-2 |
| Wed. | 10-25 | Cal Lutheran | Caltech | 2-3 |
| Sat. | 10-28 | Occidental | Occidental | 0-4 |
| Fri. | 11-3 | Loma Linda University | Loma Linda | 5-3 |

Swimming

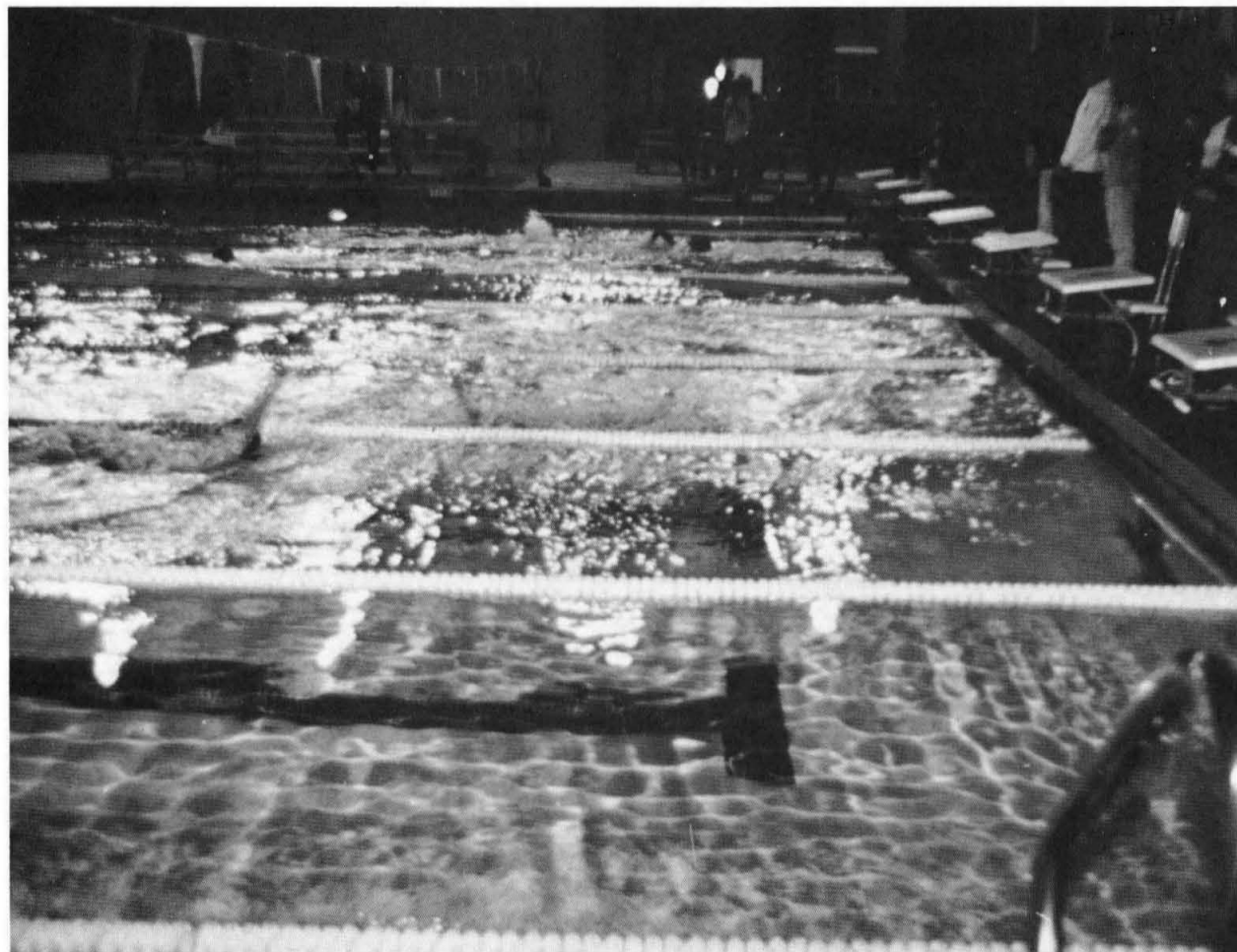
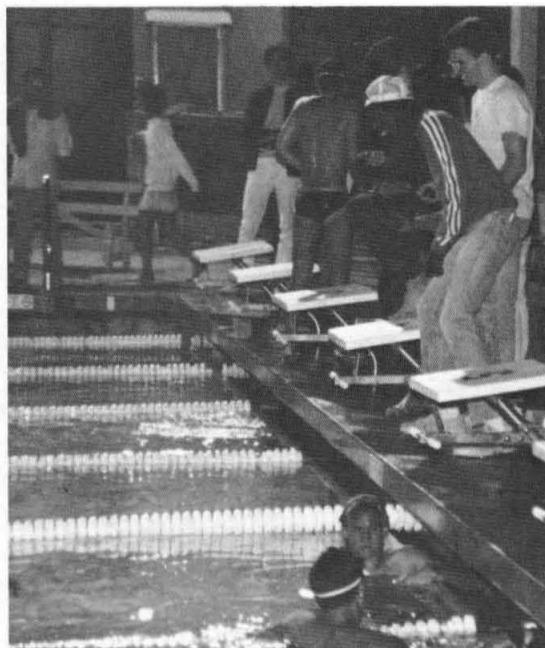


MEN'S SWIMMING

1989-90: 2 - 8 Conference: 2 - 6 Cumulative: 204 - 230

| Day | Date | Opponent | Location | Results |
|------|-------|------------------------|------------|---------|
| Sat. | 11-18 | Whittier | Caltech | 101-50 |
| Sat. | 1-13 | Claremont-Mudd Scripps | Claremont | 60-159 |
| | | Redlands | Claremont | 81-132 |
| Sat. | 1-20 | Occidental | Occidental | 102-128 |
| Thu. | 1-25 | Colorado College | Caltech | 41-198 |
| | | Occidental | Caltech | 81-142 |
| Sat. | 1-27 | Whittier | Caltech | 142-25 |
| Sat. | 2-3 | Pomona-Pitzer | Pomona | 75-159 |
| | | Redlands | Pomona | 107-108 |
| Sat. | 2-10 | U.C. Riverside | Caltech | 98-114 |







Water Polo



MEN'S WATER POLO

1989-90: 2 - 18 Conference: 2 - 7 Cumulative: 250 - 436

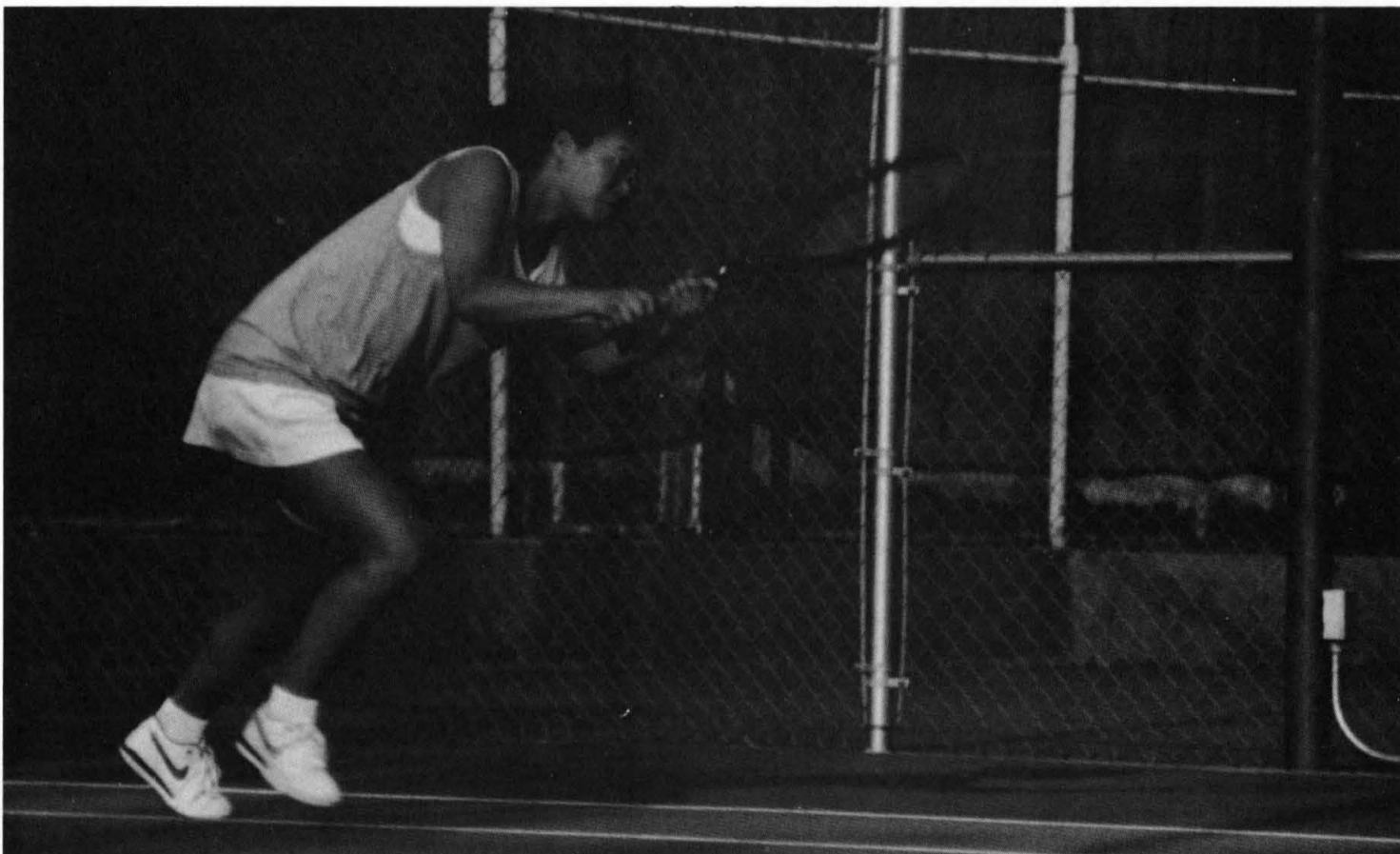
| Day | Date | Opponent | Location | Results |
|------|------|-------------------------|----------|---------|
| Tue. | 9-19 | Pasadena City College | Caltech | 7-13 |
| Sun. | 9-24 | Alumni | Caltech | 8-10 |
| Tue. | 9-26 | Pasadena City College | Caltech | 8-12 |
| Wed. | 9-27 | Rio Hondo | Caltech | 5-16 |
| Sat. | 9-30 | Chapman | Chapman | 8-12 |
| Wed. | 10-4 | Cal State San Bernadino | Caltech | 4-18 |
| Sat. | 10-7 | Pasadena City College | Caltech | 4-15 |
| Sat. | 10-7 | Chapman | Caltech | 7-11 |

| | | | | |
|------|-------|-------------------------|------------|-------|
| Sat. | 10-7 | Chaminade | Caltech | 9-15 |
| Sun. | 10-8 | Redlands | Caltech | 3-17 |
| Sun. | 10-8 | U.C. Riverside | Caltech | 4-15 |
| Wed. | 10-11 | Occidental | Occidental | 3-14 |
| Sat. | 10-14 | Whittier | Caltech | 8-9 |
| Wed. | 10-18 | Redlands | Caltech | 5-18 |
| Sat. | 10-21 | Chapman | Caltech | 5-0 |
| Wed. | 10-25 | Pomona-Pitzer | Caltech | 10-16 |
| Wed. | 11-1 | Claremont-Mudd | Caltech | 2-20 |
| Fri. | 11-3 | SCIAC Finals - Whittier | Caltech | 11-8 |
| Sat. | 11-4 | SCIAC - Claremont-Mudd | Whittier | 1-20 |
| Sat. | 11-5 | SCIAC - Pomona-Pitzer | Whittier | 5-24 |



Standing: (left to right) Doruk Engin, Ted Rogers, Grant Sitton, Bill Swanson, Mark Hause, Andy Crews, Tamaki Murakami, Capt. Brian Shim, David Geraghty, Tim Maddux, Coach Clinton Dodd. **Water:** (left to right) Dan Smith, Nick Biery, Tim Firman, Stuart Wagner, Nick Pornsinsirak, Sean Wetterer, Mark Savellano, Alan Low. **Not Pictured:** Karin Johnson, Sonny Arcilla, Hemant Keny.

Women's Tennis

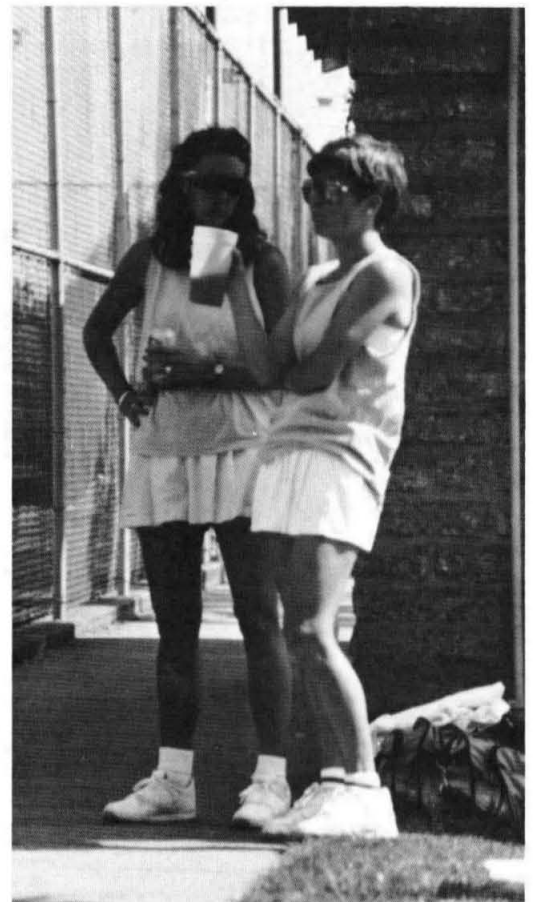


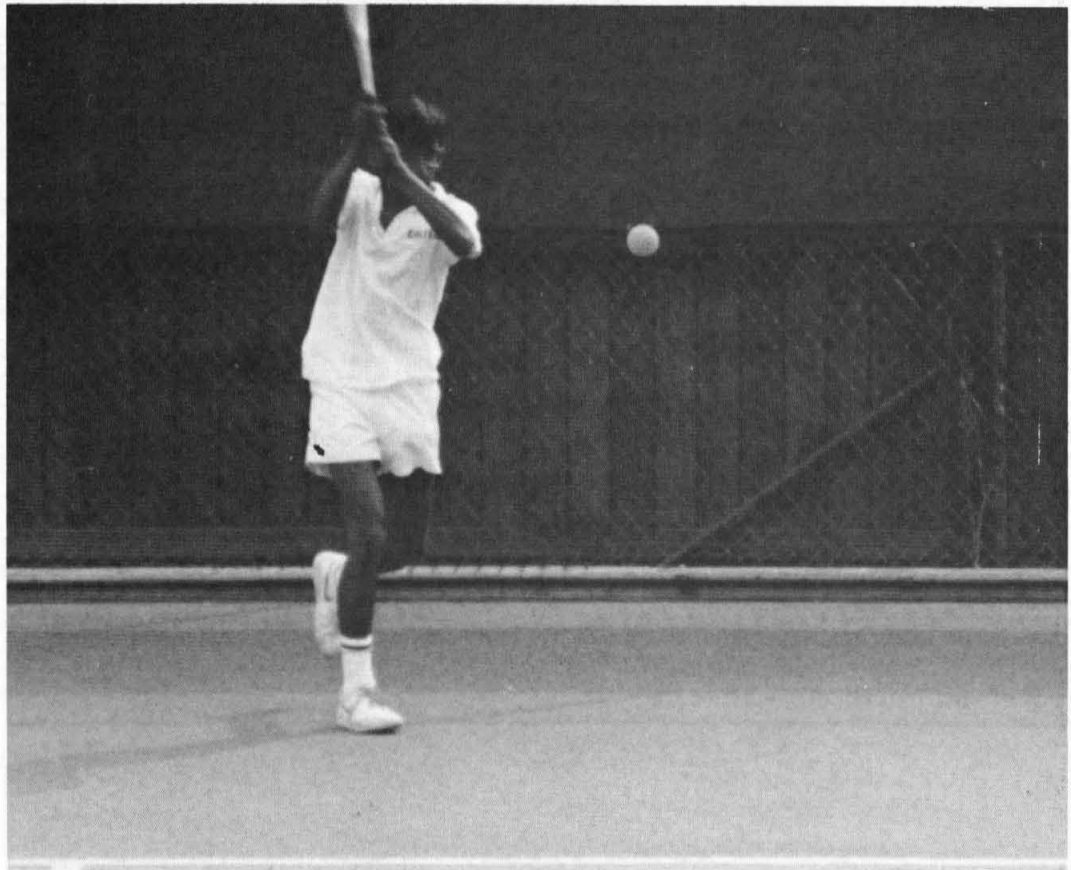
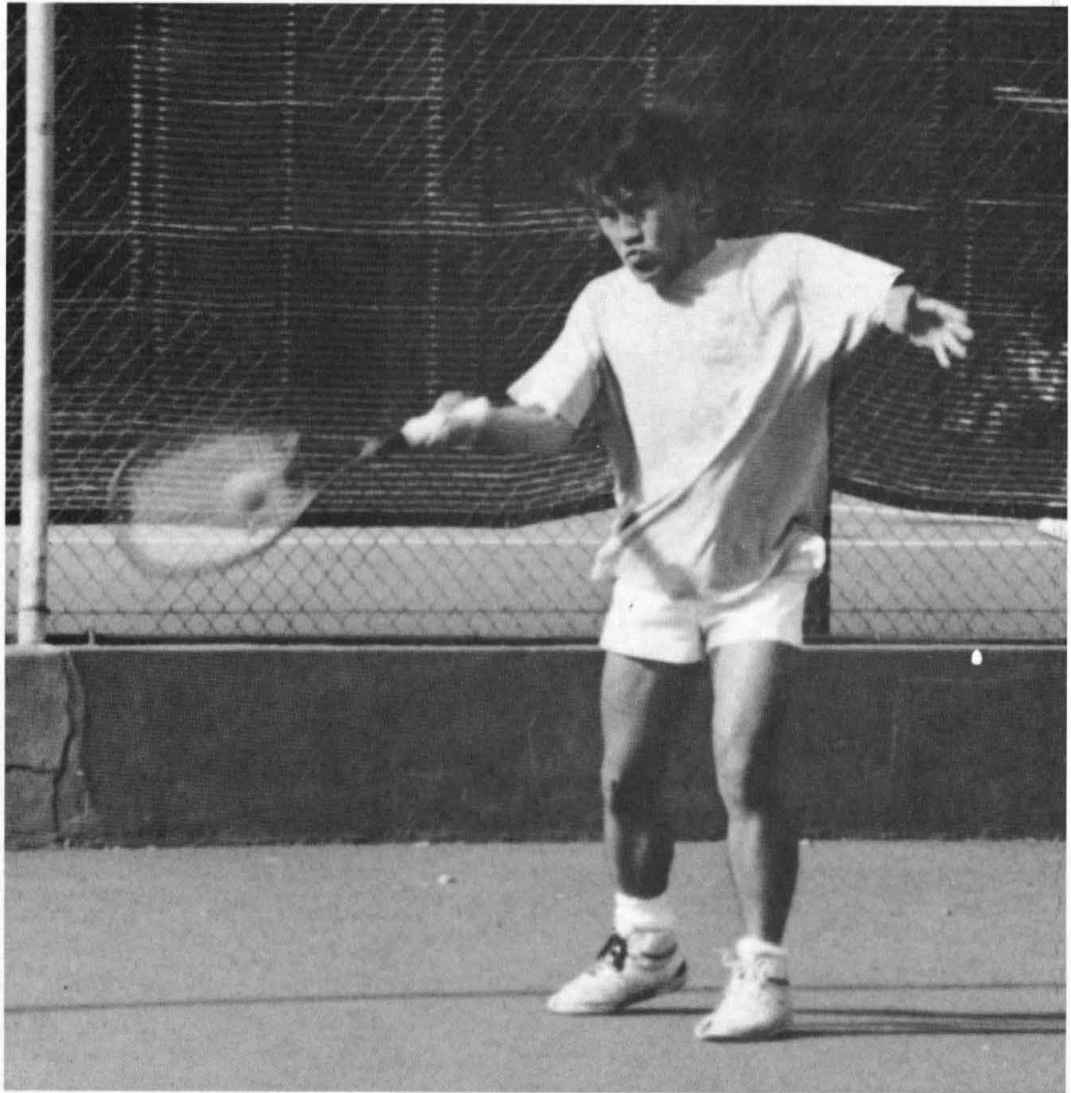
WOMEN'S TENNIS

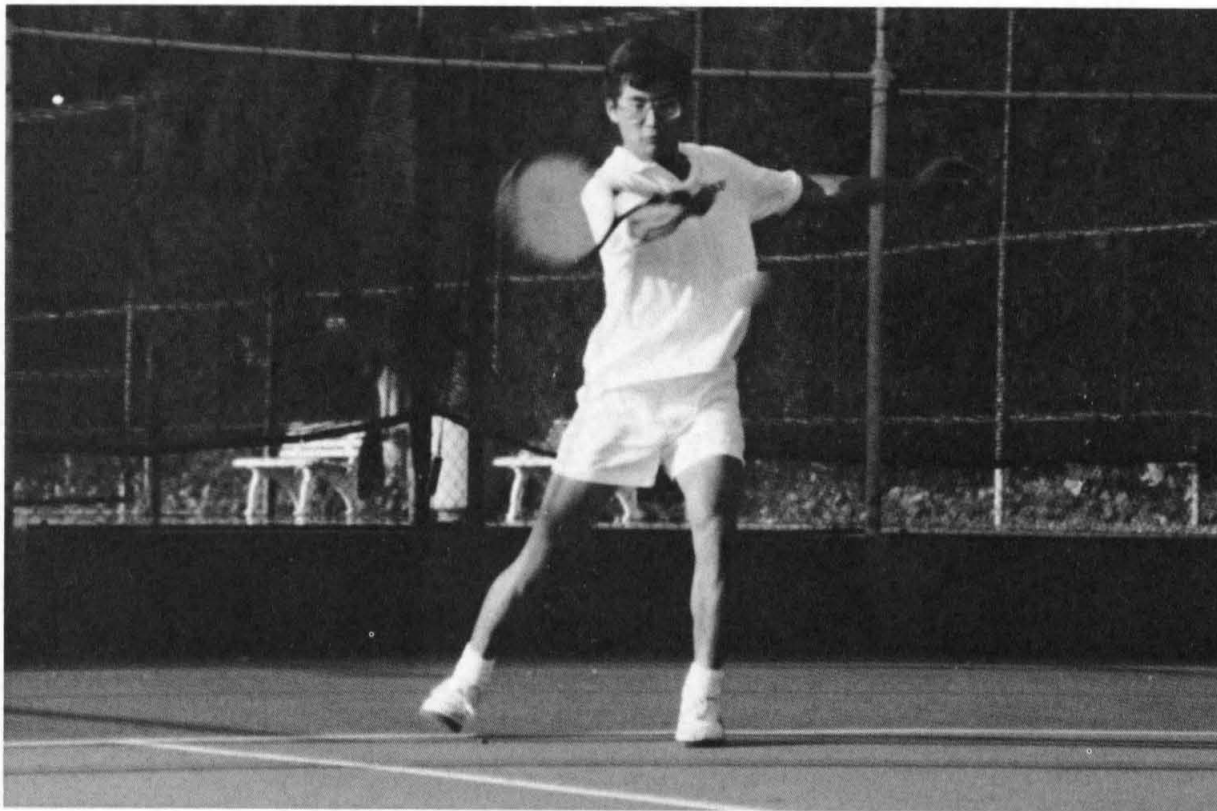
1989-90: 3 - 17 Conf: 1 - 11 Cumulative: 22 - 110

| Day | Date | Opponent | Location | Results |
|------|------|------------------------|----------------|---------|
| Sat. | 1-27 | Christ College | Christ College | 3-5 |
| Thu. | 2-1 | Pasadena City College | P.C.C. | 1-7 |
| Sat. | 2-3 | Pomona-Pitzer | Pomona | 0-9 |
| Wed. | 2-7 | LaVerne | Caltech | 4-5 |
| Sat. | 2-10 | Mount Saint Mary's | Mt. St. Mary's | 9-0 |
| Wed. | 2-14 | Claremont-Mudd-Scripps | Caltech | 0-9 |
| Sat. | 2-17 | Redlands | Redlands | 0-9 |
| Wed. | 2-21 | Pomona-Pitzer | Caltech | 0-9 |
| Sat. | 2-24 | Biola | Caltech | 0-9 |
| Wed. | 2-28 | Occidental | Caltech | 0-9 |
| Fri. | 3-2 | Mills College | Caltech | 2-7 |
| Sat. | 3-3 | Whittier | Whittier | 4-5 |
| Wed. | 3-7 | Cal Lutheran | Caltech | 2-7 |
| Fri. | 3-9 | Pasadena City College | Caltech | 2-7 |
| Sat. | 4-7 | Occidental | Caltech | 0-9 |
| Wed. | 4-11 | Christ College | Caltech | 6-3 |
| Wed. | 4-18 | Redlands | Redlands | 0-9 |
| Sat. | 4-21 | Claremont-Mudd-Scripps | CMS | 0-9 |
| Wed. | 4-25 | Whittier | Caltech | 4-5 |
| Sat. | 4-28 | LaVerne | LaVerne | 5-4 |









Men's Tennis



TENNIS

1989-90: 5 - 13

Conf: 1 - 11

Cumulative: 242 - 547

| Day | Date | Opponent | Location | Results |
|------|------|-----------------------|----------------|---------|
| Sat. | 1-27 | Southern Cal. College | Caltech | 7-2 |
| Fri. | 2-2 | Menlo College | Caltech | 5-4 |
| Tue. | 2-6 | Southern Cal College | So. Cal. Coll. | 3-6 |
| Sat. | 2-10 | Occidental | Occidental | 0-9 |
| Tue. | 2-13 | Pomona-Pitzer | Caltech | 0-9 |
| Sat. | 2-17 | Claremont-Mudd | Claremont | 0-9 |
| Tue. | 2-20 | LaVerne | Caltech | 4-5 |
| Sat. | 2-24 | Whittier | Whittier | 2-7 |
| Tue. | 2-27 | Redlands | Caltech | 0-9 |
| Sat. | 3-3 | Christ College | Christ College | 4-5 |
| Tue. | 3-6 | Occidental | Caltech | 1-8 |
| Sat. | 4-7 | Redlands | Redlands | 0-9 |
| Tue. | 4-10 | Claremont-Mudd | Caltech | 0-9 |
| Sat. | 4-14 | Faculty | Caltech | 6-5 |
| Sat. | 4-21 | Pomona-pitzer | Pomona | 0-9 |
| Tue. | 4-24 | Whittier | Caltech | 4-5 |
| Sat. | 4-28 | LaVerne | LaVerne | 8-1 |
| Tue. | 5-1 | Christ College | Caltech | 6-3 |

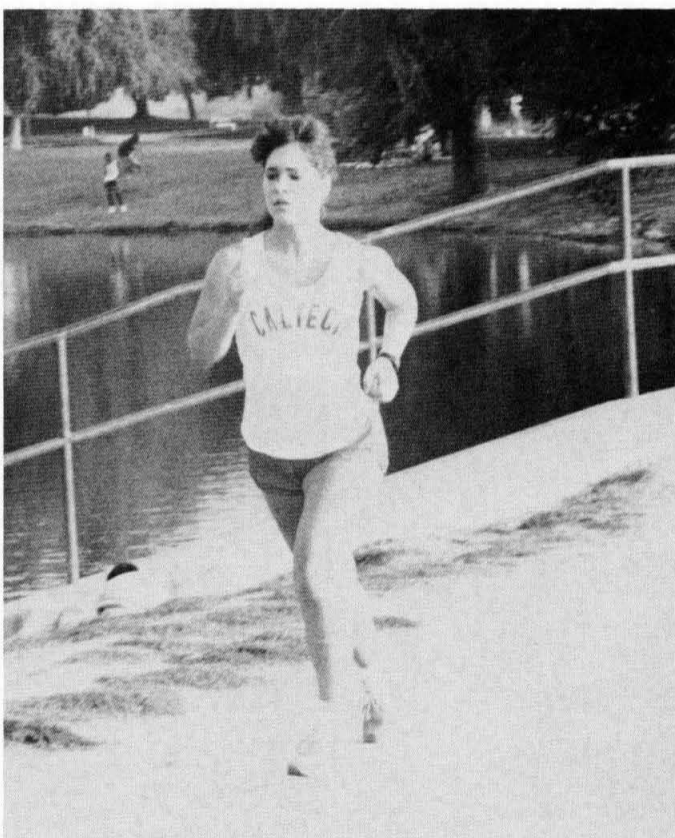
MEN'S CROSS-COUNTRY

1989-90: 12 - 3 Conf: 3 - 3 Cumulative: 234 - 211 - 5

| Day | Date | Opponent | Location | Results |
|------|-------|-----------------------------|----------------|---------|
| Sat. | 9-16 | Whittier Invitational | Whittier | seventh |
| Sat. | 9-23 | Whittier | Legg Lake | 26-31 |
| | | Claremont-Mudd-Scripps | Legg Lake | 50-15 |
| | | LaVerne | Legg Lake | 15-50 |
| Sat. | 9-30 | Christ College | Caltech | 15-50 |
| | | LaVerne | Caltech | 15-50 |
| | | Life | Caltech | 21-34 |
| | | Masters | Caltech | 20-35 |
| | | Pepperdine | Caltech | 22-33 |
| | | Southern Cal College | Caltech | 19-36 |
| | | Whittier | Caltech | 15-50 |
| Sat. | 10-7 | Redlands | Redlands | 42-15 |
| | | Whittier | Redlands | 23-25 |
| | | Pomona-Pitzer | Redlands | 41-15 |
| Sat. | 10-21 | Occidental | Caltech | 25-30 |
| | | Whittier | Caltech | 21-36 |
| Sat. | 10-28 | SCIAC Championship | La Mirada Park | fifth |
| Sat. | 11-11 | NCAA Division III Regionals | Santa Cruz | seventh |



Cross Country



WOMEN'S CROSS-COUNTRY

1989-90: 7 - 8 Conf: 1 - 5 Cumulative: 32 - 82

| Day | Date | Opponent | Location | Results |
|------|-------|-----------------------------|----------------|---------|
| Sat. | 9-16 | Whittier Invitational | Whittier | tenth |
| Sat. | 9-23 | Whittier | Legg Lake | 49-15 |
| | | Claremont-Mudd-Scripps | Legg Lake | 50-15 |
| | | LaVerne | Legg Lake | 28-38 |
| Sat. | 9-30 | Christ College | Caltech | 15-50 |
| | | LaVerne | Caltech | 19-36 |
| | | Life | Caltech | 15-50 |
| | | Masters | Caltech | 37-18 |
| | | Pepperdine | Caltech | 37-18 |
| | | Southern Cal College | Caltech | 15-50 |
| | | Whittier | Caltech | 20-35 |
| Sat. | 10-7 | Redlands | Redlands | 34-21 |
| | | Whittier | Redlands | 40-15 |
| | | Pomona-Pitzer | Redlands | 40-15 |
| Sat. | 10-21 | Occidental | Caltech | 35-21 |
| | | Whittier | Caltech | 40-15 |
| Sat. | 10-28 | SCIAC Championship | La Mirada Park | sixth |
| Sat. | 11-11 | NCAA Division III Regionals | Santa Cruz | ninth |

Opposite Page. Top Row: (left to right) Tristy Kibbey, Valerie Jacox, Jennifer Dooley, John Pham, Brian Kurkowski, John Freeman, Dan Lipofsky, Mark Land, Brady Montz, Kade Larsen, Jason MacLeod, Dan Flees, Truxton Fulton, Todd Walker, Steve McLaughlin, Scott Kister, Jessie Haldeman, Erika Moilanen, Amy Hansen. **Middle Row:** (left to right) Coach Jim O'Brien, Miran Rhee, Melissa Li, Yuka Yonebayashi, Margi Pollack, Jennifer Remine, Alan Thompson, Paul Socolow, Dave Kim, Rick Oliver, Kurt Storm, Liz Warner, Maria Toronto, Kitt Hodsdon. **Bottom Row:** (left to right) Karen Ross, Aimee Smith, Jonah Michaud, Mark Lyttle, Korhan Gurkan, William Watson, Derek Slye, Mike Ida, Johnny Ng, Ami Choksi, Mary Rowe. **Not Pictured:** Matt Avalos, Chris Campo, Gil Elbaz, Matt Fetterman, Mike Mahon, David Max, Golda Bernstein, Anna George, Cathy Hafer, Tara Kirby, Yvonne Lung, Patty Tsai.



Top Row: (left to right) J. Freeman, D. Ross, M. Ida, J. Pham, S. Kister, D. Slye, C. Goddard, J. Martin, J. Tsai. **Middle Row:** (left to right) R. Baltzersen, G. Dudey, A. Thompson, J. Prater, D. Kollmorgen, L. Warner, B. Swanson, E. Naranjo, R. Ralph, M. Mahon, B. Montz, C. Campo, S. Harkness. **Front Row:** (left to right) Head Coach J. O'Brien, A. Smith, K. Hodsden, J. Remine, Assistant Coach T. Meledy. **Not Pictured:** A. Choksi, G. Bernstein, M. Toronto, Assistant Coach A. Ros, D. Park, G. Eastvedt, R. Whiteley, R. Stevenson, P. Socolow, W. Watson, A. Ho, T. McLaughlin, D. Lande, C. Nakasone, R. Oliver, A. Risal.



WOMEN'S TRACK

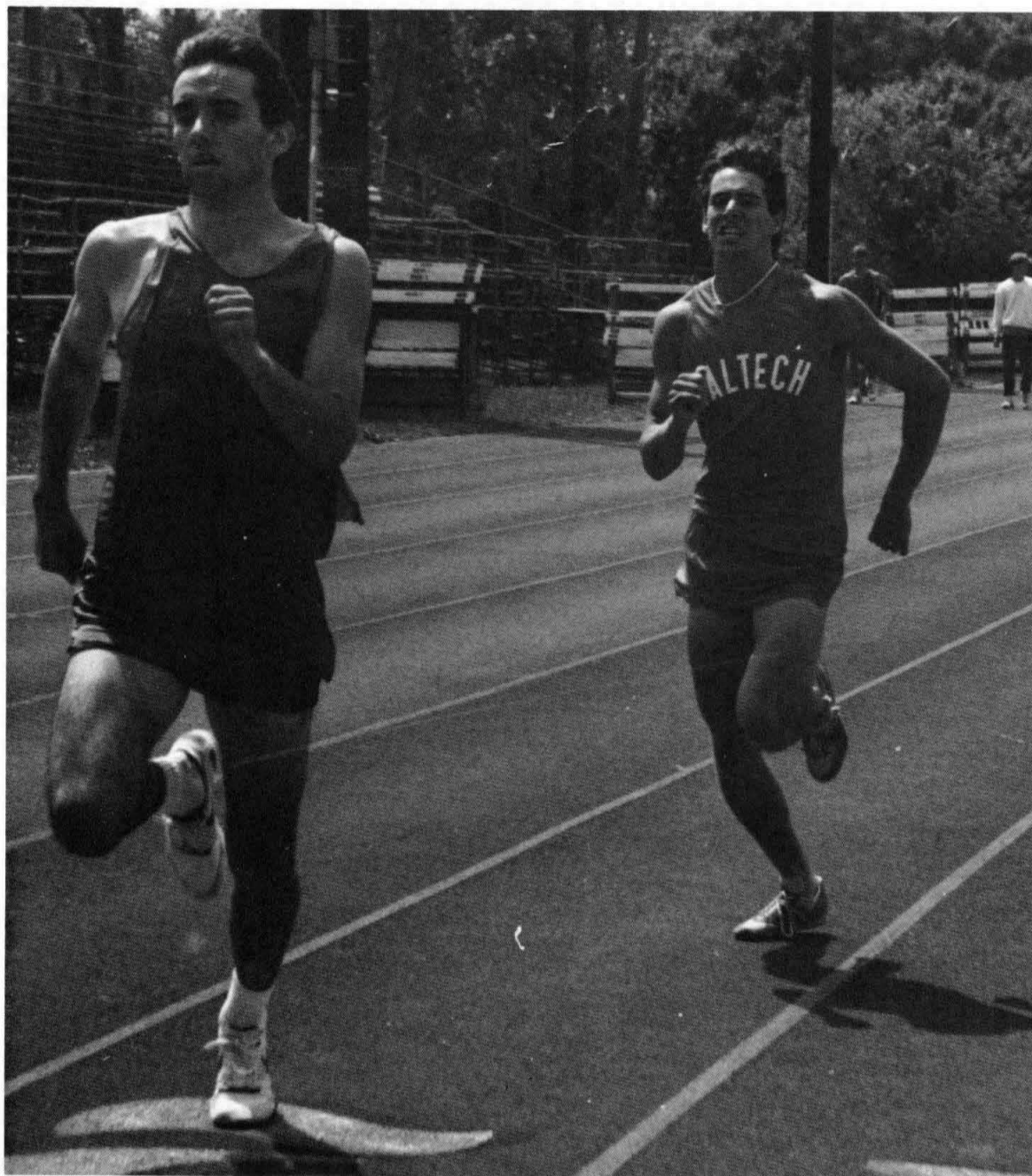
1989-90: 13 - 10 Conf: 2 - 4 Cumulative: 33 - 38

| Day | Date | Opponent | Location | Results |
|------|------|------------------------|-----------|---------|
| Sat. | 2-10 | Biola | Caltech | 43-55 |
| | | Cal Lutheran | Caltech | 47-40 |
| | | Christ College | Caltech | 51-33 |
| | | Claremont-Mudd-Scripps | Caltech | 32-70 |
| | | LaVerne | Caltech | 50-20 |
| | | Masters | Caltech | 57-5 |
| | | Mount Saint Mary's | Caltech | 52-10 |
| | | Whittier | Caltech | 57-5 |
| Sat. | 2-24 | Christ College | Caltech | 60-31 |
| | | LaVerne | Caltech | 53-44 |
| | | Masters | Caltech | 61-3 |
| | | Whittier | Caltech | 53-41 |
| Sat. | 3-3 | Claremont-Mudd-Scripps | Claremont | 13-116 |
| | | Occidental | Claremont | 17-102 |
| | | Pomona-Pitzer | Claremont | 16-108 |
| Sat. | 3-10 | Christ College | Caltech | 60-75 |
| | | LaVerne | Caltech | 81-30 |
| | | Mount Saint Mary's | Caltech | 94-15 |
| Sat. | 4-7 | Pomona-Pitzer | Pomona | 9-99 |
| | | Whittier | Pomona | 13-63 |
| Sat. | 4-21 | LaVerne | Caltech | 62-28 |
| | | Pomona-Pitzer | Caltech | 16-112 |
| | | Redlands | Caltech | 36-66 |
| Sat. | 4-28 | SCIAC Championships | Redlands | Seventh |

MEN'S TRACK

1989-90: 15 - 7 Conf: 2 - 4 Cumulative: 251 - 331

| Day | Date | Opponent | Location | Results |
|------|------|---------------------|-----------|---------|
| Sat. | 2-10 | Biola | Caltech | 98-48 |
| | | Christ College | Caltech | 116-24 |
| | | Claremont-Mudd | Caltech | 74-83 |
| | | LaVerne | Caltech | 127-16 |
| | | Life | Caltech | 134-5 |
| | | Masters | Caltech | 117-27 |
| | | Whittier | Caltech | 129-10 |
| Sat. | 2-24 | Christ College | Caltech | 123-28 |
| | | LaVerne | Caltech | 131-20 |
| | | Masters | Caltech | 132-19 |
| | | Whittier | Caltech | 104-46 |
| Sat. | 3-3 | Claremont-Mudd | Claremont | 51-111 |
| | | Occidental | Claremont | 40-124 |
| | | Pomona-Pitzer | Claremont | 43-115 |
| Sat. | 3-10 | Christ College | Caltech | 101-55 |
| | | LaVerne | Caltech | 121-21 |
| | | Masters | Caltech | 131-10 |
| Sat. | 4-7 | Pomona-Pitzer | Pomona | 43-121 |
| | | Whittier | Pomona | 111-50 |
| Sat. | 4-21 | LaVerne | Caltech | 96-9 |
| | | Pomona-Pitzer | Caltech | 35-122 |
| | | Redlands | Caltech | 43-112 |
| Sat. | 4-28 | SCIAC Championships | Redlands | Sixth |



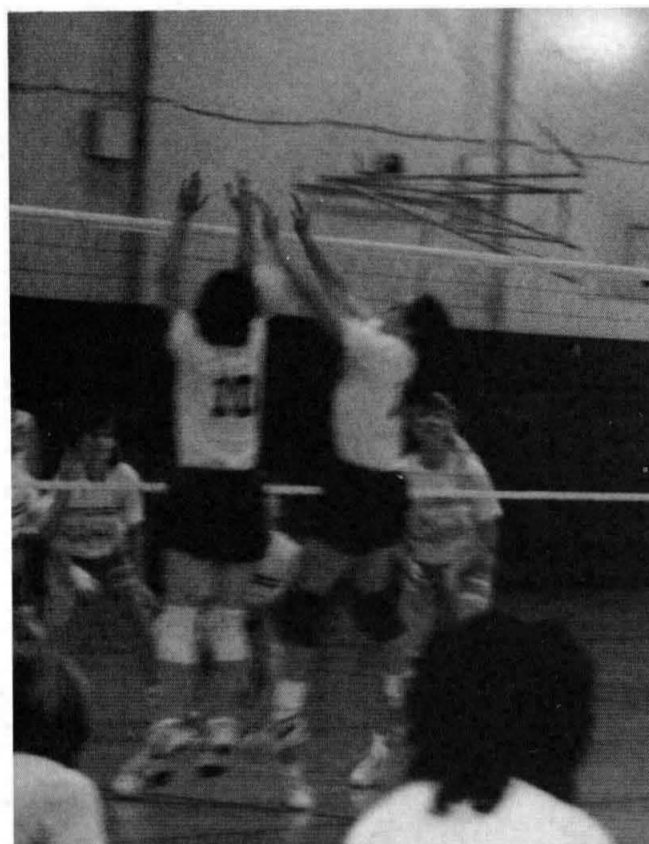
Track

WOMEN'S VOLLEYBALL

1989-90: 4 - 9

Cumulative: 50 - 96 - 2

| Day | Date | Opponent | Location | Results |
|------|-------|-----------------------|-------------------|---------|
| Wed. | 9-20 | Whittier | Whittier | 0-3 |
| Sat. | 9-30 | Occidental | Caltech | 2-3 |
| Wed. | 10-4 | Christian Heritage | Caltech | 3-2 |
| Sat. | 10-7 | Pacific Christian | Caltech | 0-3 |
| Wed. | 10-11 | Loma Linda University | Loma Linda | 2-3 |
| Mon. | 10-16 | Pasadena City College | Caltech | 0-3 |
| Wed. | 10-18 | Pacific Christian | Pacific Christian | 0-3 |
| Sat. | 10-21 | Occidental | Occidental | 1-3 |
| Wed. | 10-25 | Mount Saint Mary's | Mt. St. Mary's | 2-3 |
| Sat. | 10-28 | Barstow City College | Barstow C.C. | 3-1 |
| Mon. | 10-30 | Loma Linda University | Caltech | 3-2 |
| Sat. | 11-4 | Mount Saint Mary's | Caltech | 0-3 |
| Sat. | 11-11 | Christian Heritage | Caltech | 3-2 |



Top: (left to right) C. Gazis, C. Wilson, J. Moses, C. Smith, L. Hwang, Assistant Coach R. Nickells. **Front:** (left to right) K. Quinn, E. Naranjo, J. Yang, T. Derrington, A. Eldering, C. Mayeda.



Volleyball

CALIFORNIA INSTITUTE OF TECHNOLOGY

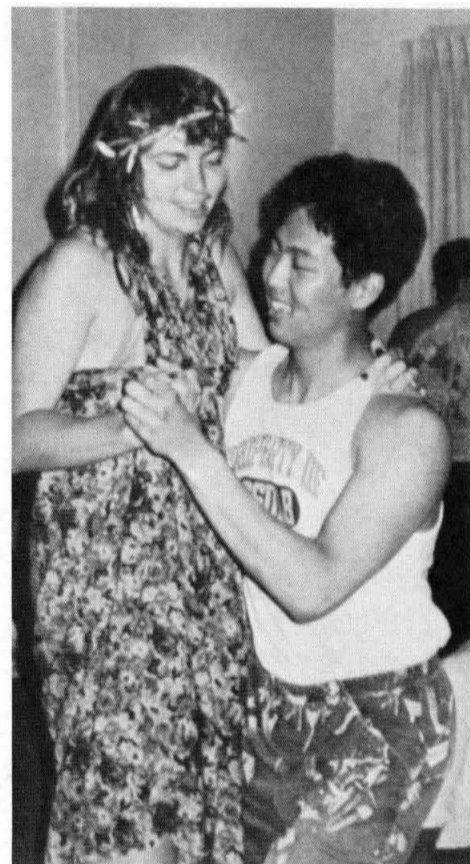
OFFICE OF THE DEAN 102-31

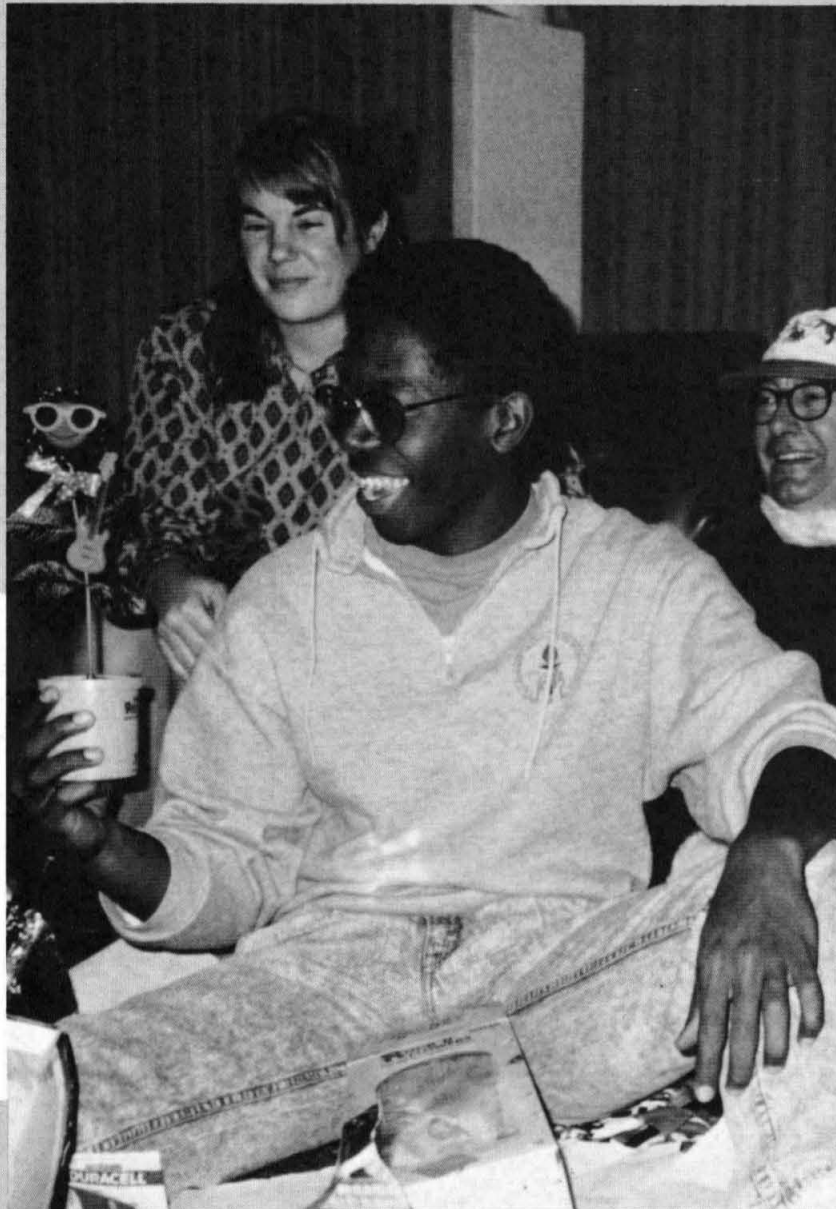
MEMORANDUM

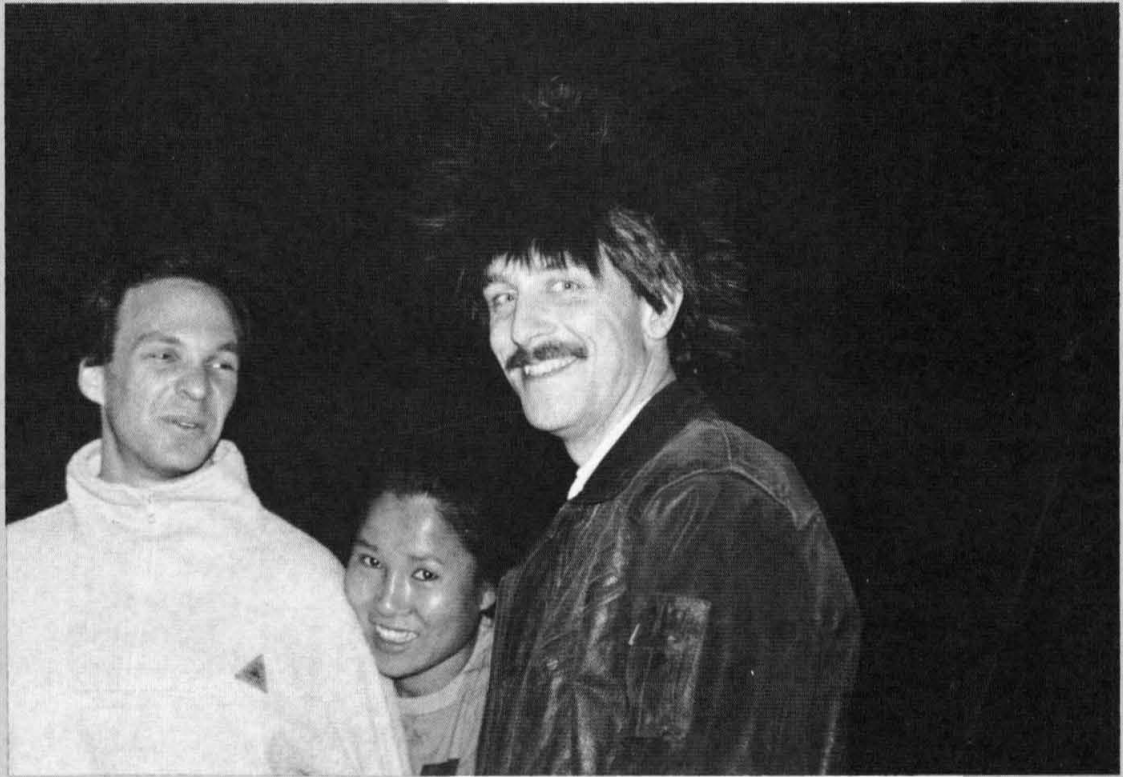
TO: Undergraduate Students
FROM: Christopher E. Brennen, Dean of Students
DATE: June 13, 1990
SUBJECT: Bibi Jentoft-Nilsen



It is with very great sadness that I must tell you of the tragic death of Birgitta "Bibi" Jentoft-Nilsen, a 1989 graduate in Biology. Bibi was killed in a motorcycle accident in Alaska earlier this week. All of us who were privileged to know and work with her during her years at the Institute recognize that the nation has lost a truly outstanding young leader. Bibi's contributions to student life at Caltech were exceptional and multi-faceted. She was one of the stars of the cross-country, track and field, and soccer teams. In 1988 she won SCIAC honors and was the most valuable runner and the captain of the cross-country team. She was the President of Blacker House, served as Director-at-large on the ASCIT Board and was a student representative on the Curriculum Committee. She participated in Chamber Music and the Model U.N. In 1987-88 she was the winner of the Masters' Cup for outstanding service to the undergraduate community. All of this is in addition to her excellent academic record. With her energy and commitment there is no doubt that she was destined for great achievements.

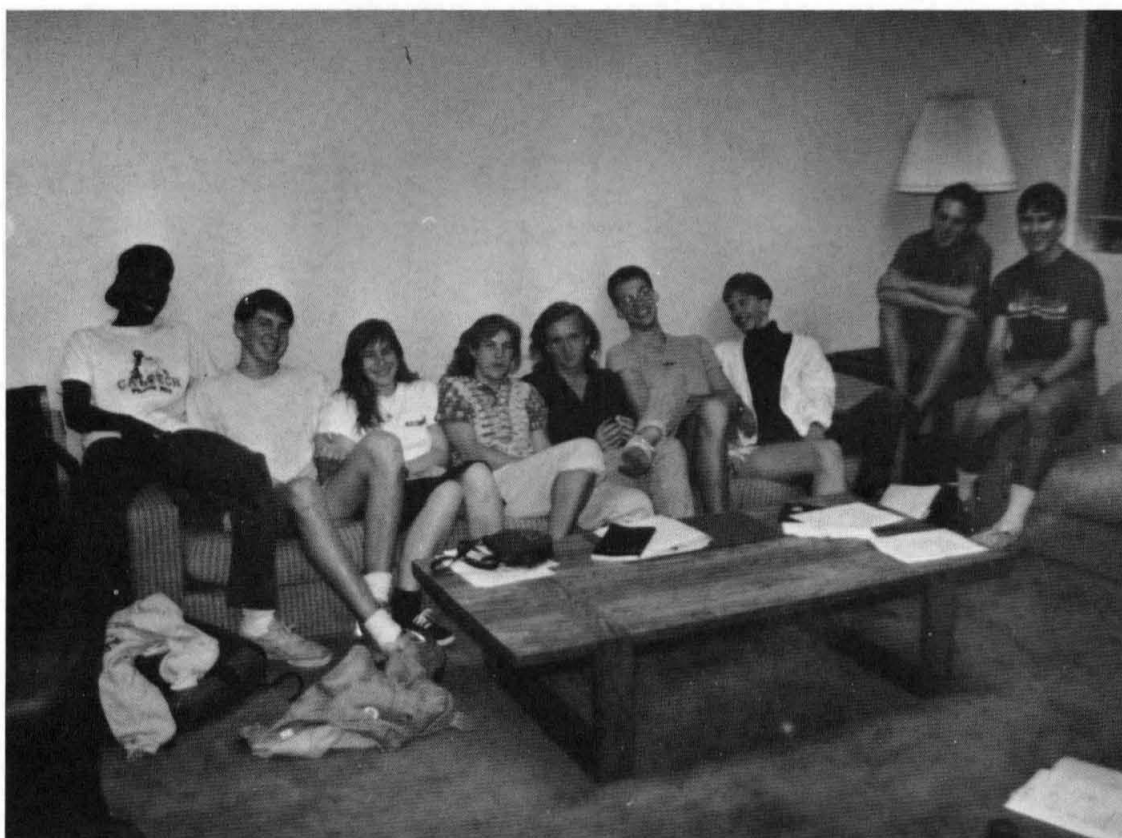






INTERESTS

ASCIT BOD: (left to right) Jack Prater (IHC Chairman), Jason MacLeod (Director-at-Large), Pam Katz-Rosten (Treasurer), Aimee Smith (Social Activities), Dave Geraghty (our beloved President), Bill Swanson (Director at Large), Craig Volden (BOC Chairman), Mark Lyttle (Secretary), Scott Kister (Academic Affairs)



The Board of Control: (left to right) Alex Wein (Dabney), Raif Majeed (Lloyd), Maneesh Sahani (at Large), Craig Volden (Chairman), Nathan Frei (Page), Lieven Leroy (Blacker), Mike Nassir (Secretary), Carlos Ramirez (Ricketts), Karin Johnson (at Large). **Not Pictured:** Cathy Hafer (Fleming)



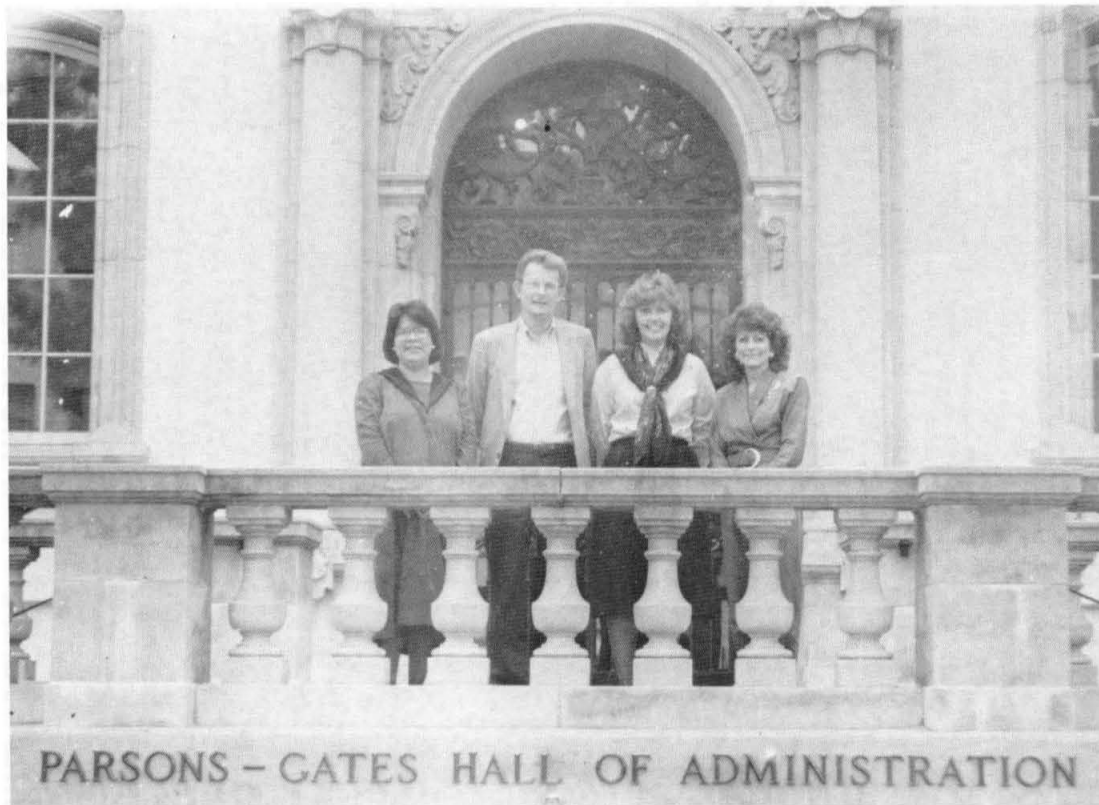


Editors, *California Tech*: (left to right)
Lindee Goh, Scott Kister, Emily Wen

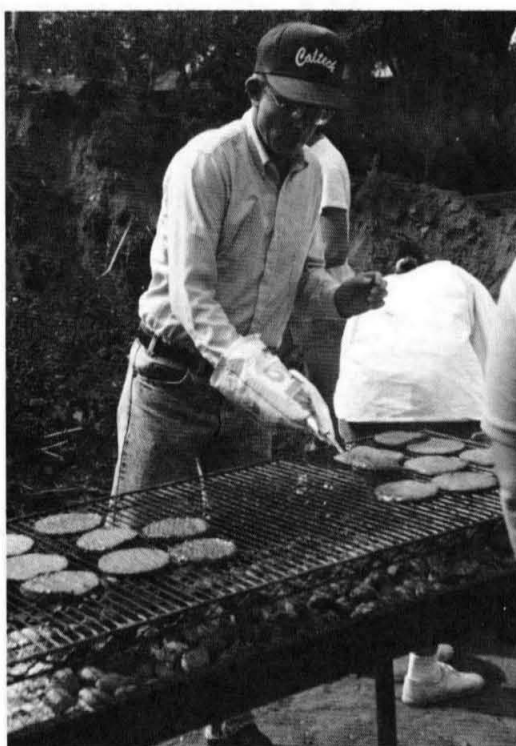


Interhouse Committee: (left to right)
Jack Prater (Chairman), Andrea Mejia
(Secretary), Bappa Mukherji (Page), Ran-
dy Stevenson (Lloyd), Bill Swanson
(Fleming), John Bomberger (Ruddock),
Dave Kim (Blacker), Pete Wyckoff (Dab-
ney), Chris Pluhar (Ricketts)

Deans' Office



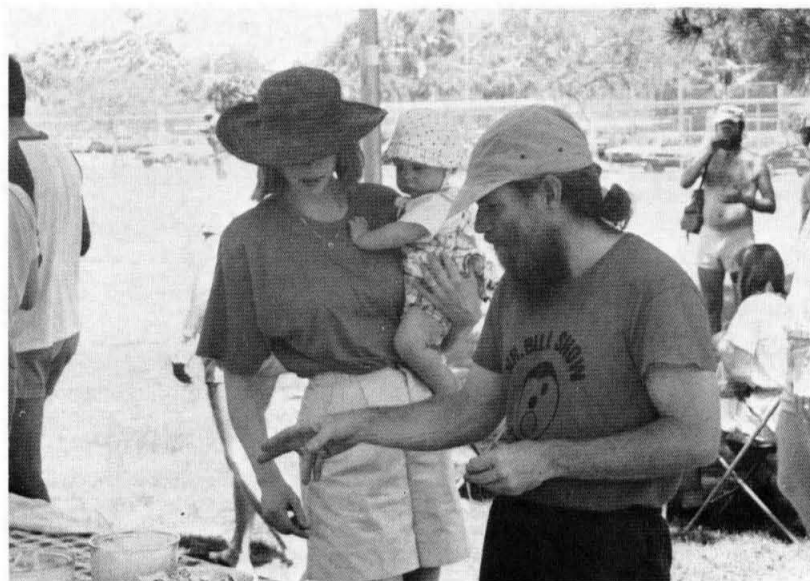
(left to right) Renee Lopez, Chris Brennen,
Barbara Green, Suzette Cummings



Masters' Office



(left to right) Sue Berkley, Louis Wilde, Elizabeth Sheiman



Wind Ensemble



Flutes: Beth Gross, Zena Harris, Peter Hofstee, Christina Reeck, Mary Rowe, Tom Skelton. **Piccolo:** Peter Hofstee, Tom Skelton. **Oboe:** Roger Tang, Betty Pun. **Clarinet:** Jeff Amato, Patti Brugman, Don Gross, Rob Harley, Michael Jones, Dong-Su Kim, Connie Josias, Alex Santoso. **E Flat Clarinet:** Don Gross, Connie Josias. **Alto Clarinet:** Trudi Wreede. **Bassoon:** John Wisniewski, Melissa Lunden. **Alto Saxophone:** Ray Richards, Richard Robinson. **Tenor Saxophone:** Dan Sandoval. **Baritone Saxophone:** Mark Lakata. **Cornets and Trumpets:** Richard Baltzersen, John Brugman, Paolo Coppi, Jeff Grundvig, Mark Hause, Alan Kulawik, Duane Marsteller, Carl Schultheisz, Mike Youngquist. **Horn:** Sharon Helson, David Ross, Aimee Smith, Hong-Ki Thio. **Trombone:** James Blinn, Mark Long. **Bass Trombone:** Mike Mossey. **Bari-
tone:** John Gass. **Tuba:** Pete Wyckoff, Brian Rickman. **Percussion:** Scott Babcock, Eric Bierwagen, John Grade, Ed Rhodes, Jeff Weiss.



Thursday Jazz Band: Alto Sax: Todd Gustavson, Roger Tang. Tenor Sax: Tom Fleming, Mark Lakata. Baritone Sax: Bob Bolender. Trumpets: John Brugman, Jeff Grundvig, David Delatte, Paolo Coppi. Trombone: Mark Long, David Marx, David Morton, Michael Mossey. Piano: Les Deutsch. Bass: Terry Linville. Guitar: Brad Erickson. Drums: Kevin Condroski, Jeff Weiss.



Monday Jazz Band: Alto Sax: Charlie Kwon. Tenor Sax: Dan Sandoval. Baritone Sax: Jindra Ranka. Trumpets: Grant Sitton, Randy Stevenson. Trombone: Matt Carlson. Piano: Allen Price. Bass: Steve Carson. Guitar: Robert Todd, Marc Hillmyer. Drums: Ari Kaplan, Keith Salomon. Percussion: Philip Fernandez.

Jazz Bands

Front Row: (left to right) Emily Wen, Jill Soha, Rachel Schwartz, Charlotte Manly, Alex Sugiyama, Grace Tsang, Ruchira Datta, Anita Lee, Diana McMahon. **Back Row** (left to right) Chris Orth, Ronen Barzel, John Krowas, Marissa La Madrid, Raffi Aroian, Elizabeth Wood, Min-Ei Chou, Mary Rowe, David Kirkby, Julian Chen



(left to right) Roger Tang, Shiu-Hong Lui, Rob Harley, Missy Lunden, Mike Nassir, Robin Luckey, Sharon Helson, Fred Upton, James Buntine, Barbara Dominik, Stephen Leroy, Karl Irikura, Monica Kohler, Stanley Grant, David Koerner. **Not Pictured:** Garland Lee, Betty Pun, Paolo Coppi, Aimee Smith, David Marx, Yvonne Liu, Craig Jin.





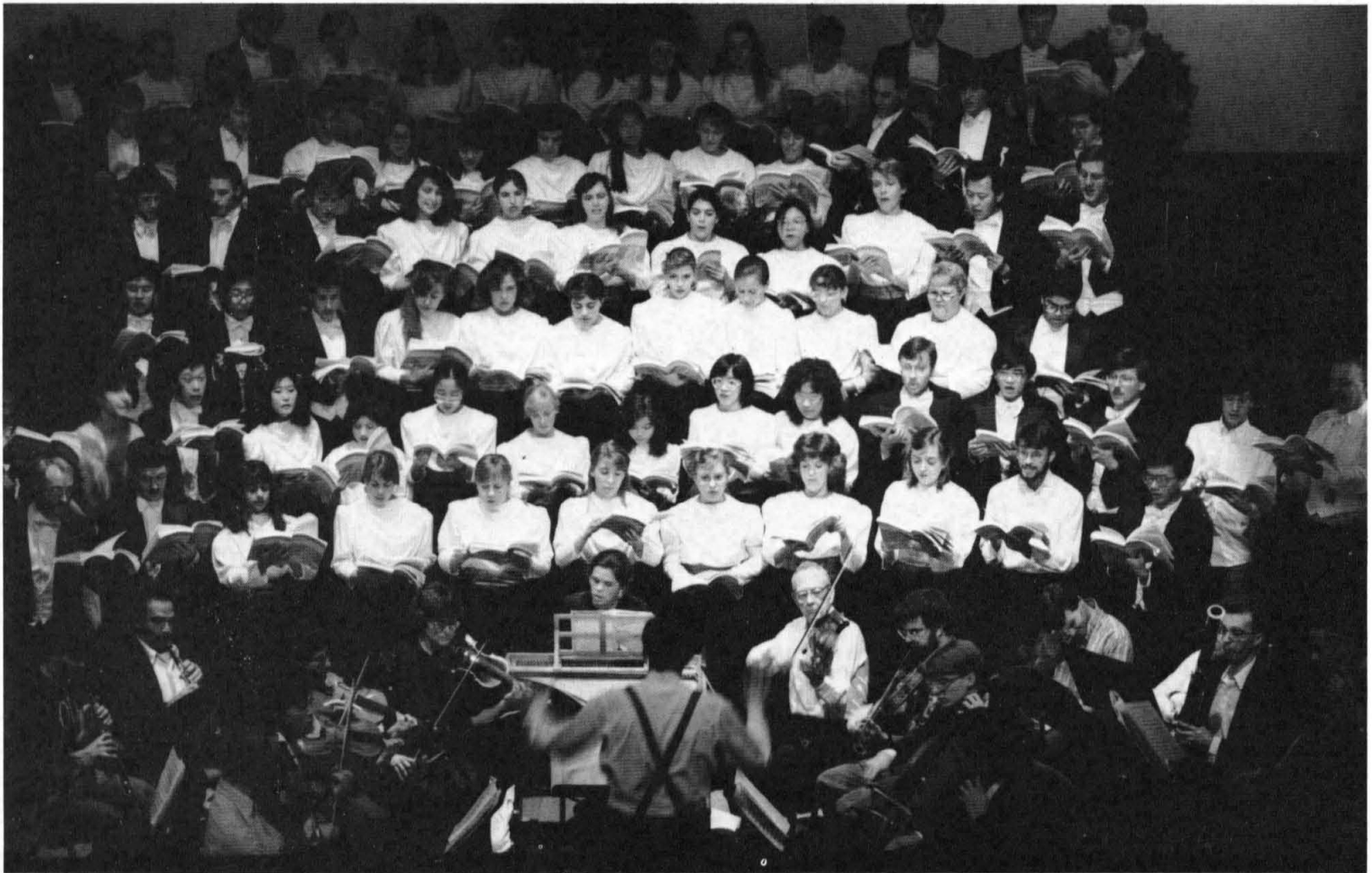
(left to right) Aaron Lippman, Drew Bailey, Dave Rhoadarmer, Alex Santoso, Craig Sosin, Mike Youngquist, Gert Cauwenberghs, Jim Mori

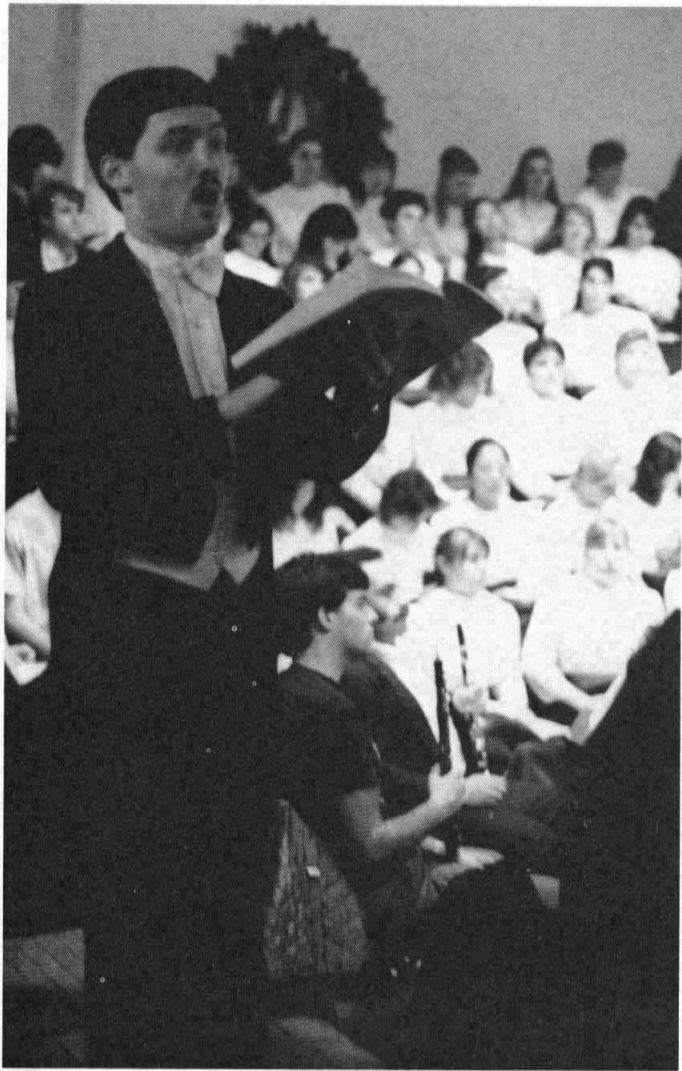


Front Row: (left to right) Mike Ehlers, Areez Mody, Berna Massingill, Grace Tsang, Charlotte Manly, Julie Yee, Mike Nassir. **Back Row:** (left to right) Lucy Jones, Ben Skrainka, Mike Mossey, William Bing, Delores Bing, Joel Norris, Rex Lew, Pete Wyckoff, Chris Rosin, Luise Engelhardt, Barbara Wyslouzil, Mark Mazurek, Eugene Lit, Maneesh Sahani, Erich Schneider, Peter Hofstee, Marianne Martin

Chamber Music

Mens and Womens Glee Clubs





Don't let it be forgot
That once there was a spot
For one brief shining moment
That was known as

CAMELOT



Clockwise from top: Bruce McLaughlin as Pellinore with Horred the dog and Lynn Cooper as Guinivere; "Fie on Goodness!"; At the Jousts...; David Goodstein as Merlin with Jonah Michaud as Archimedes the Owl.





Clockwise from bottom: “Derry down dell – Damn! but its hell...”; Dave Stevens as Lancelot; Mark Adler as King Arthur, just before the final battle; Issac Gary as Tom Mallory, with King Arthur.



CCSA

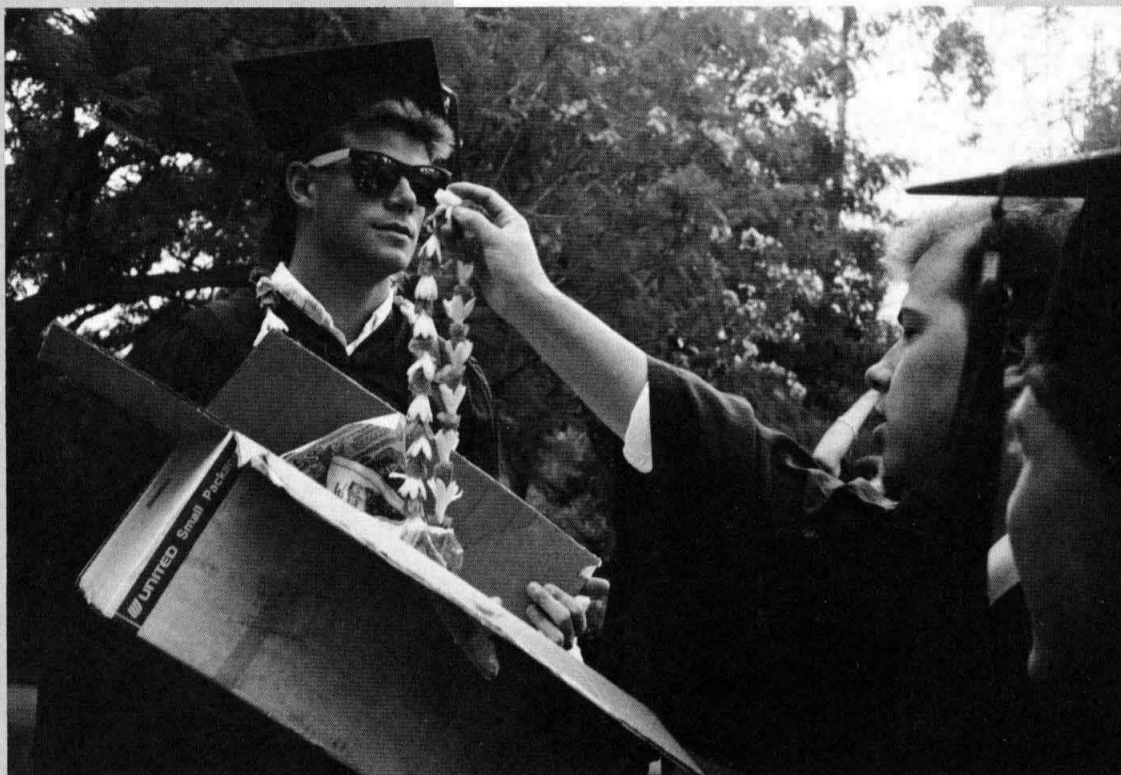


Caltech Y



Back Row: (left to right) Brian Redin, Dick Brown, Dave Geraghty, David Mackay, Carver Farrow, Richard Song, Eric Stout, Steve Perry, Teresa Engelhard, Craig Volden. **Front Row:** (left to right) Lucy Guernsey, Sonny Arcilla, Kate Loomis, Steve Bard, Bappa Mukherji, Golla Bernstein, Linda Maepa, Lan Smith, Dwight Berg, Mary St. Martin, Burnice Reda, Bob Maher.





SENIORS

Paul Amadeo
Applied Physics
Wayside, NJ

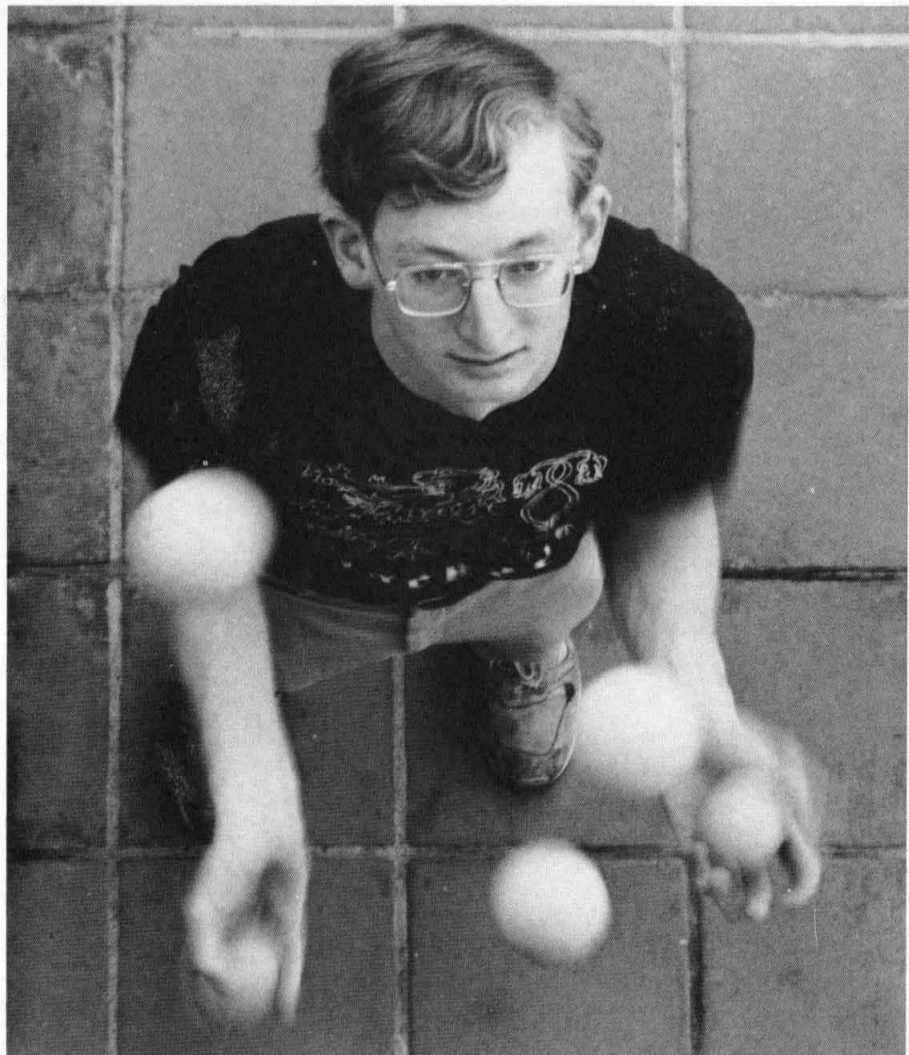
Laugh while you can, monkey boy!

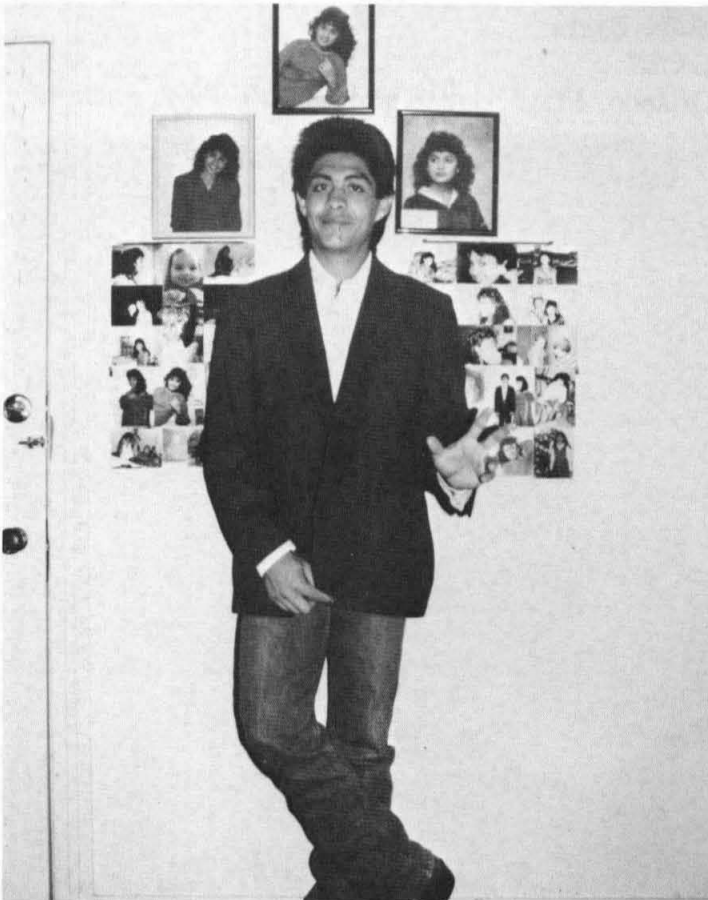


Syed Zubair Ahmad
Electrical Engineering
Lahore, Pakistan

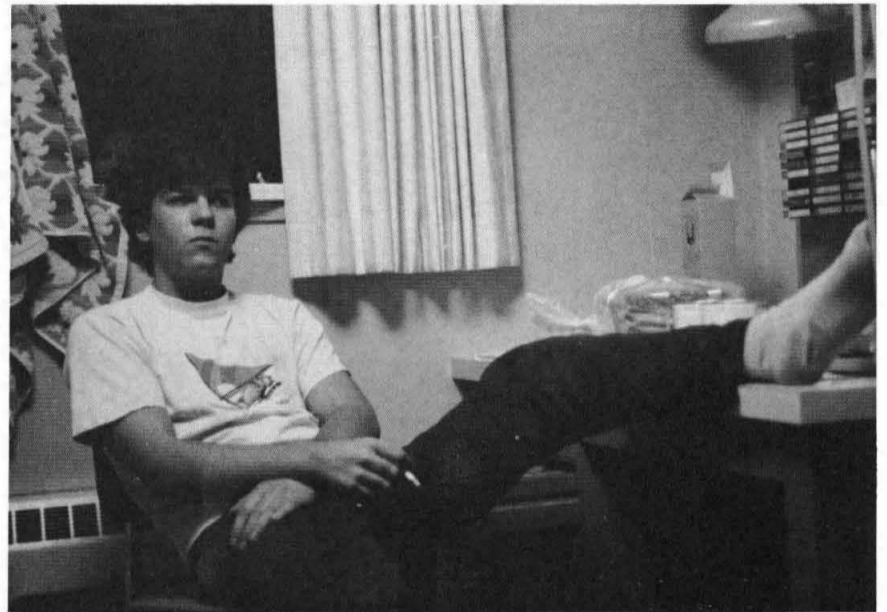


Ken Andrews
Applied Physics
Whitmore Lake, MI





Manuel Aranda Jr.
Biology
El Paso, TX



Dimitrios Antsos
Electrical Engineering
Thessaloniki, Greece

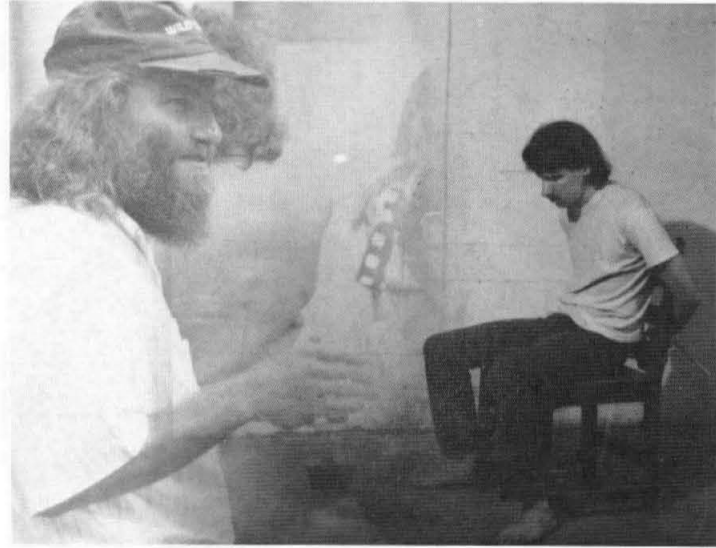
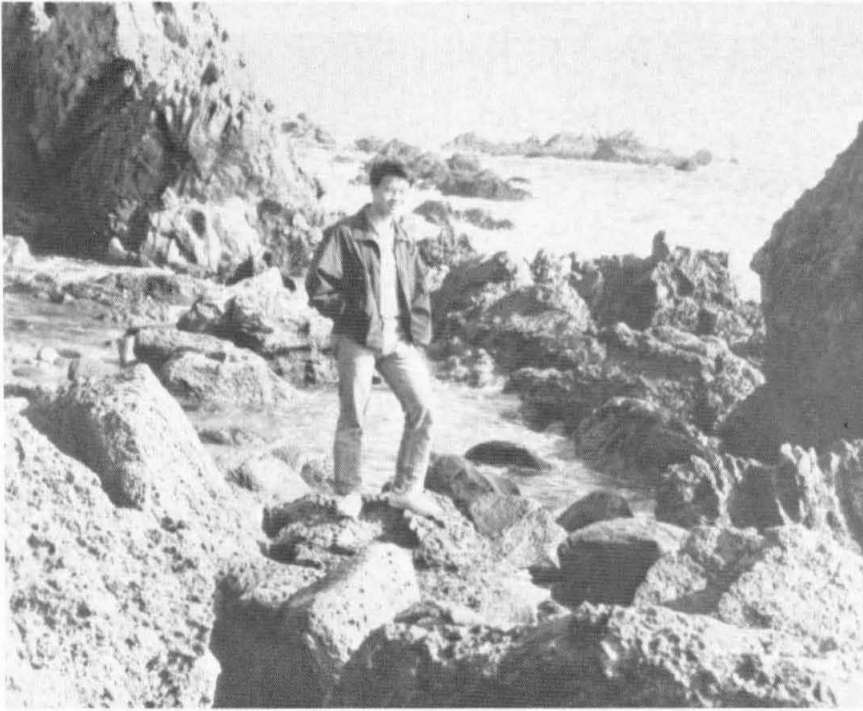


Arthur Ang
Mechanical Engineering
Menlo Park, CA

I got myself in gear at Caltech

Steve Byers
E&AS
Orlando, FL

"He loved Big Brother."



Huy Cao
Math
Huntington Beach, CA

"However close human beings may be to one another, there is always a gulf between them that only love can bridge, and even then the bridge is only temporary."

— Hermann Hesse

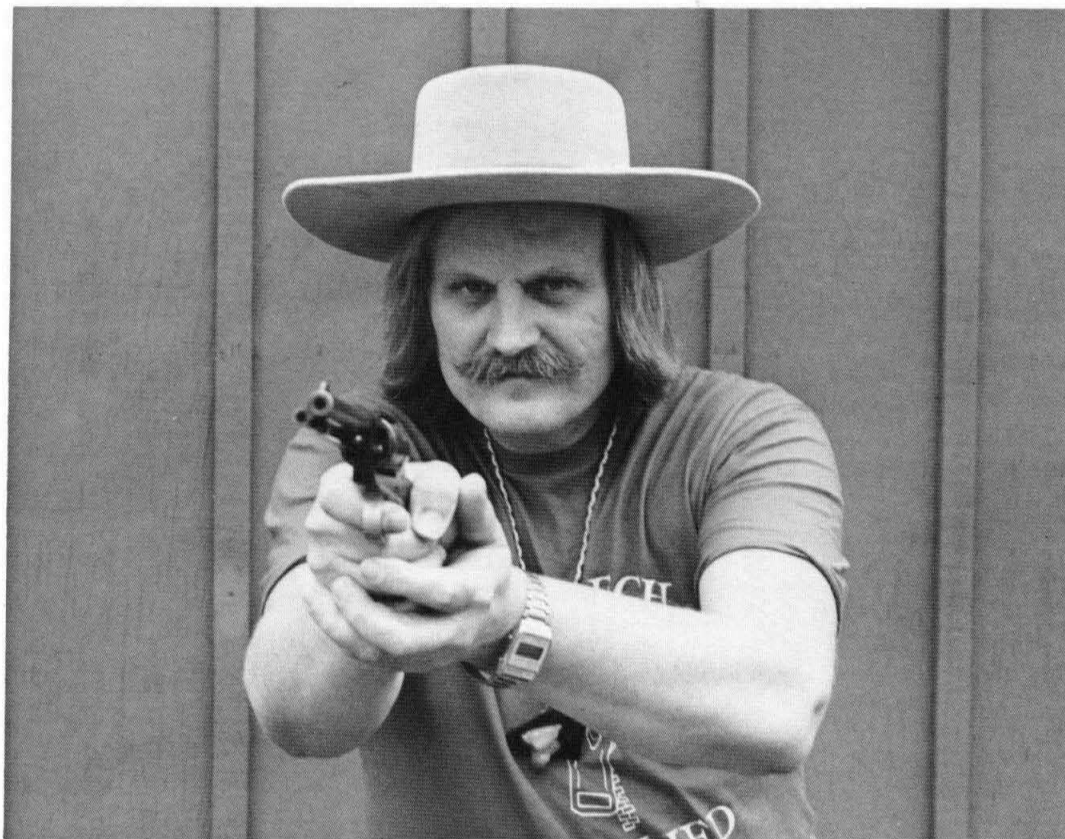
Brian Brandt
Biology / CNC
Hollywood, CA

"Goodbye Los Angeles - I miss you already"

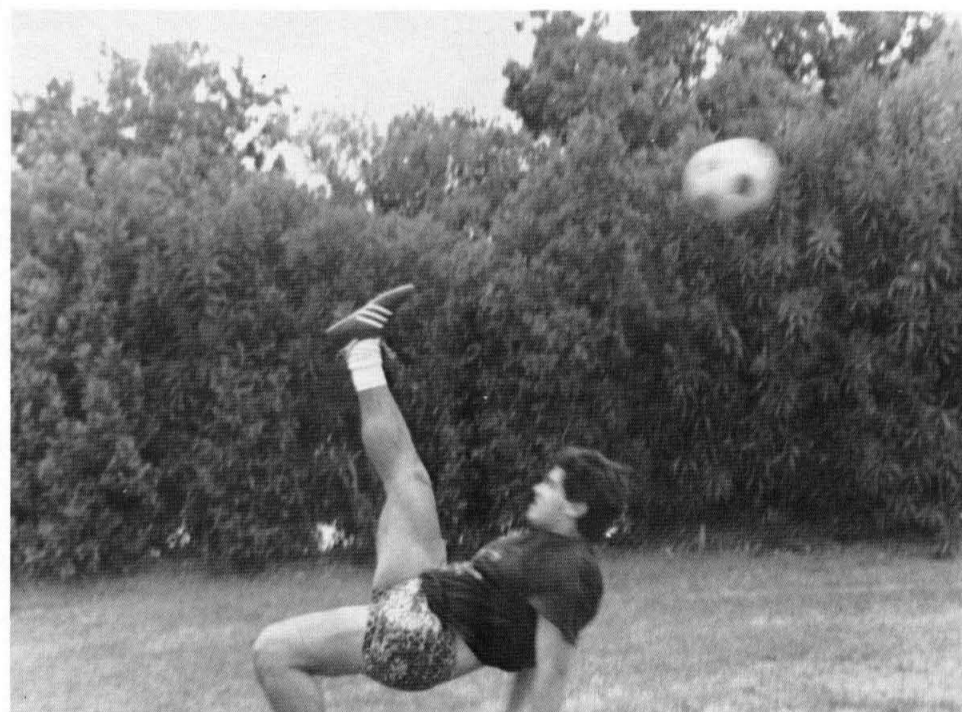


So many professors, so few bullets

The stress of three years at Caltech had a tragic effect on the aging process.



Herb Burrows
Electrical Engineering
Glendale, CA



Kleber Camacho
E&AS
San Gabriel, CA

Andrew Chen
Physics / Applied Math
Brooklyn, NY

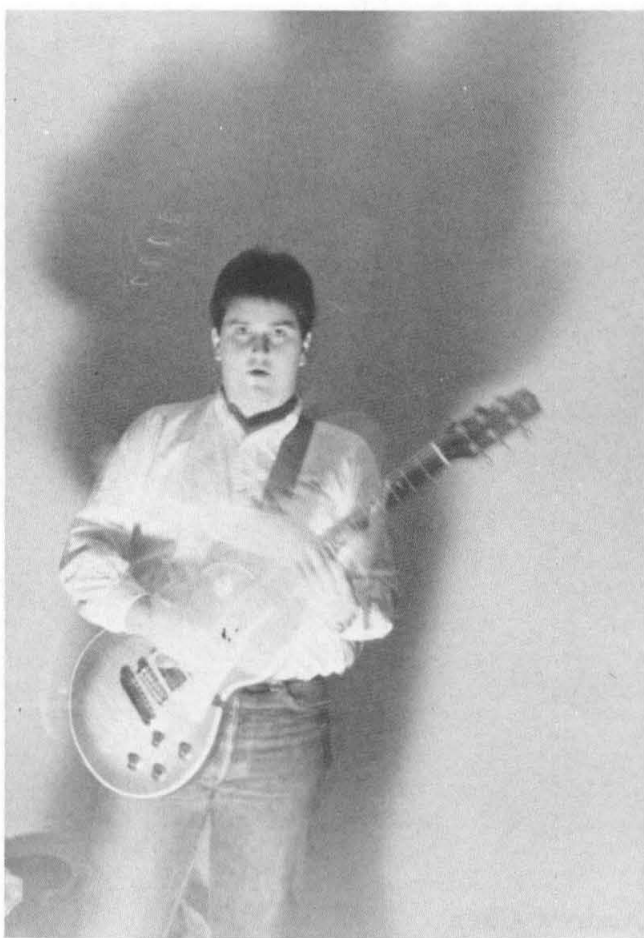
Left
William Cross
Applied Math
Kalamazoo, MI



Right
Ami Choksi
Chemistry /
Biology
Northridge, CA



Left
Steven Clinard
Electrical
Engineering
Upland, CA



Right
Benjamin Chew
Chemistry
San Jose, CA





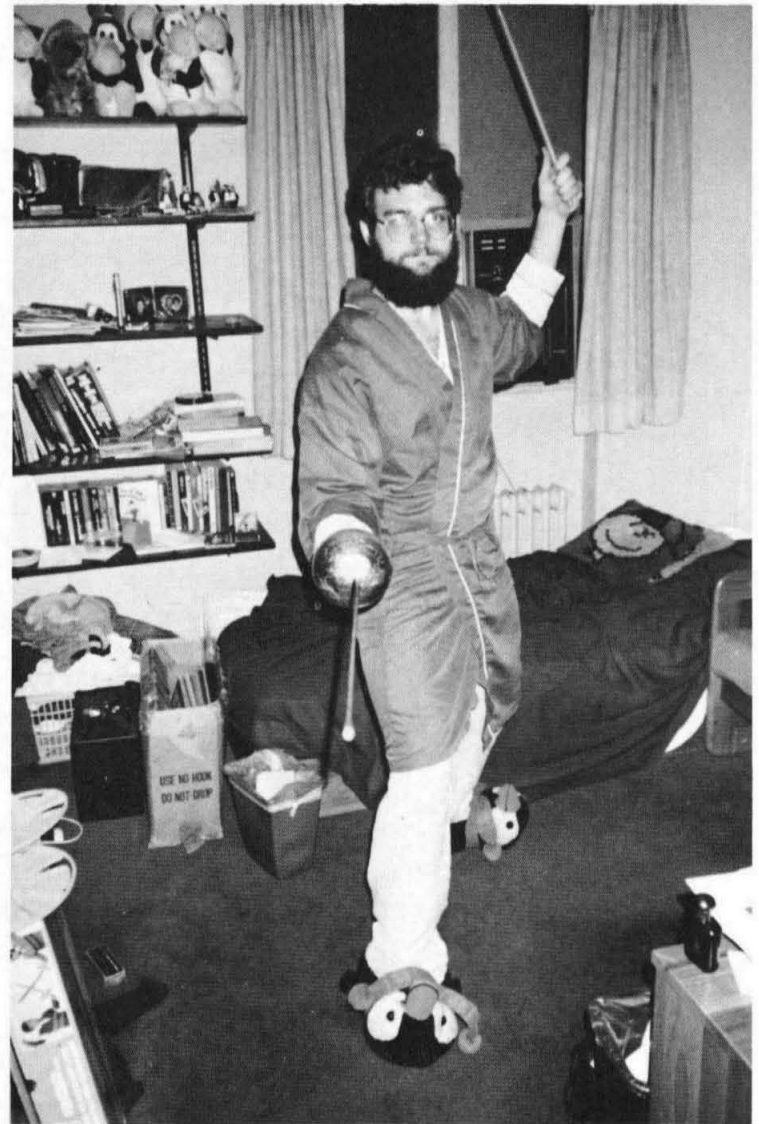
Shao C. Fang
E&AS
West Covina, CA

"I am you and what I see is me.
Should I take you by the hand,
and lead you through the land,
And help me to understand the
best I can?"

— Pink Floyd, Echoes

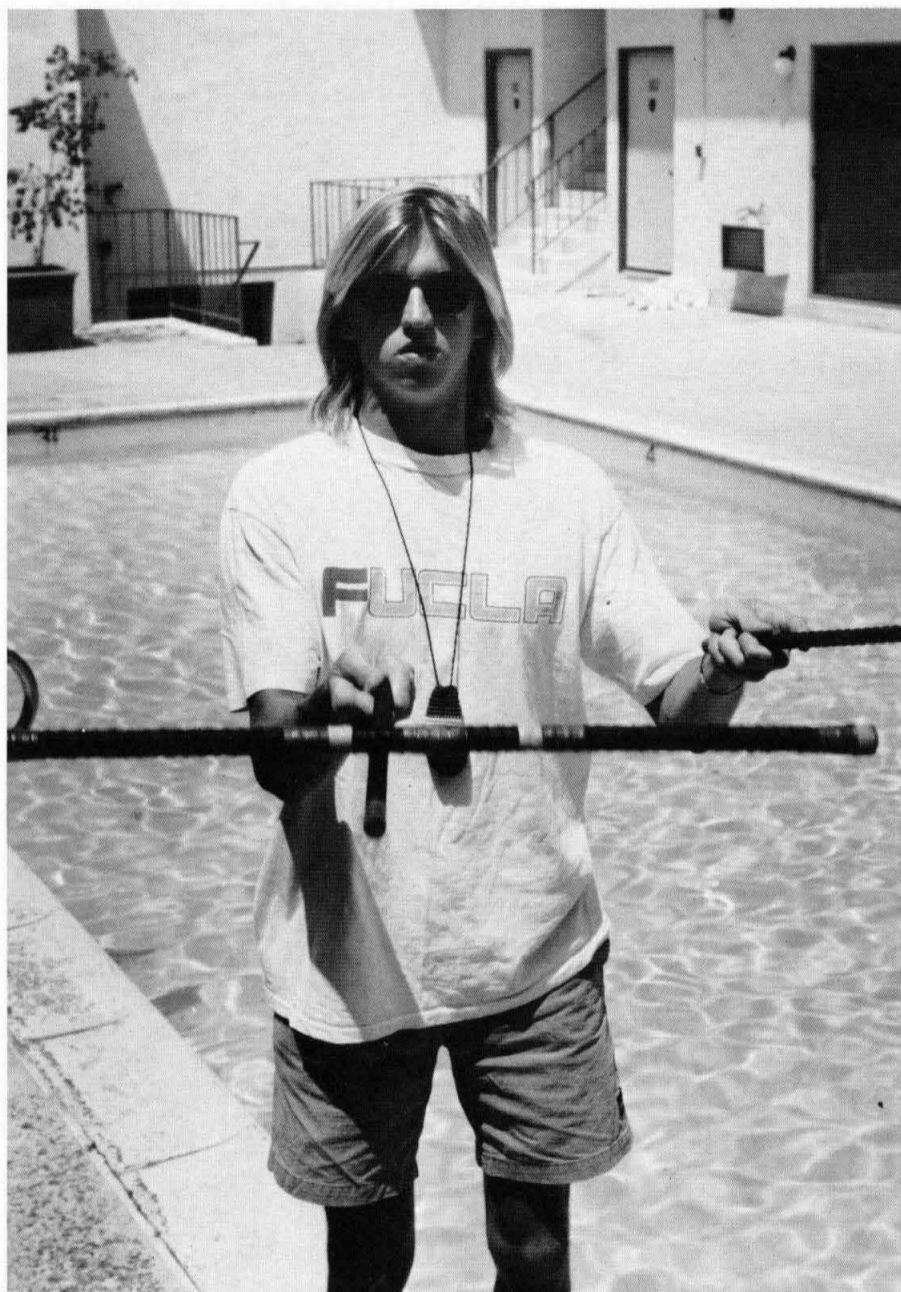
Left
Robert Coker
Physics / Astronomy
Anderson, IN

Joe Dadek
Physics / Math
Ft. Lewis, WA



Carver Farrow
Applied Physics
Greensborough, NC

Chris Edgington
E&AS / Economics
Bayside, WI



David A. Edwards
Applied Mathematics
Moreno Valley, CA

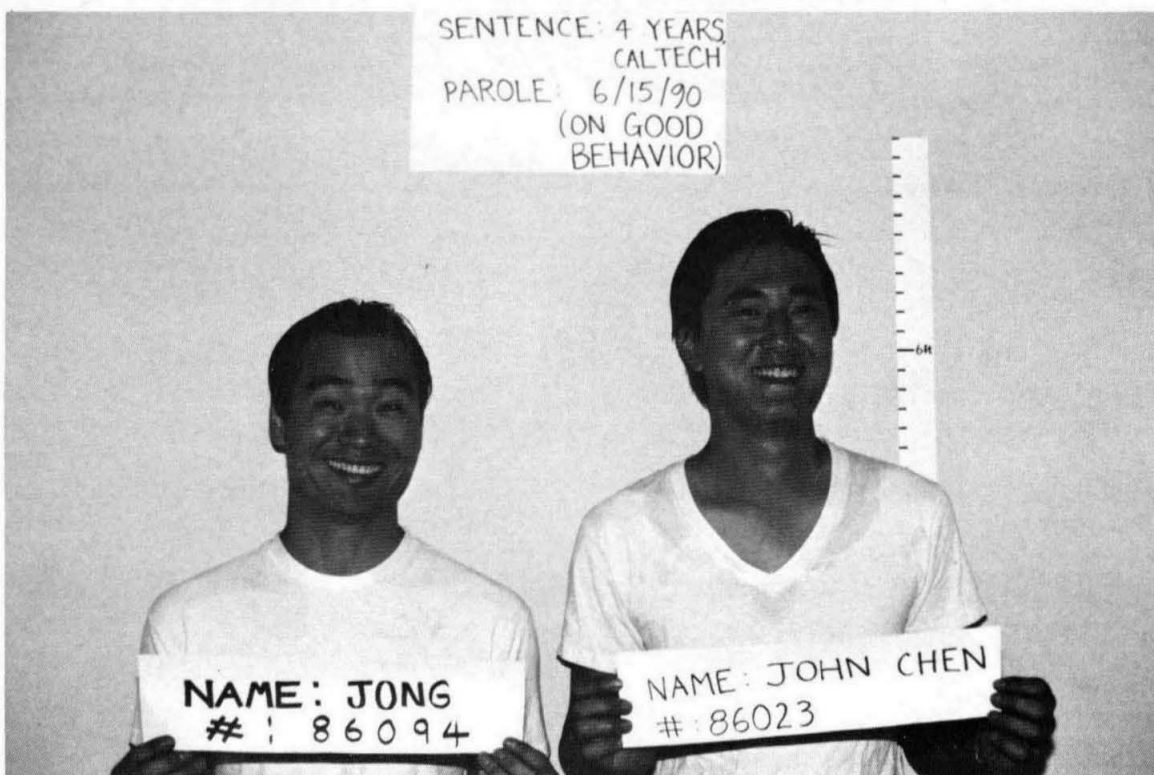
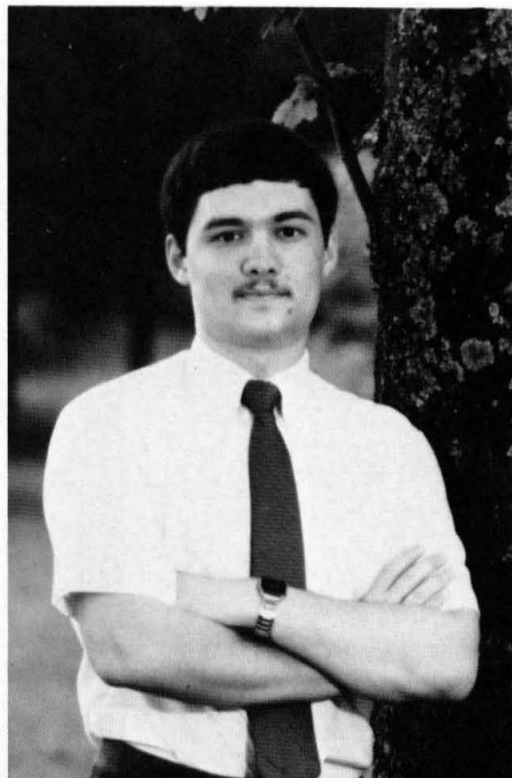


Cynic, *n.* a blackguard whose faulty vision sees things as they are, not as they ought to be.



George Fang
Electrical Engineering
Aurora, CO

John Thomas Daly
Aerospace Engineering
Huntsville, AL



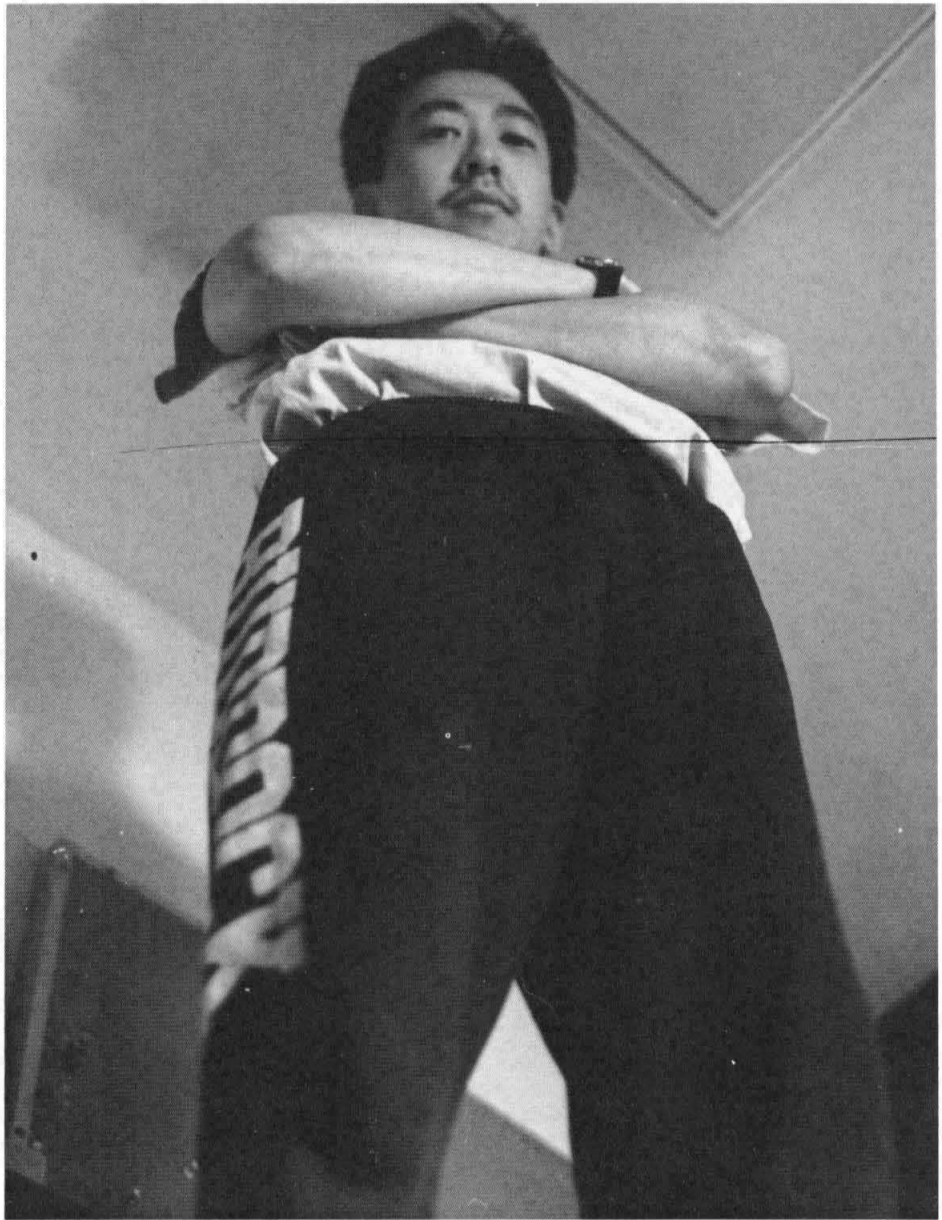
John S. Chen
Electrical Engineering
Huntsville, AL

Jong Kim
Applied Physics
Los Angeles, CA

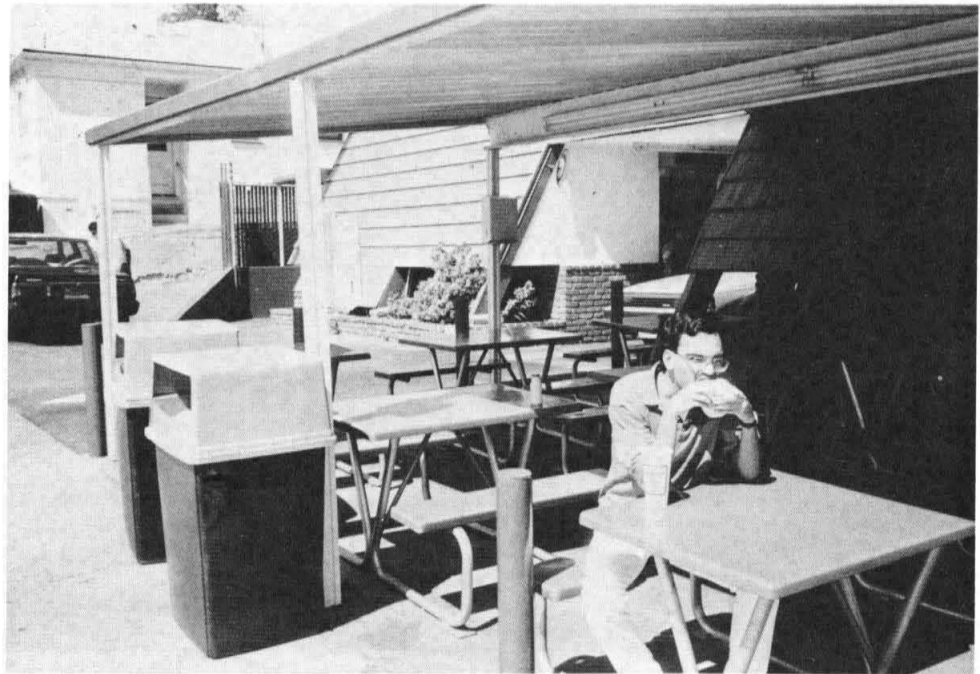
Jimmy Fendors
Electrical Engineering
Portland, OR

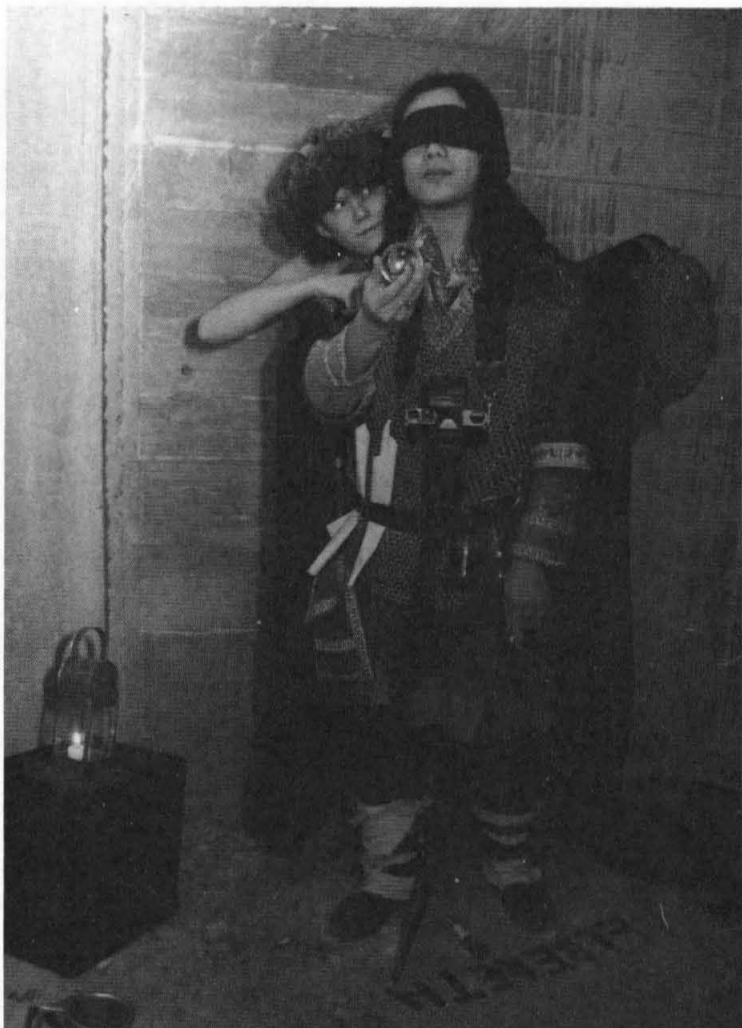
Robert Fox
Applied Physics
Las Vegas, NV

Life is what you make of it . . . You can either struggle through it or dance through it. Having God on your side makes it a lot easier because you know that everything works out for the best.



Philip Fernandez
Electrical Engineering
Canyon Country, CA

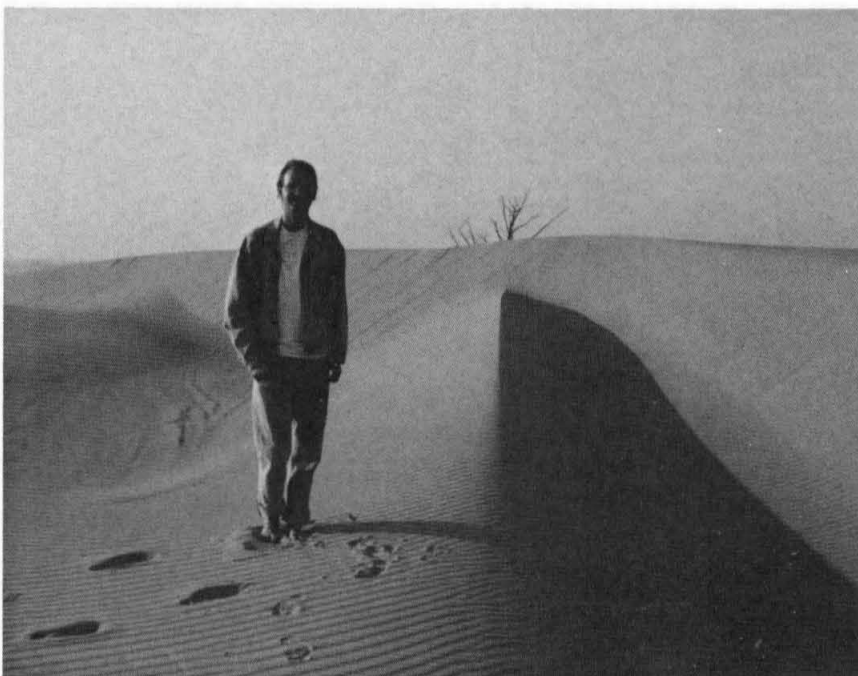




Charles Fu
Math
Arcadia, CA

If you can't learn to do it well,
learn to do it badly.
No part of this fortune may be
reproduced, stored in a retrieval
system...

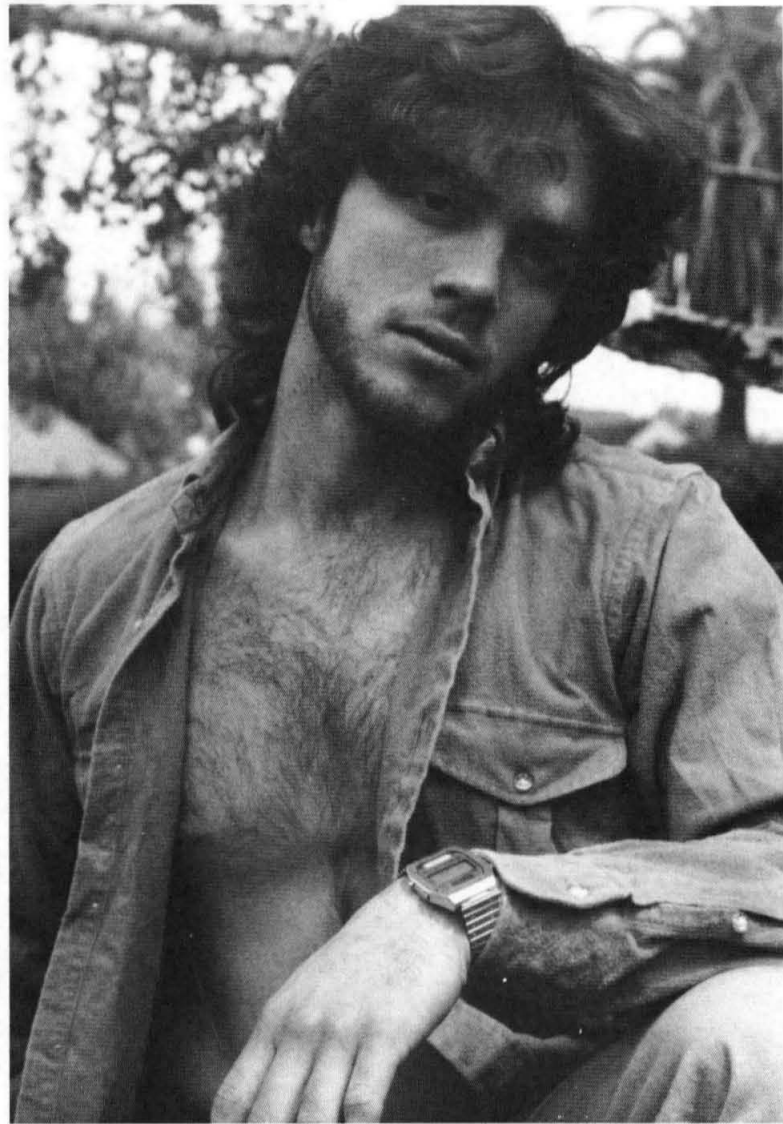
Mark Fey
Social Science
Spokane, WA



Glenn Eychaner
Geophysics and
Planetary Science
Manteca, CA

"Trust me. I know
what I'm doing."
— Sledge Hammer

Alan Golightly
E&AS
Lubbock, TX



Amanda Heaton
E&AS / Math
Orlando, FL



Eric Fung
Biology
Riverside, CA



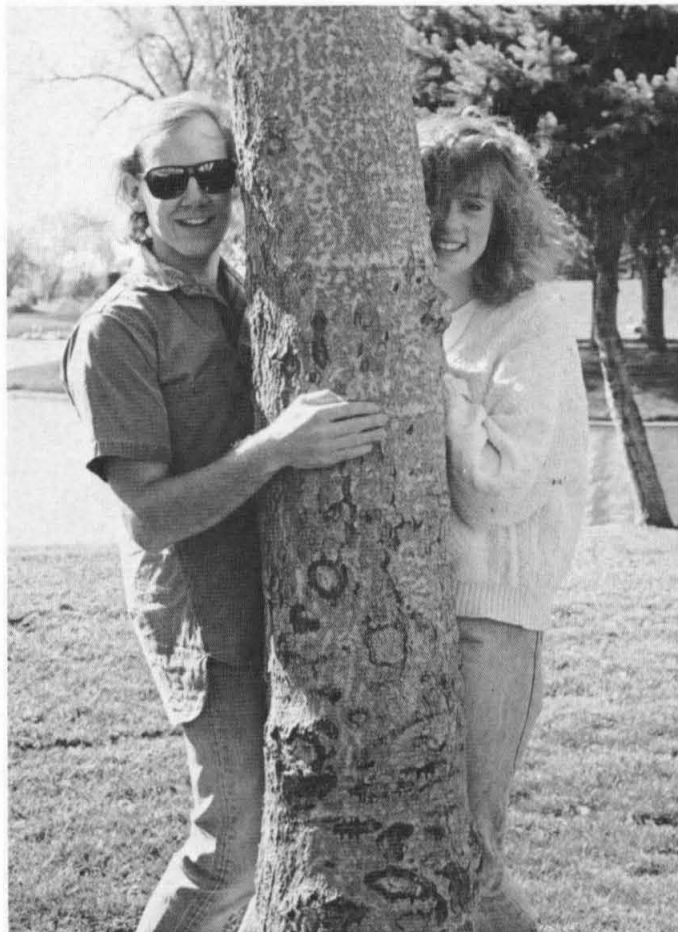
"Non est, crede mihi, sapientis dicere
'Vivam':

Sera nimis vita est crastina: viva
hodie. Non est vivere, sed valere vita
est."

— Martial



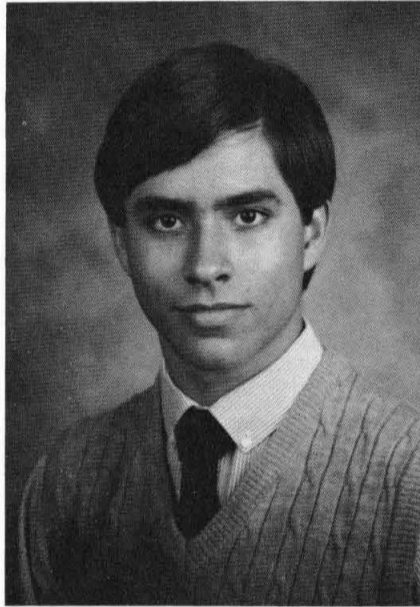
Left
Paul Gentieu
 Electrical Engineering
 Andover, NJ



Bottom Left
Rick Berge
 Electrical Engineering
 Salt Lake City, UT

Christina
Garden
 Applied Physics
 Amherst, NH
 Gozaimasu!

Curt Hagenlocher
Santa Rosa, CA



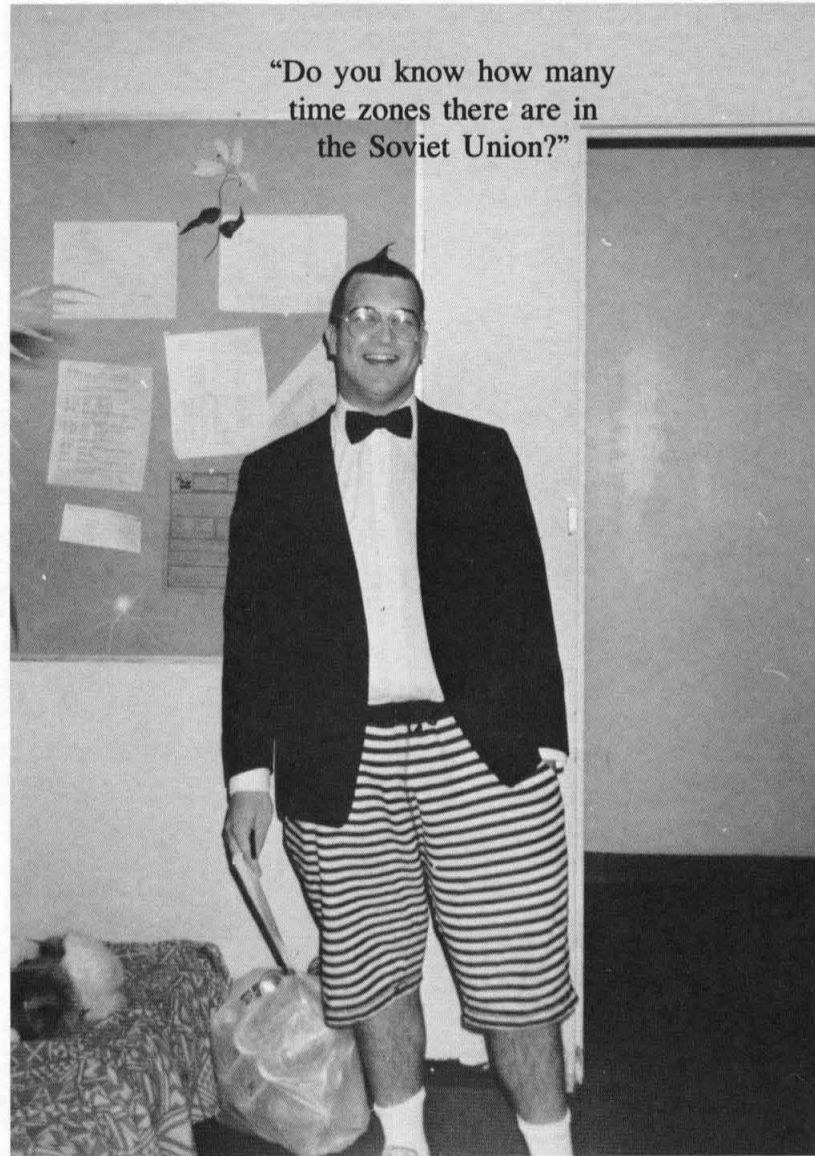
Colin Howell
Geophysics
Cypress, CA



Anders Johnson
Electrical Engineering
El Segundo, CA

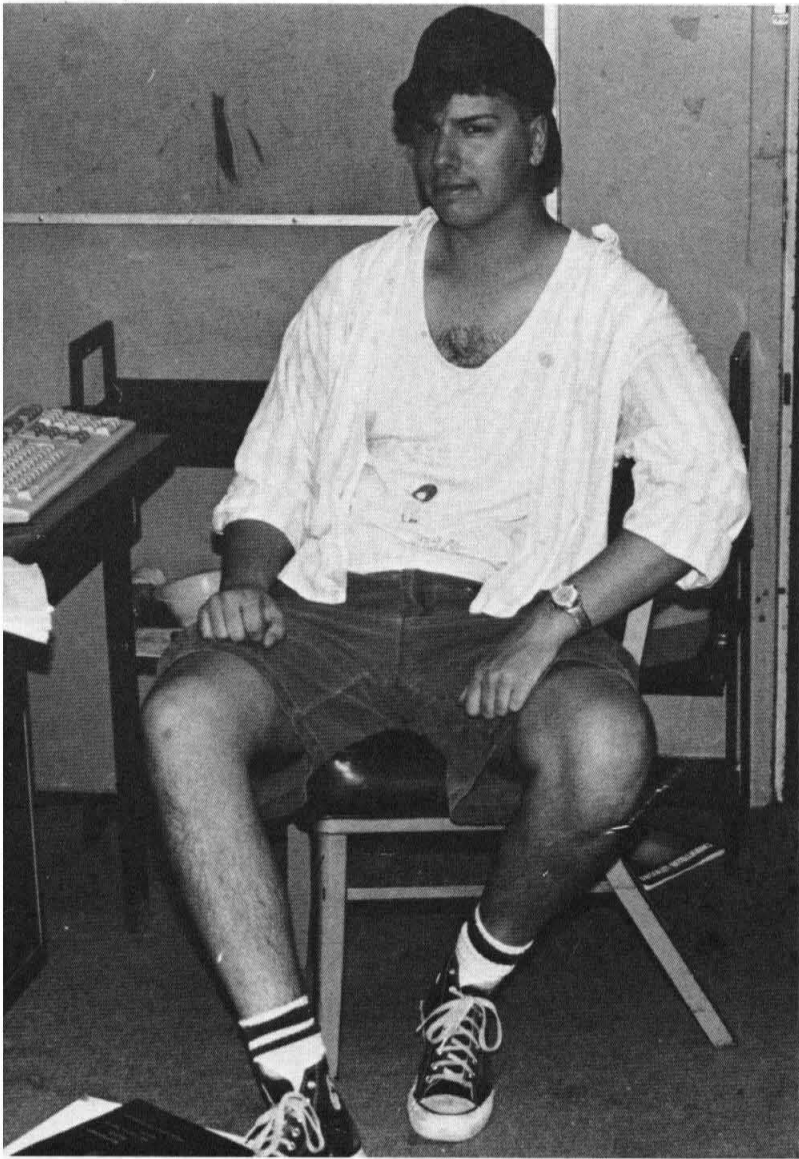
So many throats . . . so little time.

Jerry Hauck
E&AS
Sanford, IL

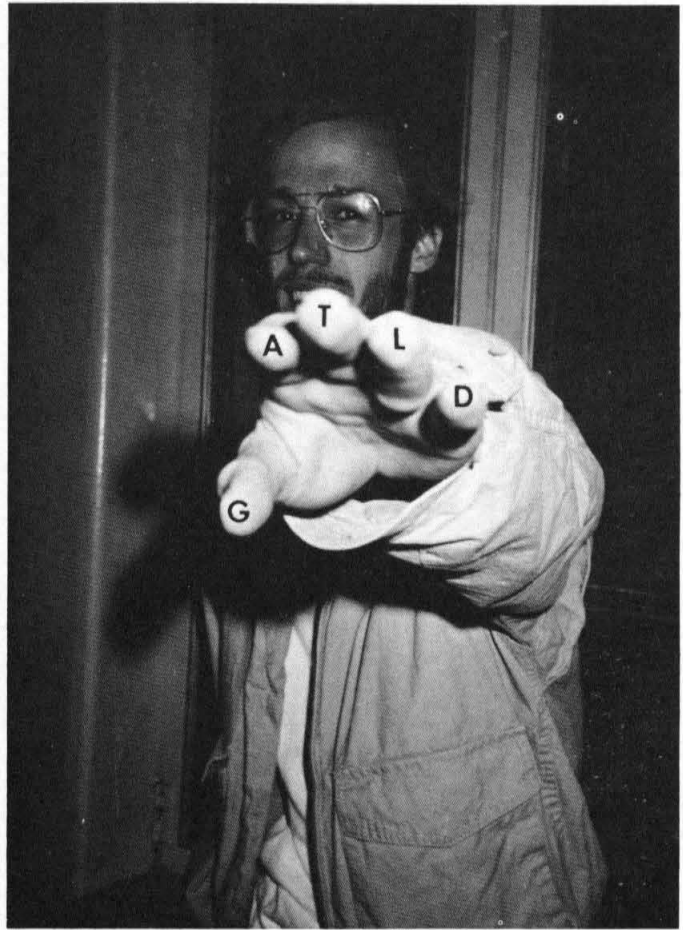


"Do you know how many
time zones there are in
the Soviet Union?"

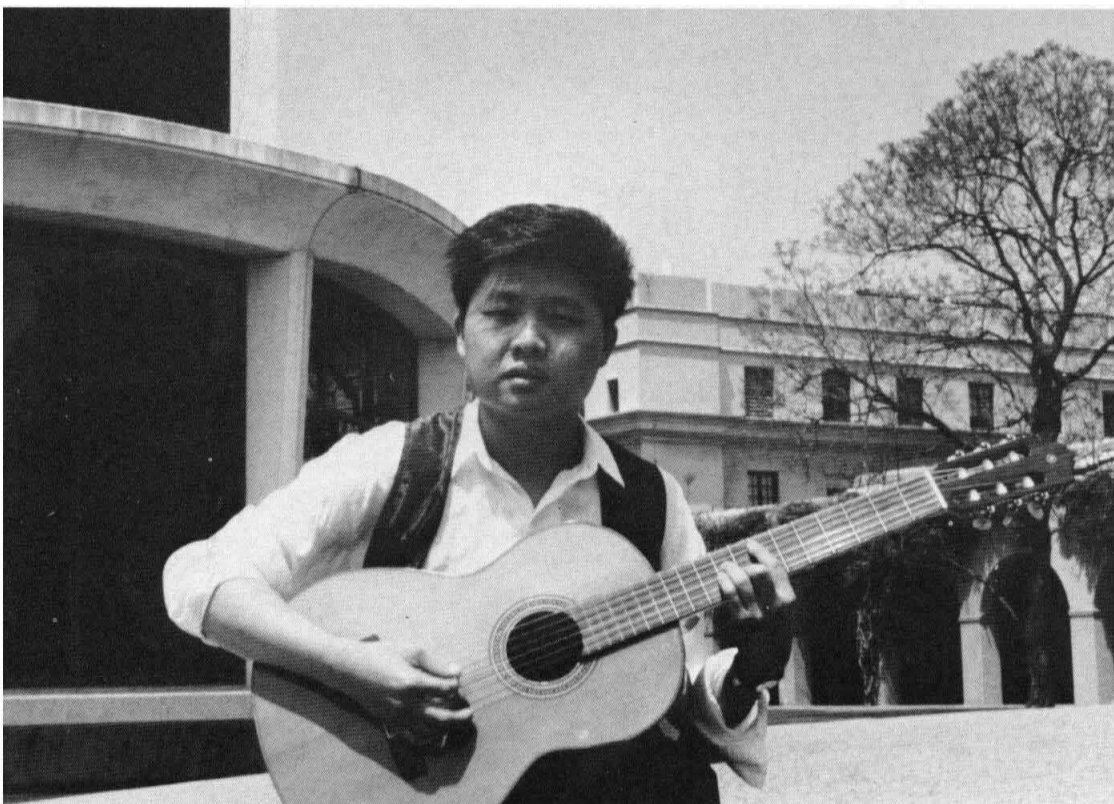




Matt Giger
E&AS
Portland, OR



Jon Hamkins
Electrical Engineering
Lexington, KY



Kin Ha
Applied Physics / Economics
El Monte, CA

"We shall not cease from exploration
And the end of all our exploring
Will be to arrive where we started
And know the place for the first time."

— T. S. Eliot, 'Four Quartets'

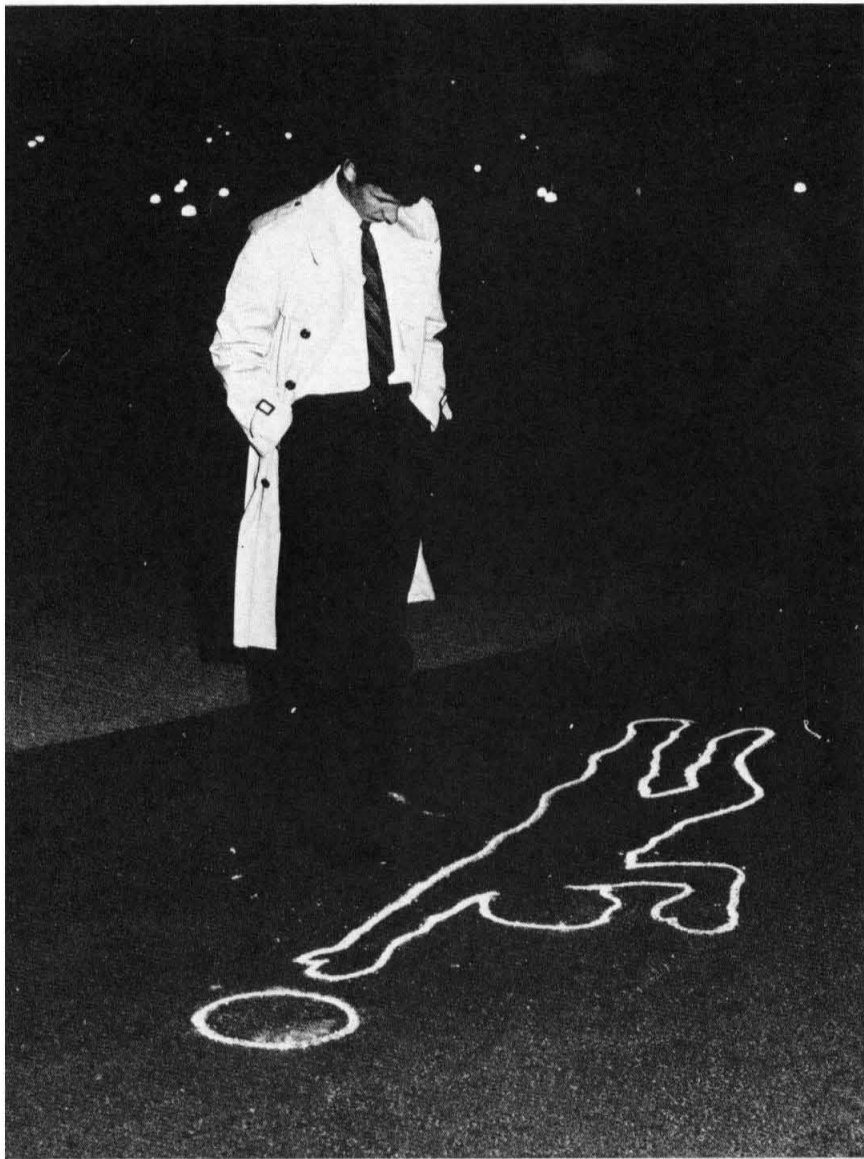
Sean Leonard Johnston
Biology / Chemistry
Novi, MI

"Once in a lifetime you find that faith when you're under the spell and it takes control / everything round you just falls in place and all that you touch seems to turn to gold."

— Mike Oldfield



Eric Hassenzahl
E&AS
Piedmont, CA

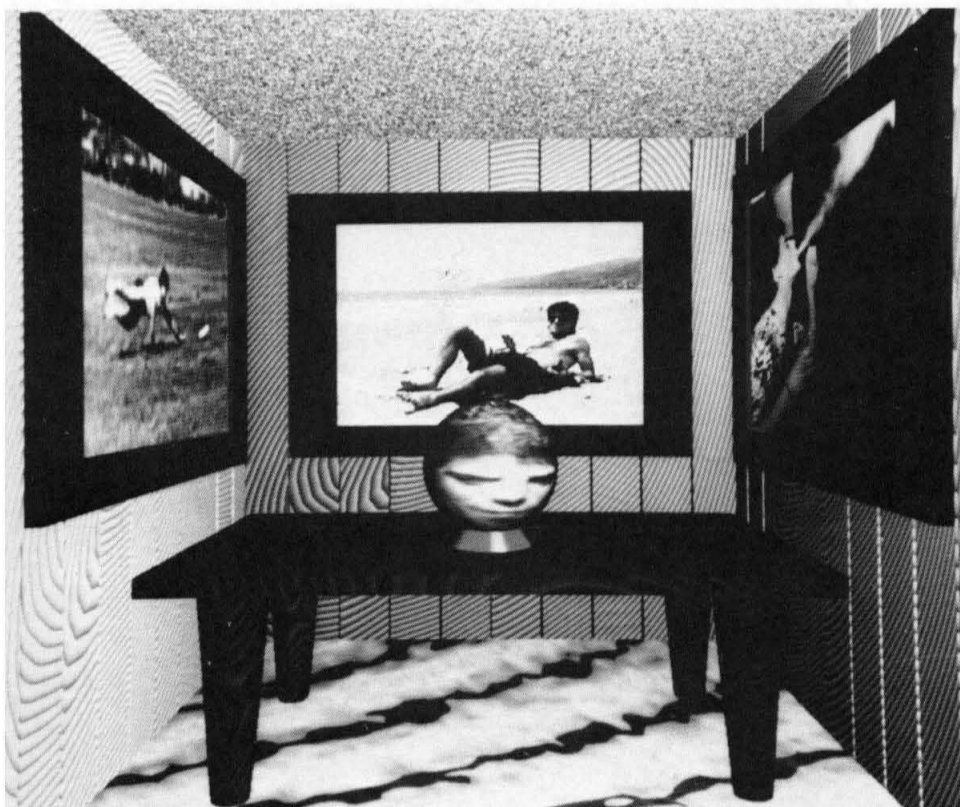


Dave Carta
E&AS
Pasadena, CA

"While he lived, he lived."
— Malcolm S. Forbes



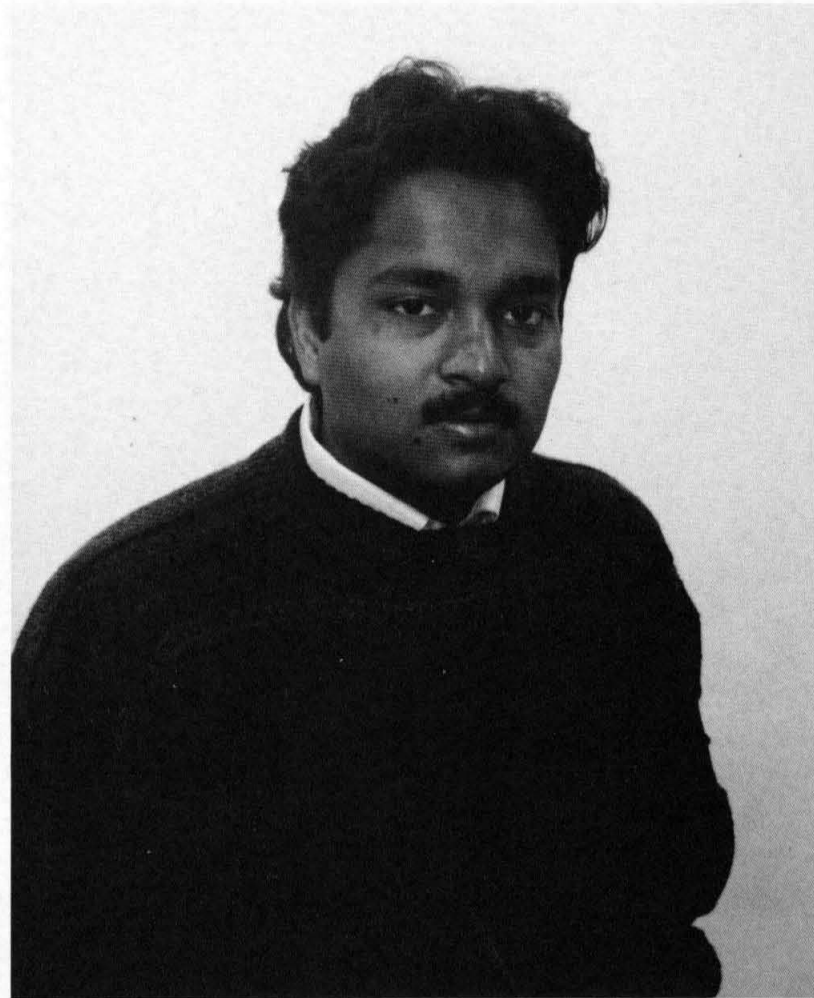
Nikolaos Kidonakis
Physics
Thessaloniki, Hellas



Chris Hurwitz
E&AS
Dedham, MA

When all is said and done . . . at least
it's all finally done.

Amit Lal
Electrical Engineering
Diamond Bar, CA

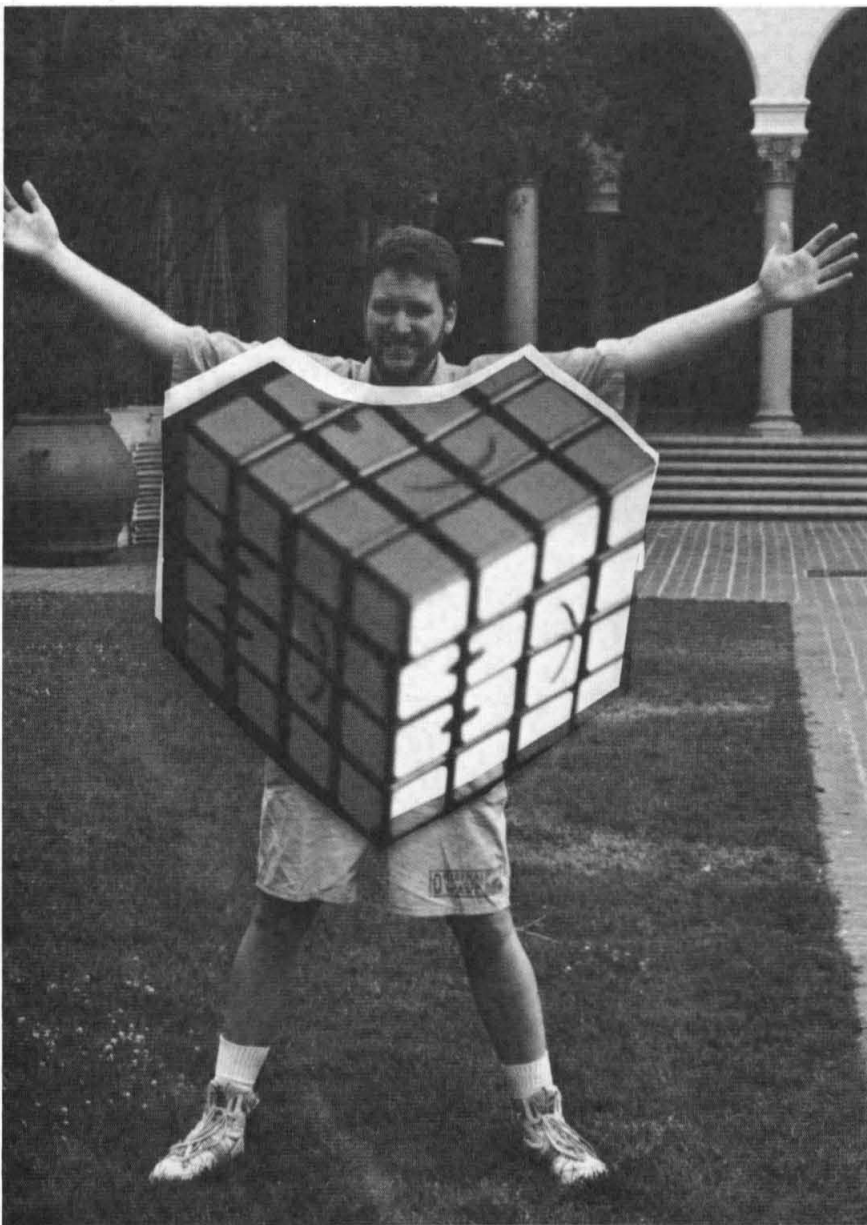


Maneesh Jain
Electrical Engineering
New Delhi, India

If life ever gets to you, just go for it!

Kathleen Kraemer
Astronomy
Highland, CA

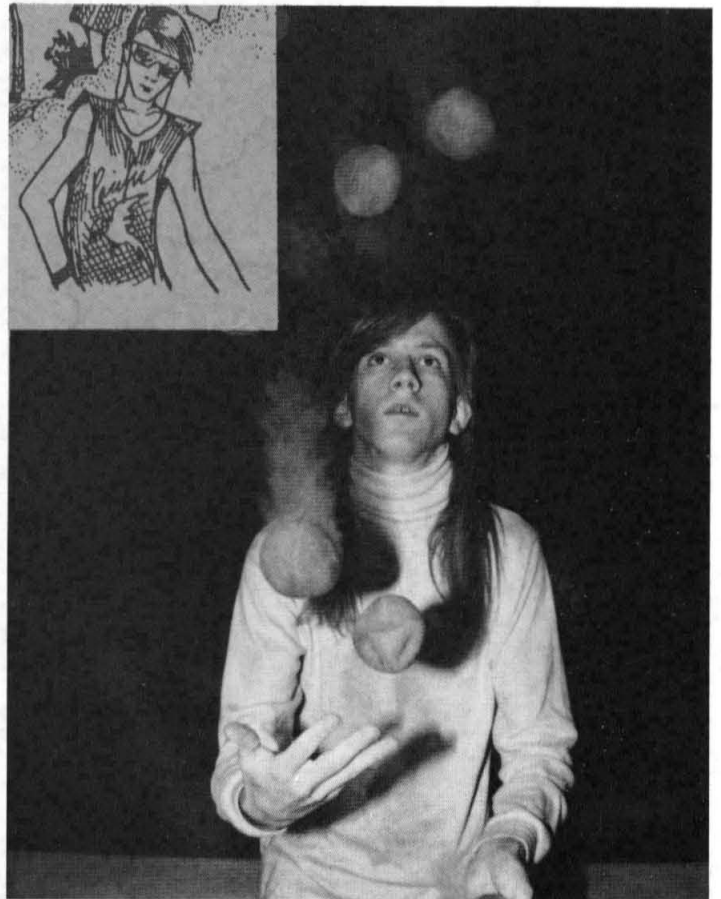




Look Mom, it's a blockhead. Oh wait. No . . . my mistake. It's Rubikman.

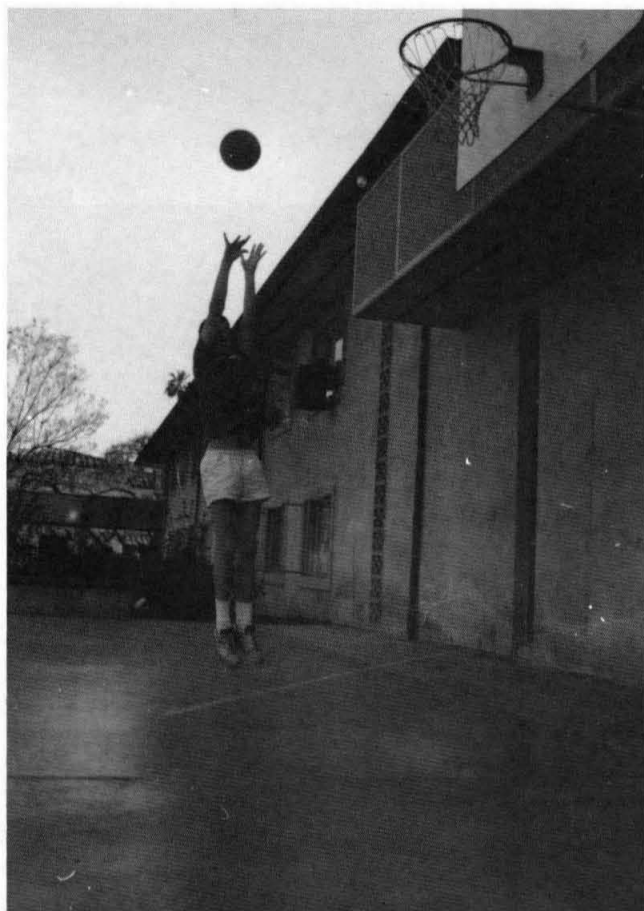
Michael Jones
Chemical Engineering
Irvine, CA

Allen Knutson
Brooklyn, NY

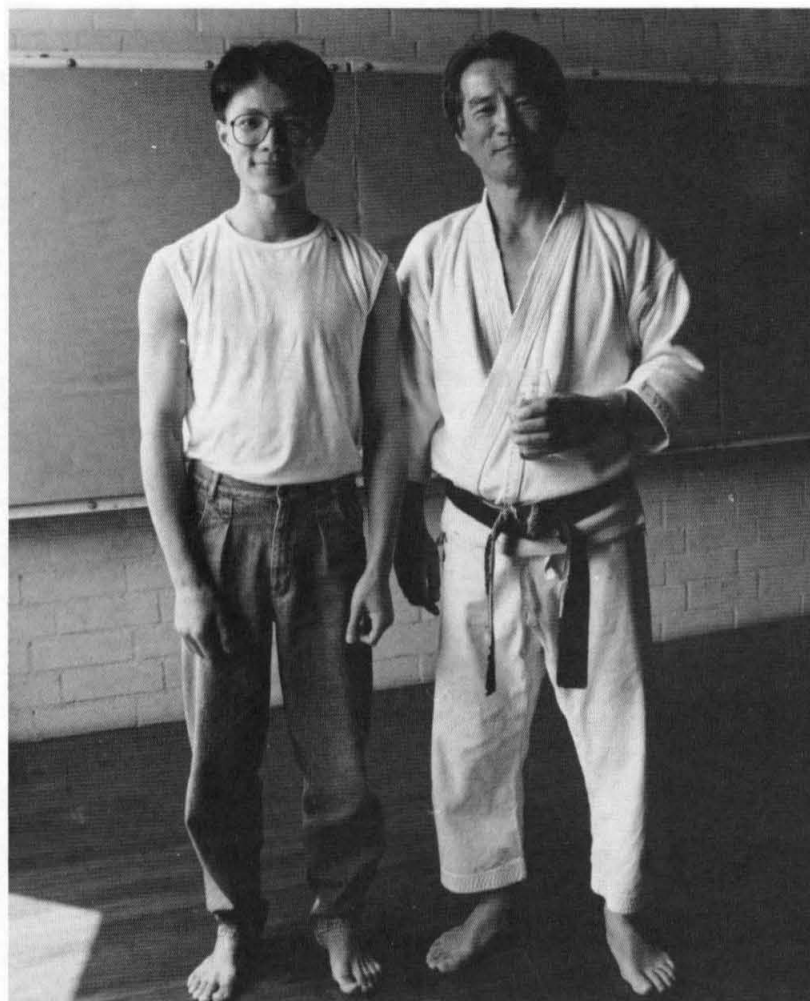


Matthew Kidd
Physics / Math
Bethesda, MD

Live life as though you were creating an album of prized photos. A scrapbook of only smiles will interest no one, but such memories that frighten, amuse, sadden, embarrass, or show love will enrich the viewer.



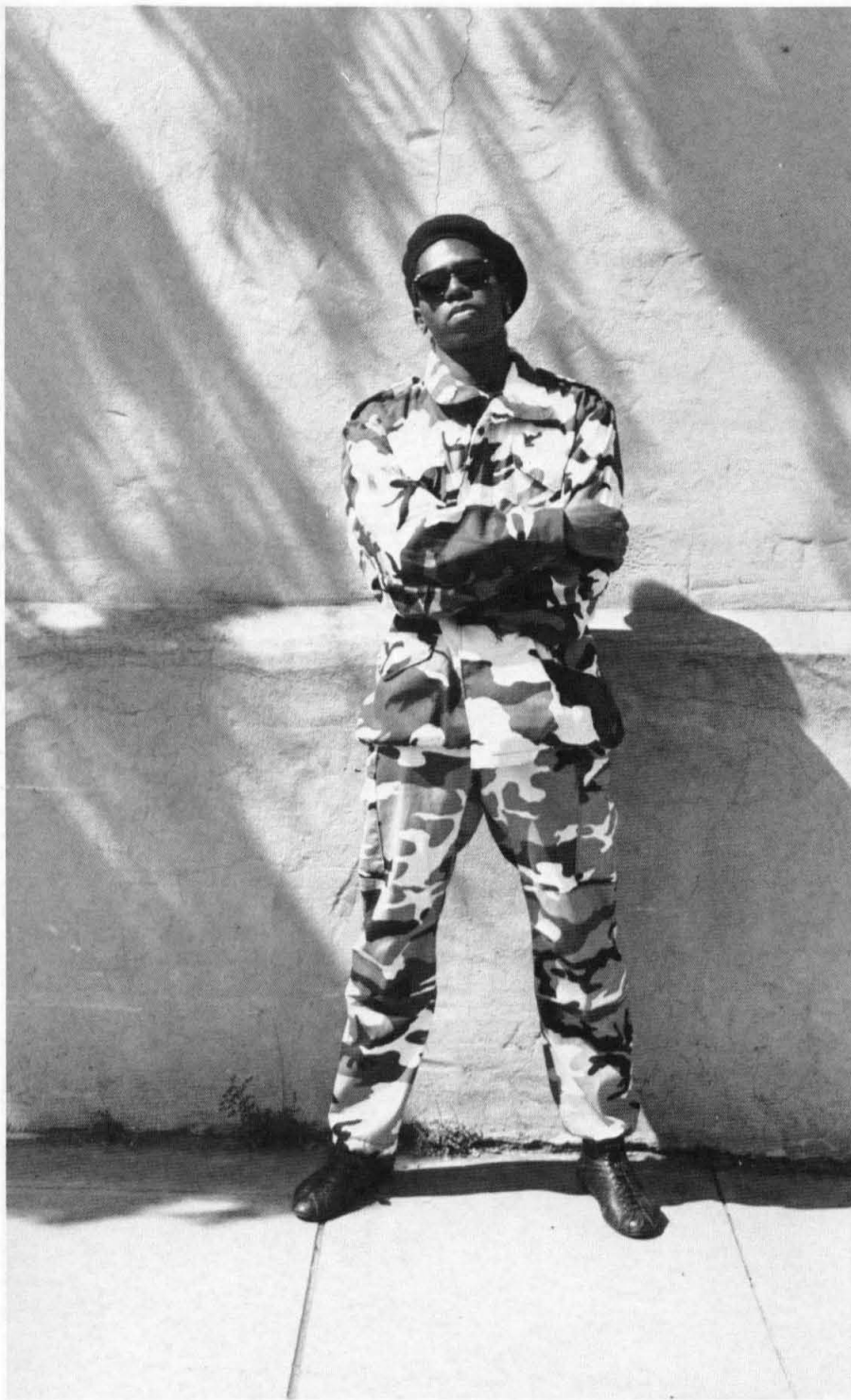
Above
Brendon Lasell
 Math
 Greeley, CO



George Liu
 Biology
 Bellflower, CA

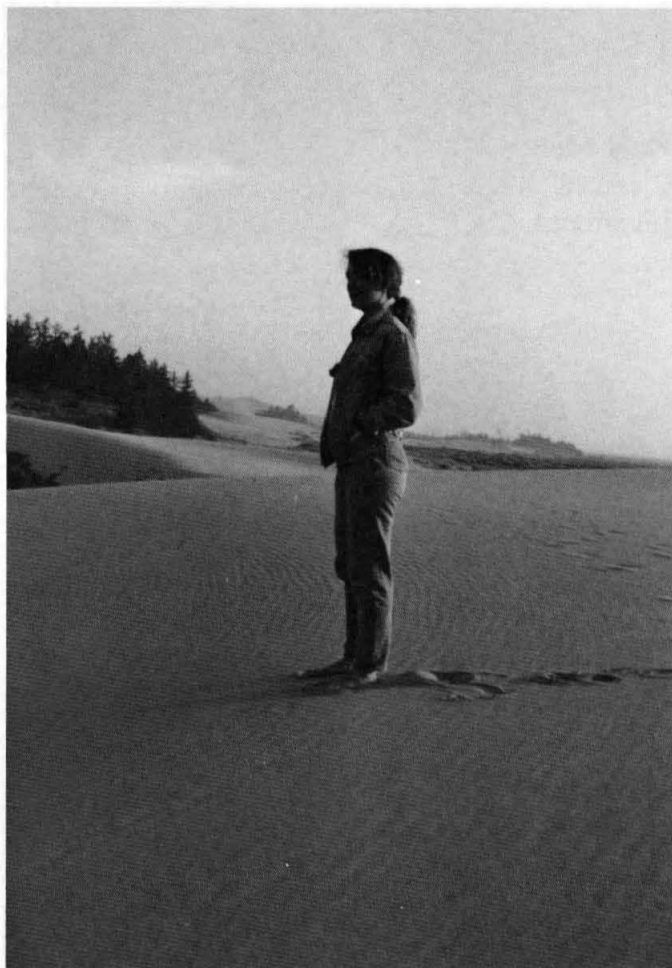
Opposite, near
Edward Lee
E&AS
Kowloon, Hong Kong

"Thank you, Mr. Ohshima."



Clifton J. Kiser
Materials Science
Joliet, IL

No man can suffer the pains of a black
man, so don't tell me you understand.



Kate Loomis
E&AS
Everett, WA

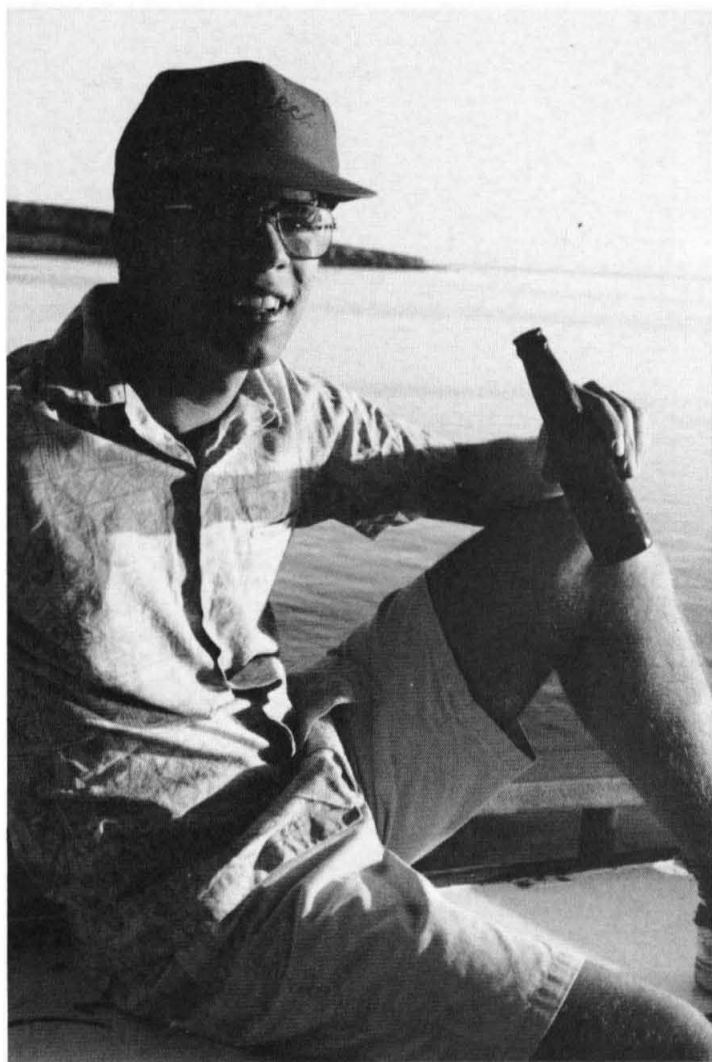
Charlotte Manly
Computer Science
Wahiawa, HI

"It is only with the heart that one can
see rightly; what is essential is invis-
ible to the eye."

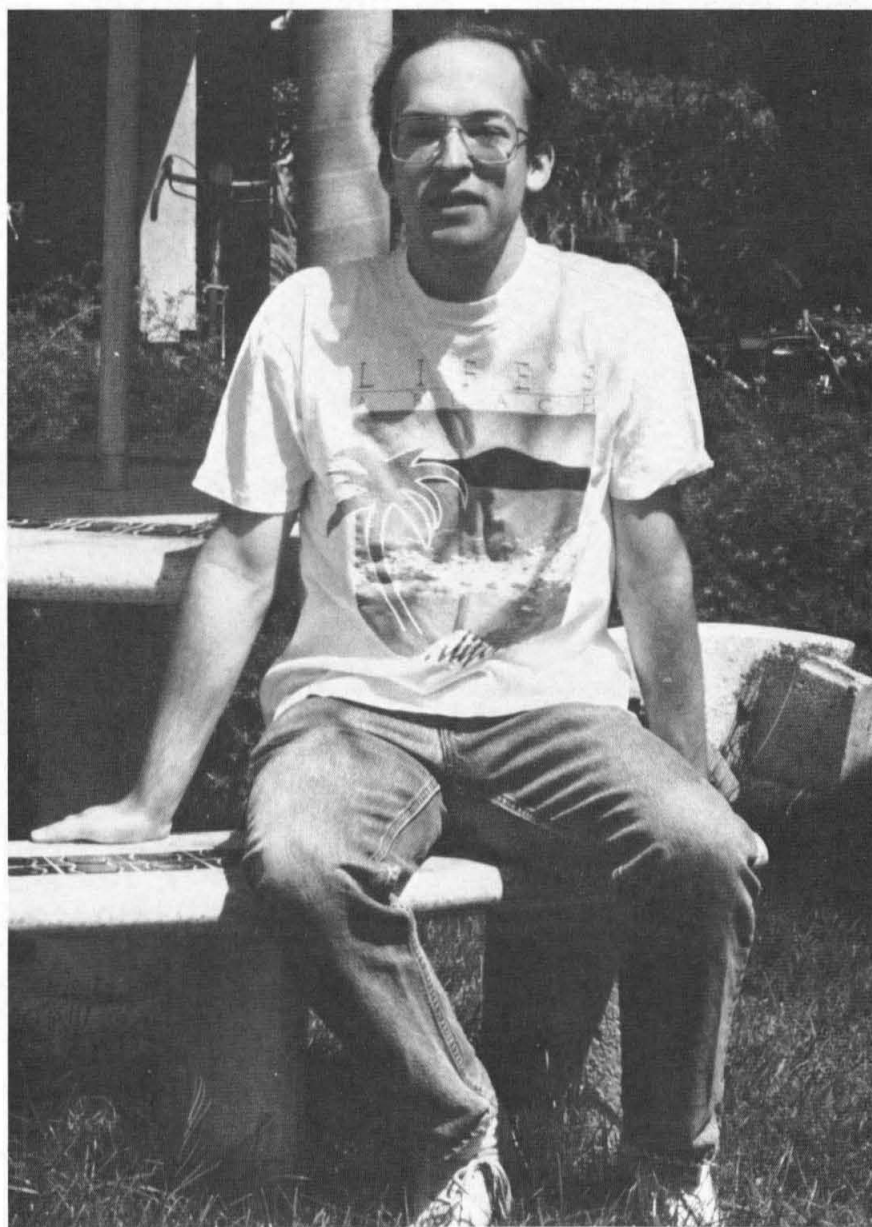
— A. de Saint Exupery



Fred Mallon
Chemical Engineering
Livermore, CA



Thomas Lenosky
Physics
Troy, MI





Alan Lund
Applied Physics
Eau Claire, WI

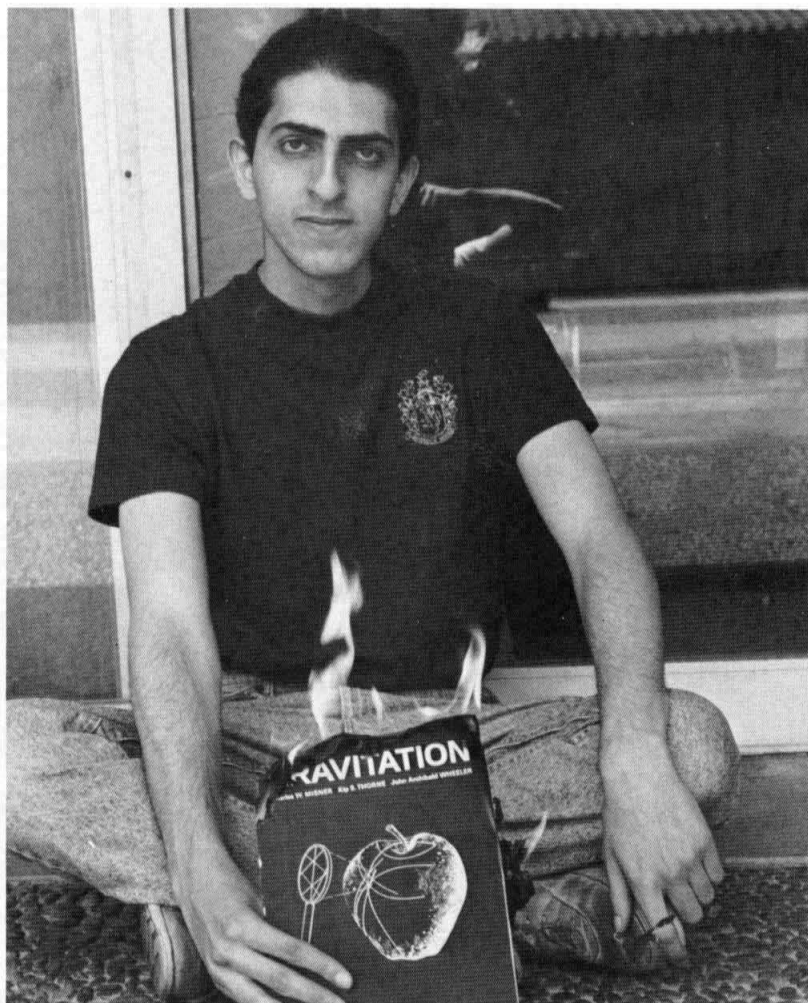


Above
Elaine Lindelef
E&AS
Santa Clarita, CA



Left
Jennifer Low
Biology
Upland, CA

Pete Morcos
Physics
Dallas, PA

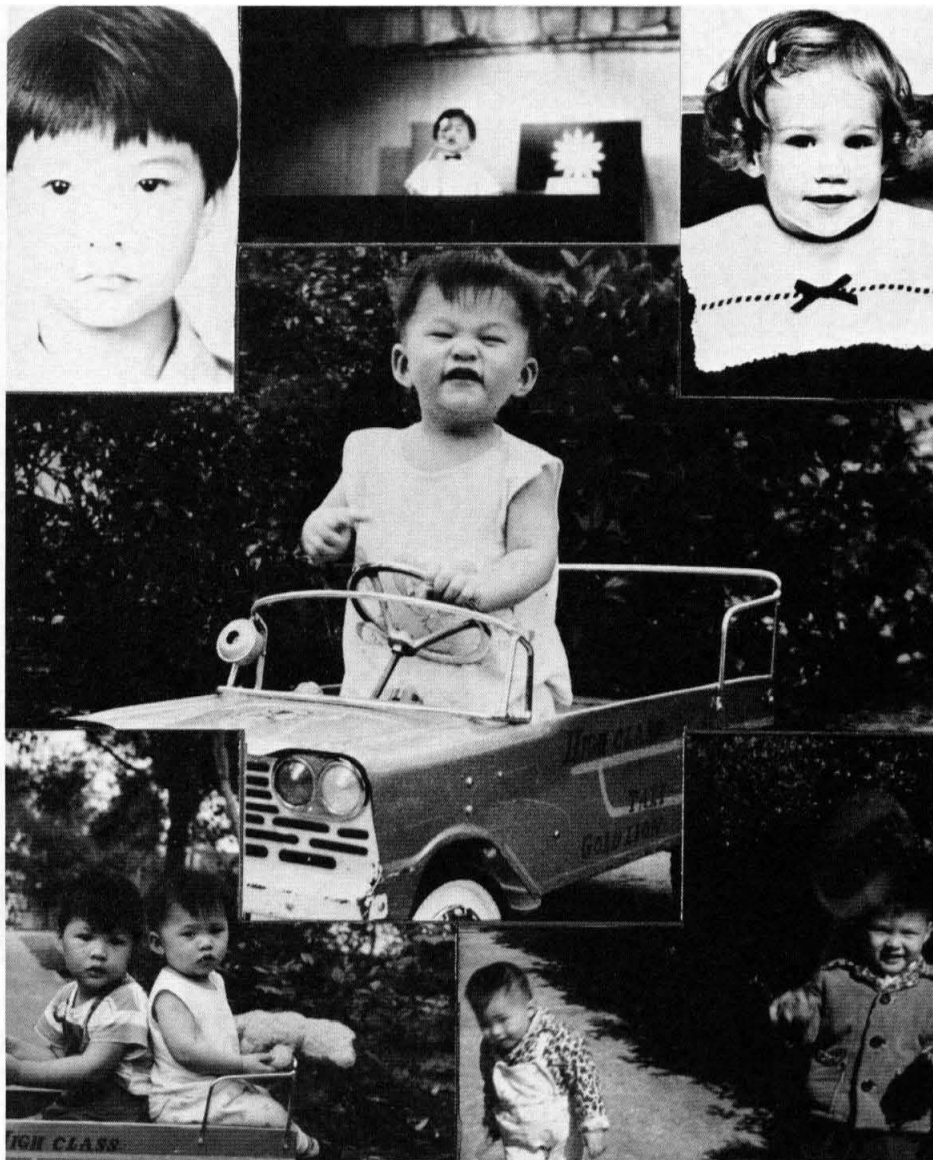


Asim Mughal
Electrical
Engineering
Old Fort, Pakistan

"The Mogul man"

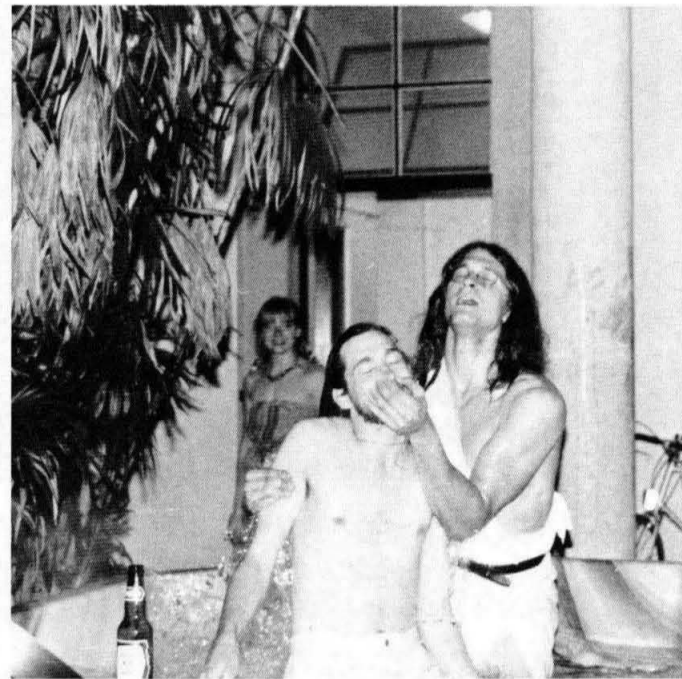


Aris Moustakis
Physics
Athens, Greece

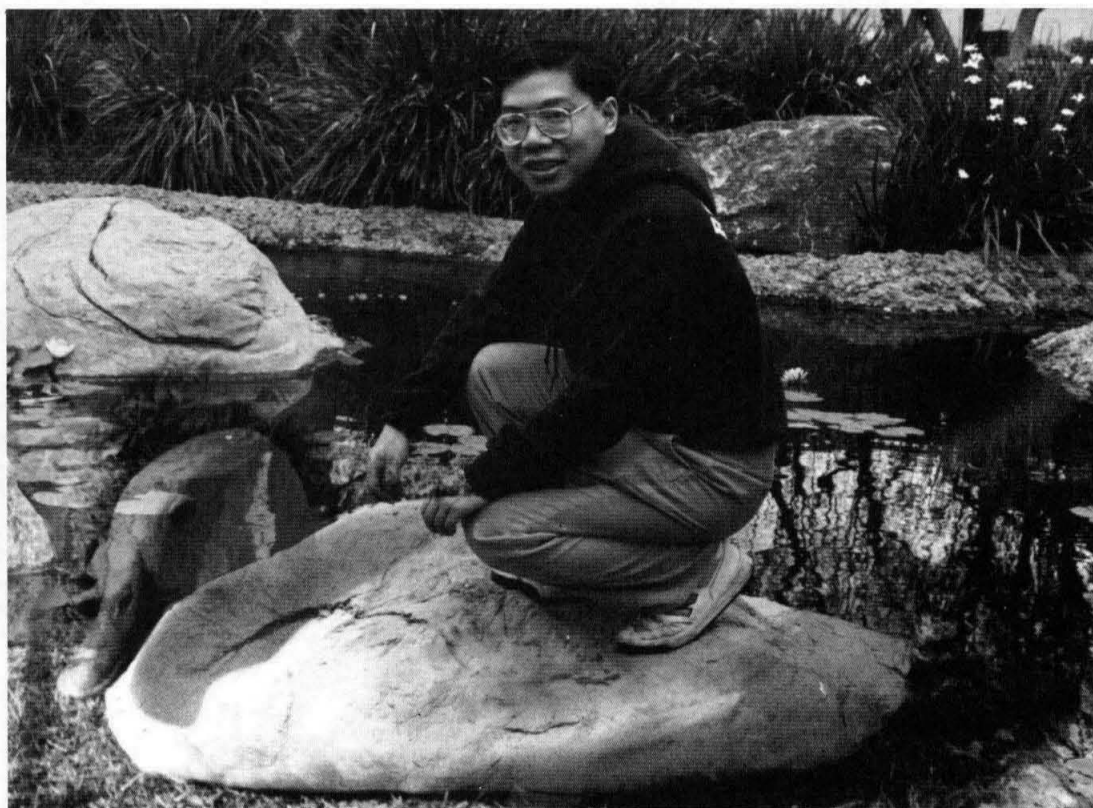


Mark T. Ma
E&AS
Porterville, CA

"There are many who say, 'Who will show us any good?' LORD, lift up the light of your countenance upon us. You have put gladness in my heart, more than in the season that their grain and wine increased. 'I will both lie down in peace, and sleep; for You alone, O LORD, make me dwell in safety.'"
— Psalm 4:6-8



Russell J. May
Math
Indianapolis, IN



Howard Lee
Applied Physics
San Francisco, CA

Kent Nordstrom
Applied Physics
Seal Beach, CA



Rick Oliver
Electrical Engineering
Spokane, WA





Viola Ng
Electrical Engineering
Cypress, CA



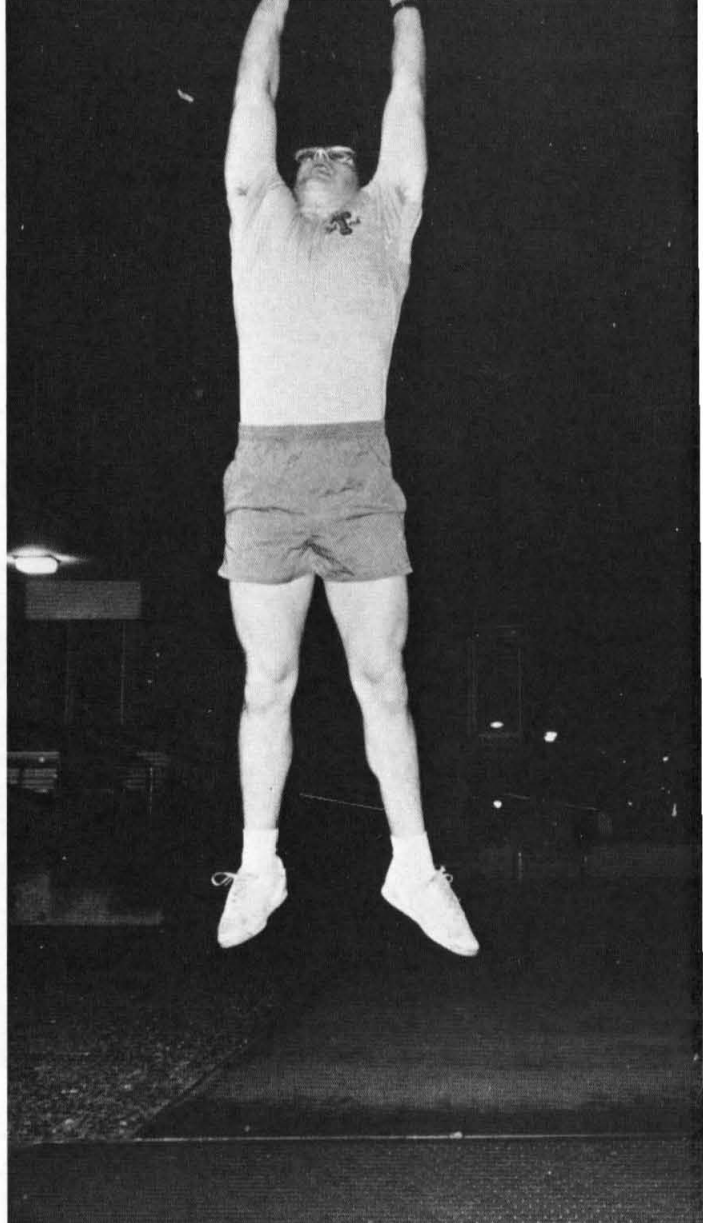
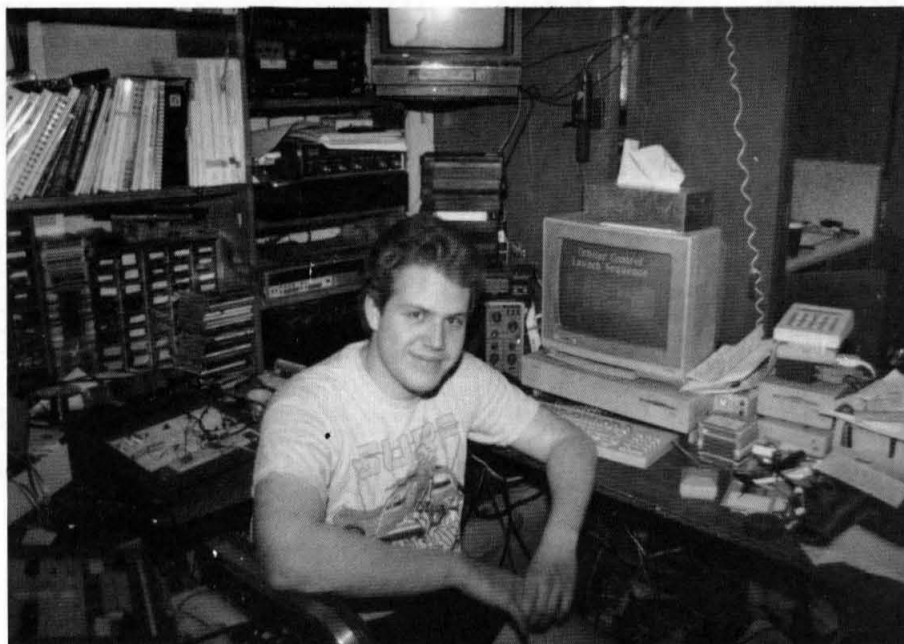
Minh-Thuy T. Nguyen
Biology
Anaheim, CA



Annis Porter
Electrical Engineering
Leesburg, VA

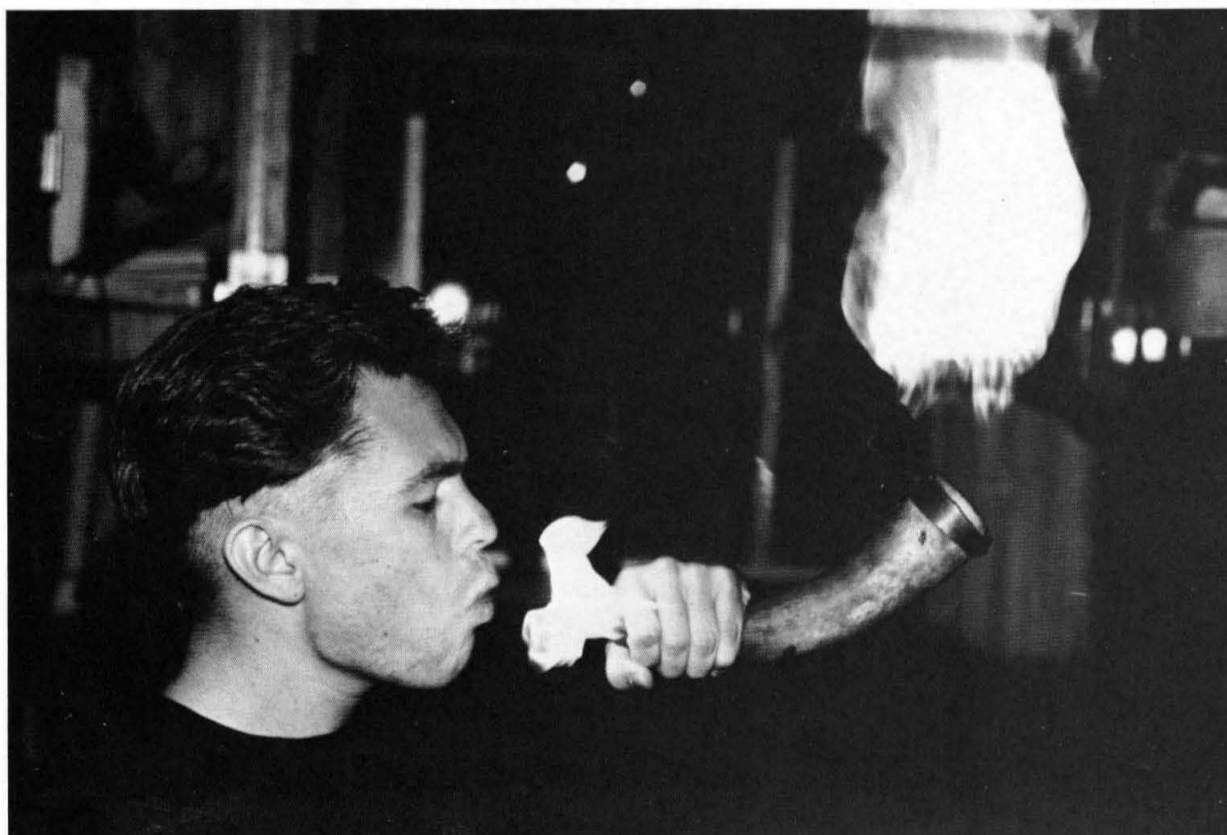
Edward Ratner
Physics
Golden Valley, MN

Steven Ludtke
Physics
Glenwood Springs, CO

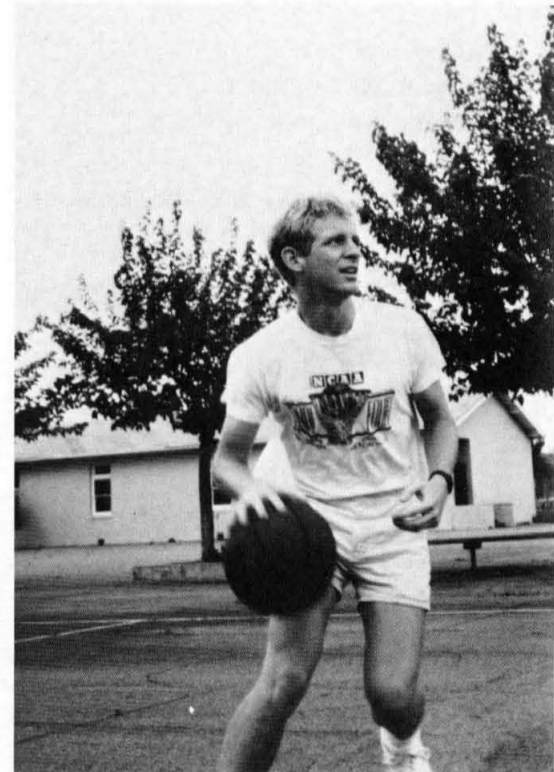
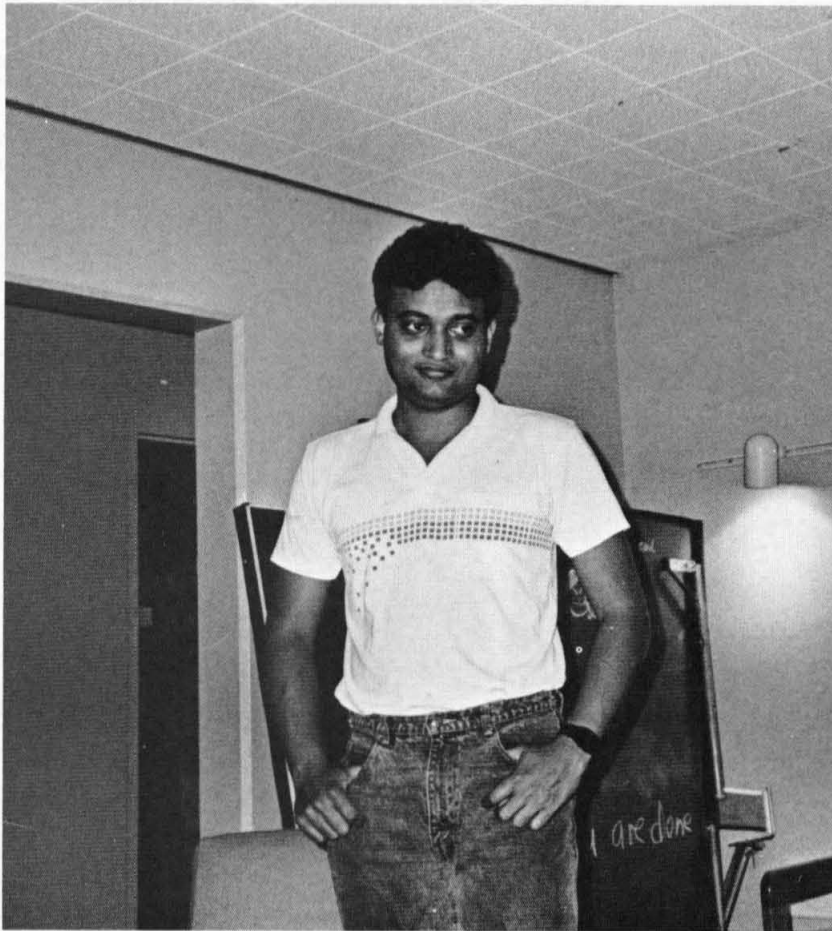


Dave Proctor
E&AS
Walnut Creek, CA

kick back



Aditya Prakash
Physics / Math
Calcutta, India



Dean Oliver
E&AS
Richland, MI

"Up with the sun
Gone with the wind . . .
Running when things get too crazy."
— Bob Seger

Satomi Okazaki
Math
Los Angeles, CA

Meera Srinivasan
Electrical Engineering
El Paso, TX



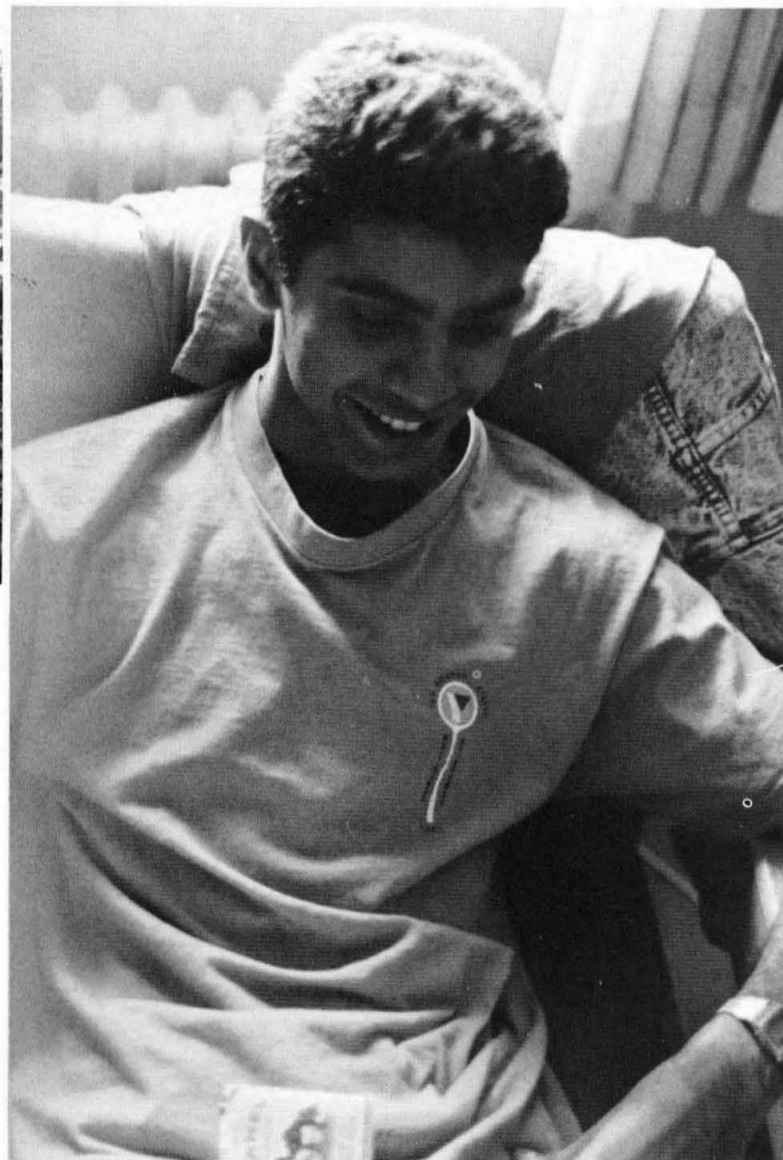
Steven Olafson
Electrical Engineering
East Islip, NY

"No, Pete! The **brakes!**"



Faress Rahman
Mechanical Engineering
Karachi, Pakistan

"The ox is slow, but the earth is patient."



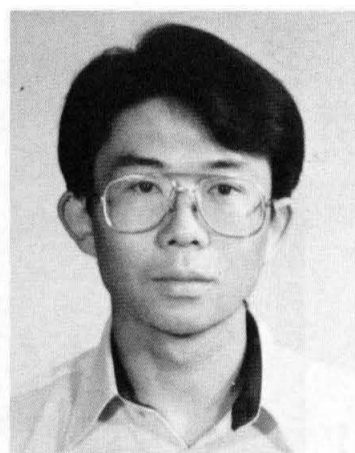
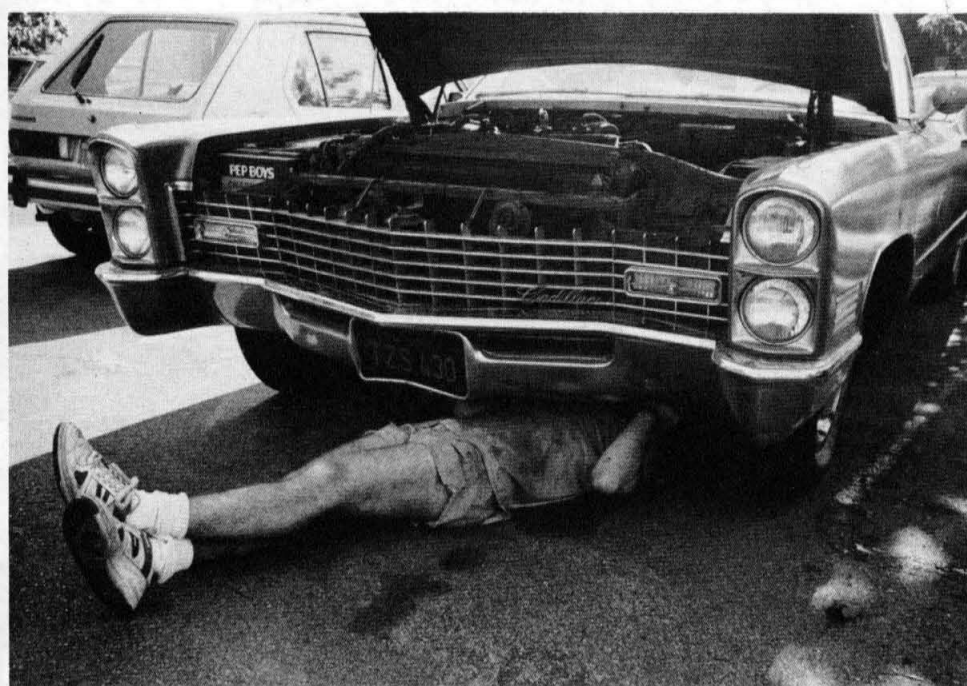
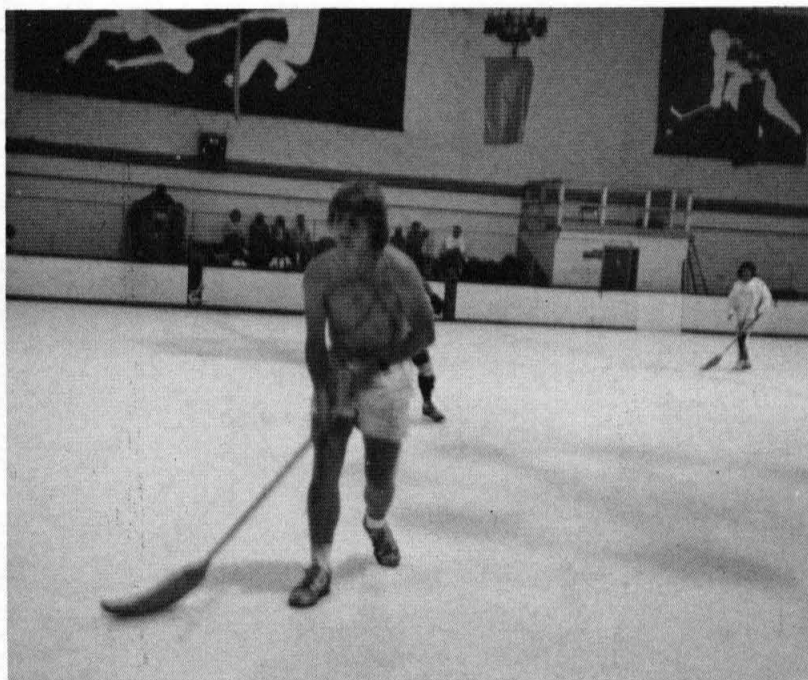
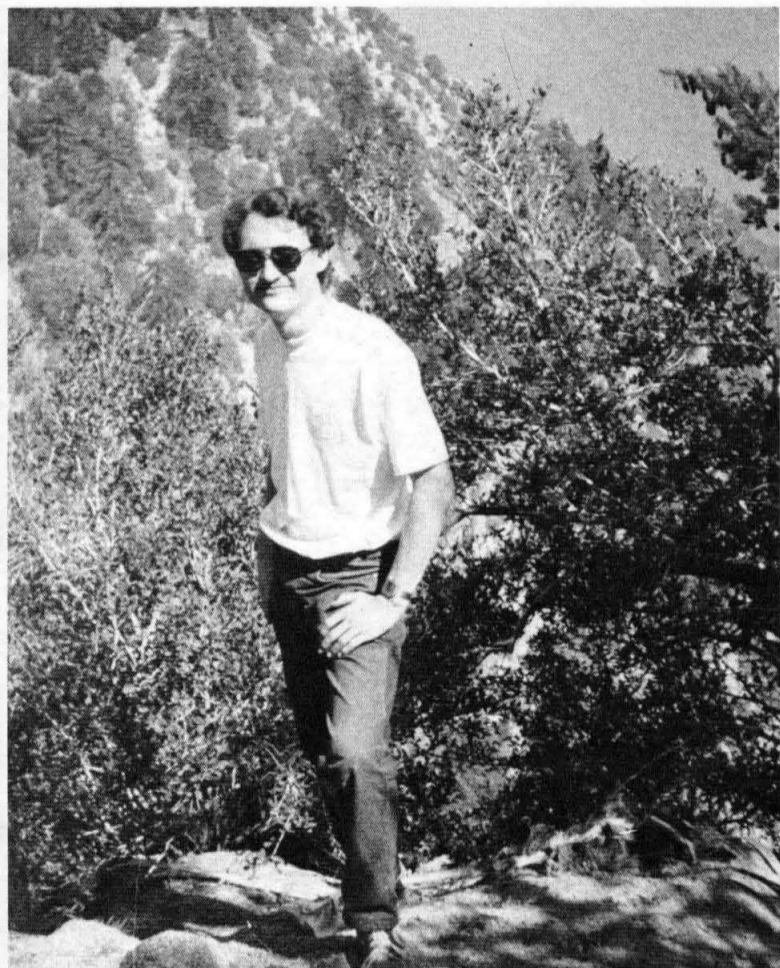
Frederick G. N. Roeber

Physics
Spokane, WA

"It takes love over gold
And mind over matter
To do what you do that you must.
When the things that you hold
Can fall and be shattered
Or run through your fingers like dust."
— Dire Straits

Martin O'Brien

Chemical Engineering
Stockton, CA



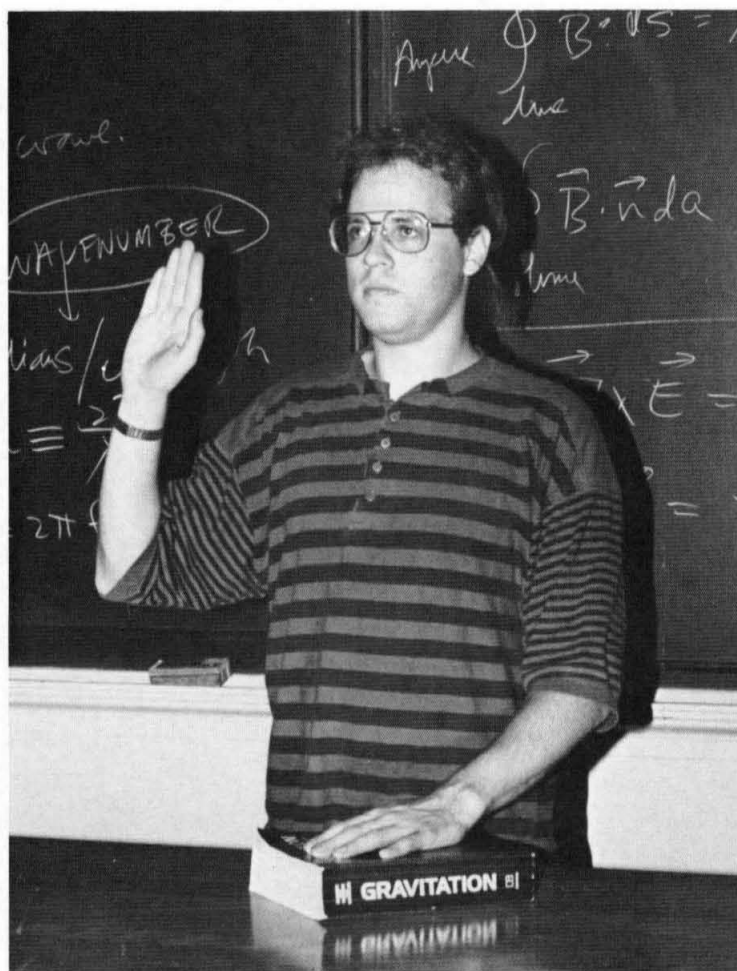
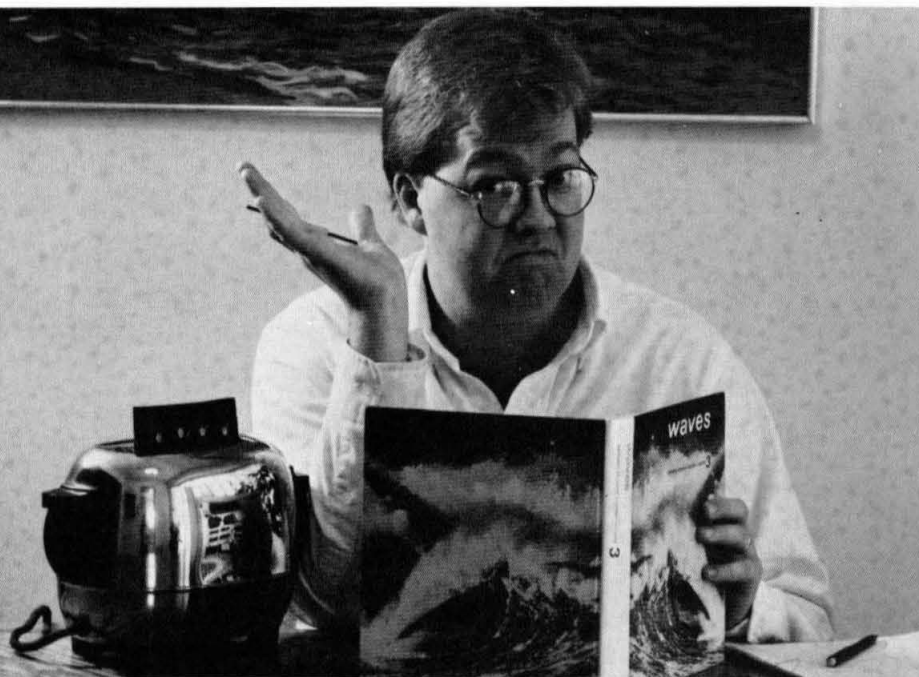
Xiaojian Yan
Physics
Peking, China

Gordon 'Fish' Prioreschi
Computer Science
Omaha, NE

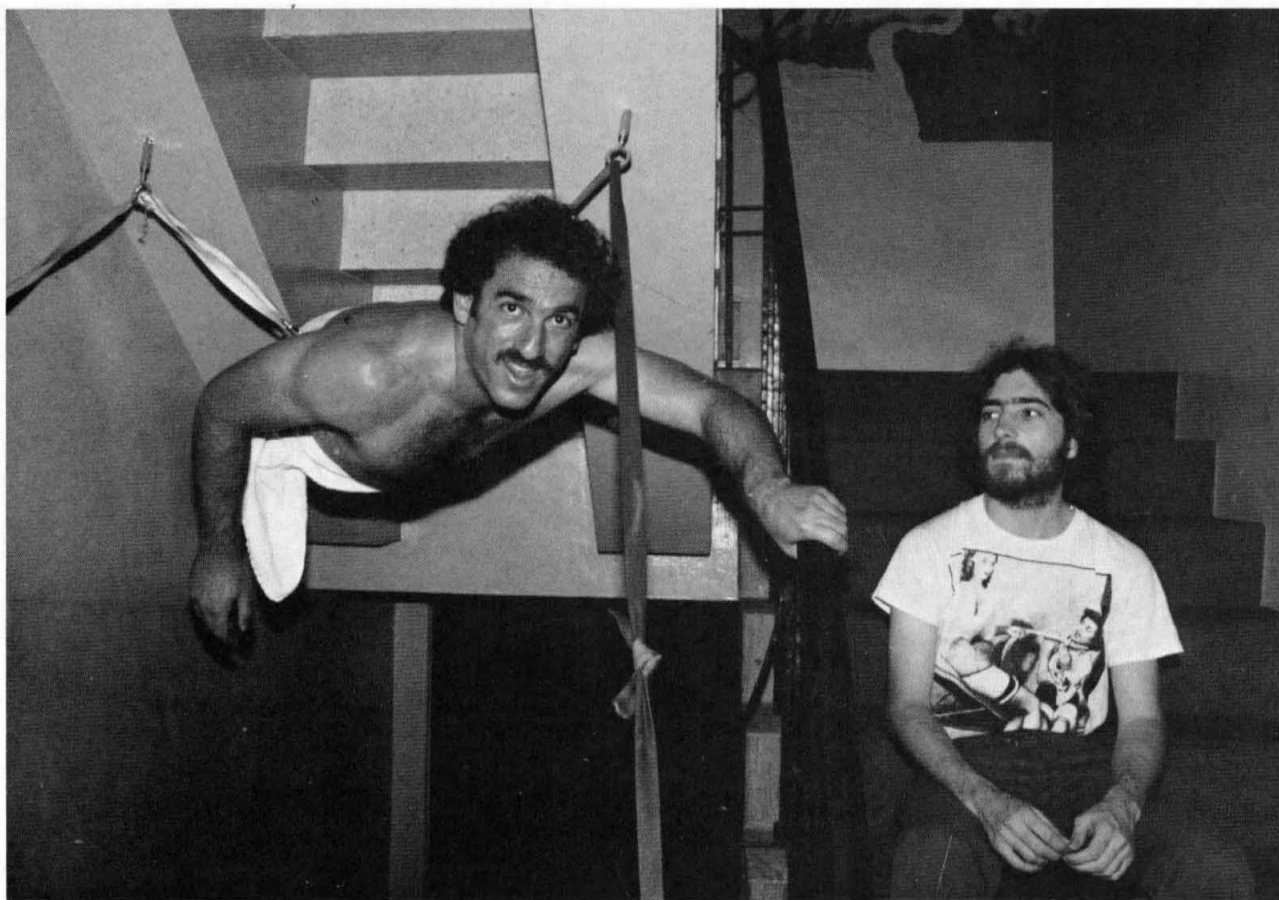
I solemnly swear to uphold the Physicist's Creed:

1. To write only incomprehensible textbooks.
2. To assign a minimum of 50 hour homework sets.
3. To create only theories that violate every shred of common sense, while claiming it is obvious.
4. To learn a foreign language badly and go teach in that country.

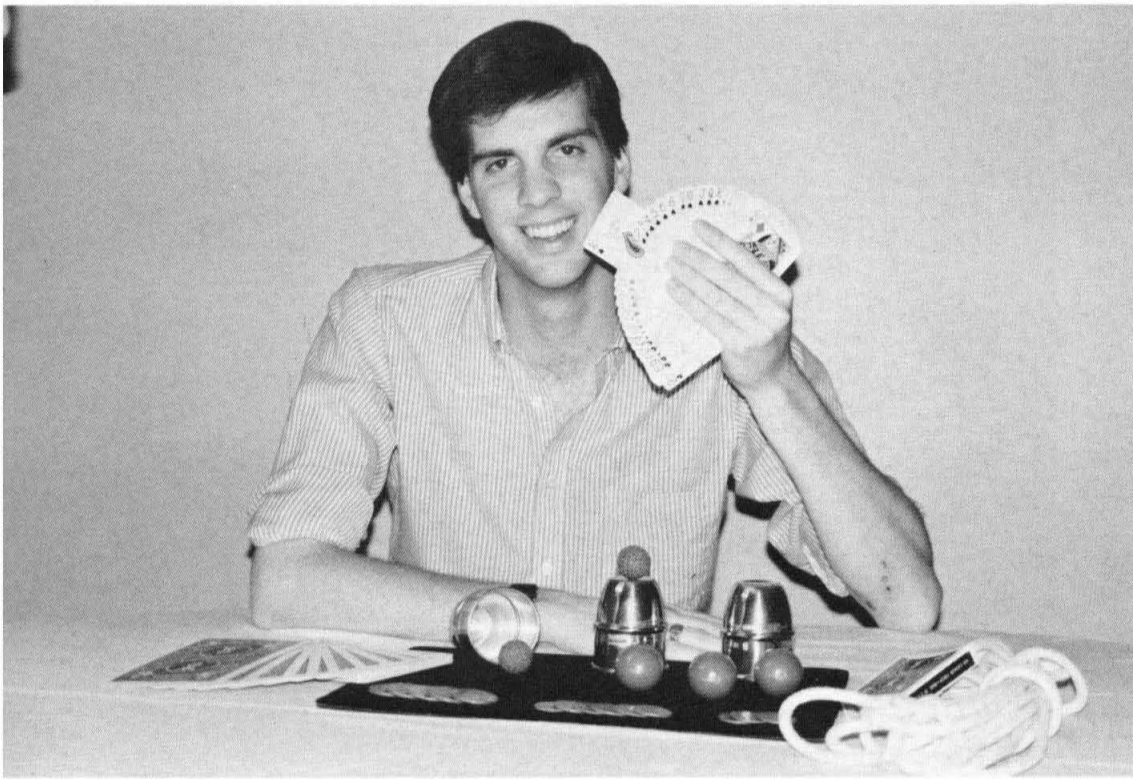
Michael Smyth
Physics
Tacoma, WA



Doug Schafer
Electrical Engineering
Red Oak, TX



Scott Richman
Applied Math
Newport Beach, CA



Mike Salisbury
Physics / Computer Science
Newport Beach, CA



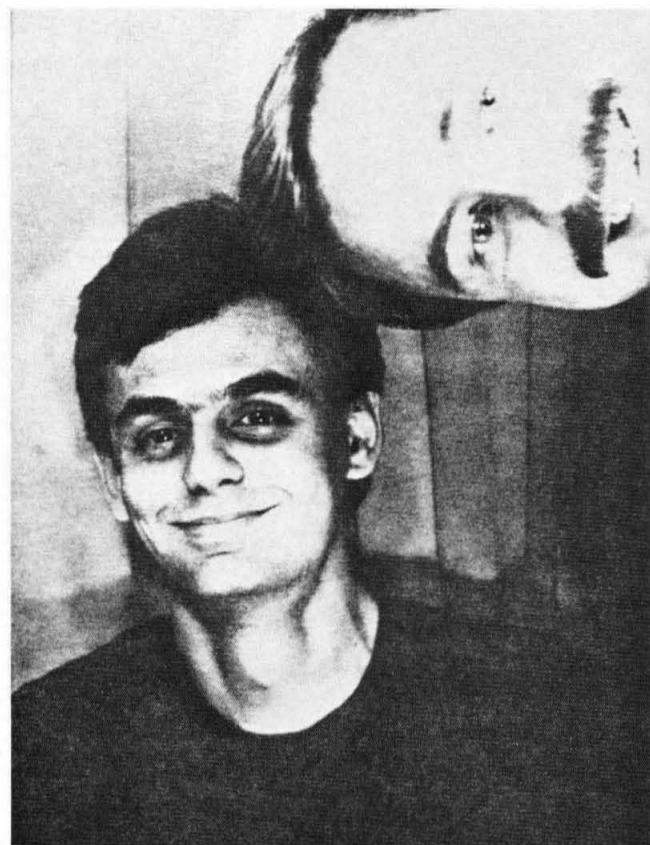
Dave Risher
E&AS
Huntington Beach, CA

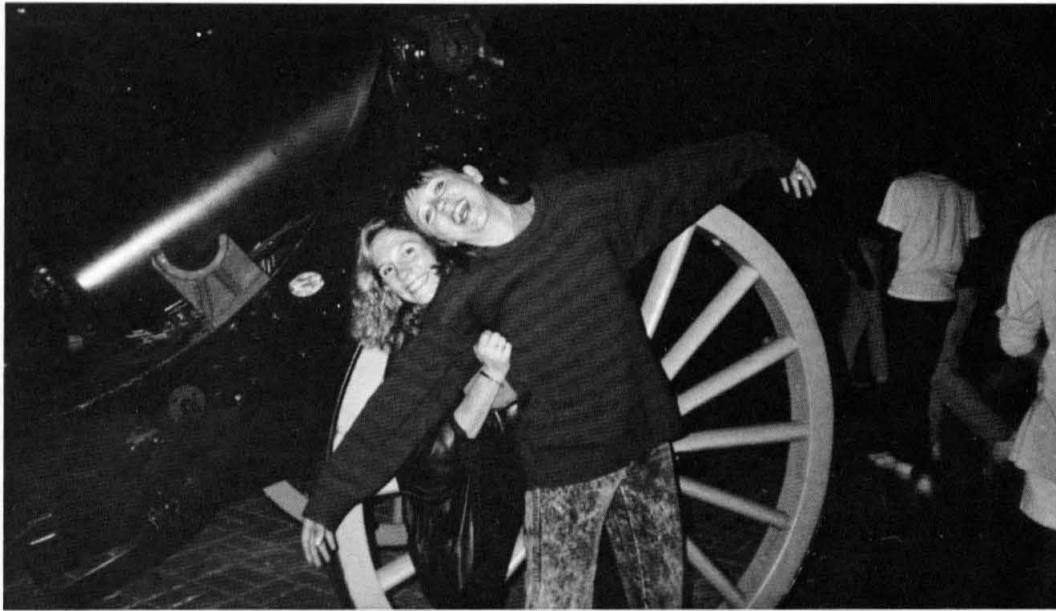
Scott Lewicki
Physics
Golden Valley, MN

"... and I roll the rock up the hill,
again."

Tarik Isani
Electrical Engineering
Blacksburg, VA

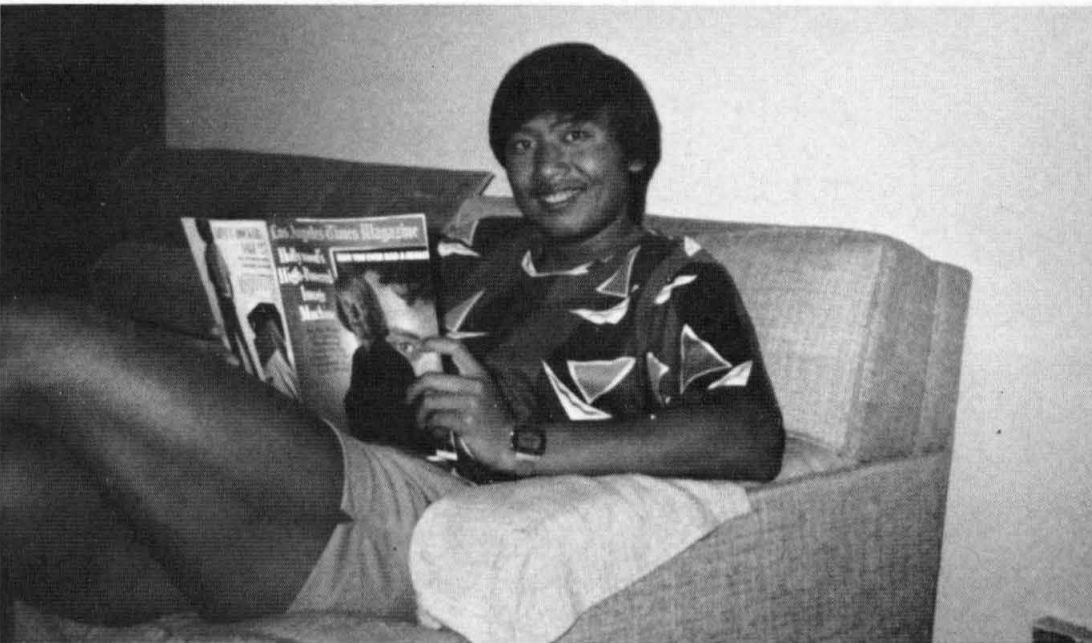
Dave LaFollette
Electrical Engineering
Indianapolis, IN





Vicki Lane
Biology
Surfer's Paradise, Australia

"We'll find something new to do now.
Here is lots of new blue goo now."

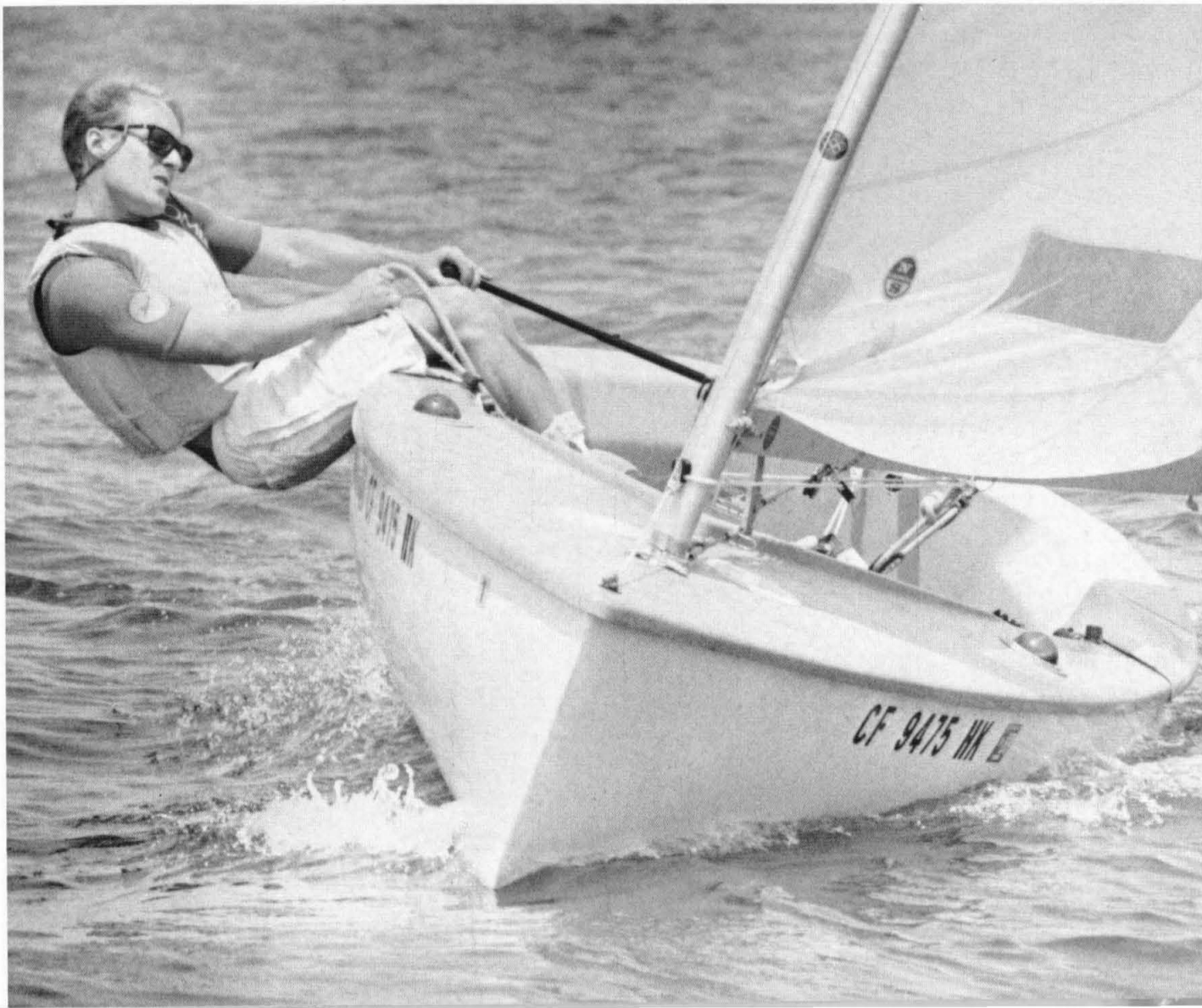


Xiaolei Zhu
Applied Math
Beijing, China

Randy Ralph
E&AS
Hobart, IN



Ted Rogers
E&AS
San Pedro, CA





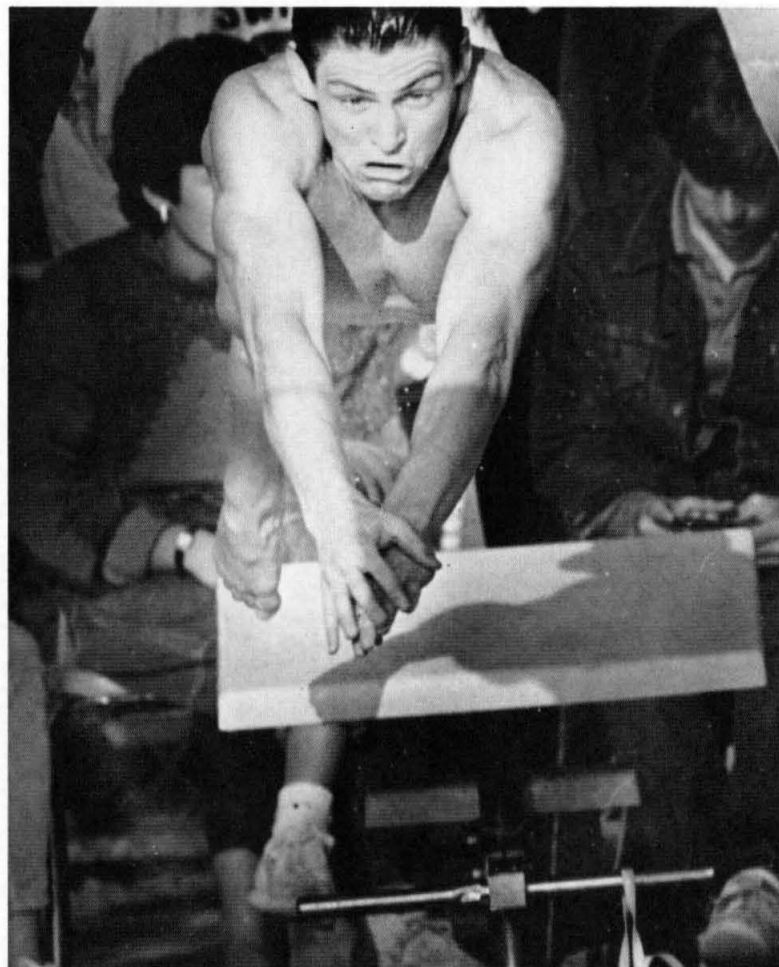
Katryn Wiese
Geology
Tacoma, WA

Chandra Lenore Tucker
Biology
Santa Barbara, CA

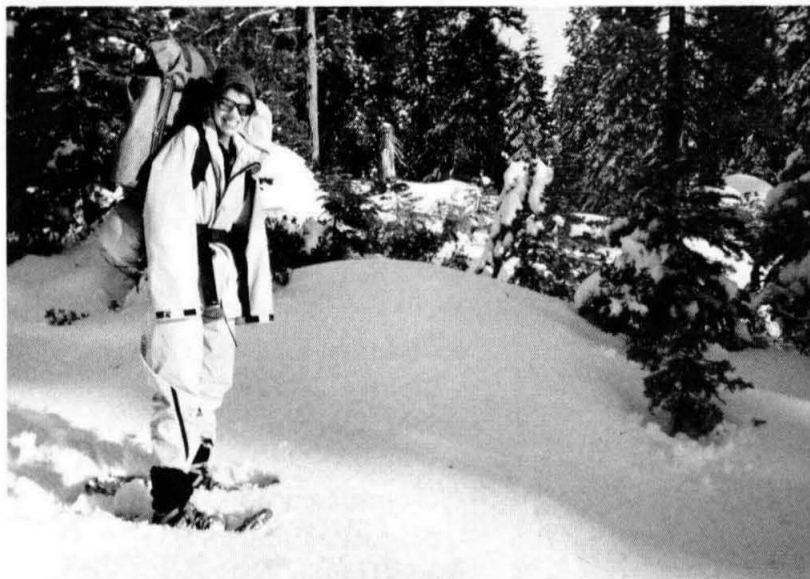
"Transparent things, through which
the past shines."
— Vladimir Nabokov



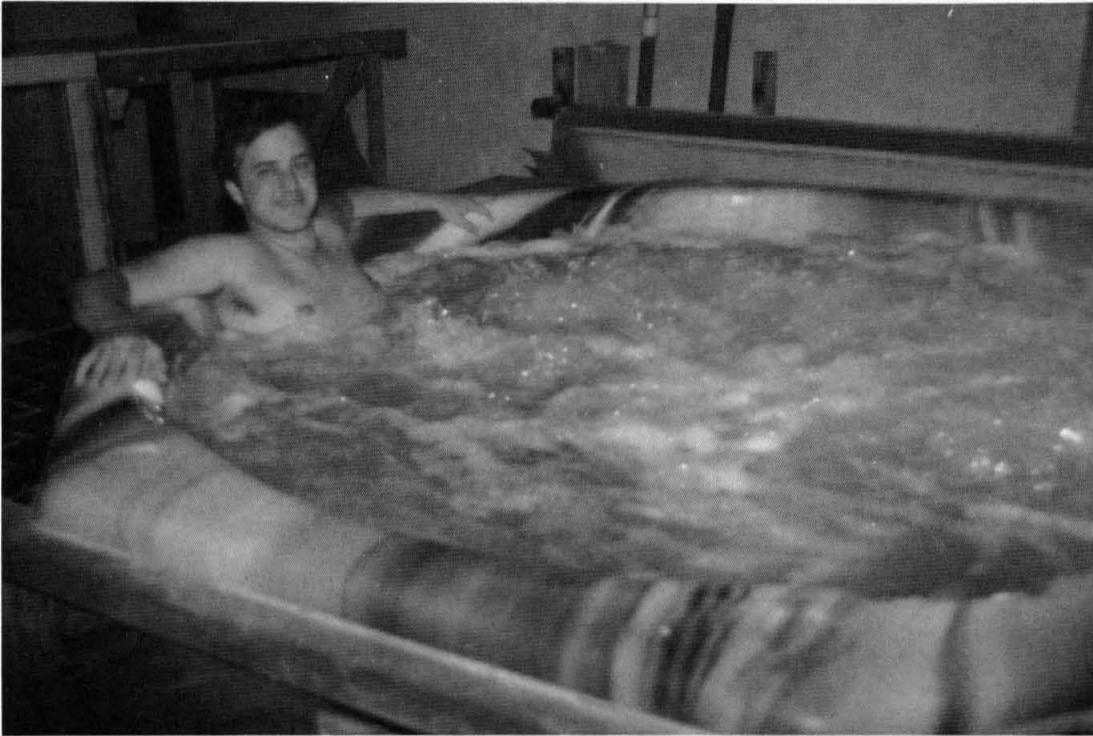
James Taylor
Electrical Engineering
Concord, CA



Catherine Swift
Geology
Honolulu, HI



Craig Sosin
Physics
Lincoln, NE

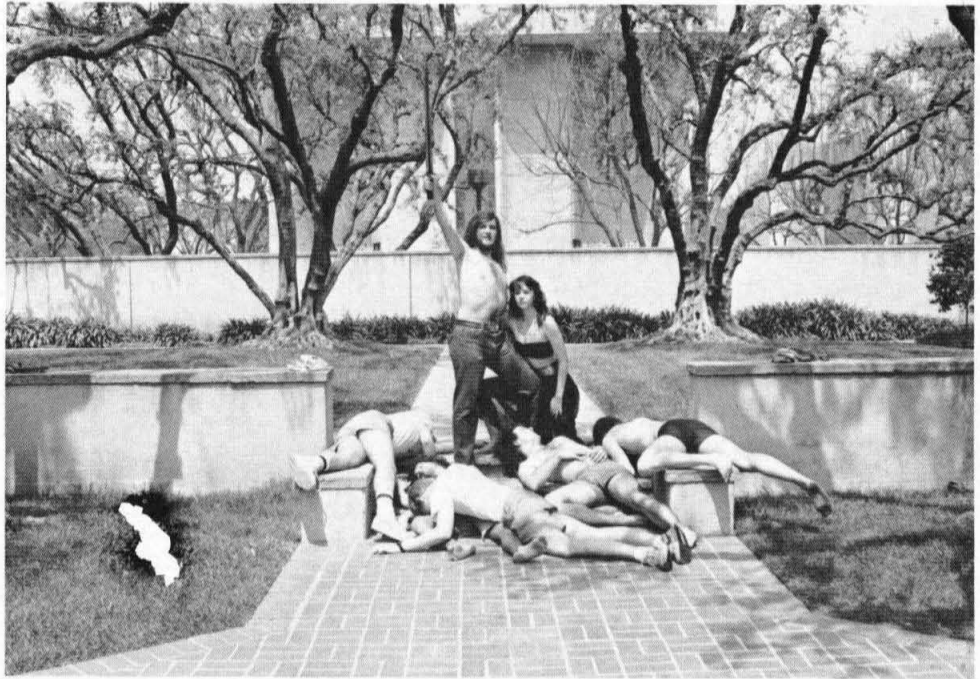


David Townsend
Physics / Planetary Science
Laguna Niguel, CA



Geoff Pilling
Physics / EE
Fullerton, CA
Viva Mexico!

Ross TenEyck
E&AS / Literature
Cottage Grove, OR

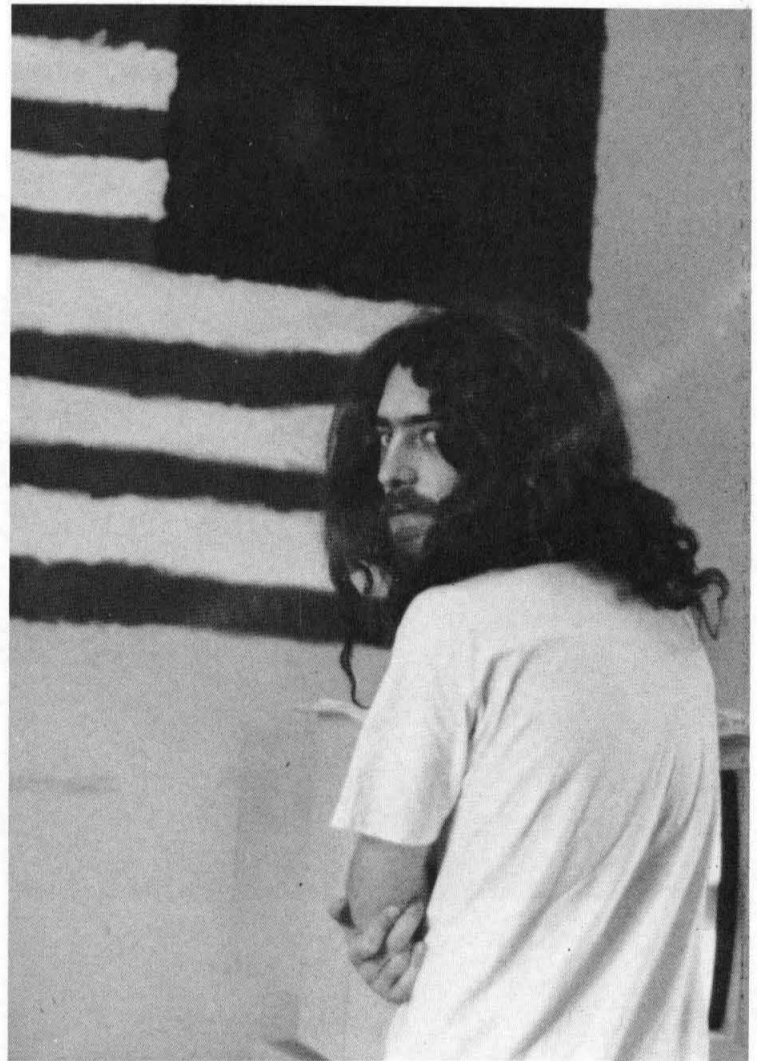


Below Right
Tom Trome
Math
Cincinnati, OH

"The point of no return is magnetic electrocution and hanging only buffered by life imprisonment."
— James (Anubis) Van Cleve

Below Left
Milton Tinkoff
E&AS
North Dartmouth, MA

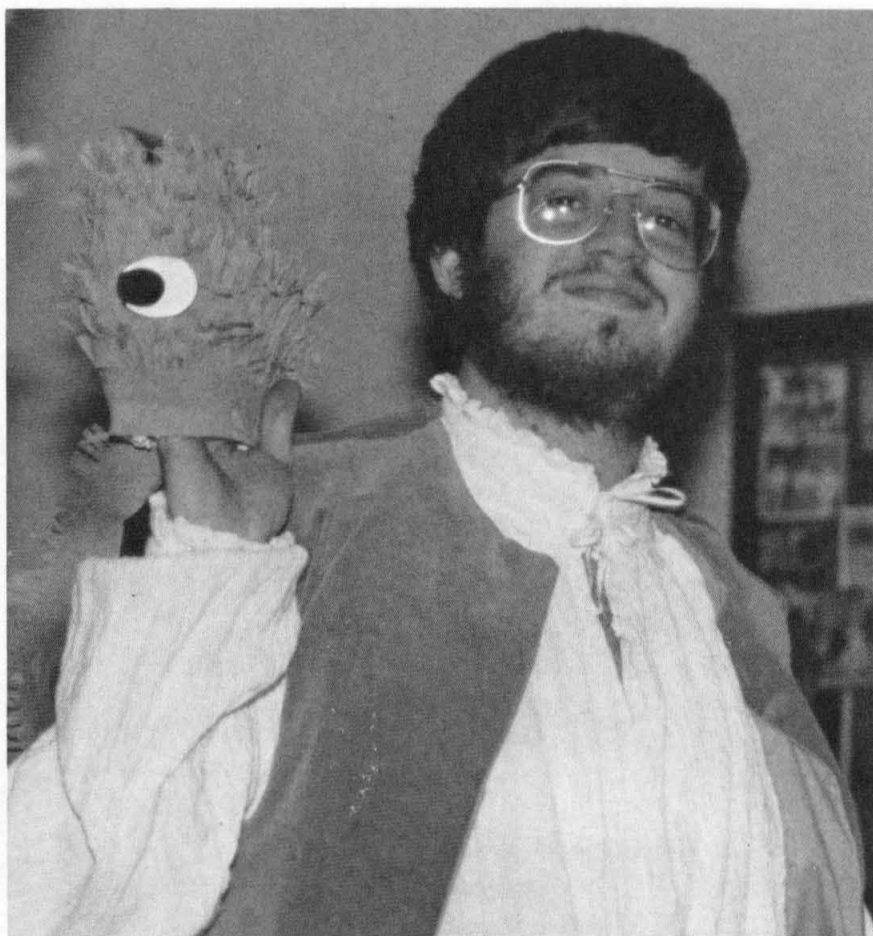
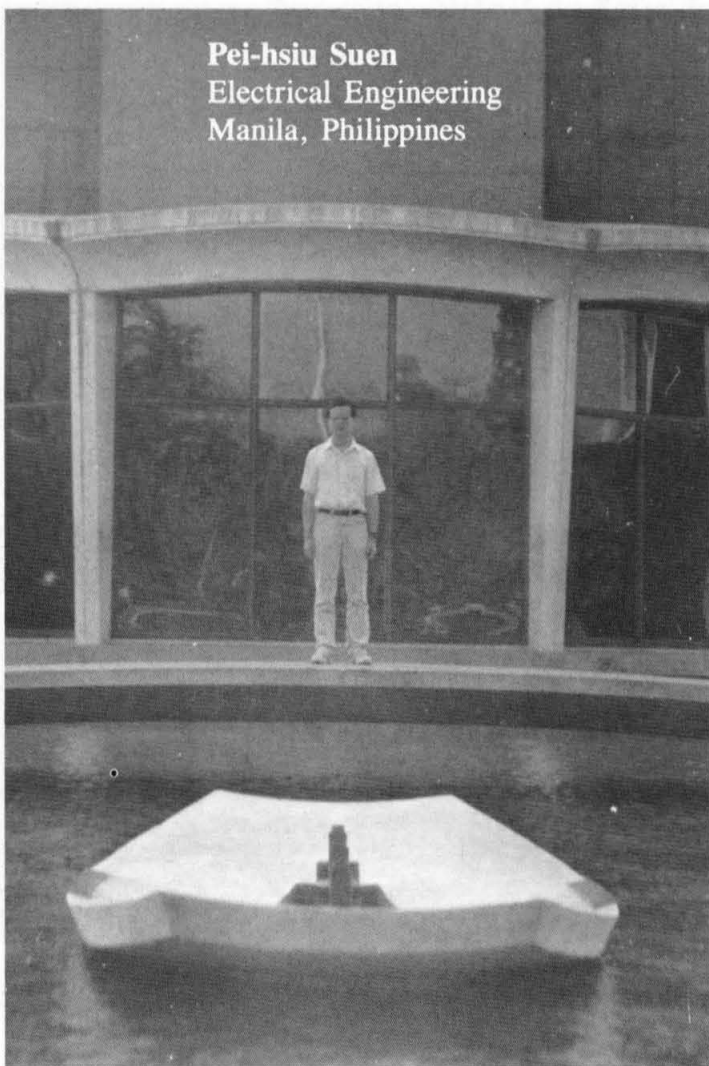
"It's better to regret something you have done than to regret something you haven't done."
— The Butthole Surfers





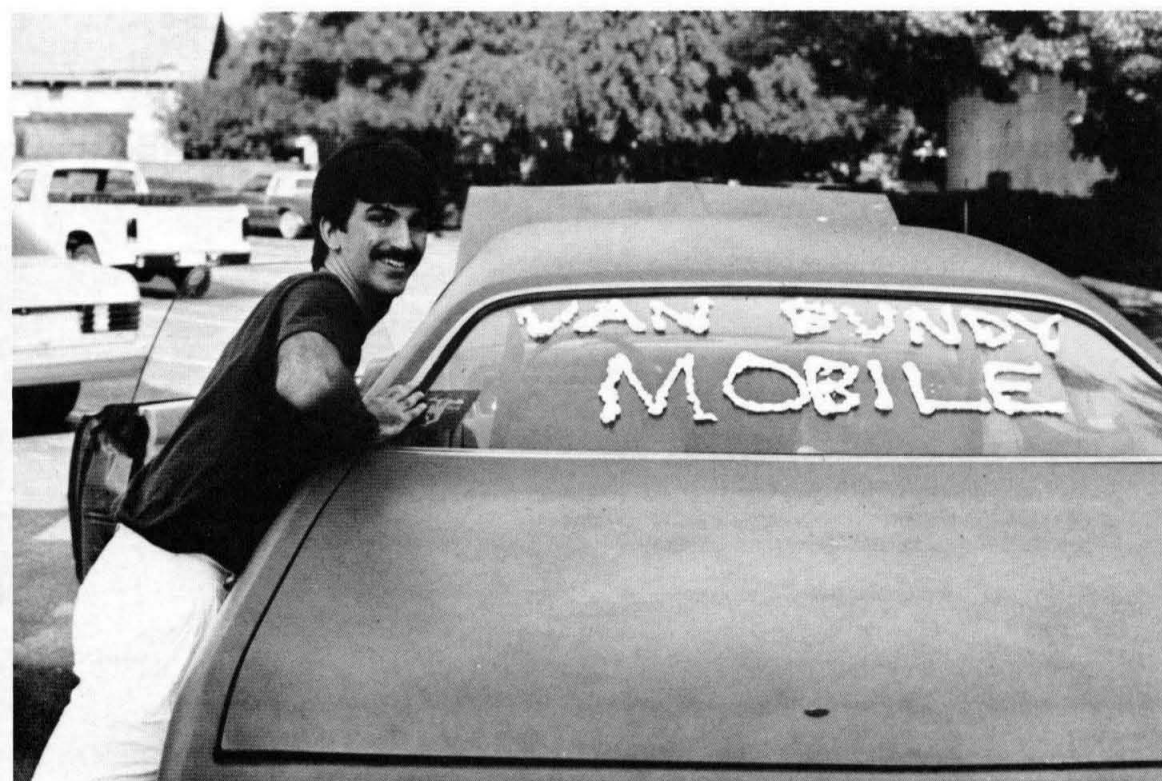
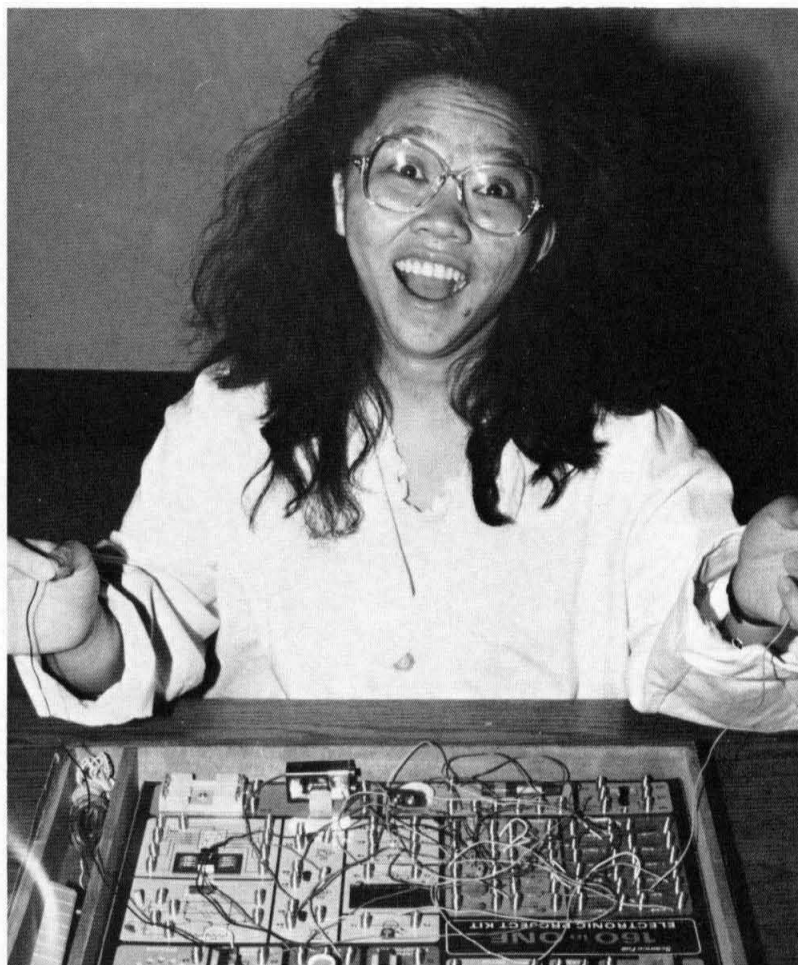
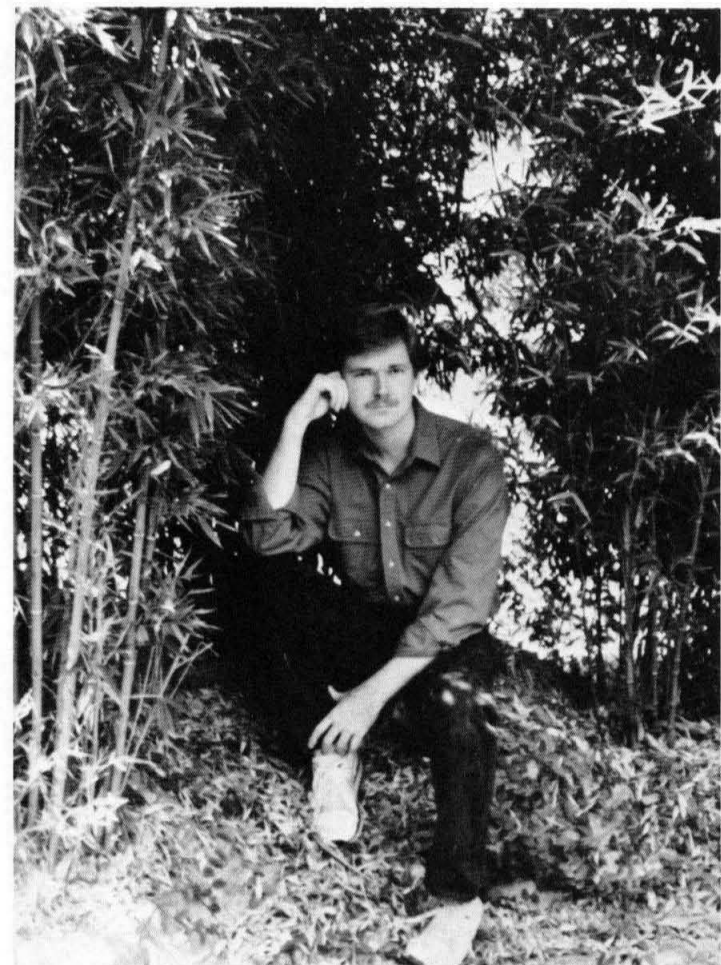
Glenn Tesler
Math / Physics
North Hollywood,
CA

Pei-hsiu Suen
Electrical Engineering
Manila, Philippines



"I traveled the road less
traveled by, and that made all
the difference."
— R. Frost

Harold Zatz
Computer Science / Chemistry
Maitland, FL



Above Left

David W. Wood
Biology / Chemical Engineering
El Paso, TX

Above Right

Jeannette Woo
Electrical Engineering
Los Angeles, CA

Kevin Van Bladel
Physics
Boynton Beach, FL

Marc Turner
E&AS
Golden, CO

“... little children do have words
given them many times, which con-
found the wise and the learned.”
— Alma 32:23



Joel Norris
Planetary Science
Moreno Valley, CA

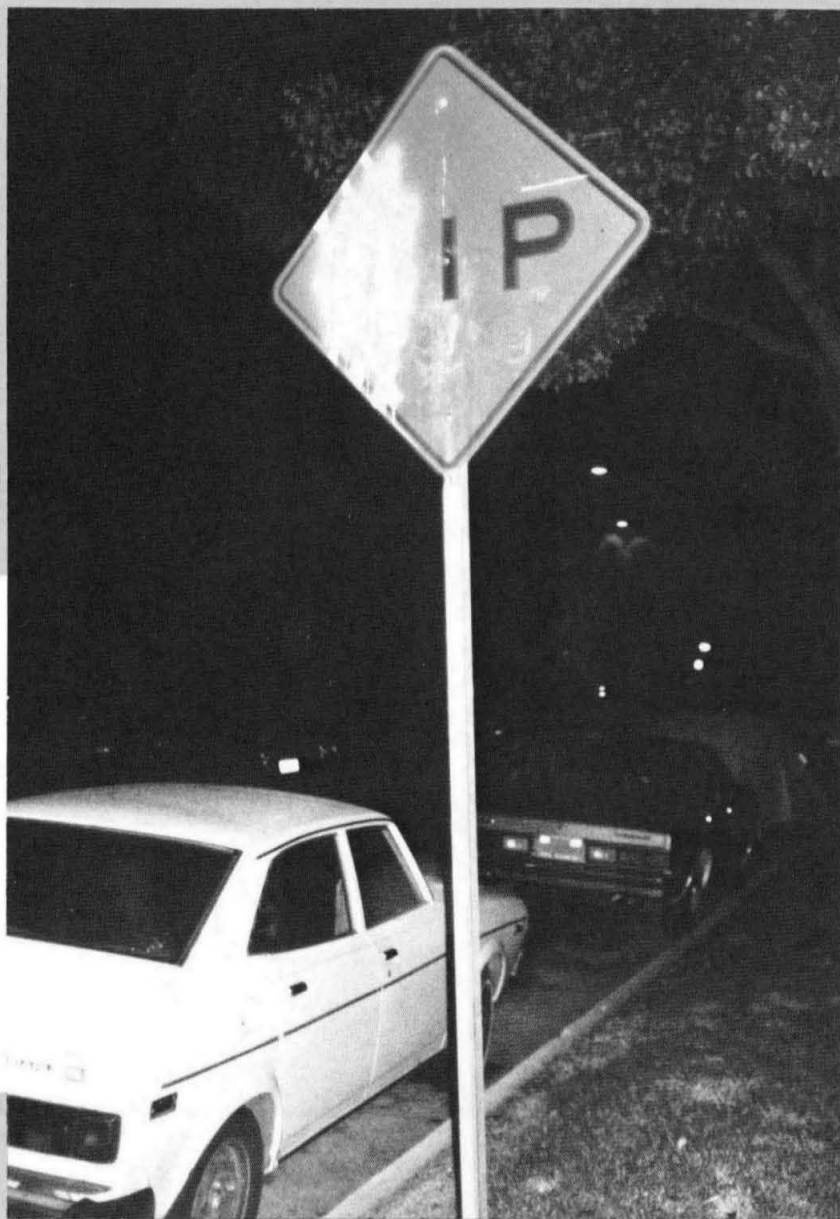




Ki-Ching Wong
Physics
Hong Kong

Blake Sullivan
E&AS
Santa Clarita, CA







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and
GOOD LUCK
to the
Class of 1990!



From the Staff of
the Industrial Relations Center

CONGRATULATIONS!

to the

GRADUATING SENIORS

the Physical Plant Department

Congratulations to

- Kate "Cornell" Loomis • Carver "UCLA Law" Farrow
- Phillip "Make Me An Offer" Fernandez
- Dwight "Broomball" Berg • Steve "Chili" Bard

Caltech Y ExComm 1990 Seniors !!

from the Y Board of Directors,
your fellow ExComm Members
and the Y Staff



CONGRATULATIONS

1990 GRADUATES

*from
the*

CALTECH
Alumni
ASSOCIATION

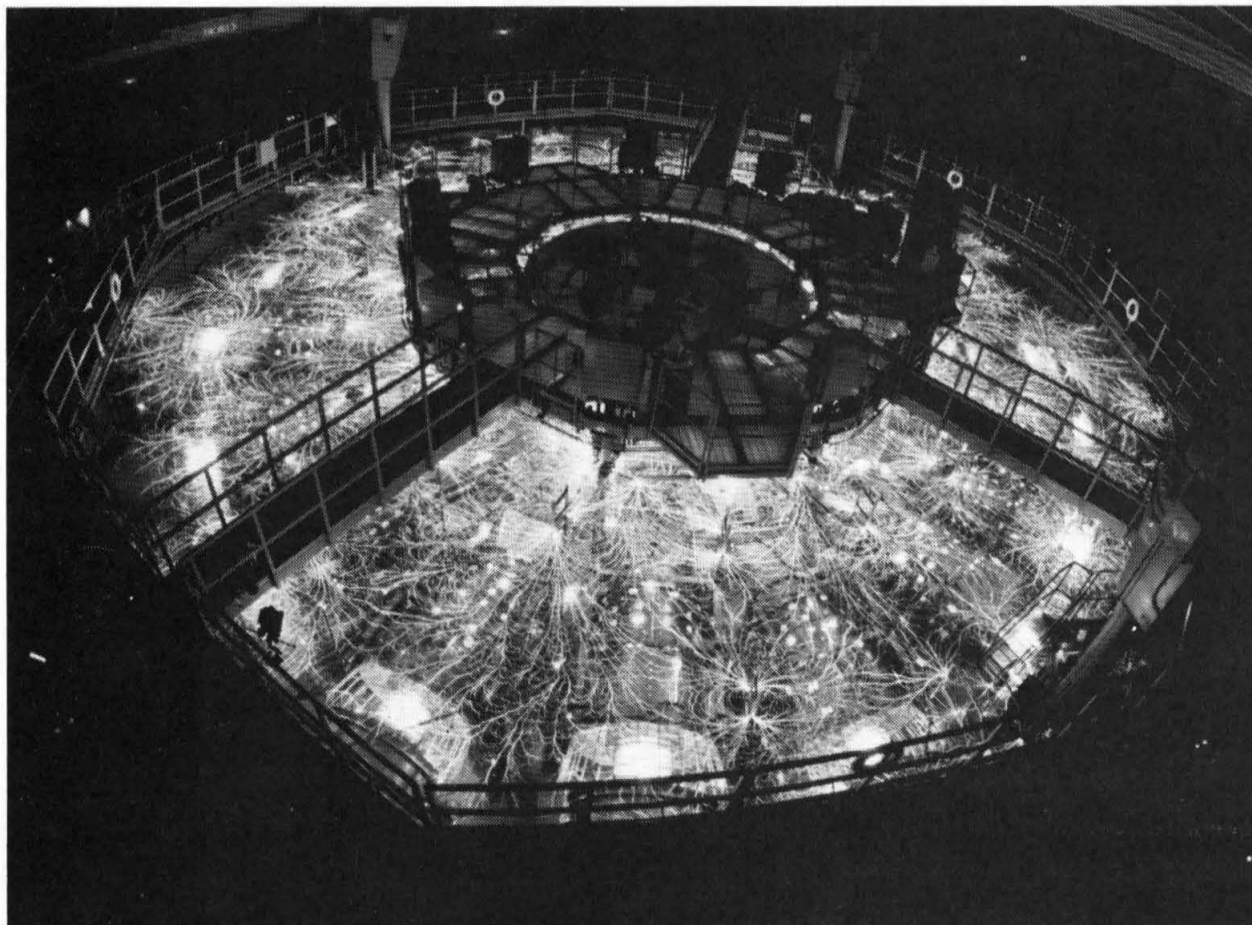
C O N G R A T U L A T I O N S

T O T H E

C L A S S O F 1 9 9 0

$$\begin{aligned}\dot{\mathbf{x}} &= \mathbf{Ax} + \mathbf{Bu} \\ \mathbf{y} &= \mathbf{Cx}\end{aligned}$$

FROM THE FACULTY AND STAFF
OF THE DIVISION OF
ENGINEERING AND APPLIED SCIENCE



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Division 3531
Sandia National Laboratories
PO Box 5800
Albuquerque, NM 87185

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Sandia National Laboratories
PO Box 969
Livermore, CA 94551



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Oracle Corporation, Recruiting, 500 Oracle Parkway, Redwood City, CA 94065

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CONGRATULATIONS

to the class of 1990
and best wishes
for a great future!



The Faculty



To: Kate
Lisa
Joan
Linda
Dr. Goodstein

From: Lynn

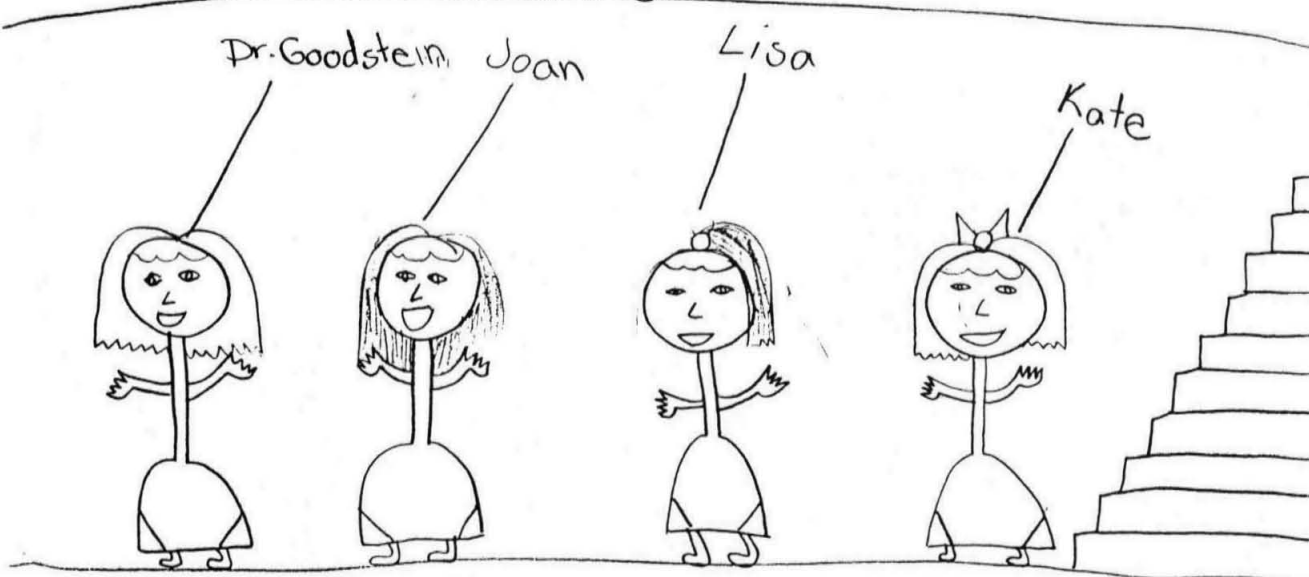


Good Luck
for your
future!

Dr. Goodstein Joan

Lisa

Kate



The Registrar's Office

Caltech Bookstore

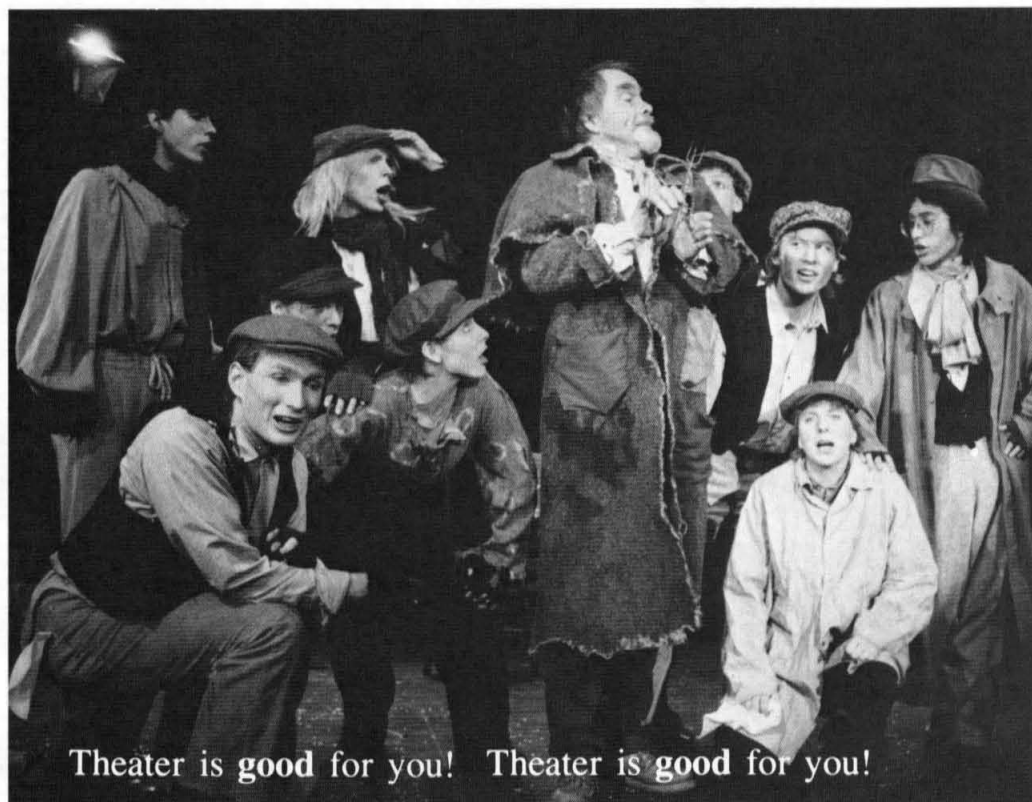
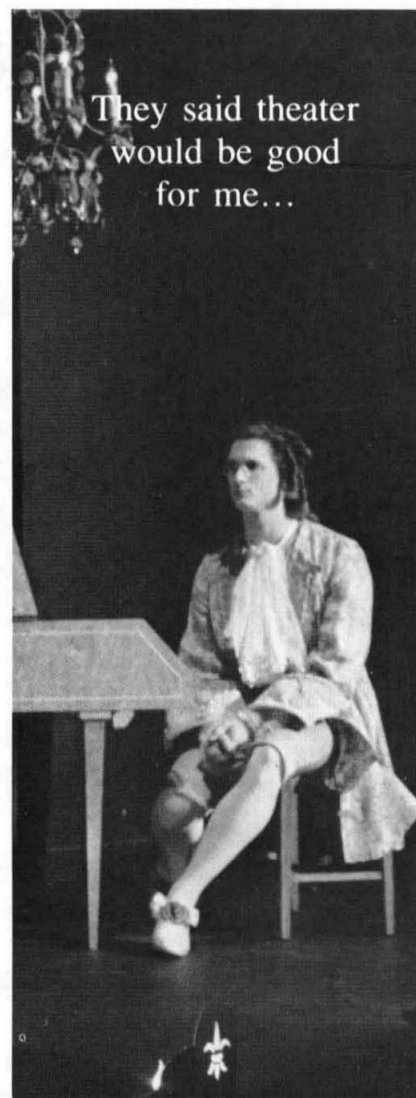
Congratulations and Best Wishes to the Class
of 1990

Scientific Books / Paperbacks / Magazines / Beavers / Calculators / Sweatshirts



TACIT congratulates Ken Andrews, Steve Bard, Chris Bertani, Ami Choksi, Rob Coker, Joe Dadek, Dave Edwards,

Christina Garden, Kirk Hargreaves, Amanda Heaton, Manesh Jain, Sean Johnston, Matt Kidd, Cliff Kiser, Scott Lewicki, Robert Maher, Fred Mallon,



Charlotte Manly, Rus May, Rich Reid, Marcus Santoso, Carmen Shepard, Dave Stevens, Ross TenEyck, Bruce Wheeler, Katryn Wiese, Harold Zatz

CONGRATULATIONS SENIORS! GOOD LUCK, CLASS OF 1990



THE DEANS' OFFICE

Congratulations and Good Luck

We wish the Class of 1990
the best of everything in the
years to come

the Division of Chemistry
and
Chemical Engineering

Continental Catering and Food Services

A Division of Burger Continental



CONGRATULATIONS GRADUATES

Congratulations and Good Luck



from the Career Development Center

Sally Asmundson, Carol Casey, Rosana Gatti, Dianne MacLaughlin, Sheryl Mercer

Best Wishes to Graduates from the Athletic Department

Good Luck... We'll Miss You!



Clint Dodd – Swimming, Water Polo

Mike Jackson – Tennis

Jim O'Brien – Track, Cross Country

Wendell Jack – Football

John D'Auria – Baseball

Gene Victor – Basketball

Marc Torres – Equipment

Jaye Tashima – Trainer

Kathy Hershey – Administrative Secretary

Dan Bridges – Athletic Director

S.U.R.F.
(Summer Undergraduate Research Fellowships)

congratulates

our

graduating seniors



CONGRATULATIONS GRADUATES

The Caltech Service League was founded in 1947 for the purpose of promoting the welfare and happiness of Caltech Students. Many of the members are parents of current or former Caltech students, or are families of staff members of Caltech or JPL, but any person sympathetic to students is cordially invited to join.

Some of the League's contributions to the Caltech community this last year include:

Freshman Parent's Day

In cooperation with the Institute, the Service League sponsors a freshman parent's day, an orientation program to introduce freshman parents to the Caltech community. This all-day event features a panel discussion, lunch, a tour of the campus and a tea.

Student Activities

The League gives financial aid to student groups such as the Glee Club, various instrumental groups, the ASCIT drama production, the **California Tech**, the **lyttle t**, the **Big T**, and the Caltech Y.

Decompression Evenings

In cooperation with the Caltech Y, the Service League has helped with "Decompression Evenings," an open house in Winnett Student Center during each of the final examination periods. All students are invited to take a break from study, and drop in for conversation, music, games, and a snack. The Service League gives a financial donation toward the supply of food, such as milk, fresh fruit and vegetables.

Thanksgiving Dinners

Each undergraduate student house is given funds for a complete Thanksgiving Dinner.

Christmas Boxes

Large decorative boxes laden with home baked goods, nuts, fruit, and food staples are given to all student houses at Christmastime.

Well Baby Clinic

For students, postdocs, and research fellows with families, a well baby clinic is available for children up to the age of two years. Checkups and immunizations may be received for a nominal fee.

Baby Furniture

Students may borrow cribs, strollers and other equipment needed by their small children. If the supply is large enough, research fellows and visitors to the Institute may also use this equipment.

Plant and Bake Sale

To augment its income, the Service League holds an annual Plant and Bake Sale.

Those interested in joining the Caltech Service League, or who have suggestions about how they can be of help to students can contact the Service League by writing to:

Caltech Service League 104-6

California Institute of Technology

Pasadena, California 91125

*Jazz Band
Bill Bing*

*Women's Glee Club
Monica Hubbard*

*Ceramics
Stuart Freed*

*Game Room
Doug MacKenzie*

*Silkscreen / Airbrush
Jim Berry*

Student Activities Center

*Just Lazing Around
Janet Lopez*

*The Caltech Coffeehouse
Jeanine, Janet, and your peers...*

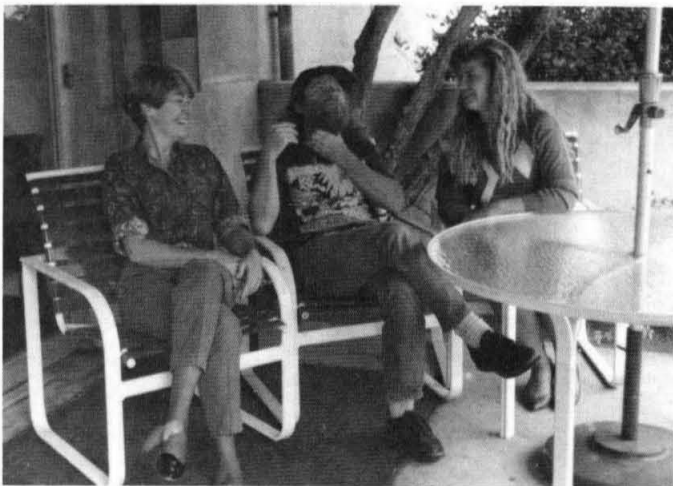
*Chamber Music
Delores Bing*

*Painting / Drawing
Jim Berry*

*Men's Glee Club
Don Caldwell*

Jeanine Conneally, SAC Coordinator

Congratulations!



The Master's Office wishes
Good Luck to the Class of 1990

Congratulations to our Graduates

Glenn C. Eychaner
Colin D. Howell
Robert L. Meyers
Joel Norris
Catherine E. Swift
John E. Werner
Patricia K. Wiese

Geological and Planetary Sciences

Congratulations and Good Luck
Graduates
from
CALTECH
public events

We hope to see you next year at some of our exciting events.

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 PATRICK STEWART — *A Christmas Carol* • TOPENG
 CIREBON • JACKIE TORRENCE • PRESERVATION HALL
 JAZZ BAND • BOSTON CAMERATA • JEAN REDPATH •
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IT TAKES A NATION OF
MILLIONS TO HOLD
US BACK

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Above: Four Yearbook Editors strike a pose. (*from left to right*) Obituaries Editor Scott Kister, Classifieds Editor Alecia Chen, Gossip Editor Craig Sosin, Fashion Editor Curt Hagenlocher

Photos were provided by Julian Chen, Lei Chen, Matt Fetterman, Chris Goddard, Chris Ho, Matt Kidd, John Krowas, Keith Langer, James Alan Low, Celina Mikolajczak, Mike Rozak, Paul Socolow, Craig Sosin, Michelle Tseng, and Adam Weissman.

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