

NIQUELY  

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TECH

BIG T 1993





## STUDENT LIFE

2



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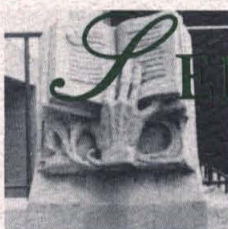
## GROUPS

44



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64



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164



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224



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240



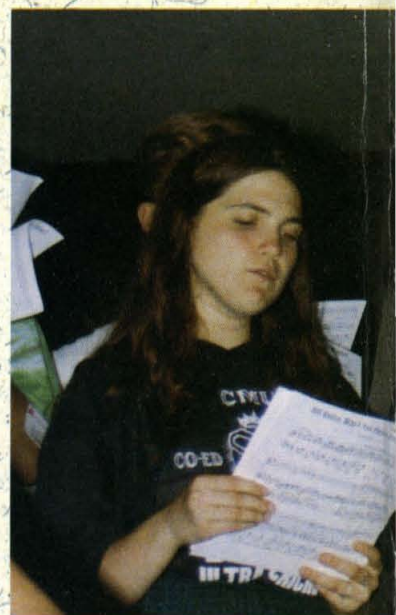


# **BIG T 1993**

California Institute of Technology  
Pasadena, California  
Volume 72



Prof. Wilson shows off his musical abilities during the talent show.



## STARTING OUT

For most students, the first few days at college are often a terrifying experience. With this in mind, administrators designed Frosh Camp, a unique three day, two night excursion from the Caltech campus for entering freshmen and transfer students, as a way to make the new students more comfortable with their classmates.

Among most schools, leaving campus for Freshman Orientation is unheard of. However, Caltech, which prides itself on being the exception and not the norm, has been doing this for what seems like decades.

Soon after arriving on campus in September,

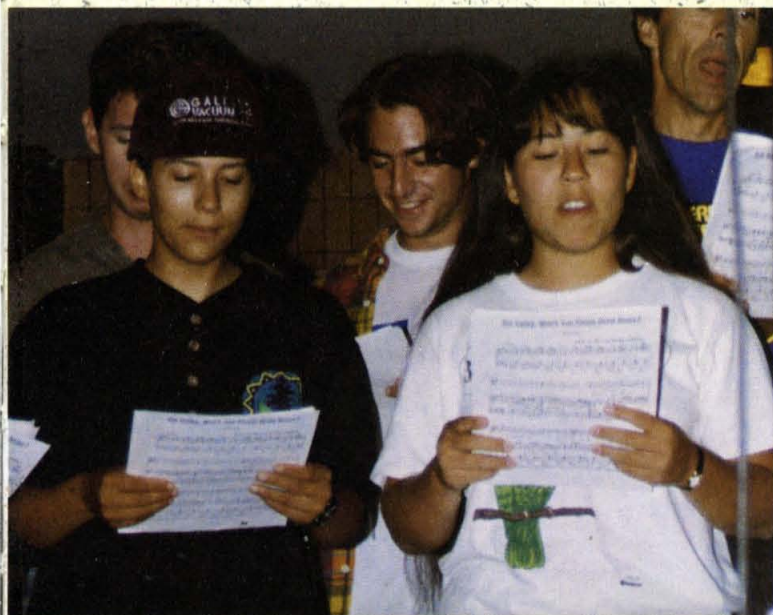
all the new students were packed onto a ferry and taken to a YMCA camp at Catalina Island, 26 miles off the coast of Los Angeles. The newcomers passed their time with volleyball, swimming, ultimate frisbee, and a slew of other original activities. Tech supplied students with Playfair, hikes, a series of lectures about the Honor Code and other assorted topics, as well as an impromptu talent show which featured the new students. These activities seemed to accomplish what planners had hoped: letting people get used to the idea of a new environment without a lot of pressure, and giving them a chance to meet the unique people

who come to Caltech.

The freshmen welcomed the idea of leaving campus for an orientation period. "It's a good way to meet people without academic pressure," said Nathan Mates. "Everyone just seemed so optimistic and happy," said another freshman, James Honaker. The trip to Catalina Island gave many a festive and hopeful outlook for their careers at Caltech. Upon returning to campus, freshmen had a few more days before the deluge of classes to ponder what other unique experiences their years at Caltech would bring to them.

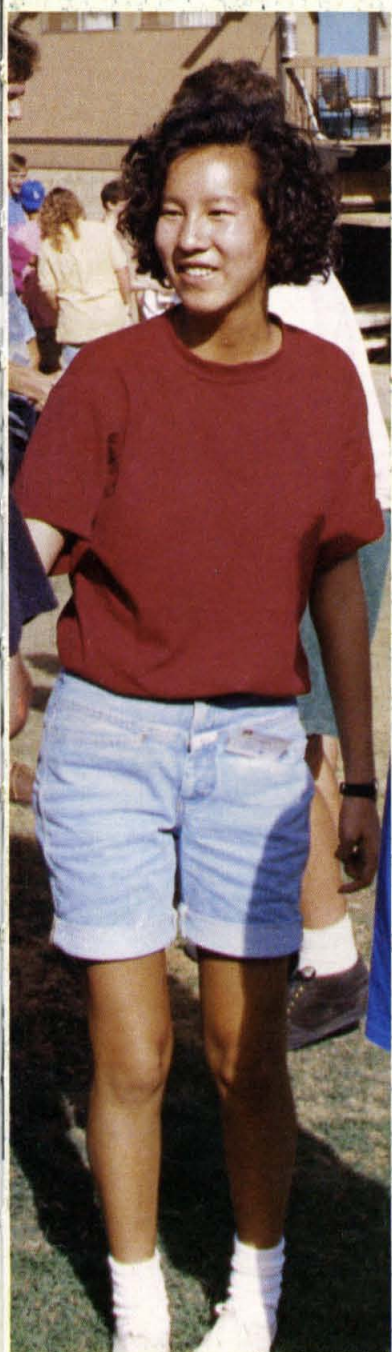
by Nestor Ocampo





An ensemble of new and old students showcase their singing abilities.

Enthusiastic UCC's lead the new Frosh class in some Play Fair games.



Joan-Marie Gimbel leads her group in a discussion of the Honor Code.

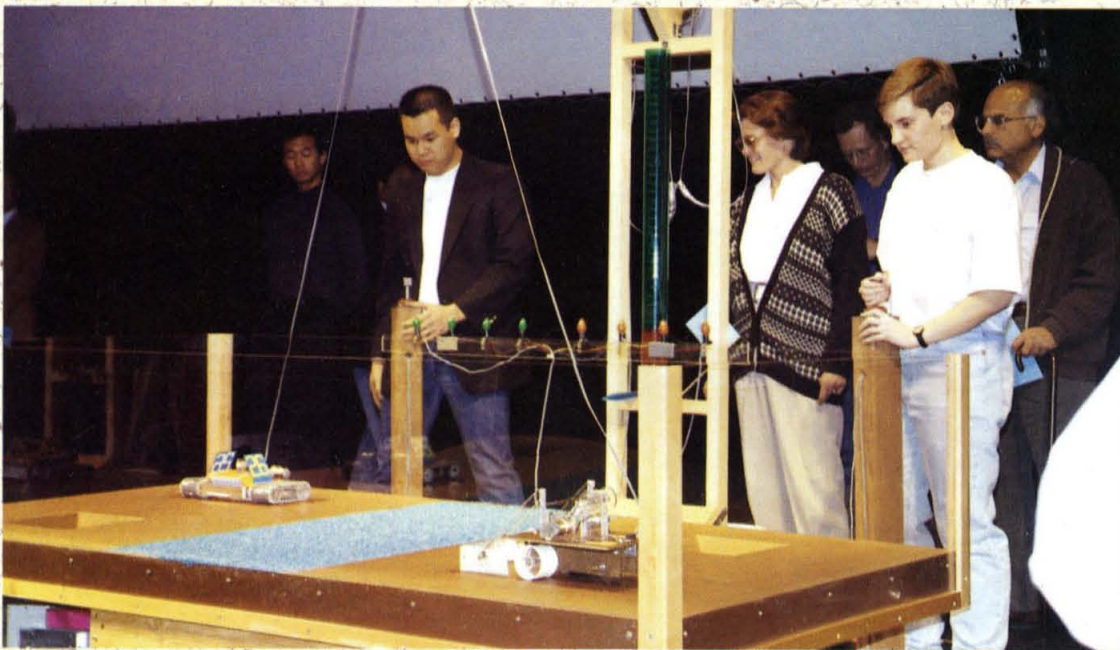
Kathryn Tao learns what Frosh Camp is all about: making new friends.



Laura Verhoff may only be on Pass/Fail, but she is still working hard.



Gary Lorden enjoys himself at the President's House.



Albert Lee and Theresa Miller prepare to battle it out for the chance to advance in the annual ME 72 design contest.





After hours of work, Senior Ken Wiberg puts his invention to the test in the ME 72 contest.



# AMAZING VARIETY

The majority of benefits at Caltech are discovered only after one attends the Institute. The academics of the Institute, on the other hand, are heralded throughout the world. Students from all corners of the globe come to glean as much as they can from world class professors working in world class facilities.

Visiting students are usually surprised at the amazing variety of a Caltech education. Students can graduate knowing that they were fairly and completely exposed to diverse fields of study, yet had enough time to concentrate on their own specialization.

Throughout a student's career, contact with a faculty member who is willing to help a student explore is precisely what makes Caltech so unique. From

Nobel Laureates and esteemed visiting professors such as Stephen Hawking, to the just hired Research Assistants, the faculty can be counted on to evoke the excellence of the students and bring honor to the title "Professor."

Research opportunities are the largest draw to an institute like Caltech. Who can say how many schools exist in the world where an undergraduate has the opportunities comparable to those at Caltech? Perhaps none.

In retrospect, most students cannot single out one part of the unique Caltech experience as the most important to them. Academics, however, are always pointed out as a priority that most were incapable of ignoring.

by John White



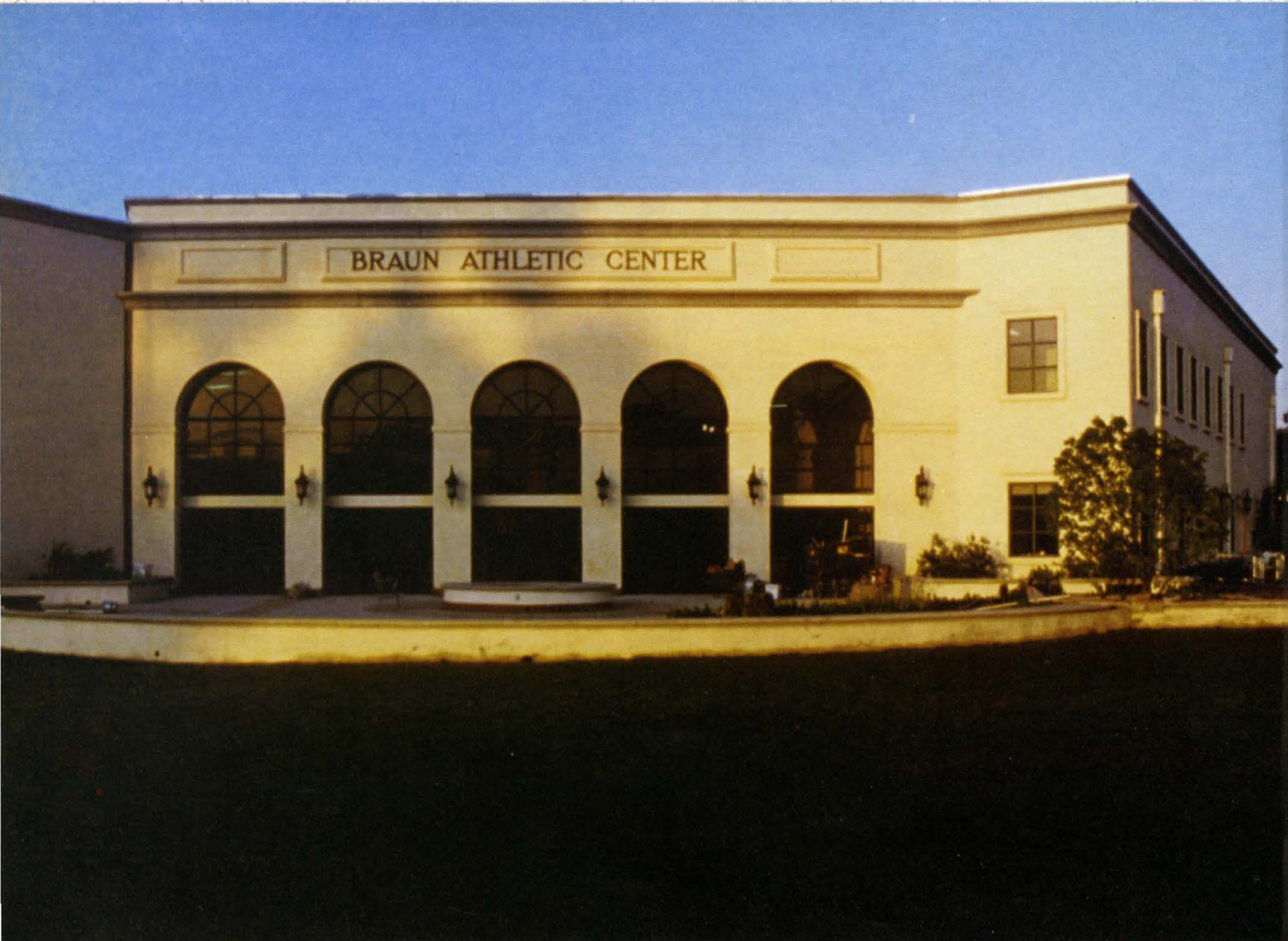
World-renowned Professor Steven Hawking spent several months at Caltech this year.



Study, study, study, late into the night.



Chris Buchner warms up for a water polo match. Charles Sharman evades an Occidental player.





Clint Dodd encourages his waterpolo team to victory.



# TRY HARD

There were no national championships, no bowl games, and no prime time television exposure for Caltech athletics this year, but sports at CIT thrived nonetheless. In a world where the line between athletic amateurism and professionalism is becoming blurred, Caltech stands out as a rare and unique institution where the term student/athlete is not a paradox. Despite the intense academic environment, a great number of students devoted valuable time and effort toward pursuing athletic excellence. At virtually any other university, a

physicist or biochemist would have zero chance of playing noseguard, shortstop, or starting center for the school team. But at Caltech, anyone with dedication and desire can take advantage of the opportunity to participate in intercollegiate athletics. With the support of a talented and hardworking athletic department, students can compete on their own personal field of dreams. And that spirit which is embodied in Caltech's unique athletic program is what sports is really all about.

by John Haba



Caltech's newest addition to the Athletic Department is Braun Center.

Jennifer Remine, track star, practices throwing the javelin.



Caltech's fledgling Women's Volleyball team takes a timeout to review their attack.



A trio performs in Winnett Quad, a frequent site of noon concerts.

Jeff Bramel solos on the sax with the Caltech Jazz Band at the Baked Potato, a local jazz club.



## THE ARTS?

**D**o you want to be a star? Do you think that you are the next Michelangelo or Mozart? Well then, Caltech is the place for you! Okay, maybe not, but Caltech does offer its students wonderfully unique opportunities to express themselves artistically. The teachers and directors here are all extremely talented in their field.

Caltech offers three hands-on art classes every term: Drawing/Painting, Silkscreening/Airbrush, and Ceramics. Guided by Jim Barry and Stu Freed, you can make your own shirts and plates. More "formal" art history classes are also offered throughout the year, which often include trips to local museums.

If music is your bag, there's a bunch of performance groups on campus. Delores and Bill Bing direct the Chamber Music groups, the Wind Ensemble, and Caltech's famous Jazz Bands. Under Alan Gross' baton, you can perform with the Caltech/Oxy Orchestra.

If your voice is your instrument, then seek out Monica Hubbard or Don Caldwell, the directors of the Women's and Men's Glee Clubs and the Chamber Singers. All of the musical groups give several concerts during the year. And if that wasn't enough, you can also learn about music theory and music history in the classroom.

Even if you've never been on stage before, you can bet that Shirley Marneus wants you in her production. TACIT (Theater Arts at CIT) is quite active on campus, putting on at least three productions each year. One is usually a full-scale musical in which anyone can get involved: even if you don't perform, you can work backstage.

Besides being fun, getting involved in arts at Caltech is a great way to meet other students, faculty, and staff, and getting in touch with your creative side is a great way to escape the academic pressures of Caltech!

by Debi Tuttle



Suzie Follmer, left, and Leslie Maxfield perform in **Hel-lo, Dolly!**, TACIT's annual musical.



Ceramics students create beautiful pottery.



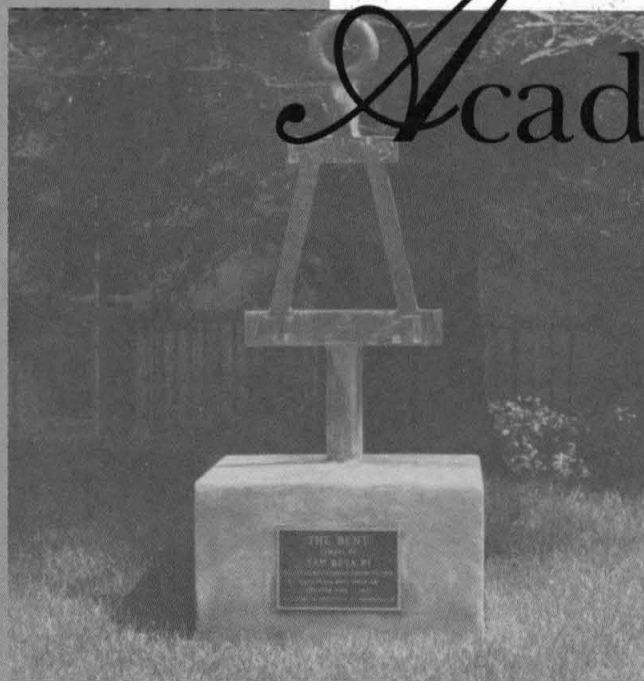
The Chamber Singers, led by Don Caldwell, pose after a concert.







# Academics



*“My visits to Caltech this year and last have been very stimulating. I feel I may now be on the track of what happens when a black hole evaporates.”*

Professor Steven Hawking



# *CDC*

## CAREER DEVELOPMENT CENTER



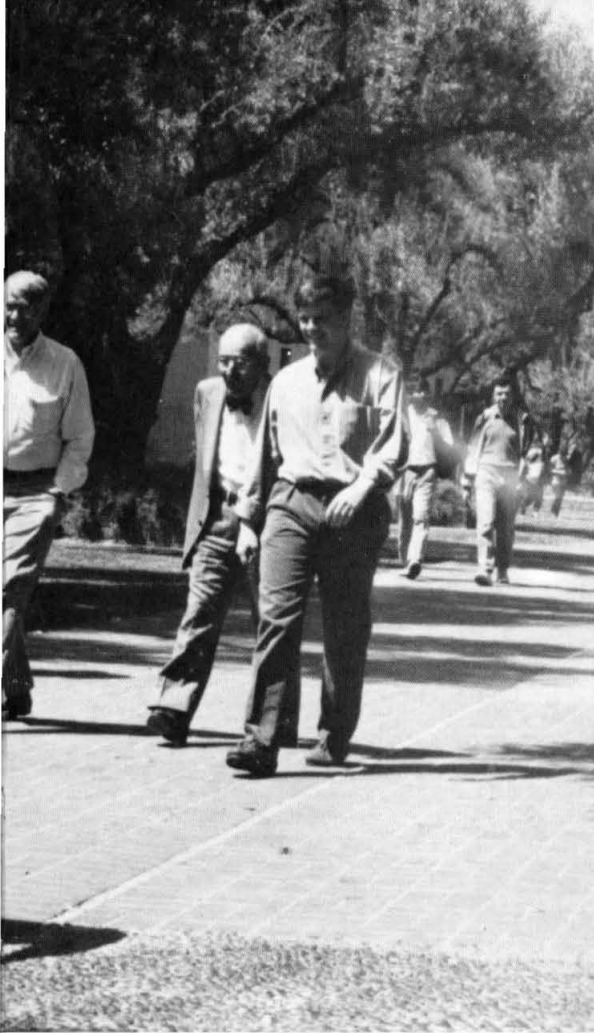
**Front** Sally Asmundson, Rennie Dudek, Rosana Madrid Gatti, Dianne McLaughlin, Linda Powell, Amy Seidel Malak

**Front** Mary Kennedy, Judith Campbell, Norman Davidson, Elliot Meyerowitz, Paul Sternberg, David Anderson  
**Middle** Melvin Simon, Alexander Varshavsky, Henry Lester, Giuseppe Attardi, James Strauss, William Dunphy, Ray Owen, William Dreyer  
**Back** Gilles Laurent, Stephen Mayo, Kai Zinn, James Bower, Paul Patterson



# *BIOLOGY*





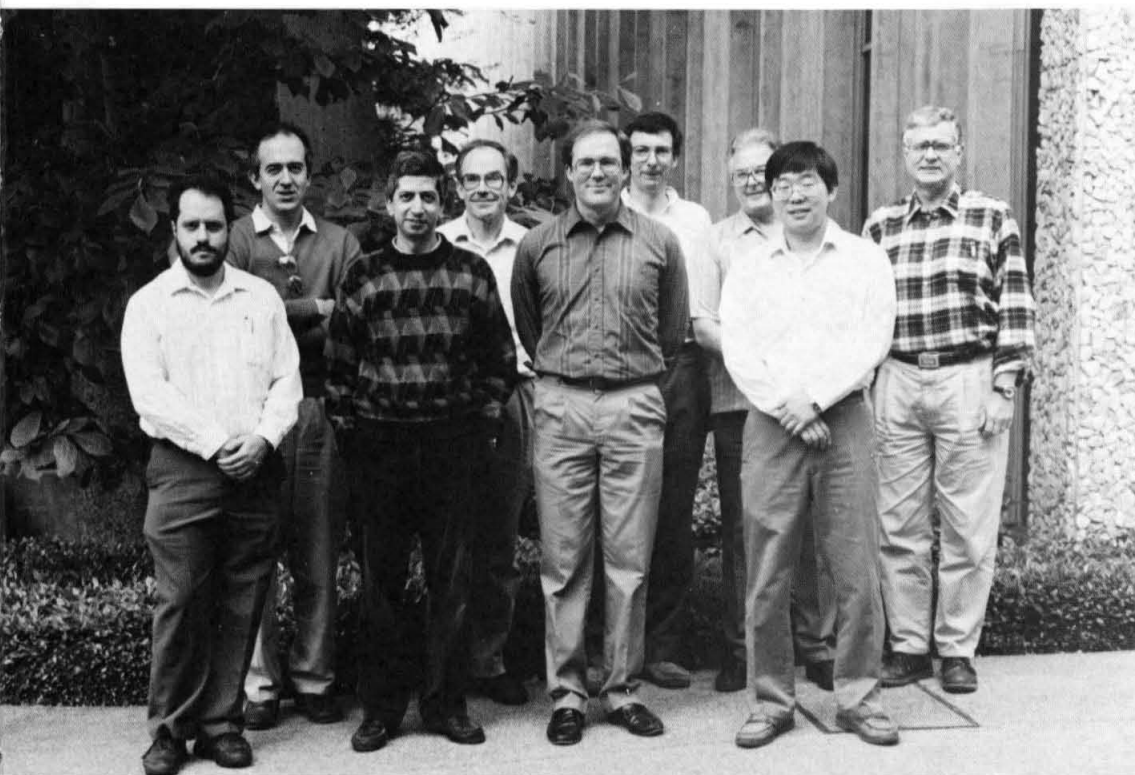
Hungry professors hurry to  
the Ath.

# *PRESIDENT'S OFFICE*



**Front** Wilhelmina Brown,  
Dr. Thomas Everhart, Nan-  
cy O'Connor, Linda Riggall,  
Susi Martin, Mary Webster

**Front** Barry Megdal, Yaser  
Abu-Mostafa, George Zim-  
merman, Yu-Chong Tai  
**Back** Pietro Perona, Robert  
McEliece, David Rutledge,  
David Middlebrook, William  
Bridges



# *ELECTRICAL ENGINEERING*



# HUMANITIES

**Front** David Hilbert, Oscar Mandel, Cindy Weinstein, James Lee, James Woodward, Peter Fay **Back** Kevin Gilmartin, Fiona Cowie, Alan Hájek, Jenijoy LaBelle, Dan Kevles, George Pigman, Philip Hoffman, Ron Bush

**Front** Suzette Cummings, Rod Kiewiet, Connie Calderón, Sandra Estes



PARSONS - GATES HALL OF ADMINISTRATION

## DEAN'S OFFICE



Suzette Cummings relaxes at Frosh Camp.



# MECHANICAL ENGINEERING



**Front** David Goodwin, Edward Zukoski, Melany Hunt, Richard Murray, Joel Burdick, Chris Brennen, Allan Acosta, Erik Antonsson



## SAC

### STUDENT ACTIVITIES CENTER

**Front** Elizabeth Sheiman, Gina Armas



# SOCIAL SCIENCES



**Front** Thomas Palfrey, Mahmoud El-Gamal, Peter Bossaerts, Elisabeth Gerber, Eric Hughson **Back** Richard McKelvey, David Grether, Lance Davis, John Ledyard, Peter Ordeshook, Kim Border, Charles Plott, Morgan Kousser

**Front** Charlie Aller, Scott Jung, Tracy Poole, Frank Vargas **Back** Garrett Choi, Carole Snow, Sabrina Ramos, Marcy Whaley



## ADMISSIONS OFFICE



# GEOLOGY



**Front:** Clair Patterson, Duane Muhleman, David Stevenson, Andrew Ingersoll, Bruce Murray **Back:** G.J. Wasserburg, Peter Wylie, Robert Clayton, Joann Stock, Thomas Ahrens, Hiroo Kanamori, Leon Silver, David Harkrider

## *DRL / MOSH / RA'S*



**Front:** Debi Tuttle, Jennifer Trittschuh **Middle:** Pedro Pizarro (Pa), Michelle Apperson (Bl), Amy Arnold, Kim West, David Wales, Michael Brundage **Back:** Doug Yule (Ru), Becky McGrew (Ru), Monica Kohler (Pa), Elizabeth Kaufman (Marks), Dave Kaufman (Marks), Len Mueller (Da), Rob Miles (Ri).



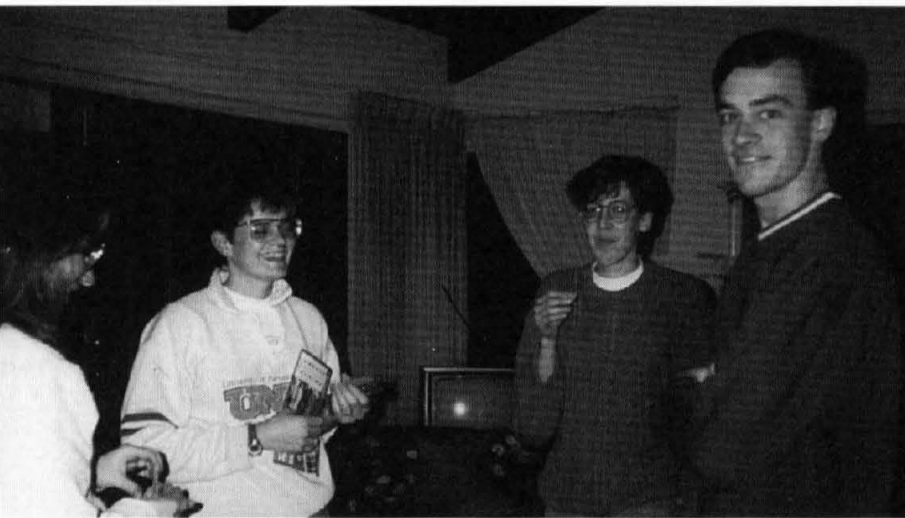
Freshmen gather at Frosh Camp.



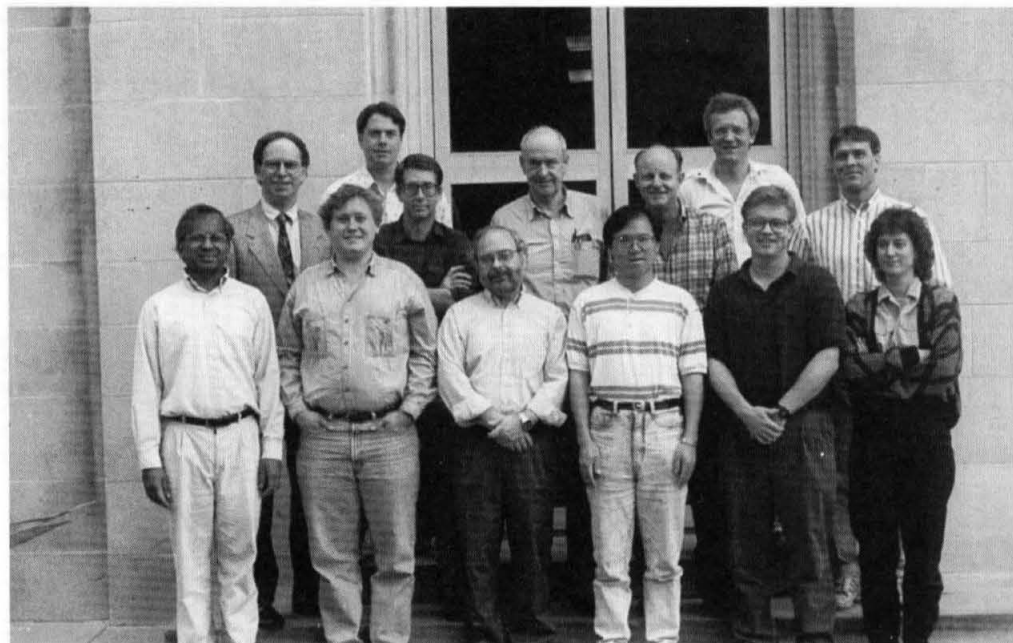
# STUDENT AFFAIRS

**Front:** Linda Powell, Jeanne Noda **Back:** Jerri Greene, Sandra Estes, Stan Borodinsky, Gary Lorden

Undergraduates attending a leadership retreat with Kim West take time out.



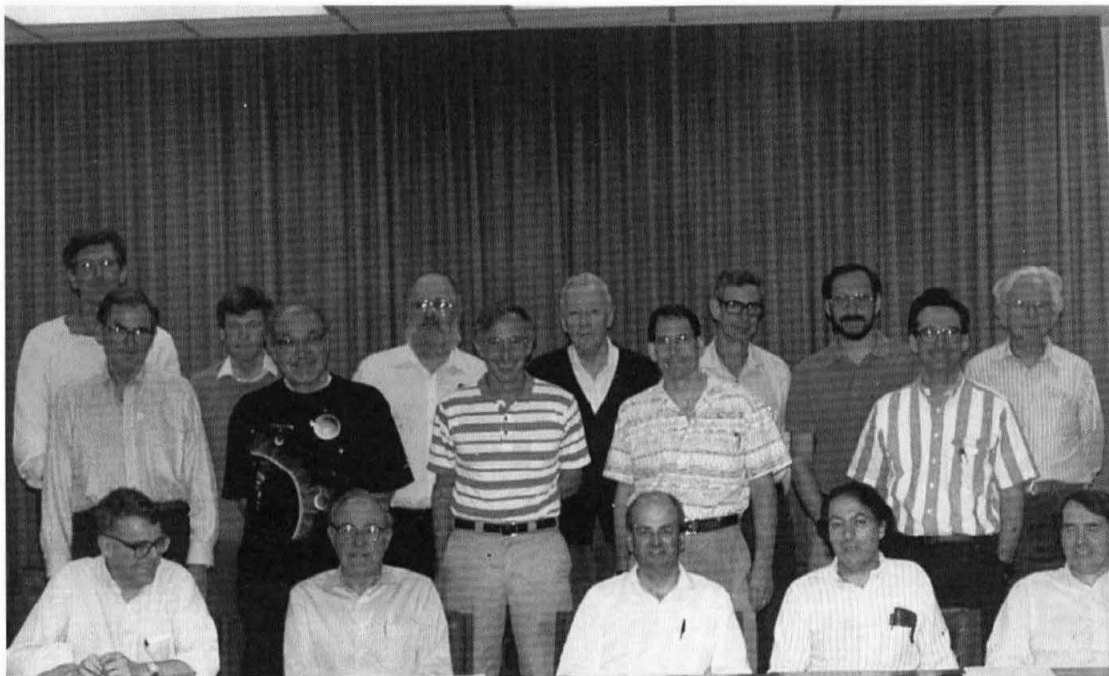
**Front:** Dinakar Ramakrishnan, Tomasz Mrowka, Richard Wilson, Guozhen Lu, Thomas Linton, Rachel Roberts **Middle:** Gary Lorden, Michael Aschbacher, F. Brock Fuller, David Wales, Nikolai Makarov **Back:** Hunter Snevily, Leonid Malozjomov



# MATHEMATICS



# PHYSICS



**Front** Gerry Neugebauer, Marshall Cohen, Jeremy Mould, Anthony Readhead. **Middle** David Goodstein, Harold Zirin, Thomas Tombrello, John Preskill, Thomas Soifer. **Back** Jeff Kimble, Roger Blandford, Barry Simon, Ralph Kavanagh, Steven Frautschi, Mark Wise, Felix Boehm.

**Front:** Isabel Cobos, Cheryl Hanson **Back:** Sheryl Hayes, Lilia Amezcua, Jane Thornton, David Levy



Barbara Imperiali in her office.



# FINANCIAL AID OFFICE



# ENVIRONMENTAL ENG.



**Front:** Mary Lidstrom, Fred Raichlen **Back:** Norman Brooks, Jim Morgan, Michael Hoffmann, Glen Cass

# APPLIED MATH



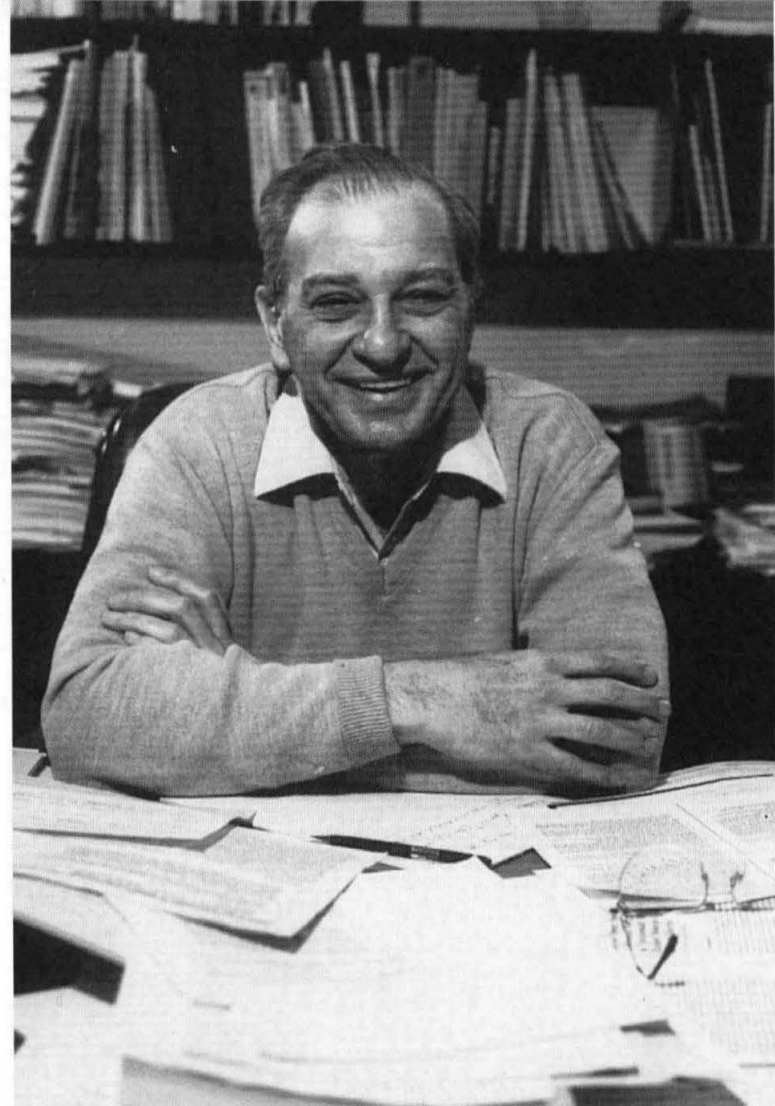
**Front:** Dan Meiron, Joel Franklin **Back:** Don Cohen, Herb Keller, Gerald Whitham, Philip Saffman



# REGISTRAR

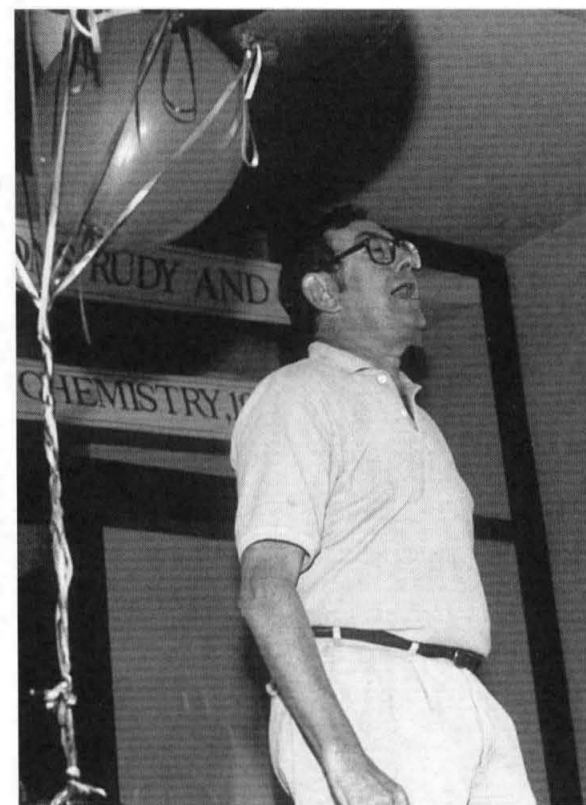
Linda King, Joan Cable, Kate Finigan, Dr. Judith Goodstein, Gloria Brewster





1992  
Dr. Rudy Marcus, 1992 Nobel Prize  
Winner in Chemistry.

# CHEMISTRY



Rudy Marcus is greeted at his  
congratulatory party.

**Front:** Dennis Dougherty, Mitchio Okumura, Julia Kornfield, Barbara Imperiali, Mark Davis, Andrew Myers **Second Row:** Peter Dervan, Judith Campbell, William Goddard, Jesse Beauchamp, Rudolph Marcus, Aron Kuppermann, John Baldeschwieler **Third Row:** Daniel Weitekamp, Konstantinos Giapis, John Roberts, William Schaefer, Verner Schomaker, Walter Schroeder, John Richards **Back:** Fred Anson, George Gavalas, Erick Carreira, Robert Grubbs, John Brady, John Bercaw

Harry Gray pumps up the audience at Rudy Marcus' Nobel Prize celebration.

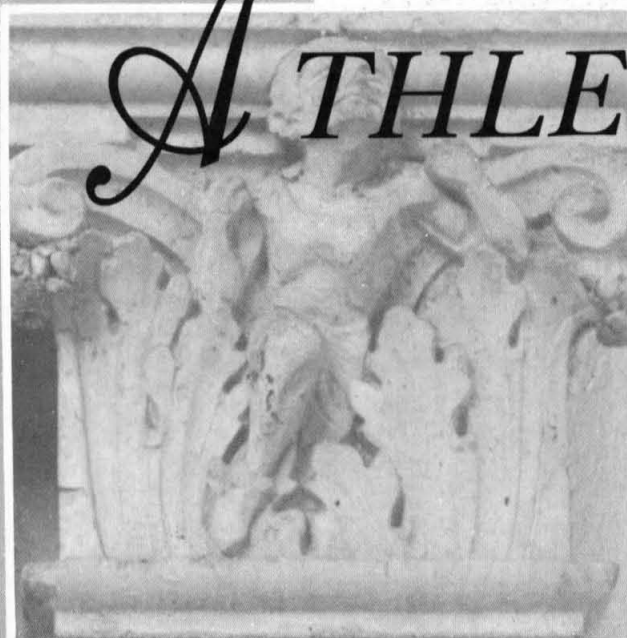








# *A*THLETICS

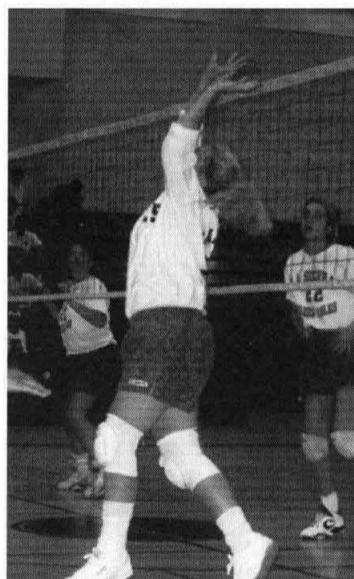


*“Caltech stands out as a rare and unique institution where the term student/athlete is not a paradox.”*

John Haba



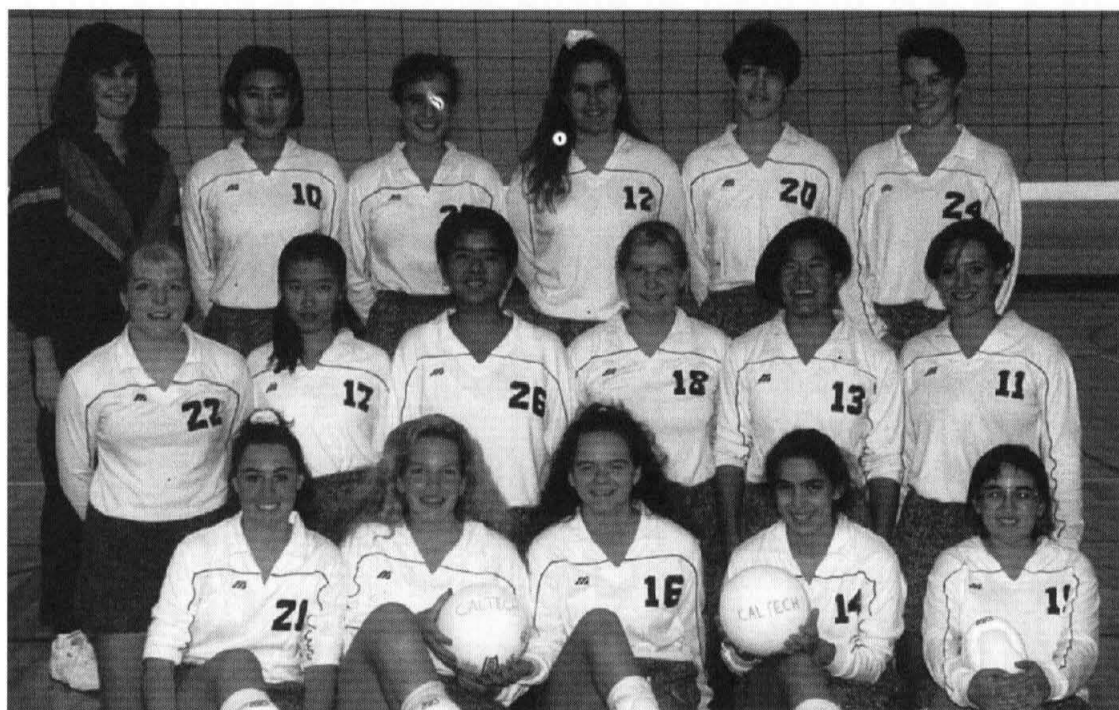
# WOMEN'S VOLLEYBALL



Left, Angie Bealko sets it up. Right, the team takes a time out.



**Front** Penny Muir, Angie Bealko, Laura Verhoff, Sarah Deb Martin, Elizabeth Price. **Middle** Amy Oldenburg, Patty Tsai, Lily Chang, Christy Esau, Jennifer Yu, Taletha Derrington. **Back** Coach Cathy Monteroso, Janet Sun, Katie Coughlin, Stephanie Haussman, Stacy Fox, Sharon Grelecki.



In 1992 Caltech kicked off its inaugural season for the Women's Intercollegiate Volleyball team. There was a huge response to the team this season carrying sixteen women, all of them getting better each step of the way.

In our first season we participated in two tournaments. We hosted the Caltech Invitational and took fourth place, and we also traveled to the Bay area, where we took third place in the Cal Maritime tournament.

Our record during season match play was 3-7. We played hard against some good schools, and our first victory came against a strong La Sierra team. Our other two victories came against L.I.F.E. Bible College.

In the season we were able to establish some personal and school records. Senior Taletha Derrington created a school record with 58 kills, eight of those against La Sierra. Derrington also has a school

record in blocking with eight solo and fifteen assists. Senior Jennifer Yu lead the team setting a school record hitting percentage of .178. Yu also holds the record in number of kills per match with 11 kills against La Sierra. Junior Katie Coughlin finished the year with the record in digs and service aces. Freshman Angie Bealko had a banner year with a school high of 173 assists. Bealko also holds the school record for number of assists in a

match with 30. Great performances were also put in this year by junior Christy Esau, and sophomores Amy Oldenburg and Stacy Fox. All sixteen of the women on the team made a huge contribution to the excitement and success of our first season.

by Cathy Monteroso



# MEN'S VOLLEYBALL

The men's volleyball club capped off a very successful first season by winning the A level Southern California USVBA regional championship. Out of the seven USVBA tournaments that Caltech entered, the team took three first place finishes, two second places, one third place, and one fifth place. Caltech also took first place in the Santa Anita YMCA power volleyball league.

The team was led by great setting from Chad Edwards and Ebi Zandi. Middle blockers Paul Barriga, Brian Sullivan, and Dennis Anderson, along with opposite Bob Goodrich, shut down opposing teams at the net. Mike Burl, John Greensage, Jose Navarro, Andy Berkin, and Dave Polidori provided consistent passing and power from the outside.

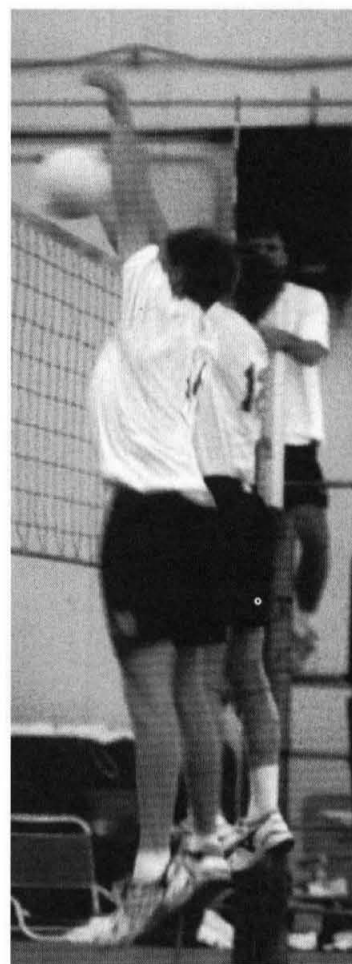
Next year, the men's volleyball team hopes to

qualify for "double A" competition. The top twenty teams in Southern California are eligible to compete in AA, which is the highest USVBA level. Based on Caltech's success this year in the A level, the team should be in a good position to qualify for AA for the 1993-94 season.

by Mike Burl



**Front** Ebi Zandi, Dave Polidori, John Greensage. **Middle** Mike Burl, Jose Navarro, Paul Barriga, Bob Goodrich. **Back** Brian Sullivan, Dennis Anderson, Andy Berkin. **Not Pictured** Chad Edwards.



Middle blocker Brian Sullivan and opposite Bob Goodrich roofing an opponent at the USVBA regional championships.



# WATERPOLO



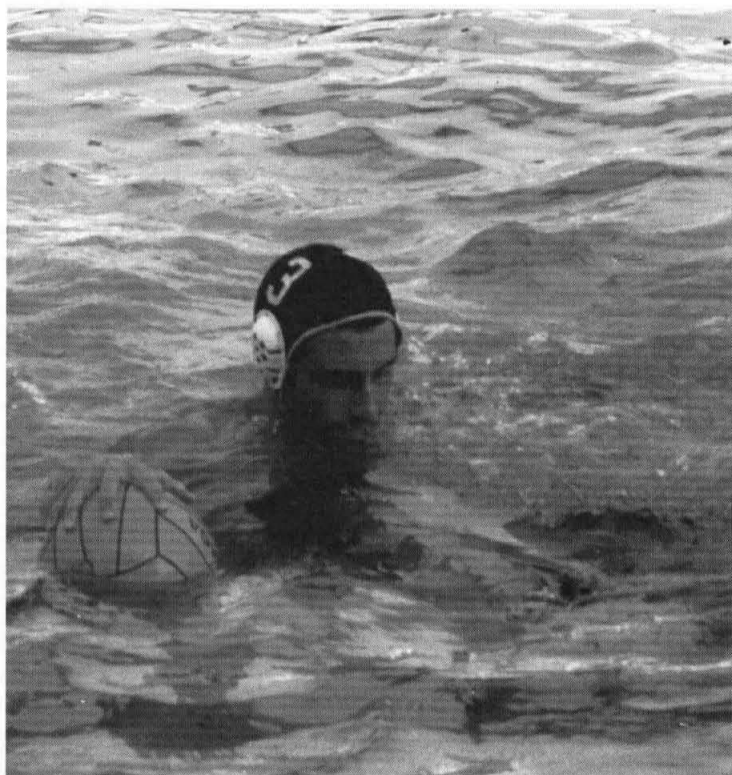
**Front** Ryan Naone, Jim Radford, Nick Porsinsirak, Chris Buchner, Alan Kulawik. **Middle** Donovan Stevens, Mikey Ng, Sooketoo Bhuta, Mark Savellano, Michael Greene. **Back** Coach Clint Dodd, Eddie Murakami, Hans Hornstein, Atul Salvekar, Albert T. Lee, Asst. Coach Michael Doran.

This year's starters were a blend of power and speed that was tough for other teams to handle. This group of athletes was lacking only experience, which cost them a few close games. The Polo team beat up twice on cross town rival Pasadena City College 15-4 and 19-5. At the Caltech Tournament they placed 6th out of 8 teams. The usually strong Alumni also fell quick to the undergraduates by a score of 9-6. Conference play saw Caltech narrowly missing victories over Occidental and Whittier. The Beavers totally frustrated the highly acclaimed Redlands Bulldogs, and dominated the defensive portion of the game. Boasting the fastest team in the league, Redlands kept the pressure on and squeaked out a narrow victory over Caltech.

The Techers were led by captain Nick Porsinsirak

in the goal and last year's All Conference player Jim Radford, who pumped in 64 goals from the field. Speedster Mike Greene won 68 sprints out of 84 and scored 24 goals, while Ryan Naone took control of mid-tank. An important element in aiding Nick in the goal was the defensive work of Donovan Stevens and Alan Kulawik. The counterattack of Chris Buchner and first sub Mark Savellano kept the other teams off balance. The final record of 3 wins and 17 losses was short of expectations, but in only 5 of those losses was Caltech outplayed. This fact was apparent as Jim Radford was voted All Conference while Nick Porsinsirak and Mike Greene made Honorable Mention in the Conference post season poll.

by Clinton Dodd



Chris Buchner ponders his next move.



The Lady Techers took a dual meet record of 2-8 and a 1-4 Conference record to finish in fifth place at the Championship. The women was a cliffhanger, erasing a 20-44 deficit and pulled out a squeaker against Whittier, 101-81. Another highlight was the number of excellent swims to just miss an upset against Occidental.

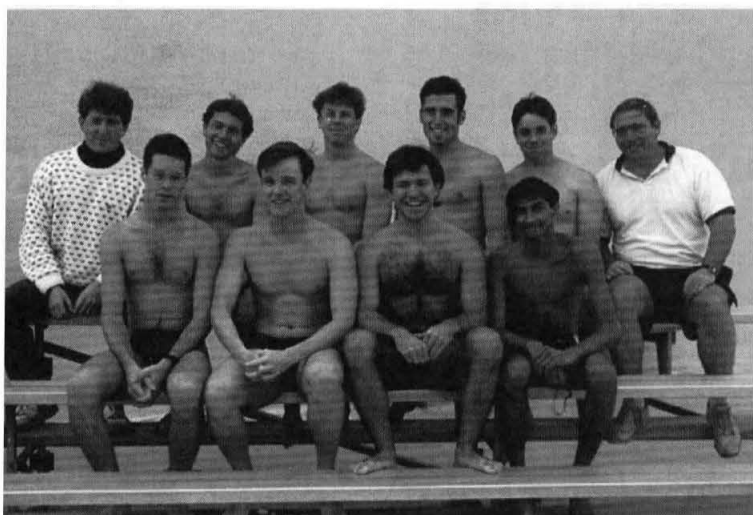
With the second largest team in Caltech history, the women were tough to put away. Like the men, the strength of the team was the trio of divers, Debi Tuttle, Ma-

ria Toronto, and Melinda Au. The mid-distance events were handled by freshmen Hope Chang and Eve Andersson. The sprints pulled in valuable points with Aimée Smith and Tamara Tulou. The strokes were led by Karen Ross, Wing Cheung, both breaststrokers, as well as backstroker Virginnie Leenknecht and flyer Hsun-Hua Chou.

The Outstanding Diver award went to Maria Toronto, the Most Valuable Swimmer was Karen Ross.

by Clinton Dodd

**MEN'S TEAM** Front Eric Aamot, Alan Kulawik, Korhan Gurkan, Sooketoo Bhuta. Back Asst. Coach Michael Doran, Jamie Sherman, Michael Greene, Chris Buchner, Colin Humphries.



Debi Tuttle does a back dive.

The men had an outstanding season, winning five matches and losing five. Four losses were against teams that finished in the top twenty five at the NCAA Championship. The wins include a come from behind victory over Trinity University of San Antonio, TX, and an almost clean sweep against Occidental. The season highlight was a second place finish at the prestigious UNLV Rebel Invitational.

At the Conference Championship, Caltech shined as the team of Mike Greene, Chris Buchner, Eric Aamot, and Sooketoo Bhuta upset Pomona Pitzer in the 200 Free Relay to place

third. Diving was one of the team's strong points as Eric Aamot, Nick Porsinsirak, and Jamie Sherman place high all season long. The distance events were handled by Chris Buchner and Sooketoo Bhuta. The strokes were where the team picked up a large amount of points with Alan Kulawik, Colin Humphries, Kevin Kan, and Korhan Gurkan. The team finished 3-2 in Conference, and earned fourth place at the Championship.

The Outstanding Diver award went to Eric Aamot while the Most Valuable Swimmer was Mike Greene.

by Clinton Dodd





# MEN'S CROSS COUNTRY

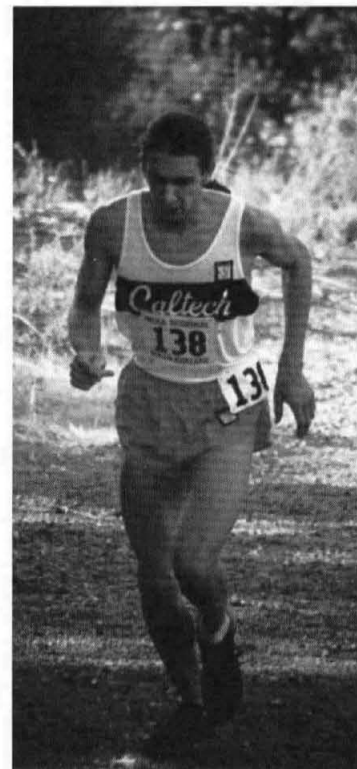
The men were led to a 6th place Conference finish by Ned Bowden and Andy Zug. With a 4-5 record and victories over SCIAC opponents La Verne and Cal Lutheran, the future looks promising. Zug garnered 2nd Team All-Conference honors while Bowden won the Paul Barthel Trophy as outstanding athlete.

by Jim O'Brien



A blazing start at Mills College in the NCAA Western Regionals.

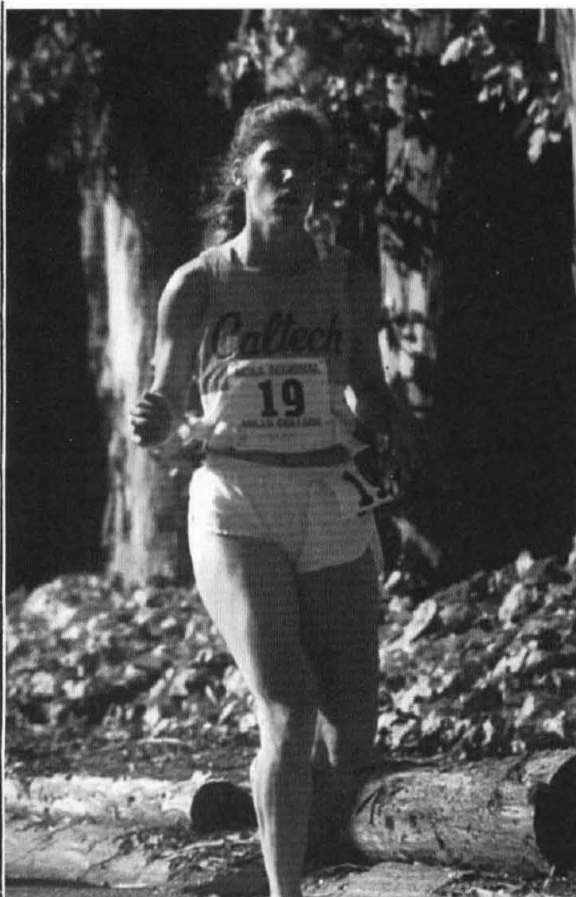
Andy Zug concentrates on the hill.



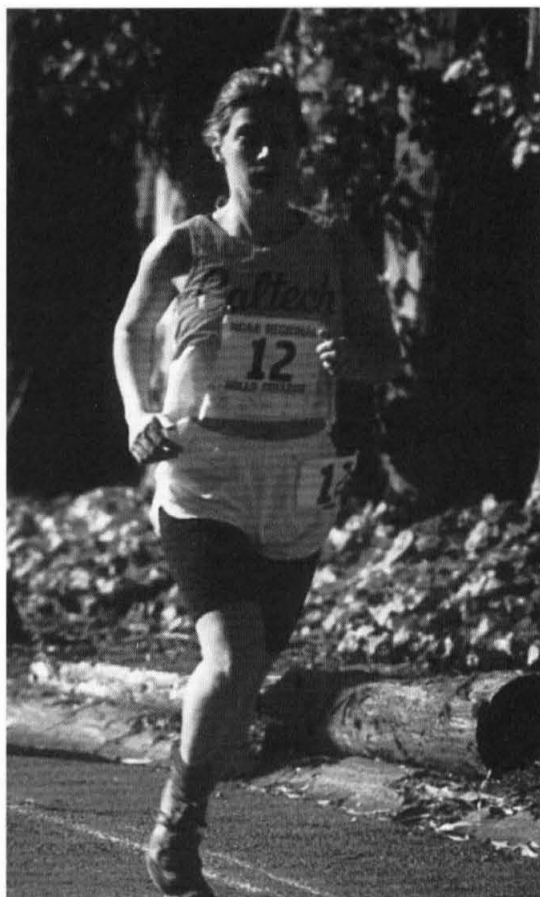
**Front** Andy Lavin, Tom Dmukauskas, Alex Spadini, Seth Blumberg, Kevin Du, Roshan Kumar. **Middle** Jeff Lowe, David Richard, Mike Vogel, Adrian Hightower, Win Chamberlain, Ned Bowden. **Back** Coach Jim O'Brien, Albert Erives, Mike Pejic, Andy Zug, Ron Stieger, Brian Winters, Francisco Gutierrez. **Not Pictured** Schuyler Cullen, Bob Keeney, Laurent Stadler, Brian Brewington.



Aimée Smith working hard.



Tobé Corazzini at the NCAA regionals.



The team had a very successful season, finishing with a 3-7 record, and defeating SCIAC opponents Redlands and Cal Lutheran to claim 6th place in the Conference. Aimée Smith and Tobé Corazzini led the team at every meet and were honored as Co-Outstanding Female Runners. The season was capped off with an exciting trip to San Francisco for the NCAA Western Regional Meet.

by Jim O'Brien

# WOMEN'S CROSS COUNTRY



**Front** Coach Jim O'Brien, Ginger Garcia, Fatima Ebrahim, Jessie Haldeman, Betsy Barton, Asst. Coach Emmeline Naranjo. **Back** Ina Brenneise, Alice Chan, Tristy Kibbey, Amy Hansen. **Not Pictured** Aimée Smith, Tobé Corazzini.



# MEN'S SOCCER

The 1992 season began better than any before, with the team winning its first two games. It appeared as though the addition of frosh Bryce Endlebrecht, Rob Bergeron, and Chris Marsh was what the veterans needed to put together a confident squad. This confidence held as the team went into its league play with four victories, but unfortunately for the Beavers, their first league opponent was Cal Lutheran. The defending conference champs took the wind out of the squad's sails with a dominant first half but the Beavers did not give up. They regrouped at halftime and were able to give the Cal Lu team a good 45 minutes of soccer. Tech even scored against the strong Cal Lu defense as Dean Haritos was able to place a shot under a diving goaltender. For the remainder of the season, victory seemed just out of reach for the Beavers. Occidental was able to squeak by the team with two one goal victories, as did Whittier. If anything, the squad did show the other teams in the conference that Caltech was a team with talent and skill. One of the reasons for this was senior co-captain and second team All-Conference player Todd McLaughlin. His play gave the team a solid midfield. Todd's performance, along with those of seniors Greg Dudey, Paco "Wild Man" Herrero, co-captain Rich "Tiger" Baltzersen,

Rob Whiteley, Ozzie Kibar, Dave Banks, and Jon Briggs, made this season one of the most exciting in recent memory.

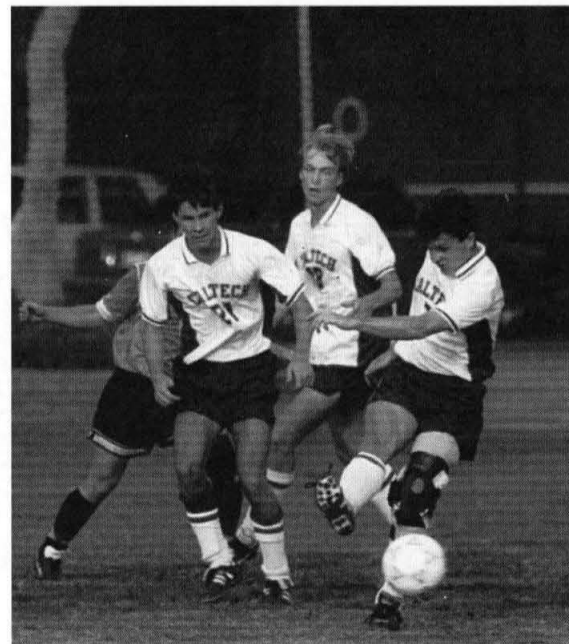
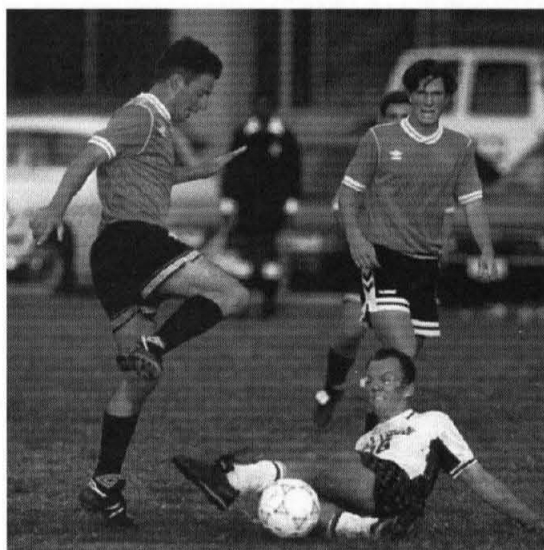
The seniors are leaving behind several strong players who will be led by

junior Charles Sharman. Joining Charles next season will be Todd Gottula, Justin Warner, Brian Kjerulf, Eric Co, and the now experienced frosh as they try to do the impossible, win the division.

by Rich Baltzersen

Rob Bergeron, Charles Sharman, and Rich Baltzersen weave through their opponents.

Todd McLaughlin in a slide tackle.



**Front** Justin Warner, David Banks, Francisco Herrero, Jonathon Briggs, Grant Templin??, Anatole Faykin, Robert Chapman. **Back** Coach Phil Howells, Bryce Endlebrecht, Dean Haritos, Rob Whiteley, Brian Kjerulf, Charles Sharman, Rob Bergeron, Rohan Mahaderan, Todd McLaughlin, Chris Marsh, Rich Baltzersen, Greg Dudey, Asst. Coach Enriqueta Chapline.



# WOMEN'S SOCCER

Liz Price dribbles away from her opponents.



The Caltech women's club soccer team competes in the Women's Soccer Organization of the San Gabriel Valley. The league consists of six other teams composed of women from the surrounding area, including some off-season SCIAC players.

The Caltech team is made up of students, staff, and faculty. Unfortunately, the number of players dwindled during the season, primarily

due to injuries. Nevertheless, given the great coaching skills of Teke and her stabilizing presence on the field, the team performed well, particularly in the final league tournament. Including the tournament, the team finished the season with a 11-6-4 record.

The team is always looking for new players, so come and join them in the spring!



**Front** Helen Qian, Julie Kornfield, Donna Edenstein, Luz Maria Franco, Maria de Jesus Franco. **Back** Coach Enriqueta Chapline, Barbara Arendt, Valerie Jacox, Jessie Haldeman, Liz Price, Maricela Hirschberg.



# FOOTBALL

1992 was a very difficult year for the Beaver Football Team. The combination of a tougher schedule and some key injuries left the team badly bruised and holding a record of 0 wins and 5 losses.

On a more positive note, several undergrads and grad students rose to a high level in starting roles. This group includes many frosh, and first year grads leaving Coach Jack with a very

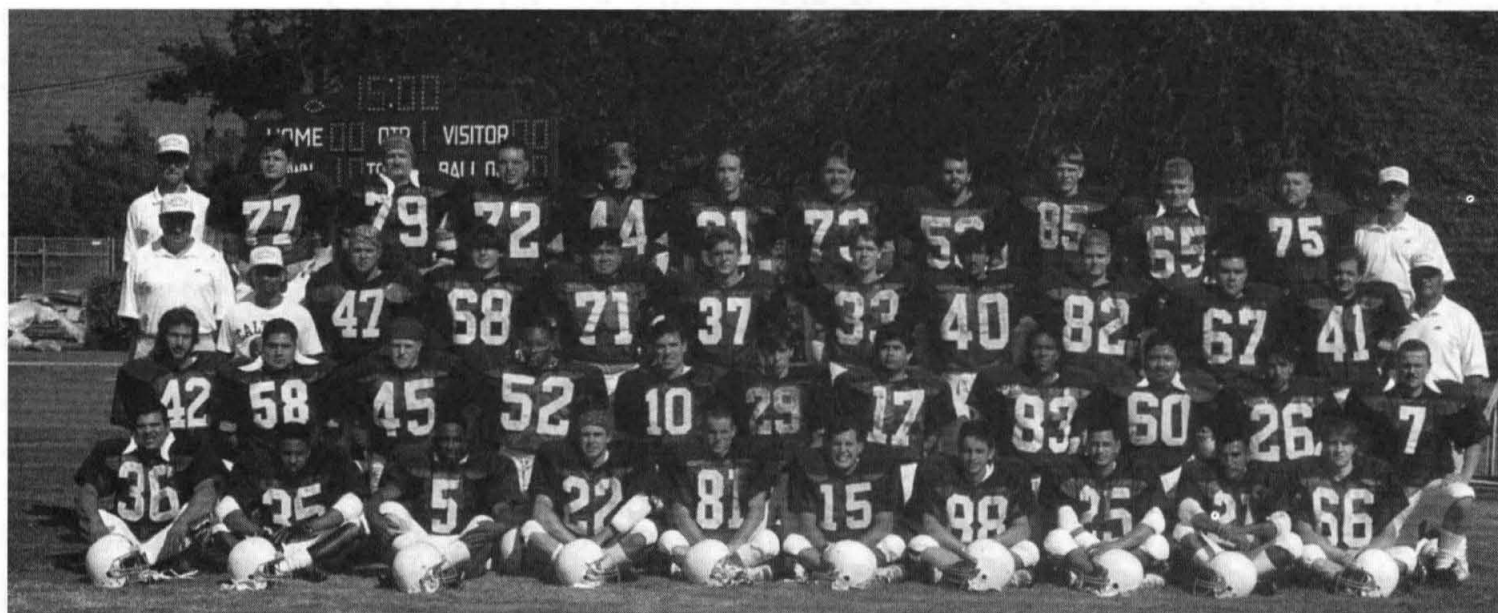
positive outlook for the Fall 1993-94 campaign.

The following Beaver Gridsters received awards at the annual awards dinner: Senior Brian Duchovnay was voted by his team mates as the "Wheaton Award Winner" (MVP), senior Chon Torres received the "Max West Award" (Best Lineman), and Sophomore Alan Blaine won the "Irv Noren Award" (Best Back).

by Wendell Jack

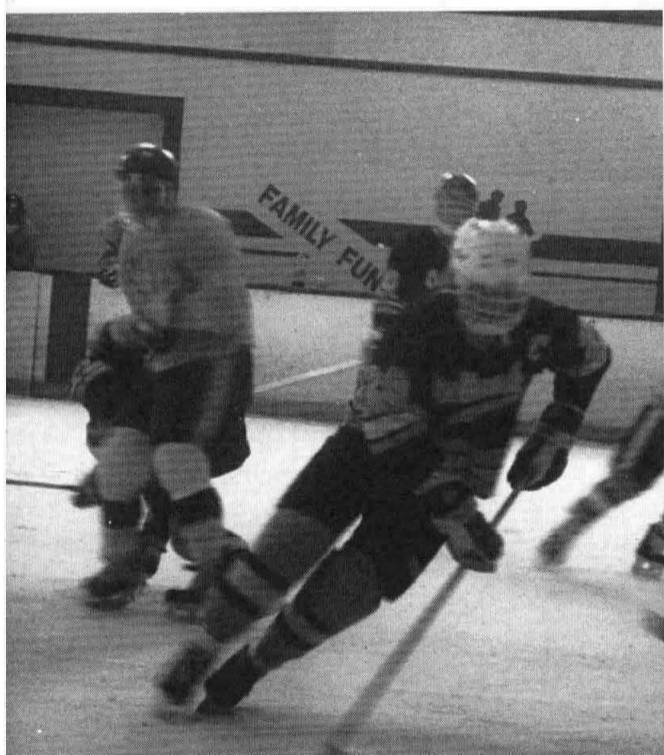
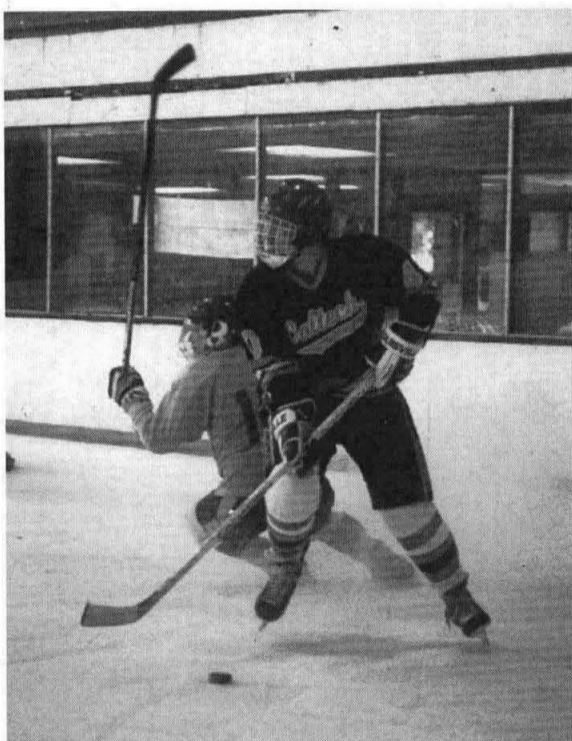
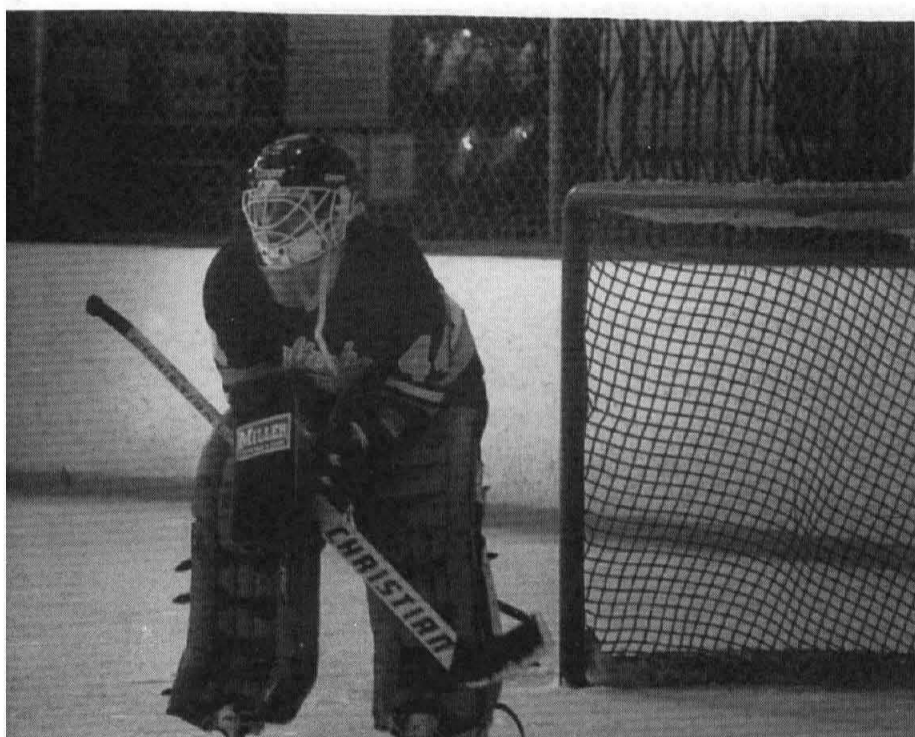
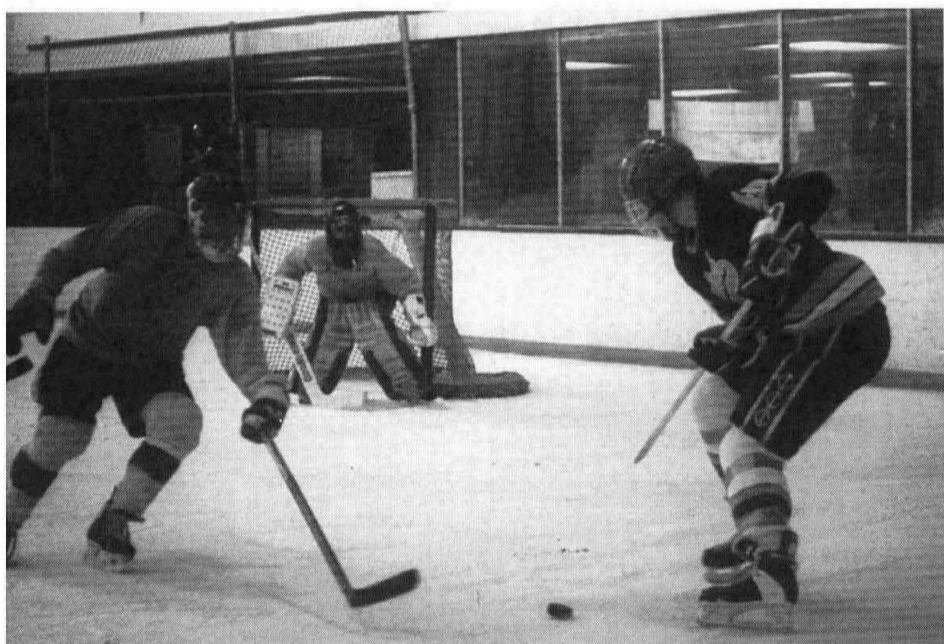


The 1992 Club Football team





# ICE HOCKEY





# BASKETBALL

The men's basketball team put together its most solid season in many years. Coach Gene Victor utilized his vast experience and excellent coaching skills to help Tech's players gain unprecedented levels of success. The team got off to a great start, winning eight of its first nine games. At that point in the season, Caltech was number one in the nation in scoring defense against Division III schools. In conference play, though they were always outsized and outmanned, the Beavers were never outthustled. SCIAC opponents found that they could not take Caltech too lightly anymore, after games where CIT led at halftime, or else mounted inspired sec-

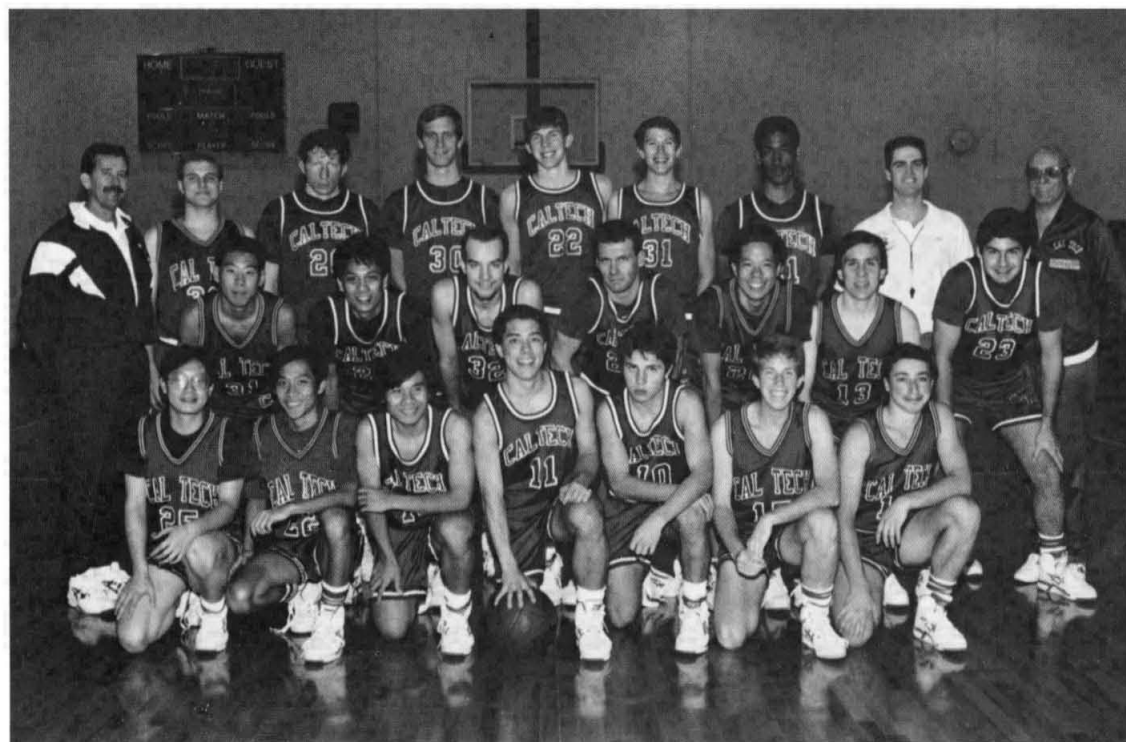
ond half comebacks.

This year's MVP was junior George Papa, who led the team in scoring, rebounding, and shooting percentage. In the season's biggest individual highlight, George shattered the school scoring record with 43 points in a 78-61 victory over Pacific Union.

Throughout the season, several newspapers and TV stations ran big features on Coach Victor's successful program, highlighting the fact that Caltech basketball made great strides in 1992-93. From opponents, the media, and the Caltech community, this team gained a respect which was well-deserved.

by John Haba

John Philappakos and Keith Oslakovic go up for the shot.



**Front** David Wang, Son Nguyen, Nhat Nguyen, Grant Templin, David Chavez, Eric Loftsgaarden, Anatole Faykin. **Middle** Eddie Murakami, Steve Tsai, Todd Gotula, Keith Oslakovic, Danny Huang, Tom Zavisca, John Philappakos. **Back** Asst. Coach Bud Reich, Bryce Elliott, George Papa, Ken Wiberg, Jason MacLeod, Matt Goff, John Parks, Asst. Coach Dan Kollmorgen, Coach Gene Victor.



# BASEBALL

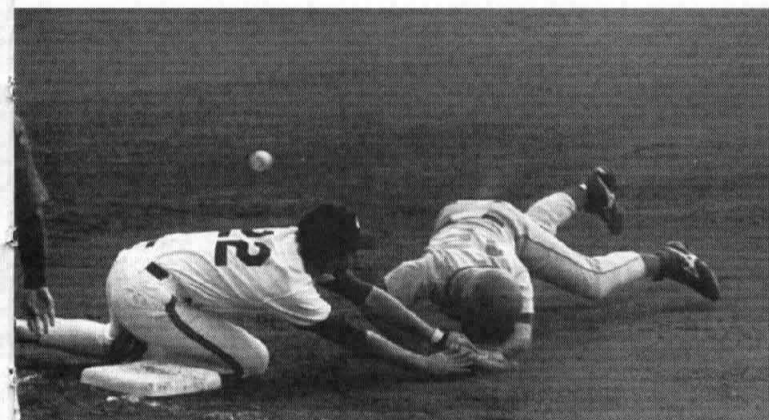
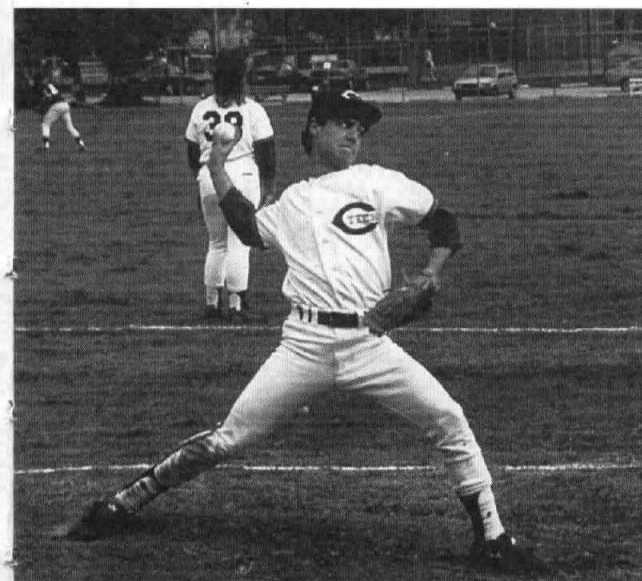
This season was one of marked improvement for the Caltech baseball team. With five seniors and a total of twelve returning players, this year's team possessed a notably greater level of experience than in the previous years. The year also brought several valuable new additions to the team. These included transfer Jonah Harley and frosh John Wesselman, Adil Karim, and Brian Kim.

Offensively, the team was led by the solid hitting of Steve Hoekstra and Tim Wachholz, while the consistent pitching of John Stamm and Brian Cooper served to anchor the defense. Alan Blaine also managed to add some

highlights to the season with his power hitting, such as an into the wind home run against conference champion Cal Lutheran, and Hootan Hidagi kept up team morale with his jokes when not on the field.

Among other highlights, the club went on a rare (and slightly damp) road trip to San Francisco over spring break to play Menlo and Cal Maritime. Although rain cut out several of the games, the team still played well on the trip, and was able to see some, um, interesting parts of San Francisco. Also, in conference play, the Beavers played a tough series and nearly upset rival Occidental. Overall, although the record might not reflect it, this season was a memorable one for Caltech baseball.

Above, Pitcher John Stamm. Left, Anthony Gonzalez makes a play at third.

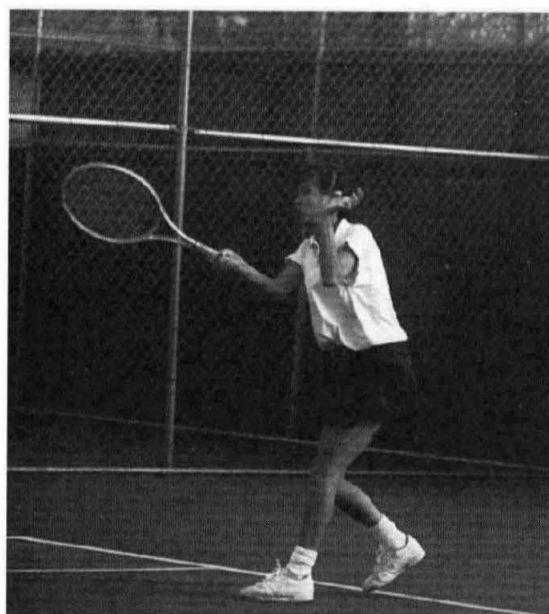


**Back** Hootan Hidagi, Ghene Galcounl, Alan Blaine, Steve Hoekstra, Tim Wachholtz, Ted Turocy. **Middle** John Wesselmann, Geoffrey Wiersema, Jonah Harley, John Stamm, Jeff Pasquino. **Back** Asst. Coach Ron Tolles, Adil Karim, Brian Cooper, Jim Radford, Anthony Gonzalez, Brian Kim, Todd McLaughlin, Coach John D'Auria.

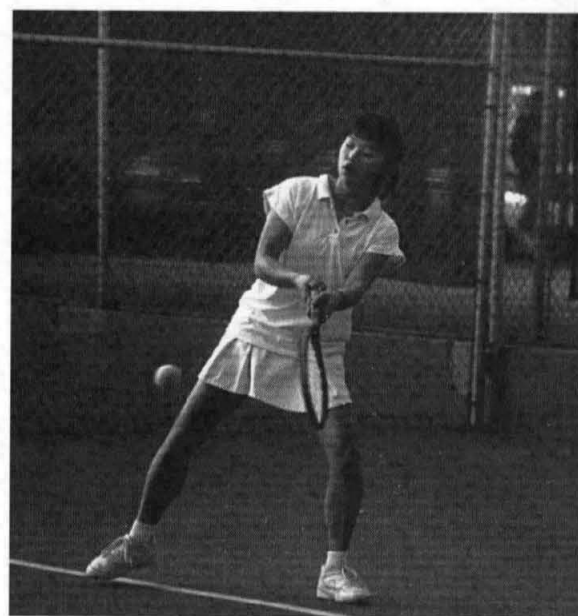


# WOMEN'S TENNIS

**Front** Karen Shih, Miran Rhee, Yu-Chien Kuo, Monica Oei, Laura Verhoff. **Back** Coach Karen Nelson, Jill Bush, Suzie Bruch, Diane Wong, Frances Kim, Linda Springer, Monica Silva, Asst. Coach Monica Holboke.



Diane Wong receives the serve.



Yu-Chien Kuo uses her backhand.

The 1993 womens' tennis team had probably the most successful season in the program's history. Under the skillful guidance of Coach Karen Nelson and Asst. Coach Monica Holboke, each team member significantly improved her game over the course of the season and most importantly, managed to keep up high levels of competitiveness and fun throughout the entire year.

Seniors Diane Wong, Yu-Chien Kuo, Miran Rhee, and Monica Oei formed the nucleus of a lineup that was unusually strong from top to bottom. At 1st seed, Diane was truly the heart and soul of the team. Her skills, consistency, determination, personality and style were all greatly admired by both teammates and opponents. 2nd seeded Yu-Chien had a fine season, often playing long hard-

fought matches through injuries. Miran played 4th seed singles and 1st doubles along with Diane. She showed the most improvement, and most mental toughness of anyone by year's end. And Monica, a skilled doubles player who could play at any doubles spot, also came up with some big wins at 6th singles when the team needed her.

Juniors Jill Bush and Karen Shih anchored

the 5th and 6th singles slots as well as third doubles. They often made the difference in Tech's close victories. Hard hitting sophomore Monica Silva played 3rd singles and teamed with Yu-Chien to form an imposing doubles duo. Exciting freshman Laura Verhoff was clearly Rookie of the Year, and was chosen as Most Inspirational Player as well.

by John Haba

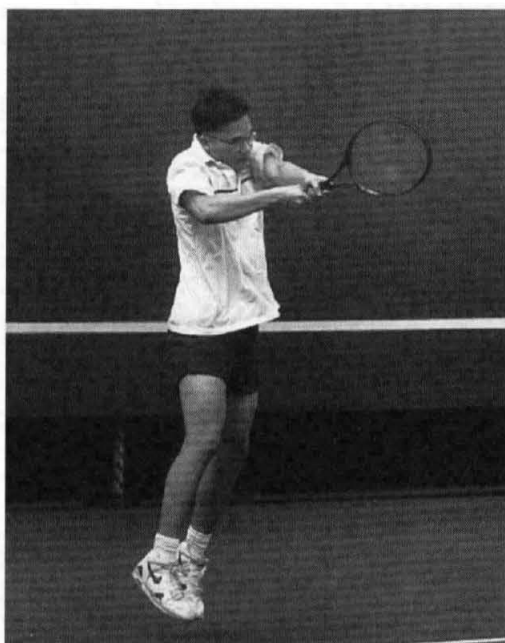
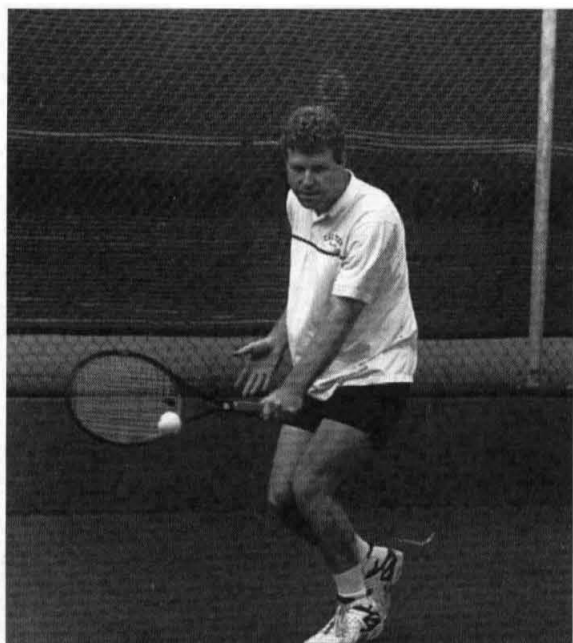


# MEN'S TENNIS

This year's team posted seven match wins, more than any Beaver men's tennis team has earned in over twenty-five years. The SCIAC Championship in Redlands this year was bittersweet, however. Caltech beat Cal Lutheran to become the first Caltech tennis team to beat three SCIAC schools in conference play in recent memory.

Great matches by Albert Lee, Greg Wardle, and Kevin Wang made this possible. However, after having defeated Whittier twice already in close matches, the Beavers couldn't do it a third time and ended the season in 6th place.

Dori Levanoni concentrates on that backhand. Jason Lee takes a high one.



**Front** Ali Alagheband, Greg Wardle, Atul Salvekar, Danny Chu. **Back** Coach Phil Coffman, Chandra Das, Jason Lee, Julian Jamison, Albert Lee, Kevin Wang, Coach Mike Jackson.



# MEN'S TRACK & FIELD

For the 8th year in a row the men have posted a winning season, this year squeaking by with an 8-7 record. Defeating such notable opponents as Whittier, Cal Lutheran, Southern Cal College, and the Australian National Junior Team, the team managed a 6th place SCIAC Conference finish.

Greg Dudey and Ned Bowden were the team leaders and work horses. Besides the Outstanding Dual Meet Athlete award, Dudey also picked up the Goldworthy Trophy as the team's MVP for the unprecedented 4th year in a row. Ned Bowden earned the pres-

tigious Golden Ankle Award for dedication and leadership in both track and cross country. Dudey set a new school record in the Decathlon while claiming All-Conference honors in 110m High Hurdles and 400m Intermediate Hur-

dles. Bowden was All-Conference in the 800m, as was Hsiu Ling in the High Jump. Dave Lande was the M.T. Davis award winner for Outstanding Field Event Athlete.

by Jim O'Brien

Tom Dmukauskas in full flight, displaying perfect form.



Greg Dudey gets some advice from Coach O'Brien.



**Front** Greg Dudey, Adrian Hightower, Gerard Ketefian, Ned Bowden, Jeff Martin, Jeff Dickert, Schuyler Cullen. **Middle** Tuan Hoang, Rob Bergeron, Seth Blumberg, Tom Dmukauskas, Tom Meyer, Alex Spadini, Steve Chang. **Back** Coach Jim O'Brien, Chris Foley, Hsiu Ling, Matt Goff, Andy Zug, Ron Stieger, Mike Pejic, Asst. Coaches Jennifer Stary and Tony Reece. **Not Pictured** Rob Whiteley, Dave Lande, Brady Montz, Moshe Lutz, Asst. Coaches Frank Little and Donna Mayhew.



# WOMEN'S TRACK & FIELD



Starting out the 1500m at SCIAC Championships.



Taletha Derrinton passes the stick to Aimée Smith on the 1600m relay.



**Front** Alice Chan, Fatima Ebrahim, Ginger Garcia, Pearl Tsun, Aimée Smith. **Back** Coach Jim O'Brien, Jessica Chang, Betsy Barton, Amy Oldenburg, Taletha Derrington, Asst. Coaches Tony Reece and Jennifer Stary. **Not Pictured** Jennifer Remine, Amy Hansen, Asst. Coaches Frank Little and Donna Mayhew.

Victories over Whittier, Southern Cal College, and an outwomanded Pomona Pitzer squad set the tone for a highly successful campaign. Despite an 8th place SCIAC finish, many individual highlights were the order of the season. School records were broken by Taletha Derrington, Amy Oldenburg, and Jennifer Remine. Oldenburg claimed three new records, SCIAC All-Conference in the Javelin, and the Outstanding Track Athlete award. Aimée Smith was our Most Valuable Runner, and the fastest athlete in every distance from 100m to 3000m.

by Jim O'Brien



# FENCING

Caltech fencing had another good year. The sabre team took first place in the league, and women's foil started out strong and finished fourth. Seniors Pete McCann and Keith Seitz each took second place for the individuals in their weapons, epee, and sabre respectively.

by Kevin Boyce

**Team Members** R. Morgan, R. Talianchich, M. Wilbur, M. Kato, L. Williamson, A. Hakeem, P. McCann, J. Harley, K. Seitz, K. Boyce, R. Cresswell, K. Neville, P. Elazem, E. Uhrane, J. Dyer. **Coach** R. Randolph.





The Golf Team had a tough season. Juniors Brian Kjerulf and Craig Smith returned for their third year under Coach Jackson, and for the most part continued to improve upon past performances. Sophomore and Captain Tim Nelson led the team through most of the season, and was elected the team's most valuable player. Sophomore and next year's team captain Jason Trevor played quite well in spite of an ankle injury. Eric Wasinger came back from a fresh-

man year plagued by illness to post some good scores for the team. Freshman Blair Essey played extremely well his first year on the team, scoring several times below eighty. The team was also supported by the play of Steve Hoekstra, Justin Warner, Tarun Kapoor, Angie Bealko, and Charles Lee. Hopefully, with a lot of returning players, the team will make a better showing next year.

by Craig Smith



Coach Mike Jackson, Justin Warner, Tarun Kapoor, Blair Essey, Jason Trevor, Craig Smith, Eric Wasinger, Asst. Coach Tom Jarrett.



# *BRAUN*



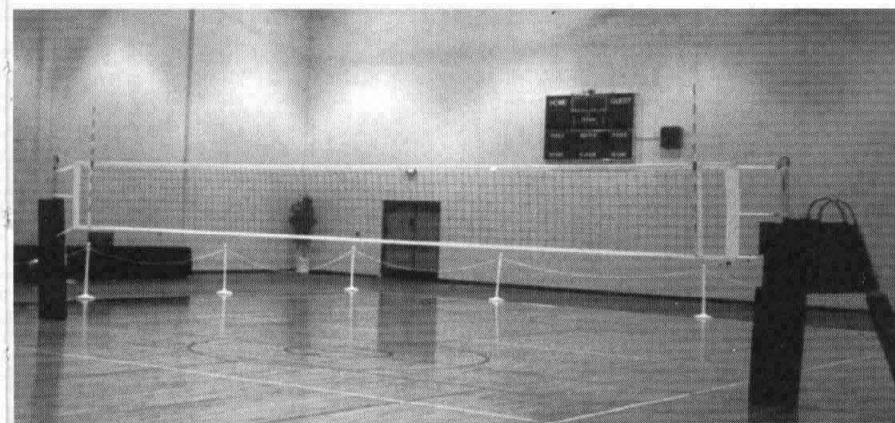
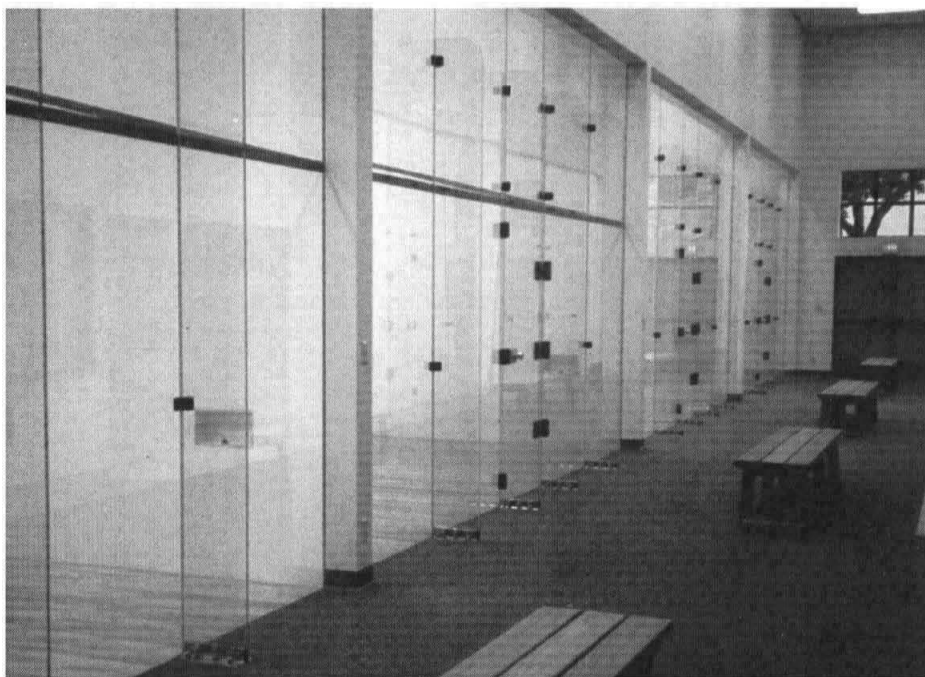
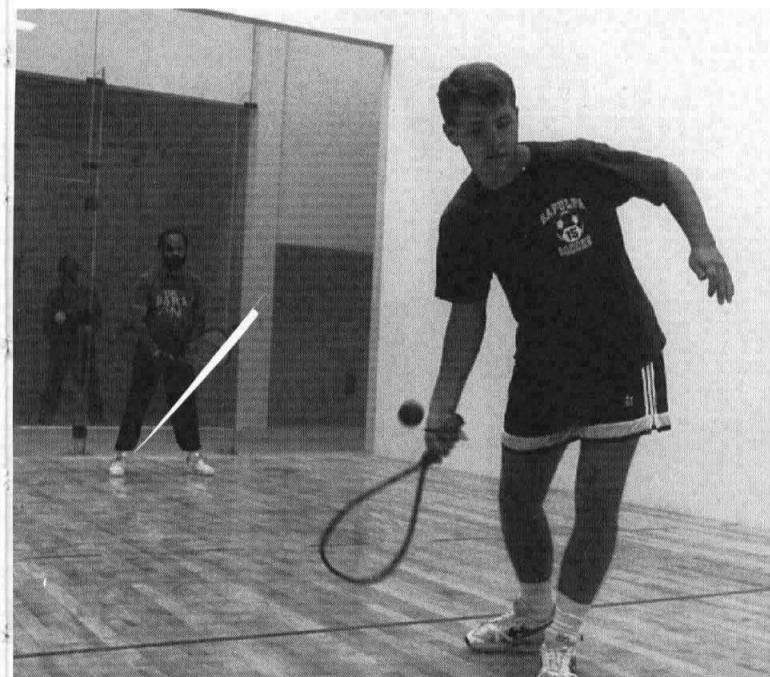
Athletic Director Dan Bridges looks on as a member of the Braun family cuts the ribbon to open the new Braun Center.



The completed Braun Center.



# CENTER



The new racquetball courts and a gymnasium with a volleyball court are some of the features of the new Center.

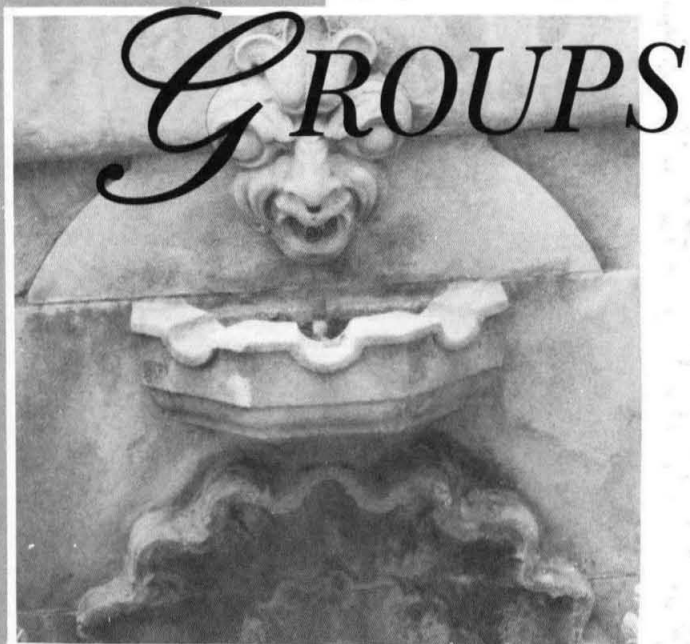


The foyer of Braun Center.









*“Caltech does offer its  
students wonderfully  
unique opportunities  
to express themselves.”*

Debi Tuttle



# BRIDGE CLUB

The Caltech Bridge Club is a nationally sanctioned bridge club and holds duplicate games every Monday night in Winnett Student Center. The membership ranges from rank beginners to an occasional visiting expert. The club also teach classes for beginners on Tuesday nights, and for everyone third term, when local experts visit and share their wisdom. The Bridge Club also runs a Pro-Am tournament where all the students get to play one hand

each with a bunch of experts. Last year, one student was looking forward to playing with his favorite author, Eddie Kantar. On the hand that they played together, the bidding went Pass-Pass-Pass-Pass.

Members of the Bridge Club also compete in intercollegiate tournaments. In 1992-93, Julian Jameson and Daniel Gottesman won \$500 each in the Western region of the National Intercollegiate Pairs tournament.

by Jeff Goldsmith



The third annual Pro-Am. All the pros sit North; visible are (l-r, more or less) Grant Baze and Beverly Rosenberg. The event was won by Mike Shuster, an undergraduate at UCLA.



**Caltech's ACUI team** Standing: Duo-Min Lin (Table Tennis), Mike DeBar (Foosball), Jonah Michaud (Chess), Tom Zavisca (Bridge), Daniel Gottesman (Bridge), Tim Firman (Bridge), John Stamm (Foosball), Tom Renner (Foosball), Phil Cofield (Chess), Julius Yang (Foosball). Kneeling: Takanori Ogata (Table Tennis), Mike Pustilnik (Bridge). Not Pictured: Jeff Goldsmith (Bridge), Bobby Bodenheimer (Bridge), Brian McAllister (Bridge), Dan Xystus (Bridge).



# TANG SOO DO



# DEUTSCH CLUB

Deutsch Club objectives are to promote German-Austrian-Swiss cultural and educational activities at Caltech. Even though the club is open to the whole Caltech-JPL community, the main goal of the club is to promote the Germanic culture to Caltech students in general, and to students who are currently taking German classes in particular. The second goal of the club is to have a home away from home for visiting German-Austrian-Swiss

faculty, postdocs, graduate and undergraduate students.

Currently the Deutsch Club has Kaffeestunde on Wednesday nights, Stammtisch on Thursday nights, and end-of-term dinners on the last day of classes of each term during the academic year.

Anyone interested in Deutsch Club activities can contact Frau Praesidentin Alix Chen, or Dr. Andreas Aebi, the faculty advisor of Deutsch Club.

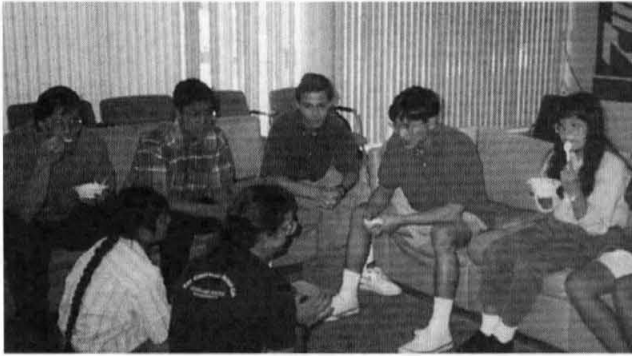


**Front:** Don Peter, Trask Kinman, Jakub Czyz, Harry Catrakis, John Lindal **Middle:** Martin Lin, Dan Xystus, Roman Tarosiewicz, Michelle Wilber, Korhan Gurkan, Winston Chamberlain **Back:** Adele Shakal, Joe Spitale, Alix Chen, Hannah Ackerman, Norman Ackerman.



# CALTECH NEWMAN CENTER

Easter vigil service is the climax of the Church year for Catholics on campus.



Catholic undergraduate men gather weekly to discuss their faith and how it relates to their lives.



The Caltech Newman Center provides many services for the Catholic Caltech Community. Regularly scheduled events include mass on Thursday and Sunday, the praying of the Rosary, and Bible discussions, just to name a few. Classes on faith formation and the history of the Church were also held for Catholics and

non-Catholics alike. The Newman Center also periodically sponsored lectures, retreats, and special get-togethers. The Newman Center is run by Fr. Brian Wilson, LC, with help from Fr. Thomas White, LC. The office and religious library are housed in the basement of Winnett Student Center.

by Dan Sandoval





# CLU

## Caltech LesBiGay Union

**Front:** Bill Irion, Linda Maepa, Kerry Sieh, Garrett Biehle, three members preferring anonymity. **Back:** Gery Allen, David Koerner, Daniel Taylor, Robert Southworth, Jim O'Donnell, Lynell Jackson.



**Caltech Chess Team:** Philip Cofield, Frank Perez, Roger Quan, Jonah Michaud

# CHESS TEAM

After a brief hiatus the Caltech Chess Team returned to the lists this year under the direction of National Master Paul Cornelison, and had a very successful year.

At the 1993 US Amateur Team West, played in February, the Caltech Chess Team took the Best College Team trophy, narrowly missing out on the Under 2000 section trophy

by a last-round loss to the Berkeley Bishops (all of whom graduated in '41, thus demonstrating that old age and treachery do occasionally win out over youth and exuberance!) Frank Perez tied for Best 2nd Board with 5 1/2 out of 6 points.

Also in February, Philip Cofield and Jonah Michaud attended the Association of Student

Unions International Collegiate state championship in Sacramento, where Cofield placed second with 3 1/2 out of 5 points.

Special awards with trophies went to Most Valuable Player Philip Cofield and Caltech Chess Champion (Unrated) Nhat Nguyen.

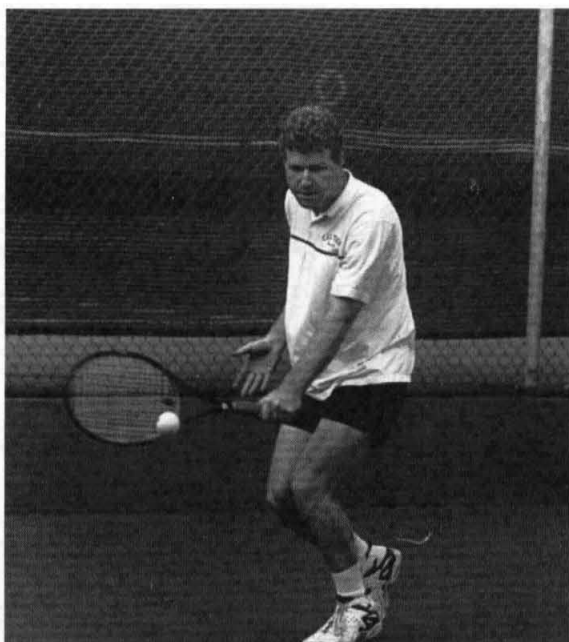
by Paul Cornelison

# MEN'S TENNIS

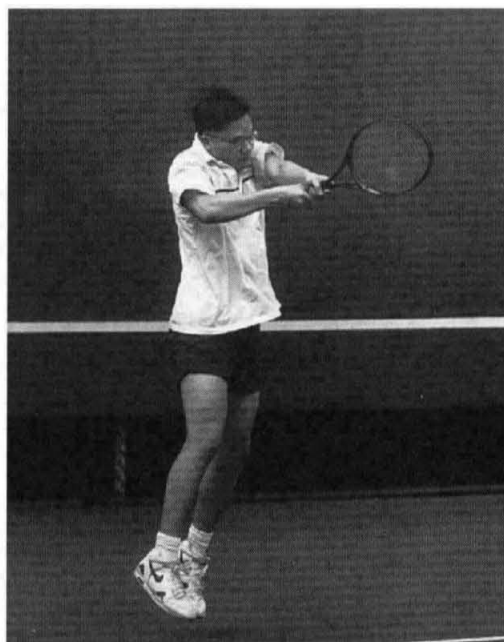
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Dori Levanoni concentrates on that backhand.



Jason Lee takes a high one.



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by Jim O'Brien

Tom Dmukauskas in full flight, displaying perfect form.



Greg Dudey gets some advice from Coach O'Brien.



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# SEDS

## Students for the Exploration and Development of Space

The telescope is owned by Caltech SEDS, and is used in the "star parties." Shown: Al Ratner, Ben McCall, Irwin Horowitz.



**GAMCIT Structural Design Group** Jennifer Trittschuh, Al Ratner, Jun Yang, Abhijit Bhalla, Anthony Gonzalez, Mike Pawson.

Caltech SEDS has had an exciting year! SEDS members went on tours of a mockup of Space Station Freedom, Hughes Aerospace, and other regional facilities. SEDS hosted a successful state-wide conference for space enthusiasts (CalSEDS '93), and went on several Saturday-night star parties.

In addition, Caltech SEDS began an ambitious technical program — to design and construct payloads for the Space Shuttle. Currently, thirty Caltech undergraduates are working on GAMCIT (GAMma-

ray burst observer, California Institute of Technology). This payload is designed to observe unexplained gamma-ray bursts and search for associated optical flashes. The payload has been designed and will be built entirely by Caltech undergrads. Construction of the payload will take place this summer, and in March of 1994 it should be in orbit! On tap for next year — PROCIT, a protein crystal growth experiment in microgravity.

by Ben McCall



# CCF

## Caltech Christian Fellowship

Caltech Christian Fellowship is an interdenominational organization allowing Christians to gather together to share their common faith.

CCF started out the year with their traditional pre-school, where incoming students have a chance to meet members

before school begins. Retreats, manuscript Bible studies, game nights, and other social events kept CCF busy throughout the year. Some of the more noteworthy activities included an all-out water war between Bible study groups. It looked like the Great Flood has passed

through the Olive Walk. Weekly events included house Bible studies, large group meetings, prayer meetings, and street ministry. The Fishline Newsletter most ably kept members updated and informed about fellowship news and testimonies.

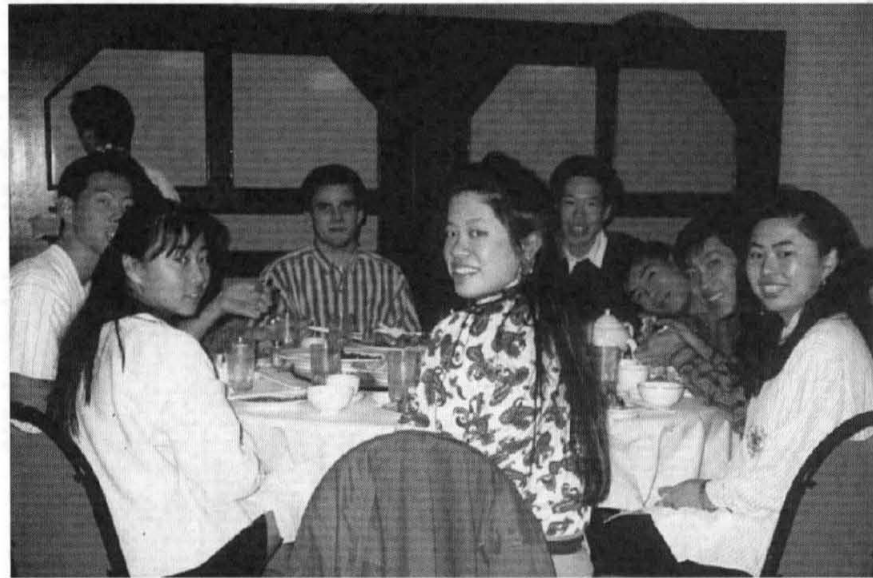
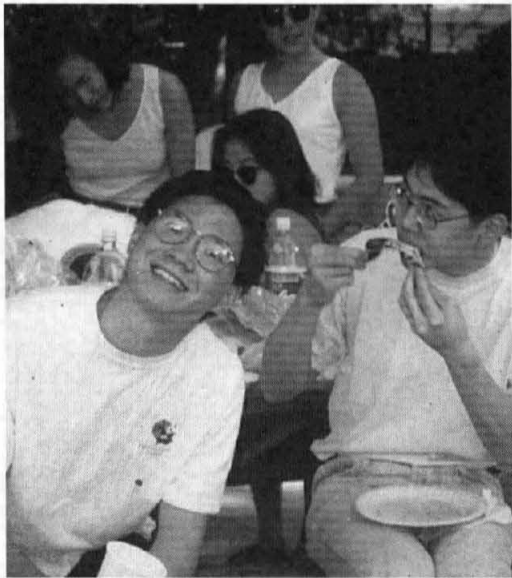
by Melinda Au



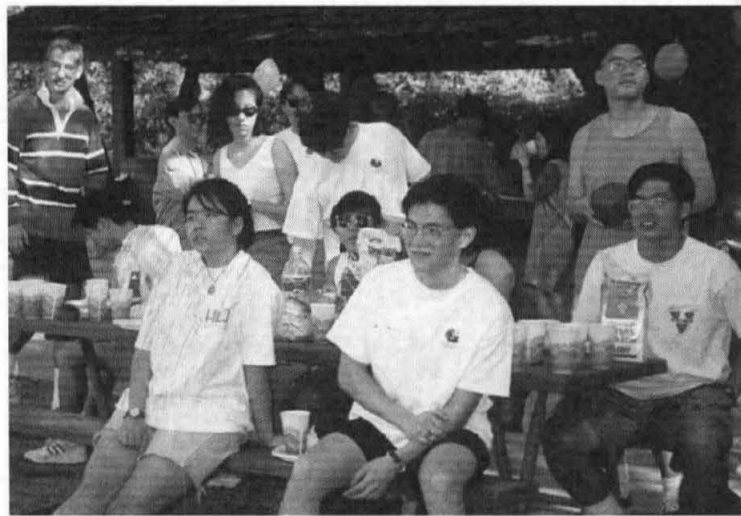
## BOC

**Front** Frances Chance, Anna Mulhern, Yuka Yonebayashi, Jason Hsu. **Back** Michael Brundage, Vicki Brown, Mike Pawson, Dan Millward. **Not Pictured** Chris Bryant, Kathleen Tozer, Sarah Yoder, James Honaker, Michael Nassir, Kurt Revis, Nathan Frei

# C C S A



Caltech Chinese  
Students Association





# *SWE*

## Society of Women Engineers

**Front** Valerie Jacox (President), Sandee Perez, Siddhartha Agarwal, Jesus Mancilla (Vice-President). **Back** Thanh-Nga Tran, Virginia Garcia (Treasurer), Andrew Maskiell, Adrienne Miller, Theresa Miller, Joan Marie Gimbel, Alicia Kloesel (Secretary).

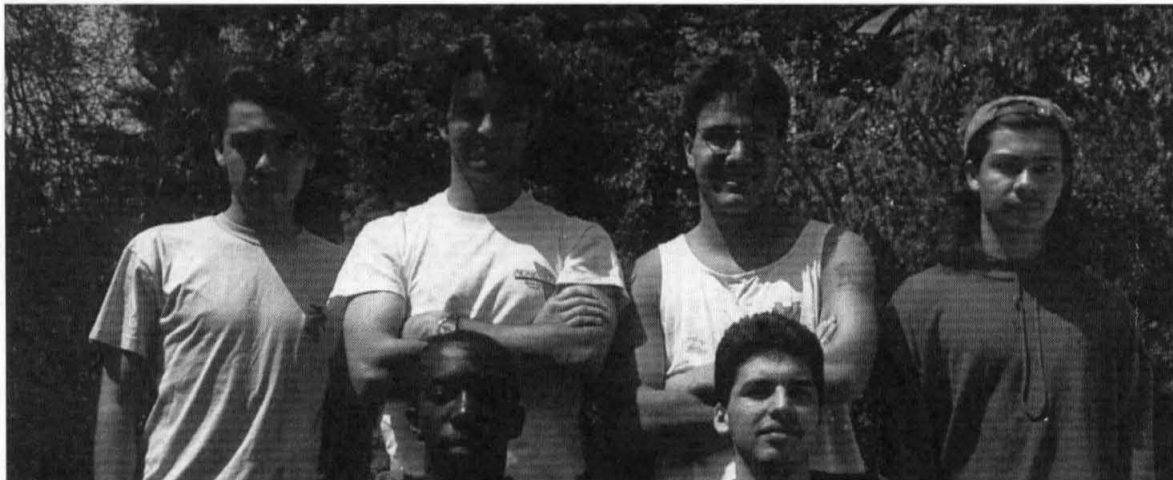


# *NSBE*

## National Society of Black Engineers



# *SHPE*



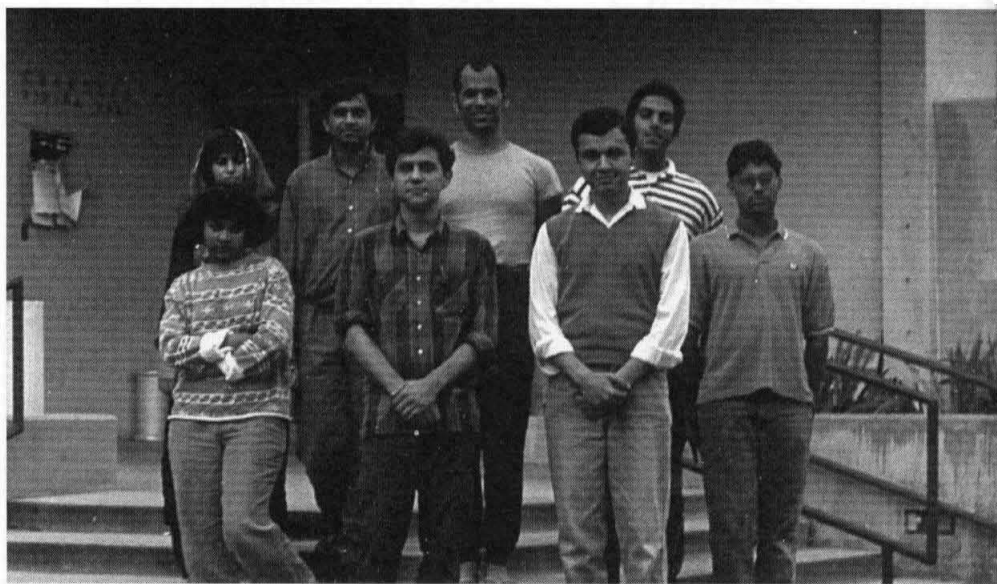
Salim Otero, Mbuyi Kazadi, Adrienne Nash, Danny D. Howard, Jean M. Andino, Jack L. Prater, Edray Goins

## Society of Hispanic Professional Engineers

**Front** Edray Goins, Cesar Bocanegra. **Back** Francisco Gutiérrez, José Garcia, Xavier Beugoechea, Frank Guzman

## Muslim Students Association *MSA*

**Front:** Neena Imam, Behnam Sadegli, Farid Ahmed Khan **Back:** Iraj Mughal, Asim Mughal, Khalid Juhany, Moeen Abedin, Asif Khalak



**Front:** Xinling Liang, Gypsy Achong, Angie Bealko, Joan Marie Gimbel, Rebecca Green **Middle:** Lynn Russell, Seiya Fukuda, Sue Bunker, Philip Cofield, Sam Webb, Francisco Guzman **Back:** Lynne Pertum, Clo Butcher, Jean Andino, Brian Moerdyk, Chris Sundberg, Dan Sandoval

## *CALTECH Y*

As usual the Caltech Y has had a wonderful and productive year. This year was particularly special because we have a new executive director, Sue Bunker, and a new administrative assistant, Lynne Pertum. The Excomm this year was one of the strongest ever seen at the Y. And of course our wonderful Director of Student Activities, Chris Sundberg, was back to help us for another year.

Some of the new highlights this year included a fantastic speech by Nikki Giovanni, a Chinese New Year Celebration, a commemoration of Holocaust Remembrance Day, a celebration of International

Women's Day with Judy Gorman, expansion of our high school tutoring program, a new trail maintenance program, etc. Our old favorites Decompression, the Y Hike, International Day, Earth Day, Undergraduate and Graduate Leadership Institutes, Stranded Students Party, Outward Bound Trips, Broomball, Phantom of the Opera tickets, African-American Art Show, Tijuana trips, as well as spontaneous musical and cultural events were, as always, well attended.

A special thanks to the Y staff and the Excomm for a fantastic year!!!  
by Clo Butcher

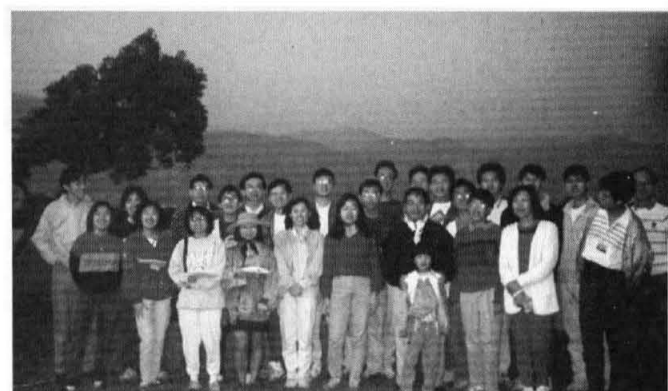


# *SIF*

## Student Investment Fund



**Front** Chaoying Rong, Jonah Michaud, Xinling Liang. **Middle** Wes Boudville, David Laidlaw, Daniel Richard, Bo Adler, Warren Buffet. **Back** Chon Torres, Remy Hathaway, Dave Krider, Michael Guadarrama, Mo Li, Joseph Long.

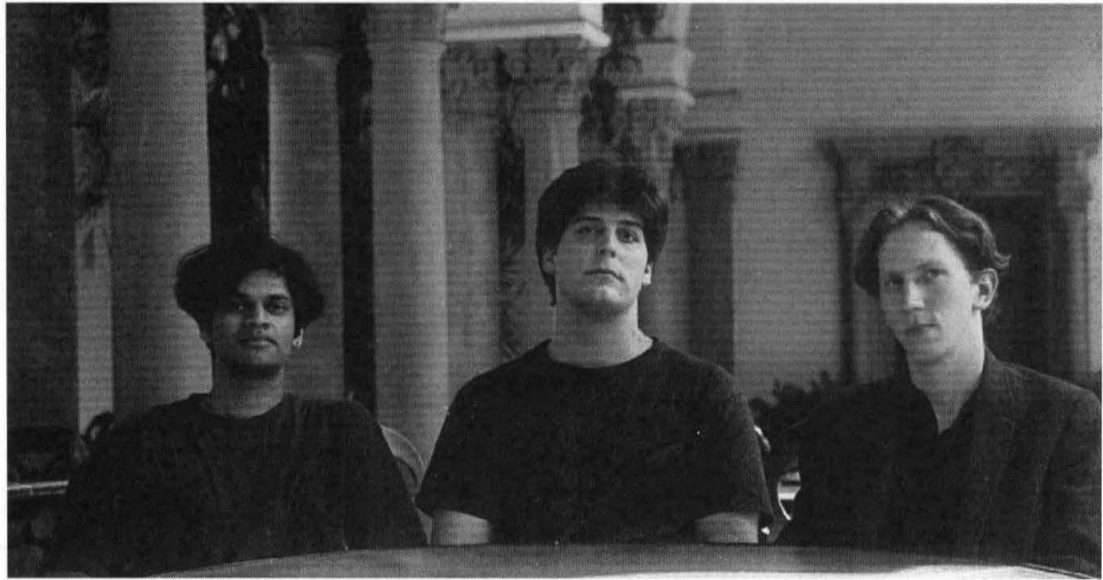


# *HKSA*

## Hong Kong Students Association

# TECH EDITORS

Rajesh "Q" Bilimoria, Christopher Orth, Michael Oder.



## ASCIT

**Front** Moeen Abedin, Gisela Rodriguez-Sandoval, Anandi Raman, Flora Ho. **Back** Karen Shih, Ewald Hueffmeier, Angie Bealko, Alan Blaine.



## IHC

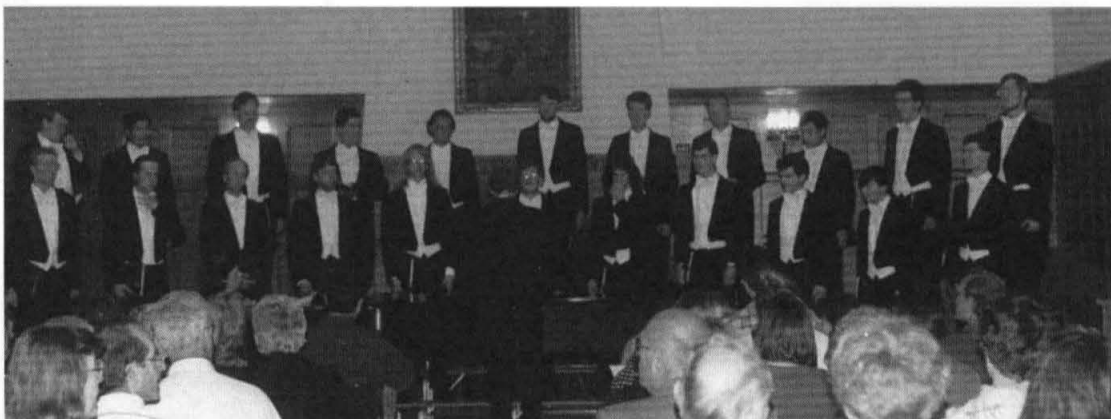
**Front** Karen Ross, Asif Hassan, Eric Loftsgaarden. **Back** Stanley Grant, David Perlman, Ben Smith, William Cesarotti, Derek Surka, Eric Slayback.





# MEN'S GLEE CLUB

**Tenor I** Bryan Butler, Stephen Farris, Tim Johnson, Ross Lawther, Len Meuller. **Tenor II** Dimitri Antsos, Paul Bartholomew, Chris Springfield, Jan Van Neerven, T'Nghia Vuong. **Baritone** Scot Fagerland, Francesco Faglioni, John Kitching, Richard McClurg, Jim Panetta, Michael Su. **Bass** David Barksdale, Kent Bradford, Oscar Durán, Tino Gramss, Brian Hudson, Roy Lee. **Director** Donald Caldwell.



## CHAMBER SINGERS

**Front** Kyuson Yun, Betsy Marvit, Kaoru Kato, Anna George, Jennifer Sun, Jamie Schlessman, Corinna Garcia. **Back** Erik Leitch, Scot Fagerland, Tino Gramms, Roy Lee, Scott Van Essen, Michael Palmer, Bryan Butler. **Conductor** Donald Caldwell



## WIND ENSEMBLE

# JAZZ BANDS

Monday Night



Thursday Night



**Front** Rob Knop, Sabarina Yazdpour, Areez Mody.  
**Back** Mike Nassir, Jonathan Weinstein, Geoff Burr,  
Jonah Harley, Barbara Arendt, Lior Pachter, Dan Hall

**Front** Missy Richmond, Charlotte Manly, Annette Grot, Corinna Garcia, Neill Reid. **Back** Jean-Paul Davis, Susanne Lin, Eric Hill, Patrick McGraw, David Ozenne

# CHAMBER MUSIC





Luise Engelhardt, Atul Salvekar, Gary Mines, Richard Chin, Charlotte Manly, Eva Birnbaum, Erica Carlson, Celeste Chang, Jonathan Baker, Katie Coughlin, Marcia France, Barbara Arendt, Katherine Woo, Erica Alliston



**Front** Diana McMahon, Rachel Schwartz, Alexa Toth. **Back** Vreni Zimmermann, Hiep-Hoa Nguyen, Erik Leitch, Travis Maron, Todd Fernandez.



**Front** Joanne Yew, Jamie Schlessman, Jeff Bramel, Jennifer Wei, Heide Li. **Back** Jerome Claverie, Peter Hofstee, Julian Chen, Stephen Leroy, David Koerner, Peter Cho.

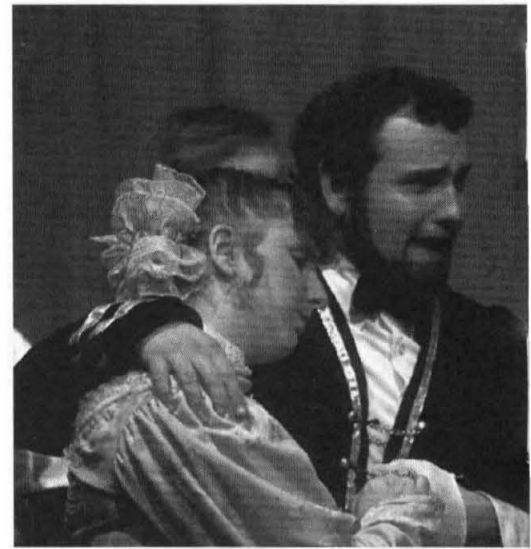


Richard Chien, Susanne Lin, Daniel Huang, Lyndia Williamson, Leslie Maxfield, Elizabeth Lee, Anita Gould, Linh Huynh, Alison Sopher, Sara Russell, Zackery Berger, Veronica Zinsmaier, Raul Lobo, Edray Goins, Erick Co, Toshi Takeuchi.

# CHAMBER MUSIC

# *TACIT presents* Hello, Dolly!

Rob weeps. Eve sleeps.  
And Gary Lorden.



Scott tangos.



Rudolf and his staff.



# *TACIT presents* Hello, Dolly!



Your crawdads are served.



Leslie dances.

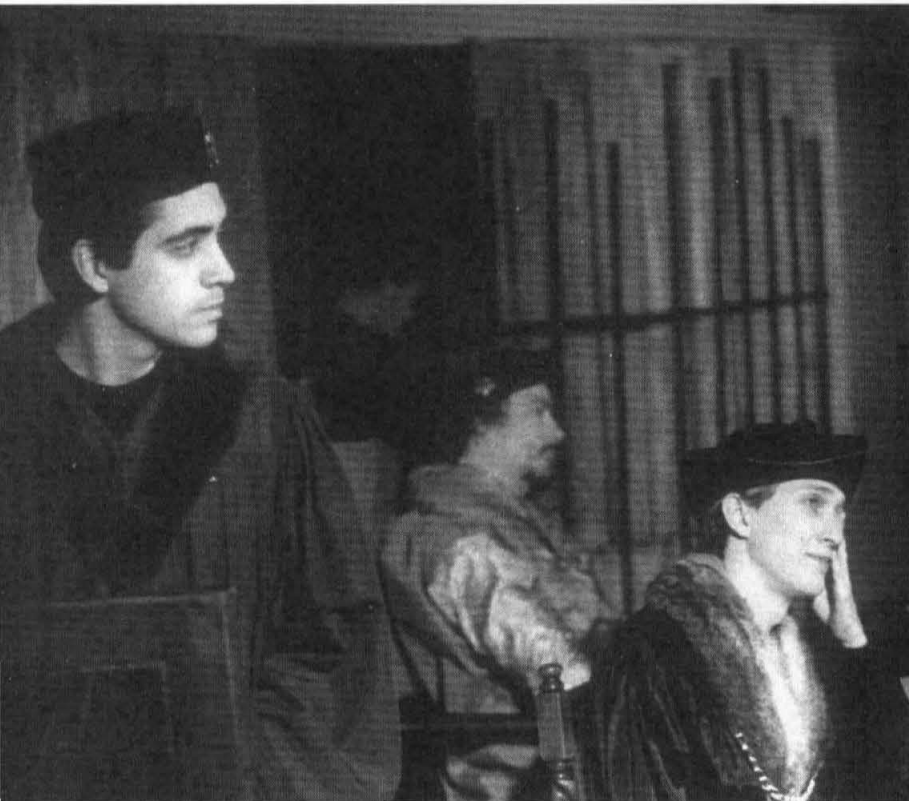


JPL's Al Hibbs, David Wales, Pasadena Mayor Rick Coles, and Bruce Murray in support.

# *TACIT*

## A Man For All Seasons by Robert Bolt

Alum Rich Doherty goes from President of Ruddock to King Henry VIII of England.



Asif, Todd, and Doug sit in judgment.



Cast and crew of "A Man For All Seasons."

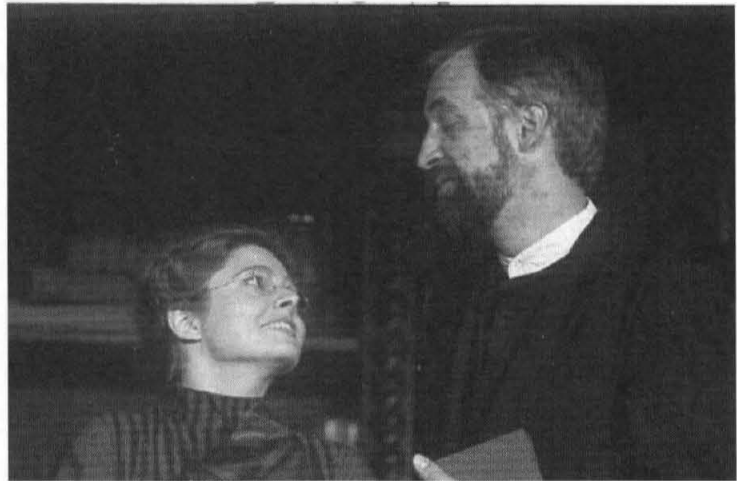


# TACIT

## The Importance of Being Earnest by Oscar Wilde

Cecily (Cara King), Algernon (Todd Brun), and Lady Bracknell (Lynne McGrath).

Miss Prism (Astrid Golomb) gazes at Reverend Chausable (Dale Gary).



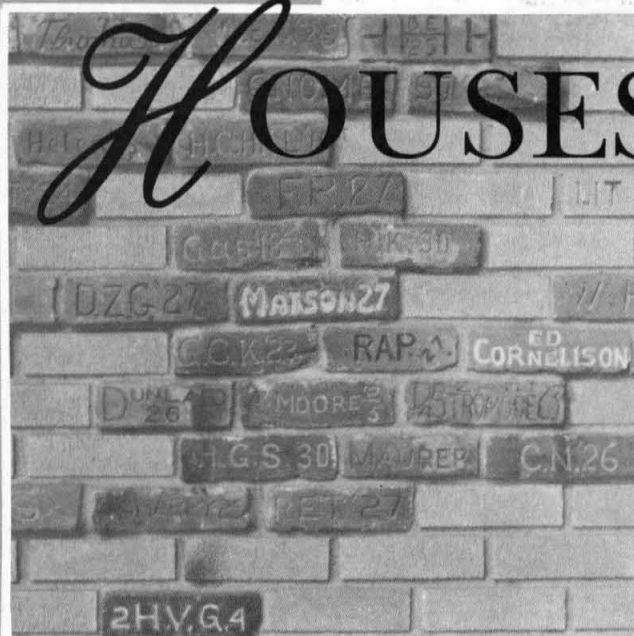
Mr. Gribbsby (Ernie Prabhakar) arrives to arrest Algernon.

A quintet of singing servants.





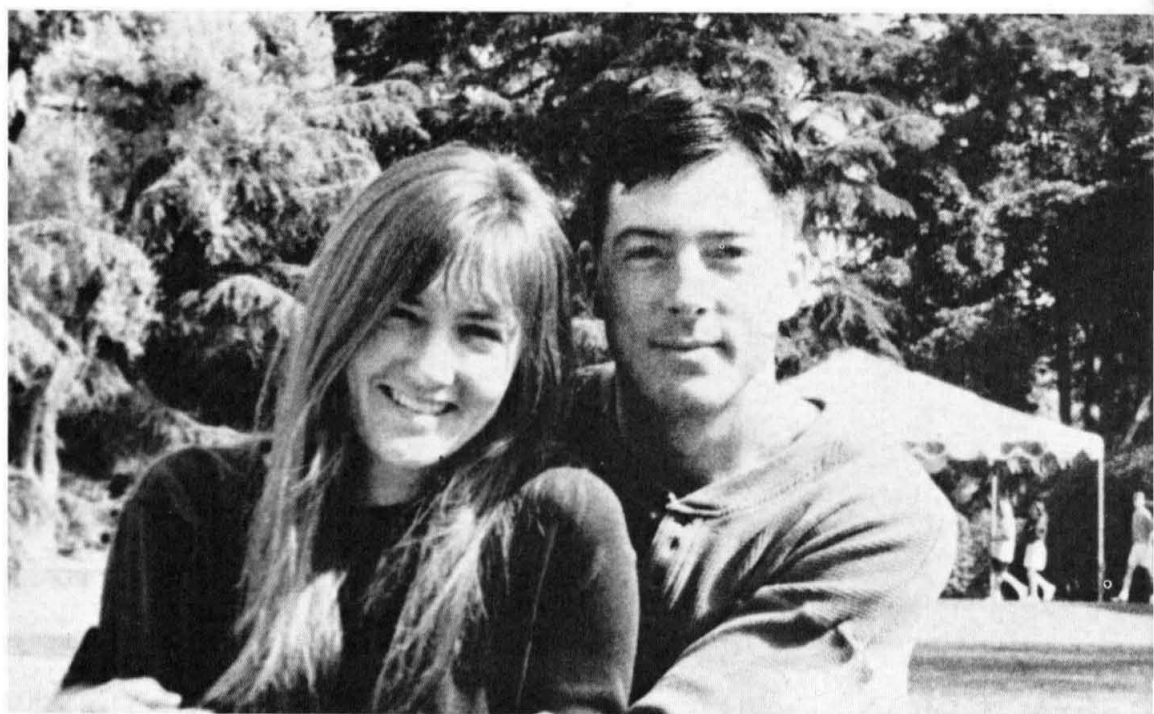
# HOUSES



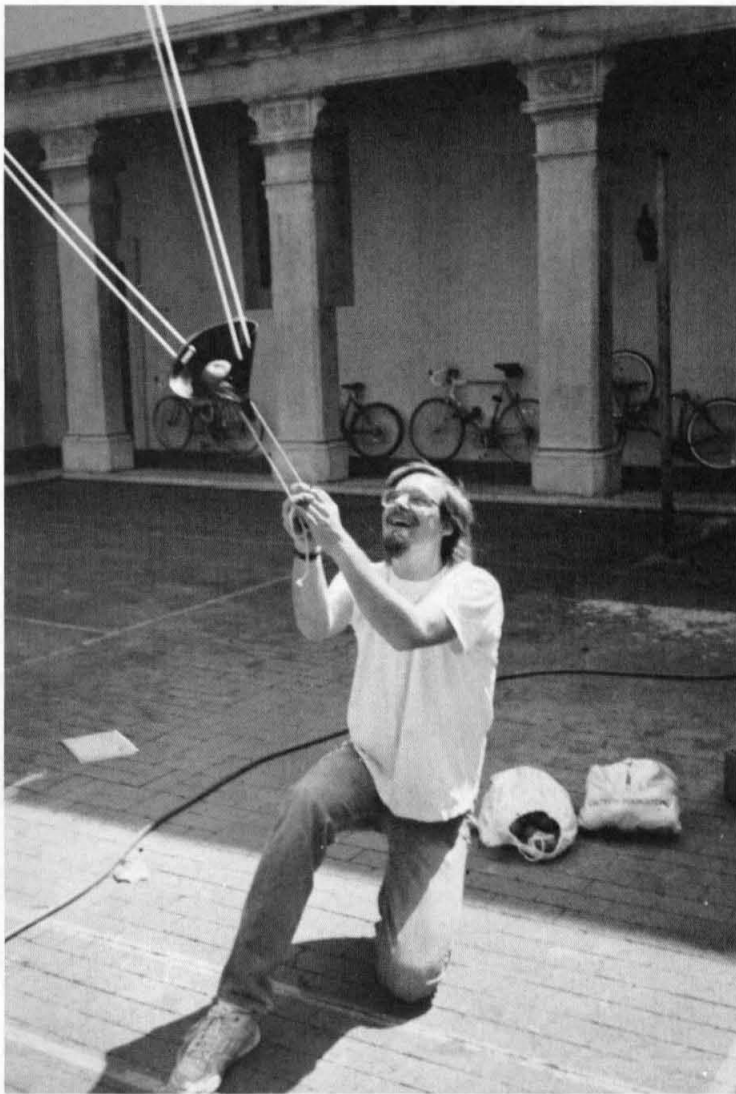
*“They’re all fine houses. Some of my best friends live in other houses.”*

Calvin I. Techer

# BLACKER







In the Beginning, God  
created Blacker  
House. . .

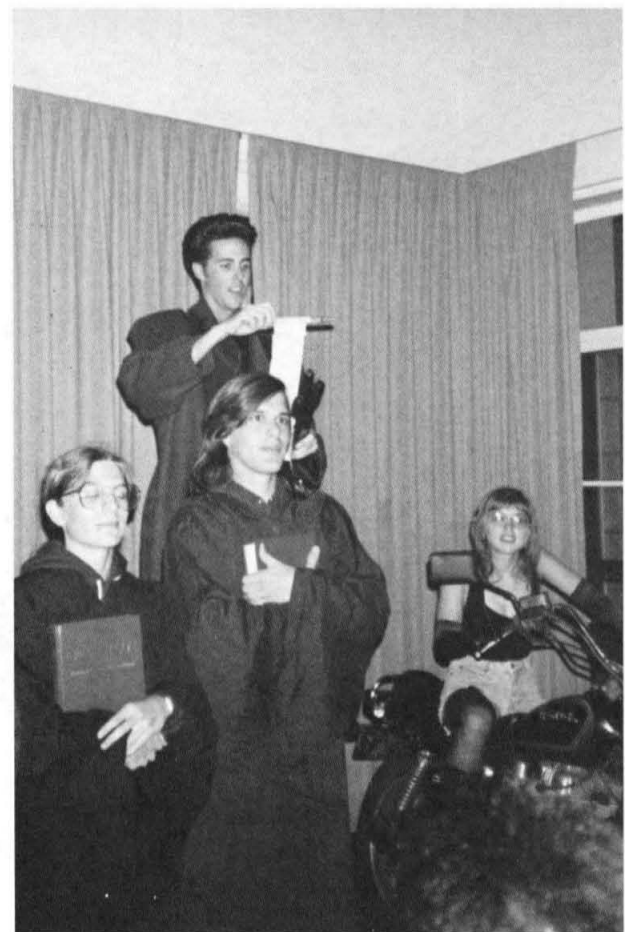
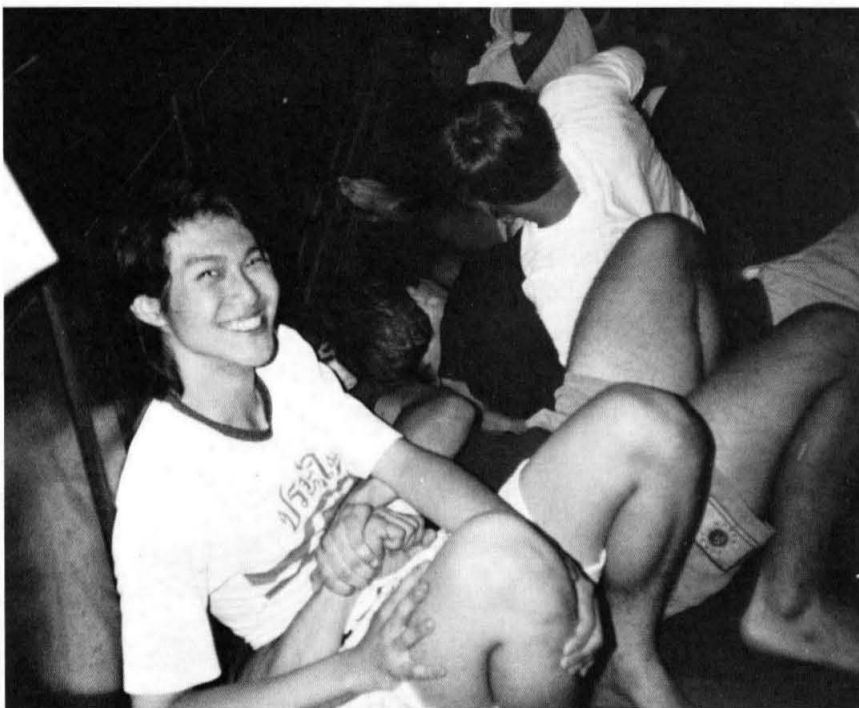


Above: Ben prepares to funnelate an orange into Ricketts courtyard.  
Below: Jesus force-feeds a tied-up Laura.

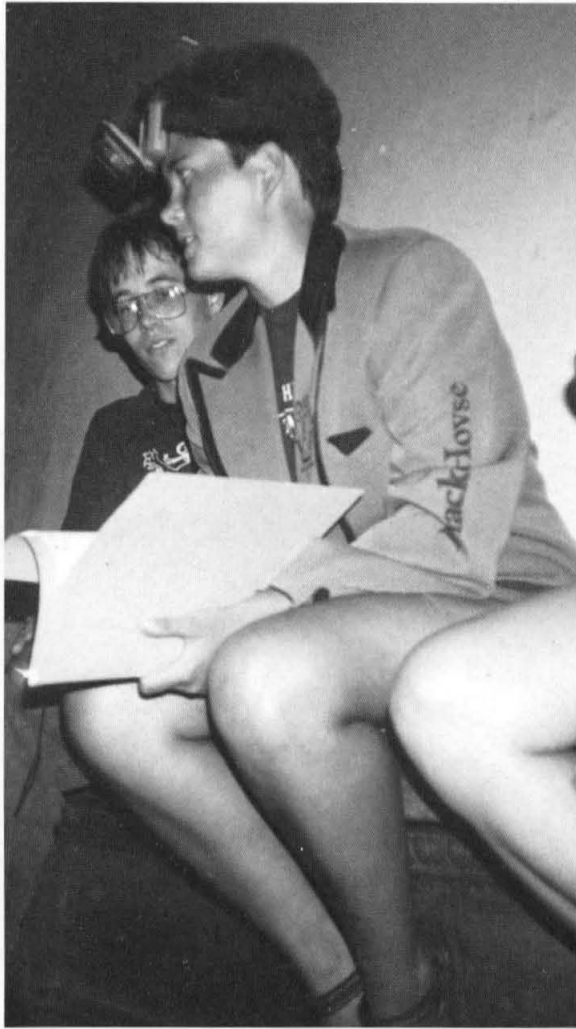


Above: Lisa, JM, and Christine sit atop Baxter during second term alley ordering.  
Below: James readies funnelator ammunition.

Partway through first term, God took unwilling protoplasmic entities ("frosh") and transformed them into Mole Frosh through processes which the minds of mortals cannot comprehend. . .







Opposite Page: Above: Andrew and Jian-Jin learn that they are members of Blacker House.

Lower Left: Shultz is restrained during the lounge run.

Lower Rights: The Pope makes his appearance.

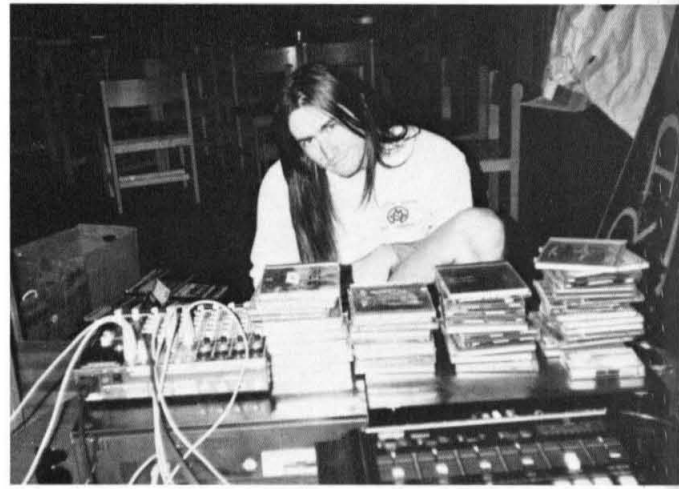
Upper Right: Katy and Rich announce the new members.

Upper Left: Ernest Tomlinson blinks as he is accepted into the house.

Lower Left: On your chair, Frosh!

Lower Right: Peter attempts to break Bevan's hold on him during the lounge run.

The new Mole Frosh were able to conduct themselves in proper Blacker fashion. . .

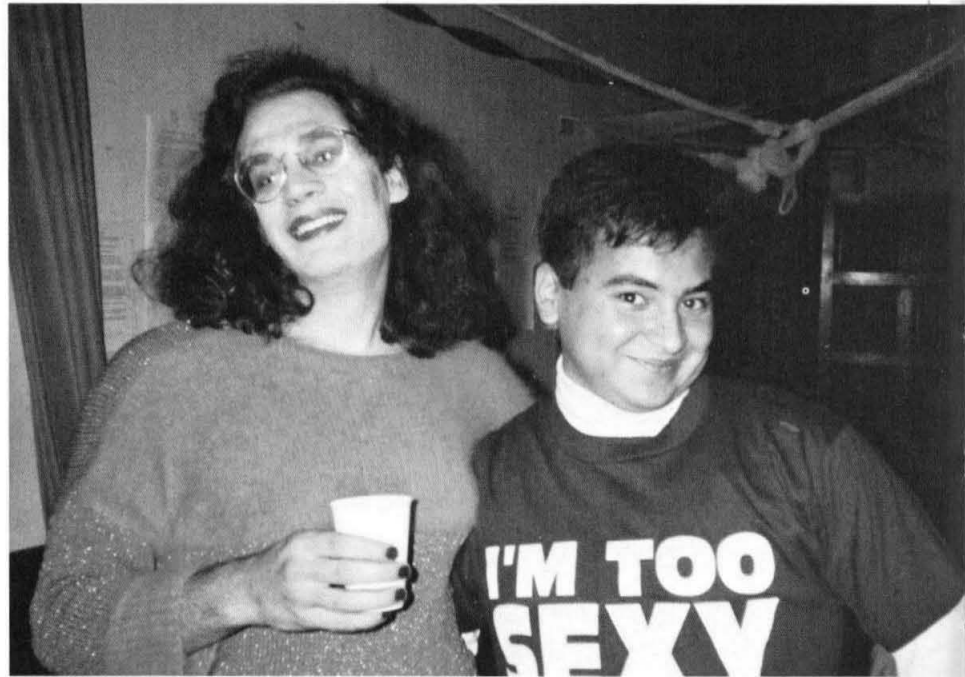


Upper Right: Walker D.J.'s the dance, but he is still bitter.

Right: Jesus escorts his lovely date, Matilda Johnson, to the Halloween party.

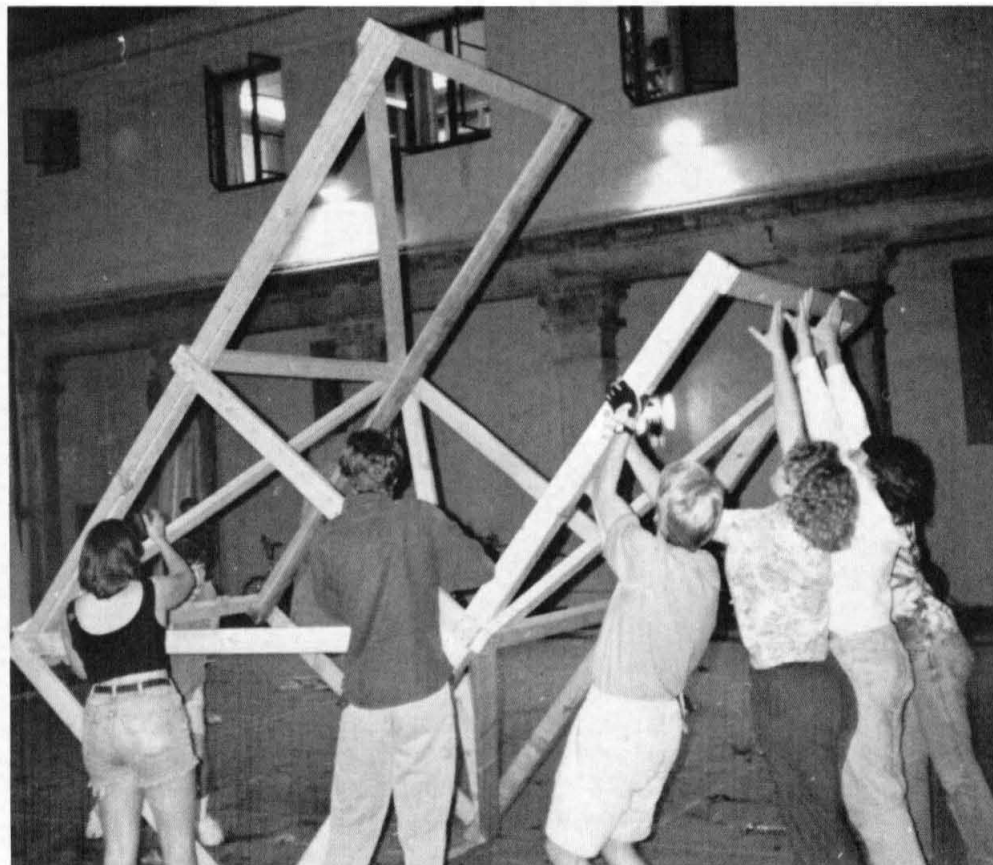
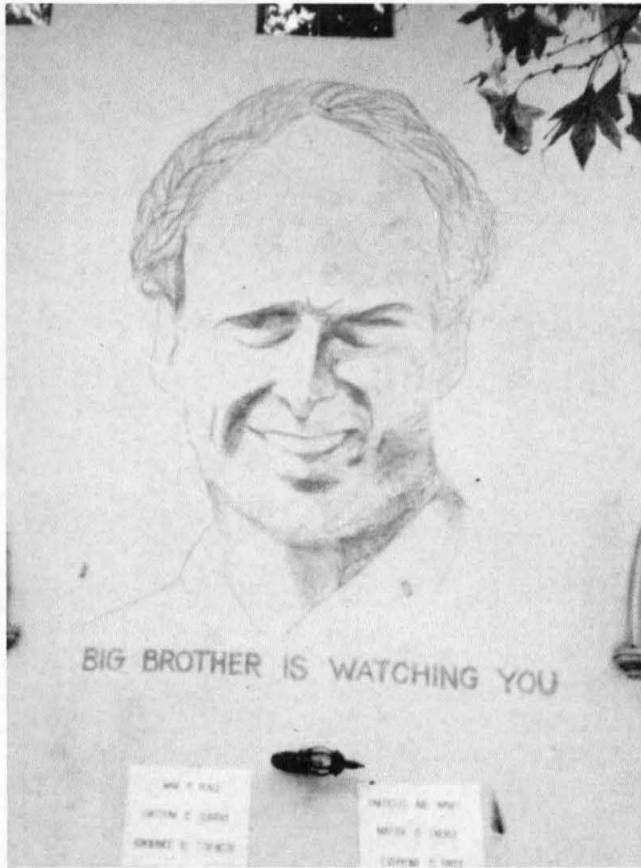
Below Right: Brian and others party down.

Below: Drew as the Sultan.





They obtained amazing powers, like the power of building crap. . .



Above: Miyabi scales the hovse to draw the face of "Big Brother" Gary Lorden.  
Left: Frosh and JM raise the tower for Interhouse.



**FRESHMEN:** Top Row: Tatsuya Murase, Andrew Mart, James Honaker, Eric Dickson, Christopher Hunter, Donna Ebenstein, Peter Manca Middle Row: John Conway, Divya Srinivasan, Stacy Kerkela, Andrew Schoen, Laura Brady, Ken Walsh Bottom Row: Chris Foley, Paul Upchurch, Andrew Grangaard, Renny Taliachich, Bevan Bennet, Eric Hill, Jian-Jin Tuan, Alison Slomp, Jessica Chang, Shultz Wang, Alfred Lee, Matt Noble, Dave Kondo **Not pictured:** Patty Chang-Chien, Anna Mulhern, Miyabi Ota, Ernest Tomlinson.



**SOPHOMORES:** Marcel Bergmann, Debbie Leung, Jennifer Barts, Lisa Gaskell, Sean Upchurch, Courtney Hilliard, Jen Niessink, John Barrera, Mike-Bob Coward, Eric Hackman, Andrew Grandgaard, Tom Kwan, Bert Sommar, Matt Clapp, Zack Berger, Brian Moerdyk, Christine Chen, Erik Wasinger, Adele Shakal. **Not Pictured:** Matt Carle, DeAnn Henny, Seong-Youn Kim, Tom Kwan, Jason Lada, Salim Odero, Kristin Polito, Cathy Vargas.





**JUNIORS:** Very top: Sarah Yoder, Chandler McDowell Next Row: Gary Olson, Bevan Bennett, Matt Johnson, Sandee Perez Next Row: Xavier Bengoetxea, Near Margalit, Lance Larsh, Troy Basset, Todd Rope Bottom Row: Sofia Akber, Joan Marie Gimbel, Becky Green. **Not Pictured:** Prasanna Adhikari, Suneal Chaudhary, Henry Choi, Alvin Daniel, Maceij Dudek, Mikka Kangas, Mbuyi Kazadi, Seong-Min Kim, Skew Lines, Andrew Lundsten, Jennifer Wei.

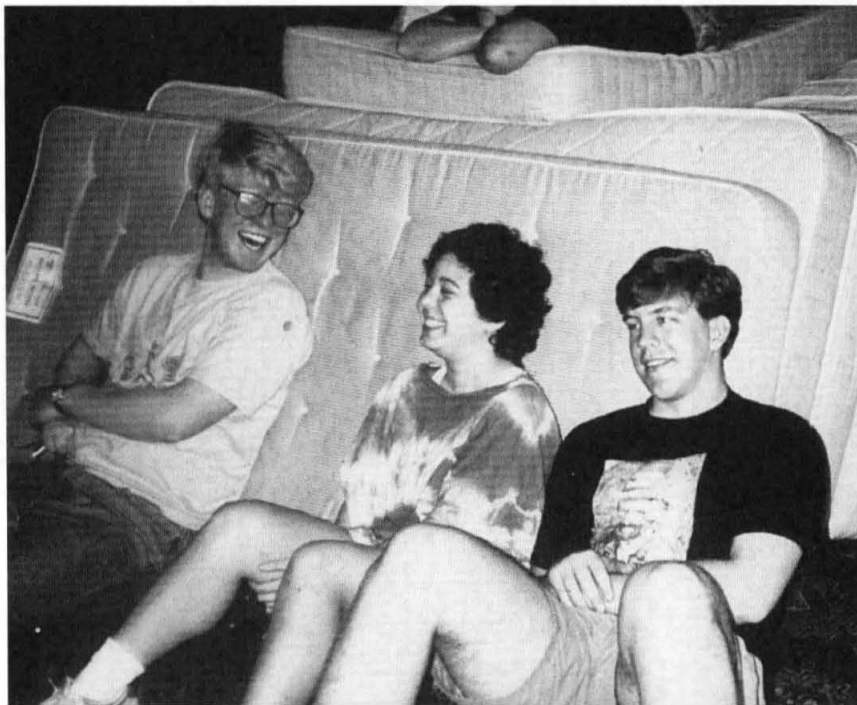


**SENIORS:** Left to Right from Top: Jen "and Alex" Rosser, Ben "Land Rover" Smith, Lindee "MIT" Goh, Clo "Boulder" Butcher, Brian "Buraian" Kurkoski, Mike "1st married" Nygard, Alan "Alaska" Kulawik, Susan "Suzy-Woozy" Sheu, Jared "Jared Smith" Smith, Jen "Silly Putty" Wright, Karen "IHC Babe" Ross, Jesus "Zeus" Mancilla, Rich "The Punster" Benzinger, Pete "Unix" McCann, Katy "Geology Woman" Quinn, Anna "Rock" George, Di "Smiley-Face" McMahon, Danny "Holmes" Chu, Kevin "Phase-Shifted" Kan. **Additional Picture:** Neena Imam, Theresa Miller, Mark "8 years" Montague. **Not Pictured:** Dan "Fru" Fruman, B.G. Girish, Mike Guadarrama, Jenny Johnson, Dave Krider.

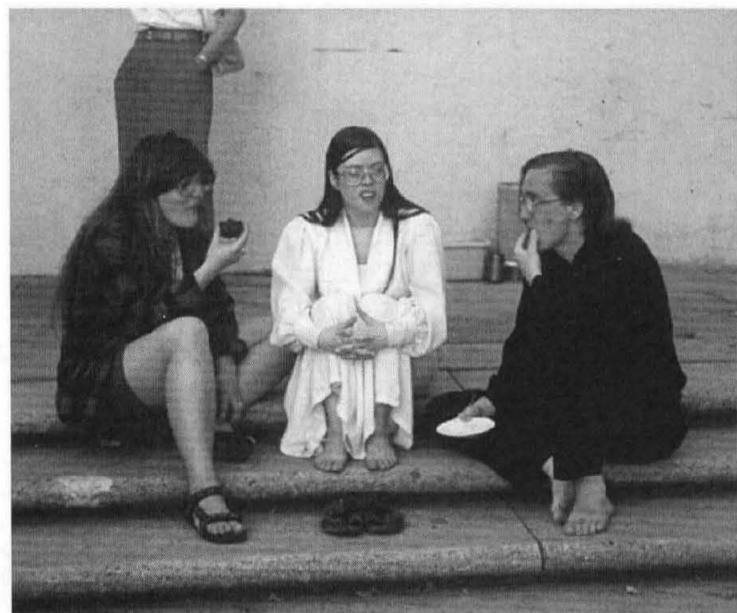


# SOCIAL EVENTS

Right: Renny and Alison project water balloons from atop Baxter down to heart-shaped targets during alley ordering. Below Right: Mike-Bob and Antony decide they need some more VCR's and amps for movie weekend. Below left: Zack, Kristin, and Bert watching movies. Far Below: Eric sleeps during movie weekend.

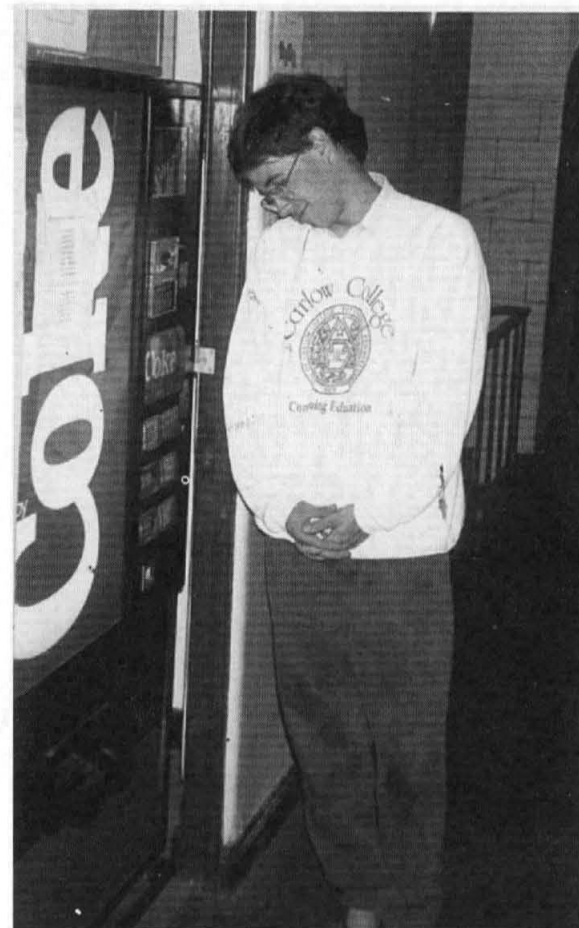
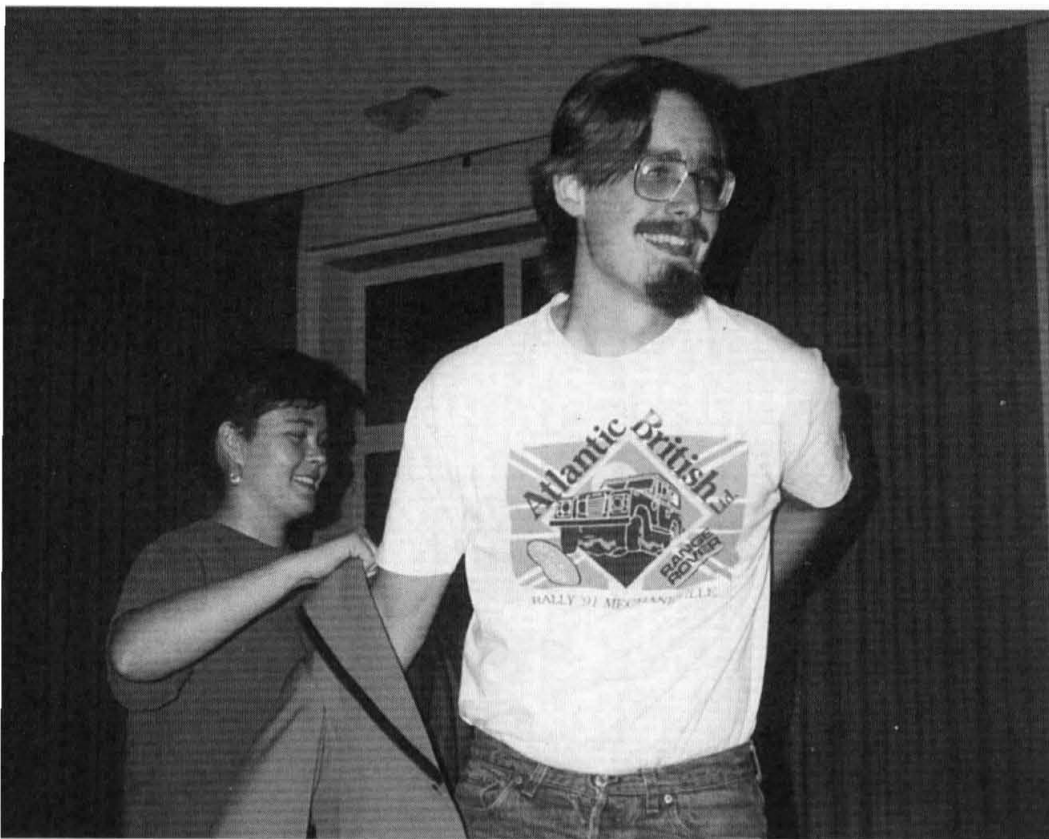




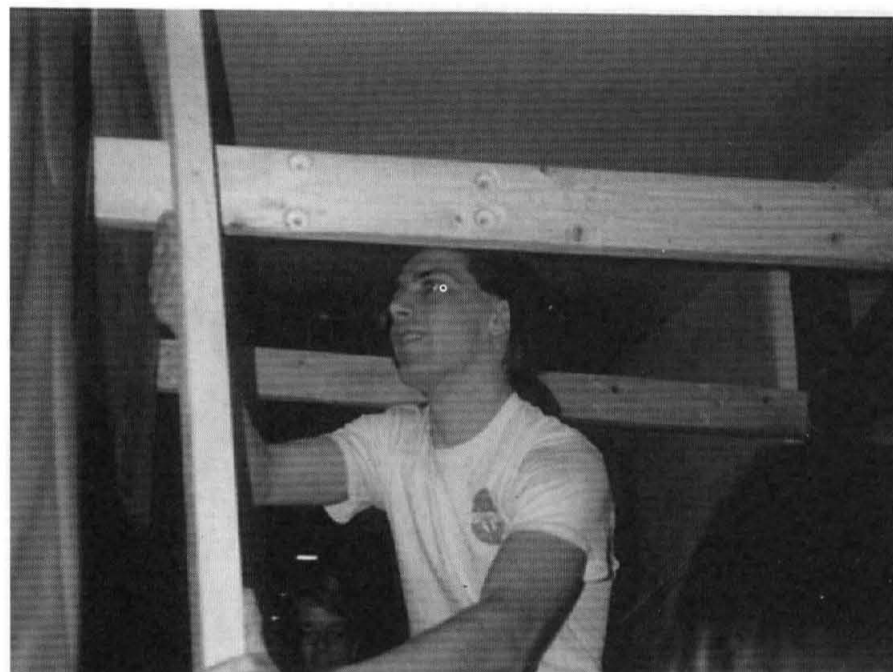
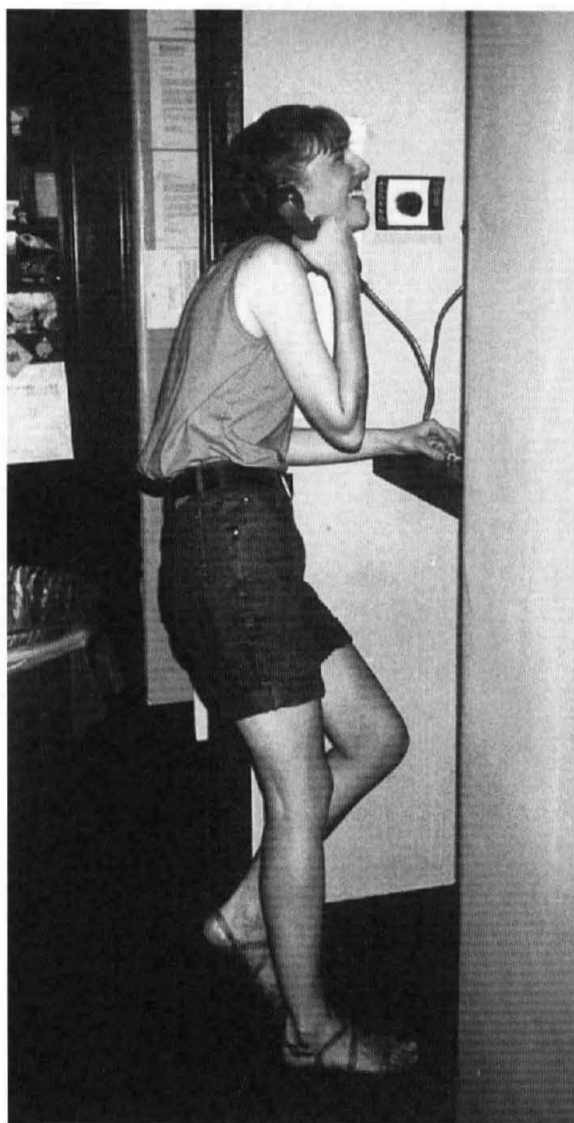


Far Above: Eric is encouraged to be wet and happy at the frosh barbeque. (Notice Antony looking on.) Above: Jen Niessink, Cat and John chat at the Associates' Tea.

Far Above: Debbie throws a disc across the Salmon's pool. Above: Moles toss a disc at the frosh barbeque.

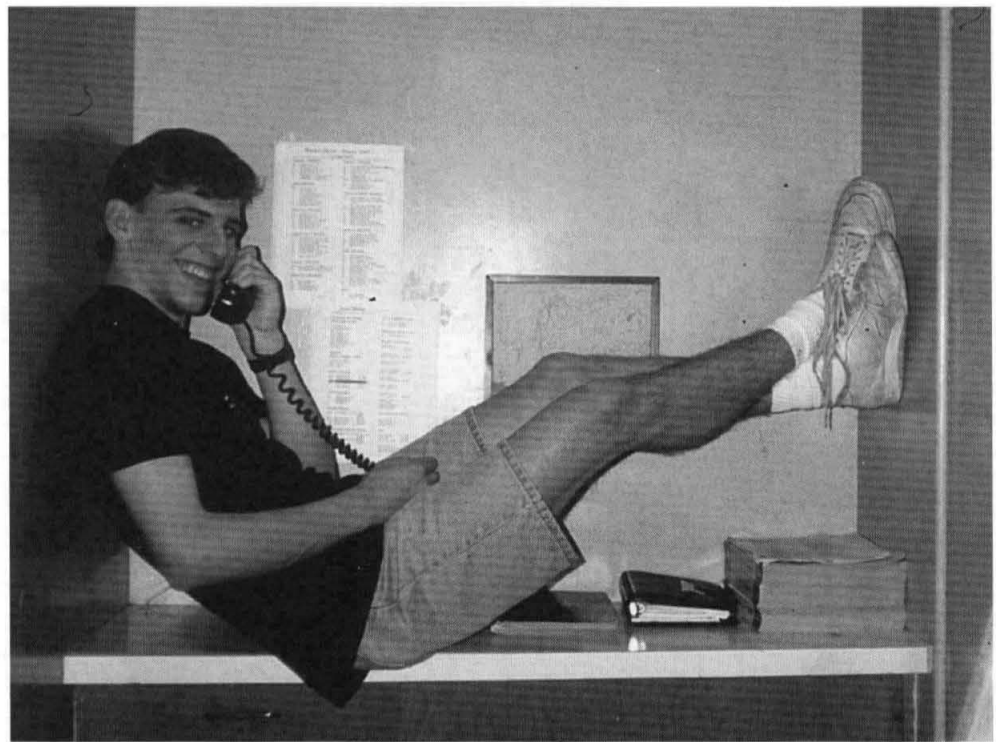
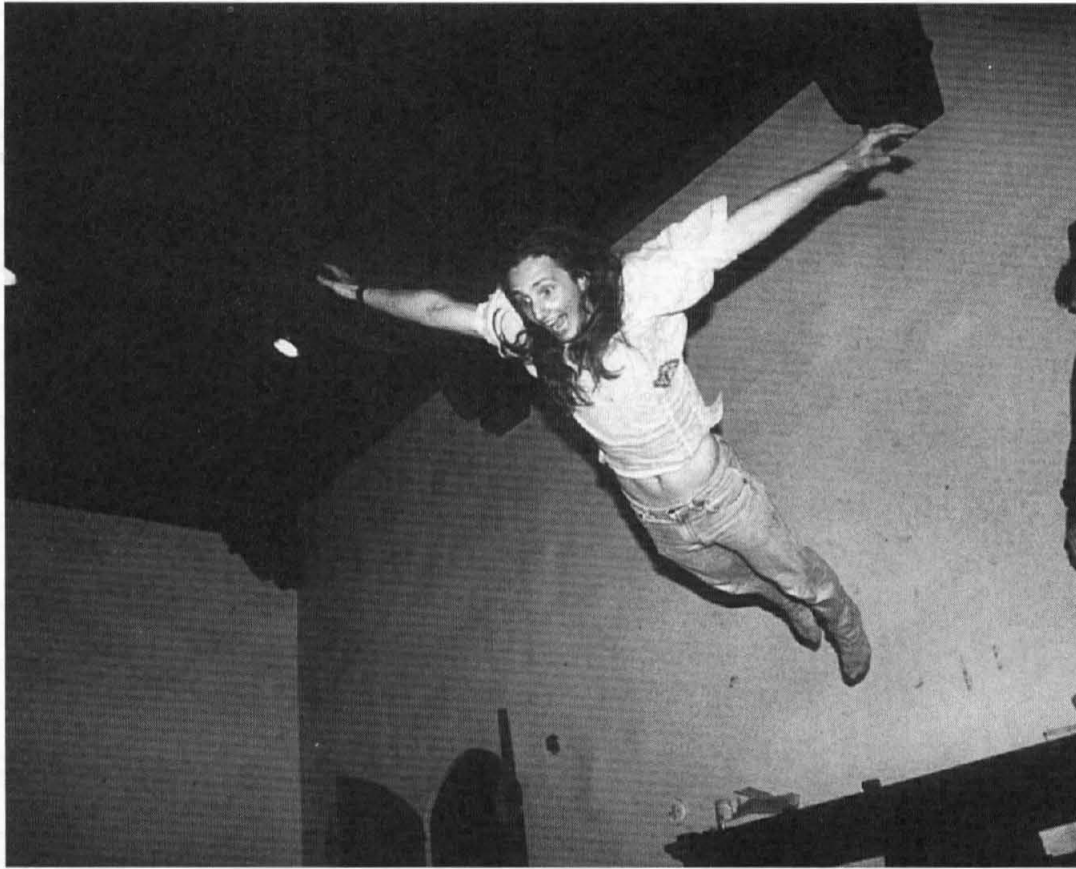


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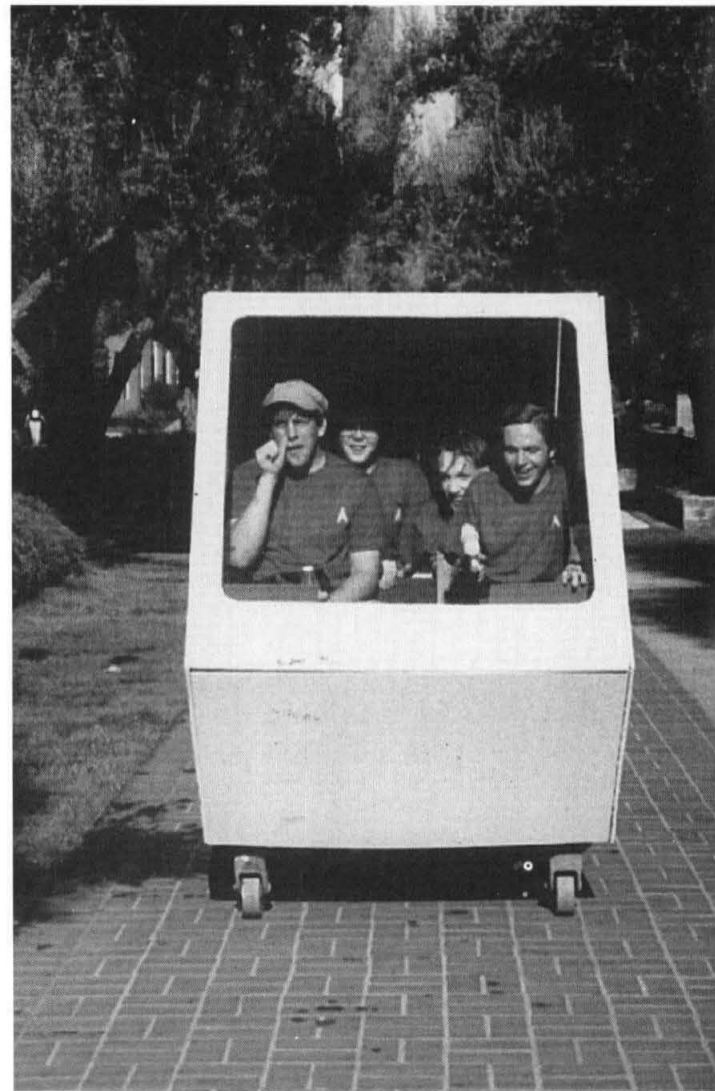
Above Left: The obligatory photo of the handing-off of the presidential jacket. Above Right: Rich is surprised to find the Coke machine in his doorway. Left: Speck laughs while her picture is taken. Above: Bevan and the Hell Frosh barricade Ken in his room.





Far Above: The mattresses left in the lounge after movie weekend proved to be too much of a temptation for Peter, who made a maniacal swan dive onto them. Above: Matt Clapp on the ever-so-popular, free Heaven phone. Left: Chandler takes his turn jumping onto the mattresses.

# DITCH DAY



Above Left: Adele and Erik paddle across Braun Pool for Katy's "Lost Moles" stack. Far Above Right: Federation officers Bert, Miikka, James, and Eric pilot Jen and Brian's shuttle for "Star Trek: The Stack." Left: Moles erect Ben's tower. Above: The Network 23 newscrew pauses in the search for 20th century media while working on Pete's and Mike's "Max Headroom" stack.



# The Faces of Blacker...

Let it be known: this may well be the last yearbook layout in which a picture of Mark Montague somewhere appears.

This is a good thing for him (one assumes), but a bad thing for the rest of us. Who will replace him as the house's symbol of tradition? Aside from Monty's graduation, though, other happy events have occurred this year.



First term, new moles were initiated into the house, returning the bounce-to-bitterness ratio to a somewhat healthy balance. Also, Blacker continued in its downhill

battle to save Interhouse. Katy turned the house over to the new president Ben earlier than usual when she left for a trip to Antarctica before the end of first term.



James hefted a 4-pound block of

margarine up to the dining room ceiling, putting to rest many questions about the existential butterpat. Housing later charged the house for the removal of our spiritual salvation.

Ben's rover underwent a frontal lobotomy in the courtyard. Both father and son are doing fine. Also, the seniors make valiant attempts at 200 and 100 Days, but met with no success; 50 Days passed without notice.

The cancellation of the Alumni Phone Night threatened the house's budget, until a windfall



from damage refund left the house with more money than we knew what to do with. Several meetings later, some of the money was spent for a new laser printer

and social events like Posh.



Observant CCO reps spotted the net newsgroup comp.mulitmedia; the house took advantage of the spelling error and began using the group in hopes of getting a wide distribution that moles and alumni could read everywhere. But the idea was killed when the group was renamed caltech.house.mulitmedia.

A large black plastic cube appeared in the courtyard, signalling the coming of Ditch Day. This year, most seniors teamed up to create elaborate stacks such as Rich



and Lindee's "Tech Bandits" Stack, Neena, Clo, and Zeus's "Personal Journey" Stack, and Katy and Jo's "Lost Moles" Stack. The Frosh retaliated with a ditch-day reminiscent Hell Ride which climaxed with a broken water pipe over Hell.

As the year comes to an end, and our time here at Tech rapidly draws to a close, we, your historians, would like to leave you with a bit of sage advice that will help you in your journey towards graduation: Duh.



## Your Historians

Brian  
"No need for deadlines"  
Kurkoski

Jennifer  
"I'm glad this is done"  
Wright



And thank you to Topher, Adele, and Kevin for contributing pictures; and to Zack for helping you with the text.

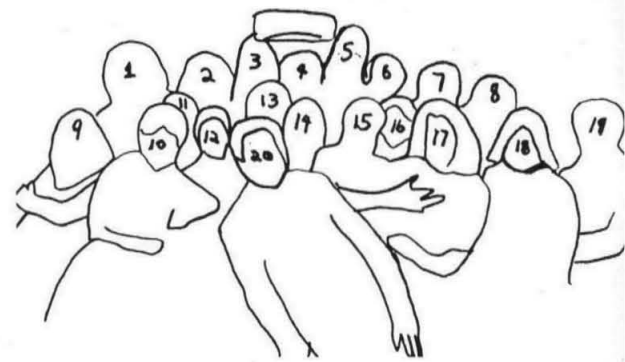
# DABNEY





# HOUSE

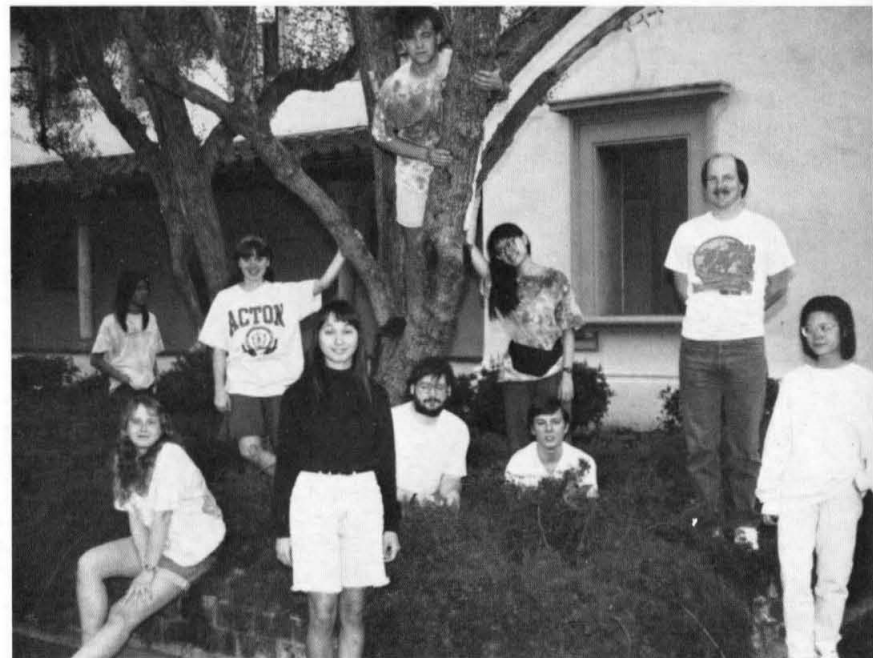




**Frosh:** 1. Pickone 2. Travis Collier 3. Andrea Cavalluzzo 4. Daniel Egnor 5. Heidi Hofer 6. Rich Zitola 7. Divya Srinivasan 8. Xinh Huynh 9. Bill Castillo 10. Kevin Du 11. Joseph Trela 12. Egon Pasztor 13. Rudi Cilibrasi 14. Amalavoyal Chari 15. Fred Caldwell 16. Gary Fay 17. Sean Vellucci 18. Ravi Montenegro 19. Jakub Czyz 20. Damien Sullivan

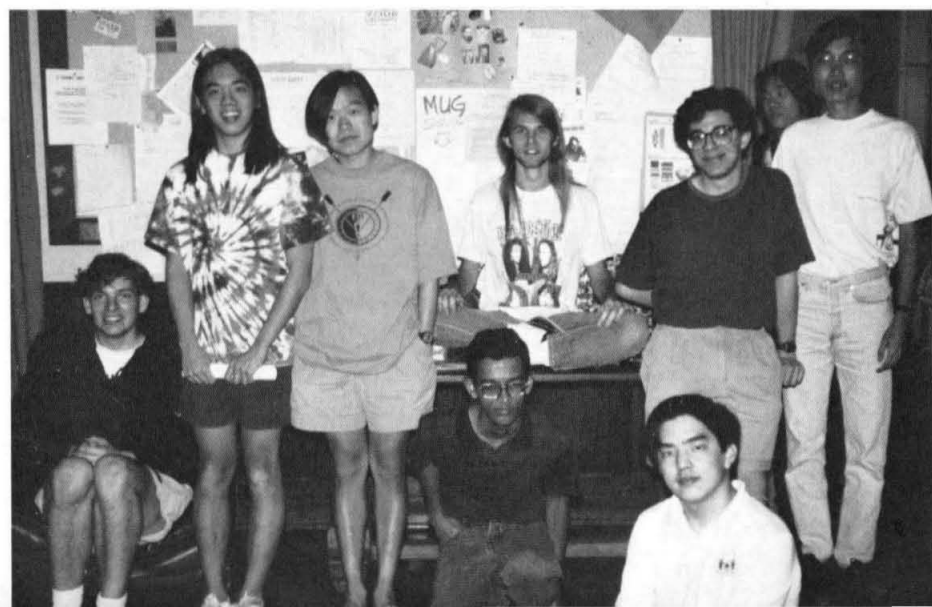
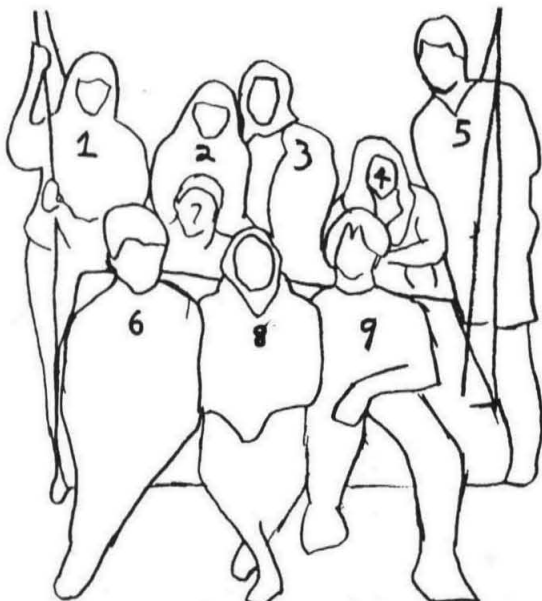


**Juniors:** 1. Kim Hatch 2. Denise Yamagata 3. Laurence Schaufler 4. Aaron Petty 5. Michael Harrison 6. Zu Xin Yu 7. Miguel Jordan 8. Linda Hanely 9. Keven Kraft



**Flakes:** Kurt Revis, Dennis Chang, Cynthia Machacek, Karen Kustedjo, Kevin Cooper, Karen Bruner, Heide Li, Jeff Deniston, Mike Benedetti, Pearl Tsun

**Mega-Flakes:** J. Random Mole, Momo Jeng, Yun Kim, Jim Murdoch, Jonathon Weinstein, Dennis Chang, Andre Yew, Amalavoyai Chari, J. Alan Low.



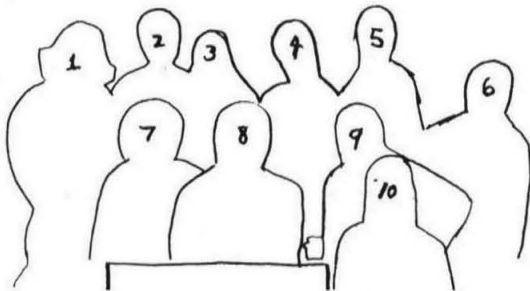




**Seniors:** 1. William Watson 2. Amy Stern 3. Yair Zadik 4. Tasshi Dennis 5. William Cesarotti 6. Daniel Lipofsky 7. Eric Schell 8. Robert Hanna 9. Seth Noble 10. Riki Moilanen 11. Steven Anderson.



**RAs:** Shelly and Len Mueller



**Sophomores:** 1. Kathleen Tozer 2. Mike Radford 3. Heidi Sutton 4. John Marquis 5. Travis Maron 6. Jesse McReynolds 7. Dave Simpson 8. Chris Dupuis 9. Steve Skovran 10. Jennifer Barts

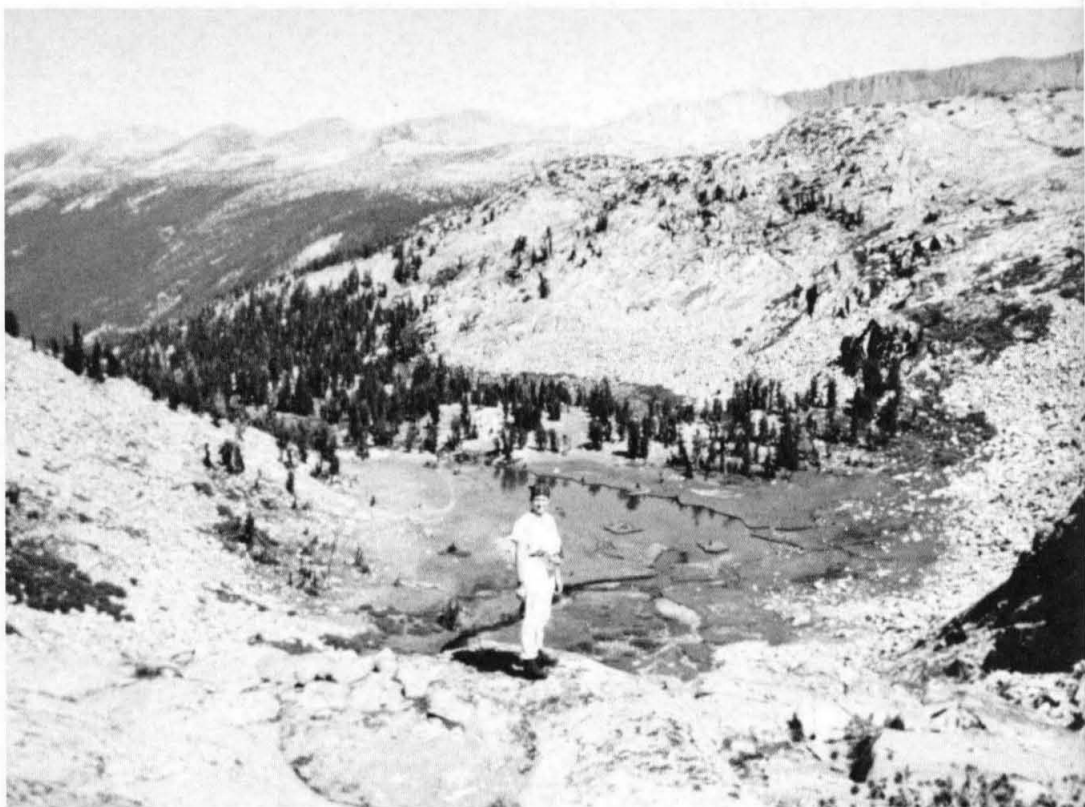
**Grads:** Kathleen Gallagher, Daniel Maskit.



# CLASSES



# ADVENTURE



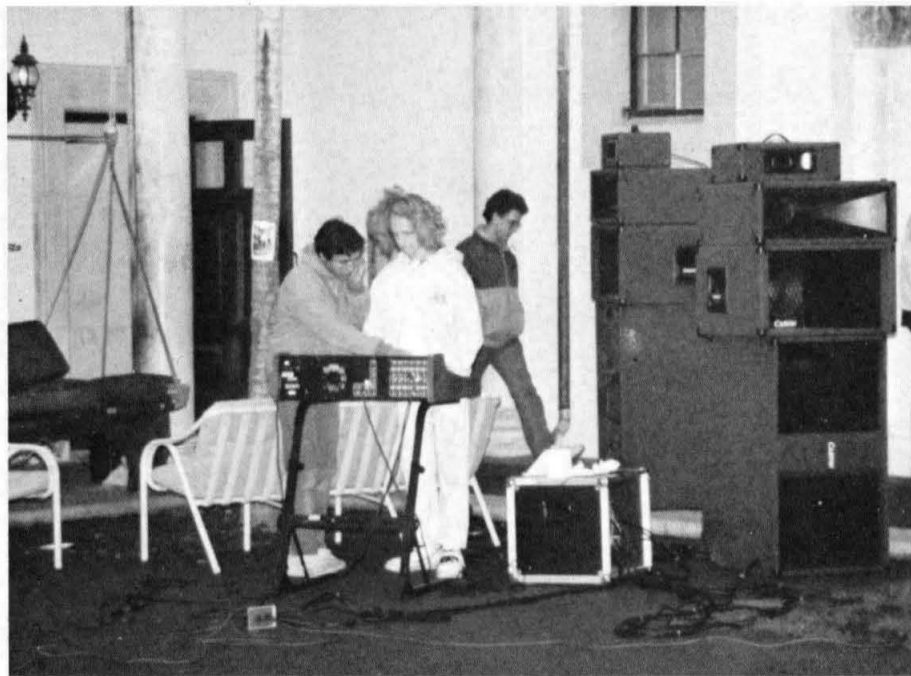
**Cindy M** buttsledding near Mt. Baldy; **Kevin C** skydiving; **Linda H** and her snow critter at Mt. Wilson; **Linda H** on Y hike near Yosemite NP; **Rich Z** climbing snow bank near Mt. Baldy; **Laura B** at Versailles.



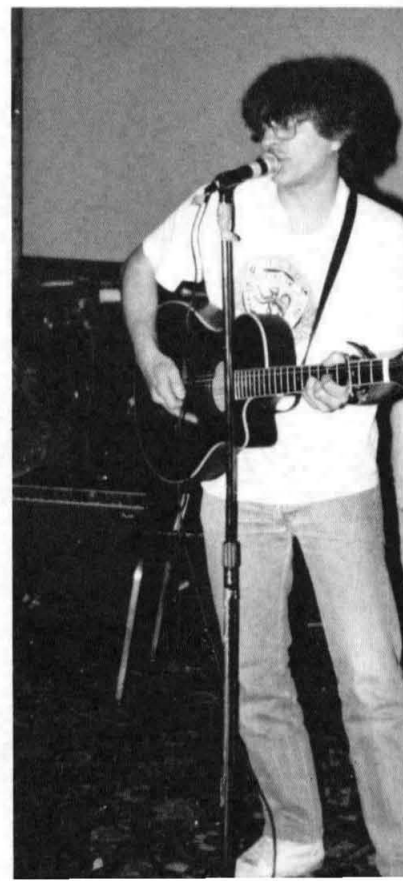


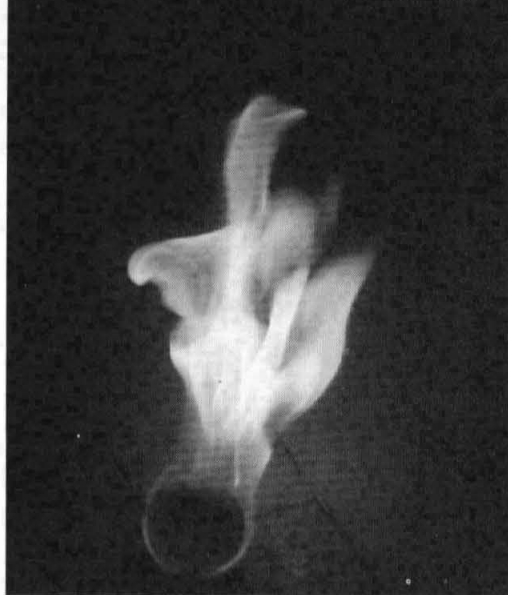


# MUSIC



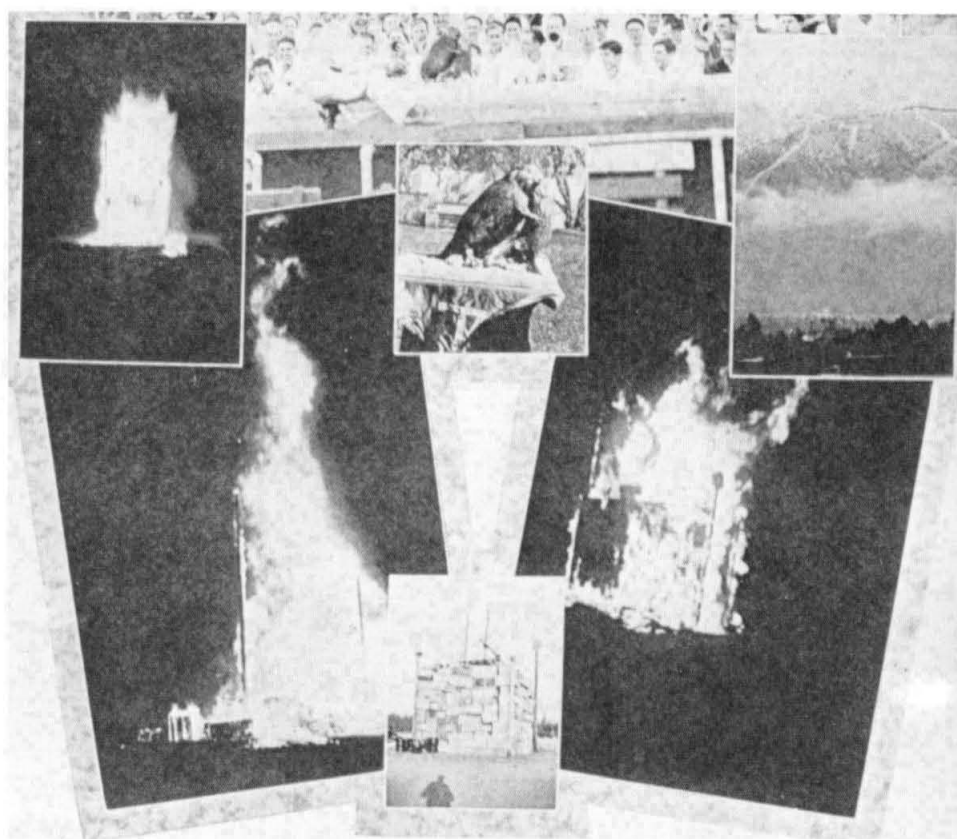
**Jon L** on accordion for Stale Urine; **Andrea C** lead singer of Blew; **Pickone** on sound board for The Ride; **Rich Z** and **Pickone** set up for the loudest Ride of the term; The whole Stale Urine crew; **Kevin K** solos on guitar and voice.





# The Last Bonfire?

Wielding trumped up felony charges and a dizzying combination of misconceptions and selective memory, the City of Pasadena moved against over sixty years of Caltech tradition in their quashing of Dabney House's annual Frosh Bonfire and their subsequent hunt for "responsible individuals" to sacrifice before the masses.



A victory bonfire pictured on page 81 of the Big T from 1930

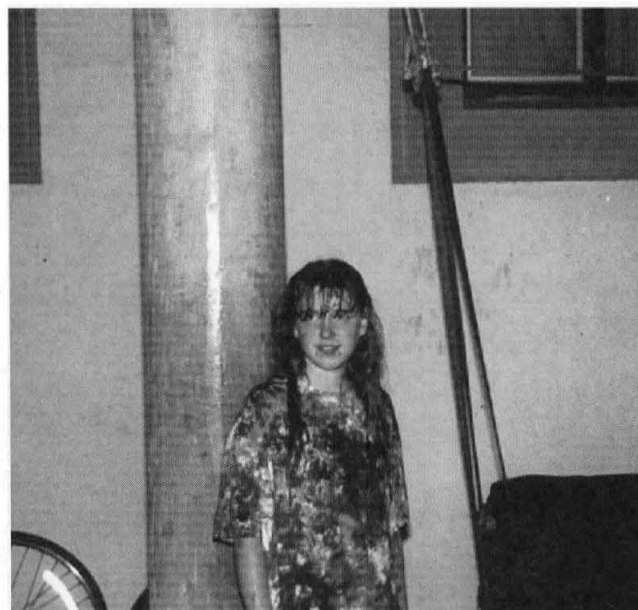




# FIRE BAD

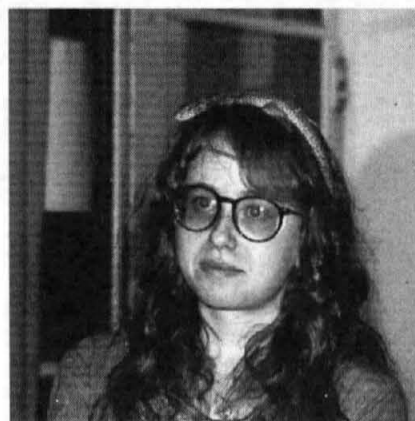
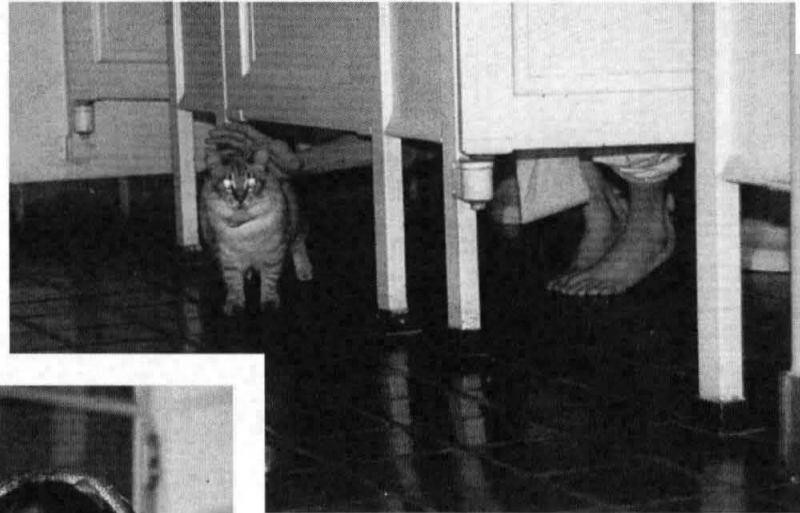


1993 Dabney Frosh Bonfire is doused by the PFD and PPD

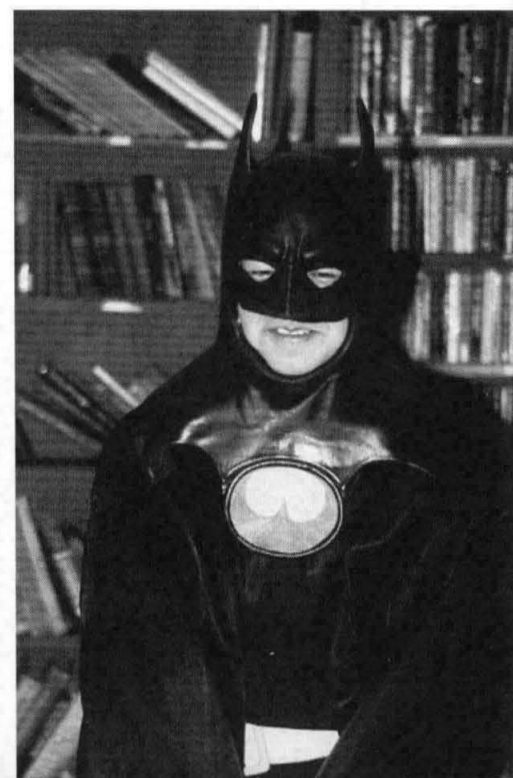
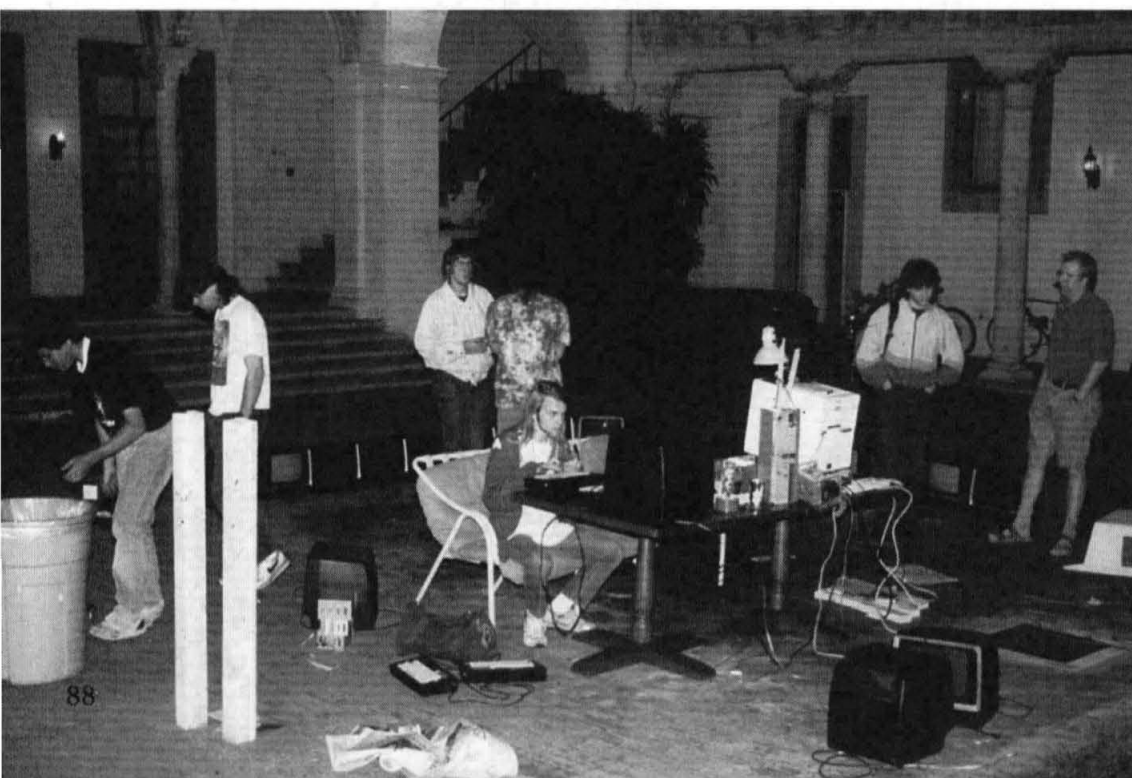
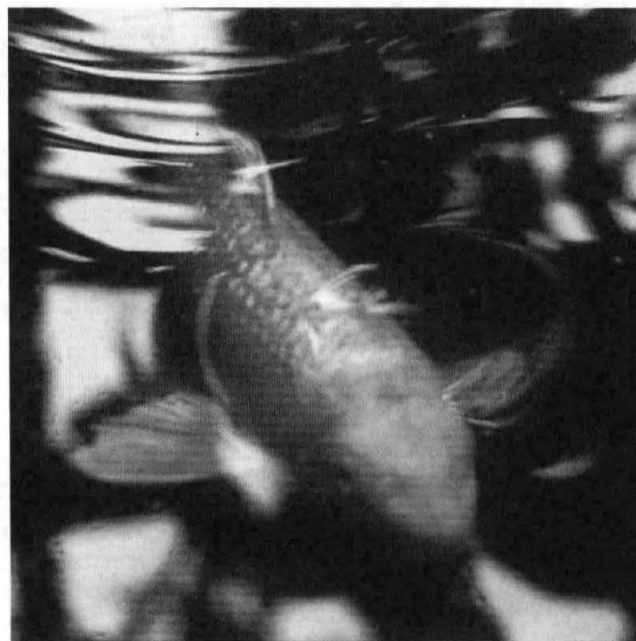




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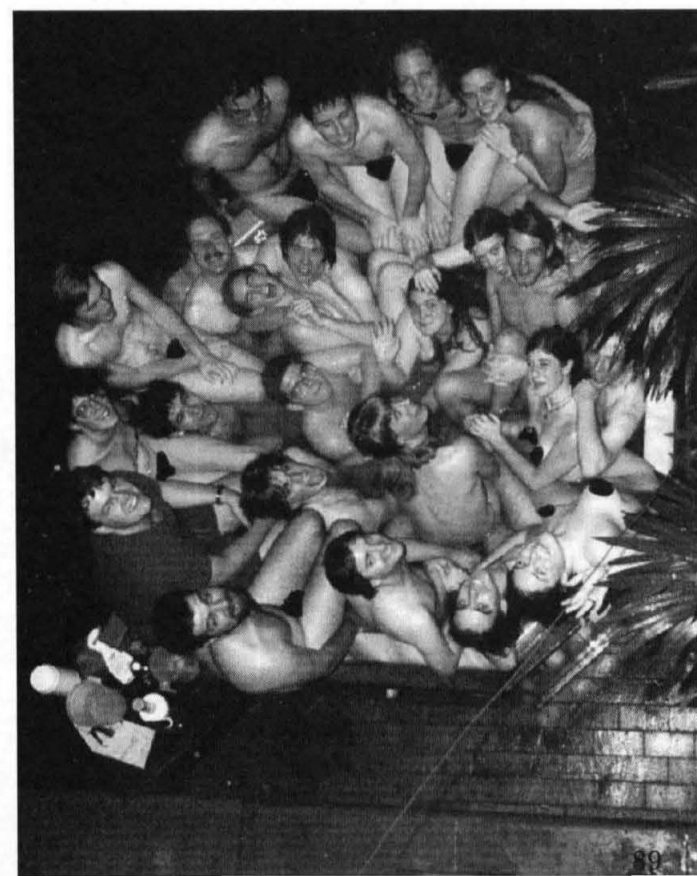
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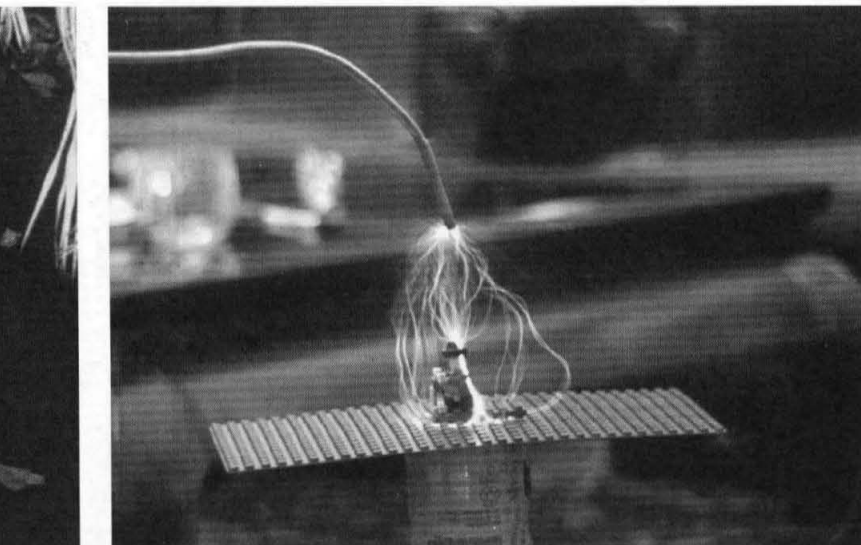




Catepillar at Euro-Disney; 93 House Witchdoctor **Karen B**; **Riki M** petting **Juniper**; 92 Axe Murder **Karen K**; a big fish; an abused toilet; terminals in the courtyard; Buttman (**Yun K** knows where to find him); **Steve A** as **Keysey**; **Katy's Last Supper** (not); **Laurent S** on a techno high; passing the presidential penis; **Fred C** being surly; 24 people in the hot tub (new record).  
(Note — the Big T Editors are responsible for the editing of this photo.)



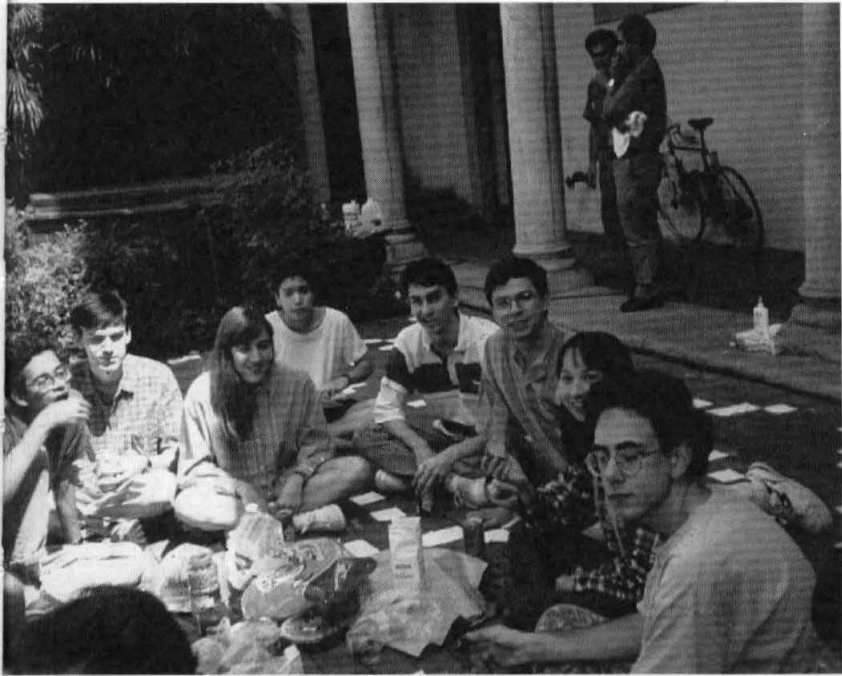
# DESTRUCTION



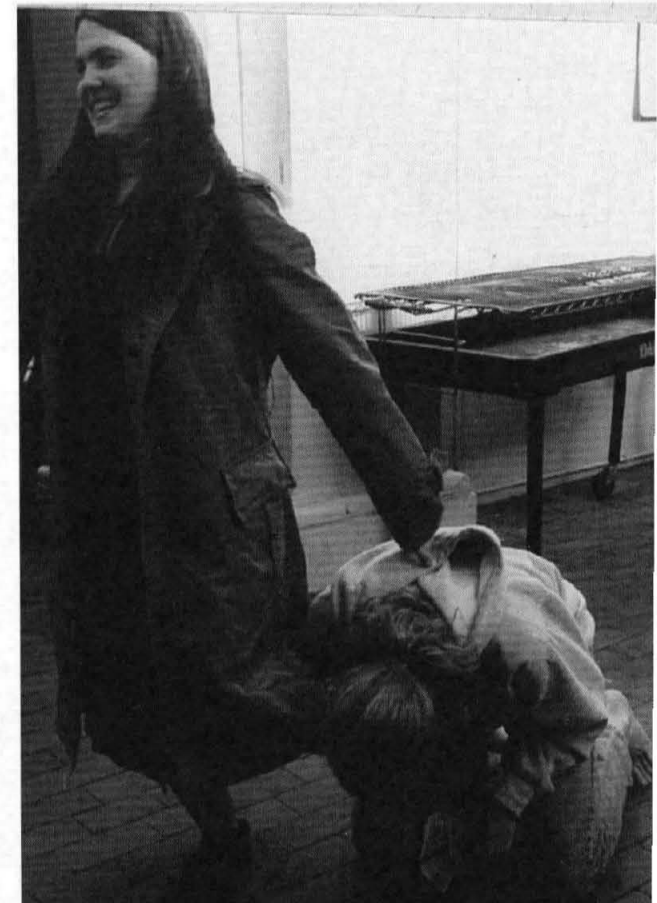


# DITCH

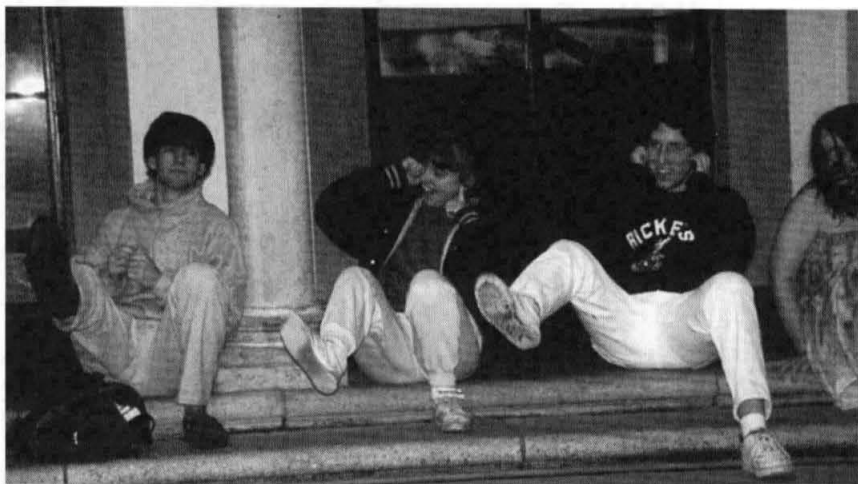
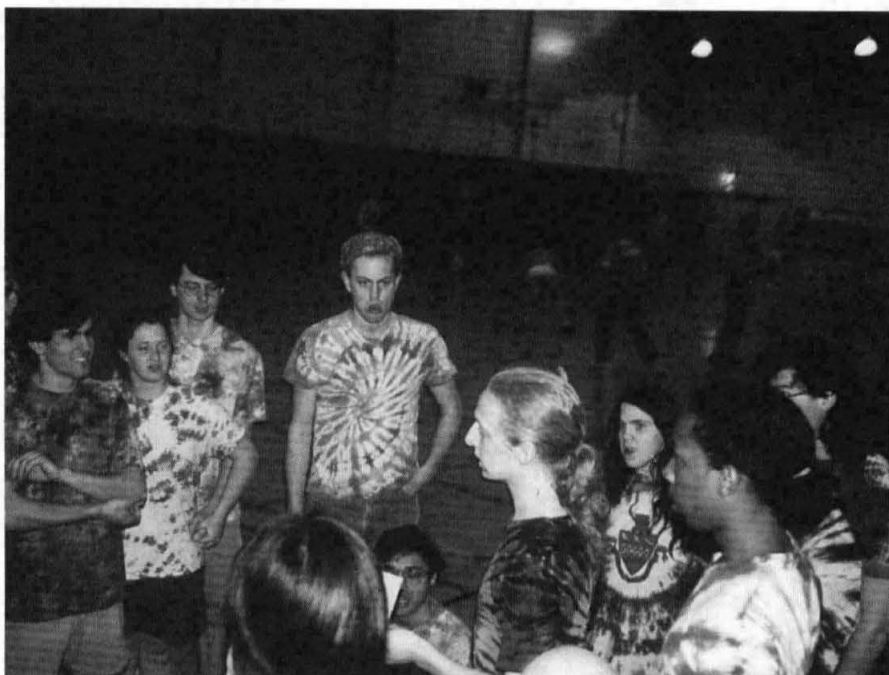
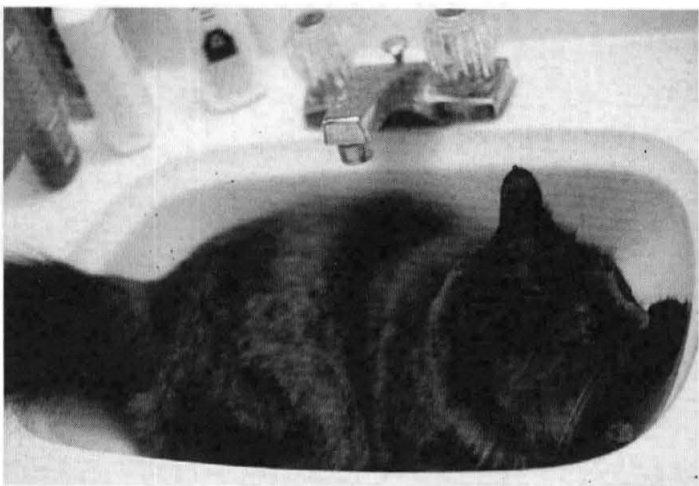
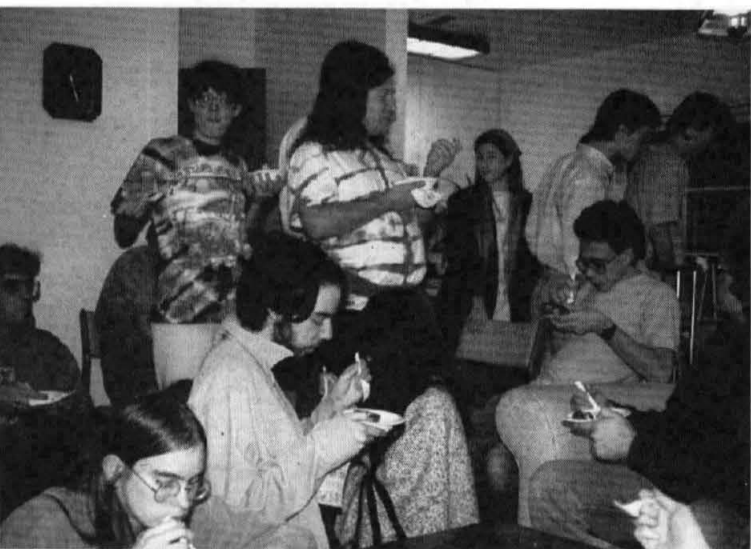
# D A Y



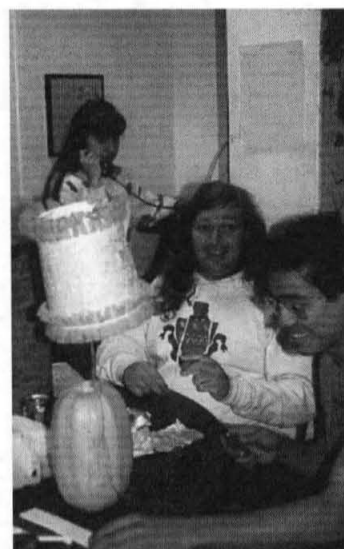
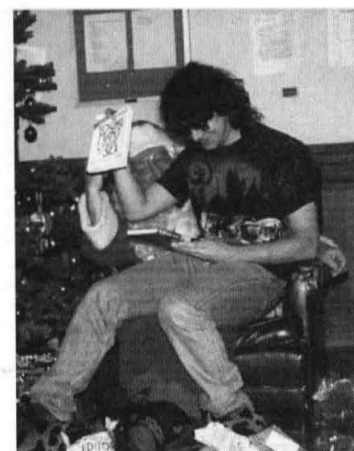
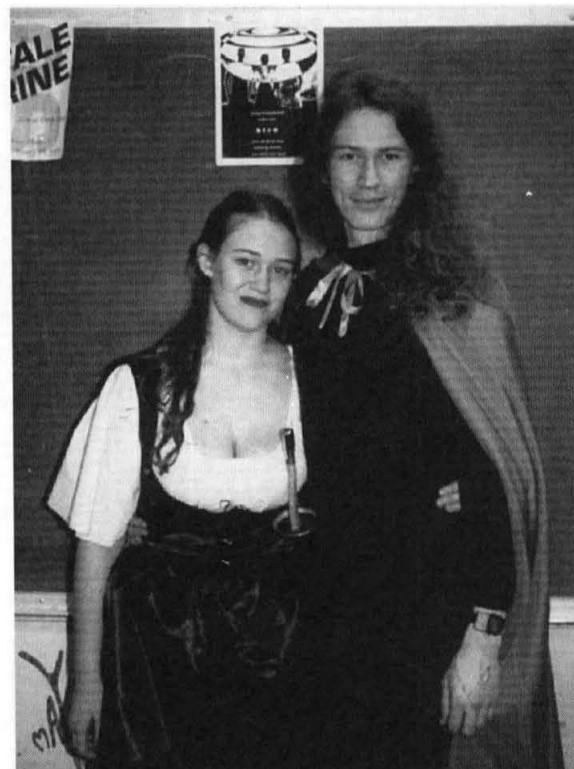
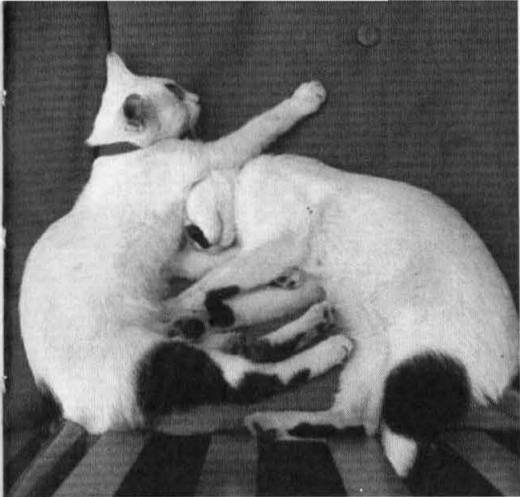
Above: Look familiar?  
Below: Andrea finally gets sucked.



# Et Cetera







## 1992 ExComm

President: Alf Mikula  
 Vice-Pres: Steve Anderson  
 Secretary: Jill Soha  
 Treasurer: Alan Low  
 Social VP: Katy Sippel

## 1993 ExComm

Pres: William Cesarotti  
 Vice-Pres: Katy Sippel  
 Secretary: Mike Radford  
 Treasurer: Jim Murdoch  
 Social VP: Bill Castillo

Historian: Seth B. Noble

The Fleming house choral singers prepare for their annual performance.



Jim and Liz share a moment alone in the courtyard during the calm before the storm.



**FLEMING**

# FLEMING

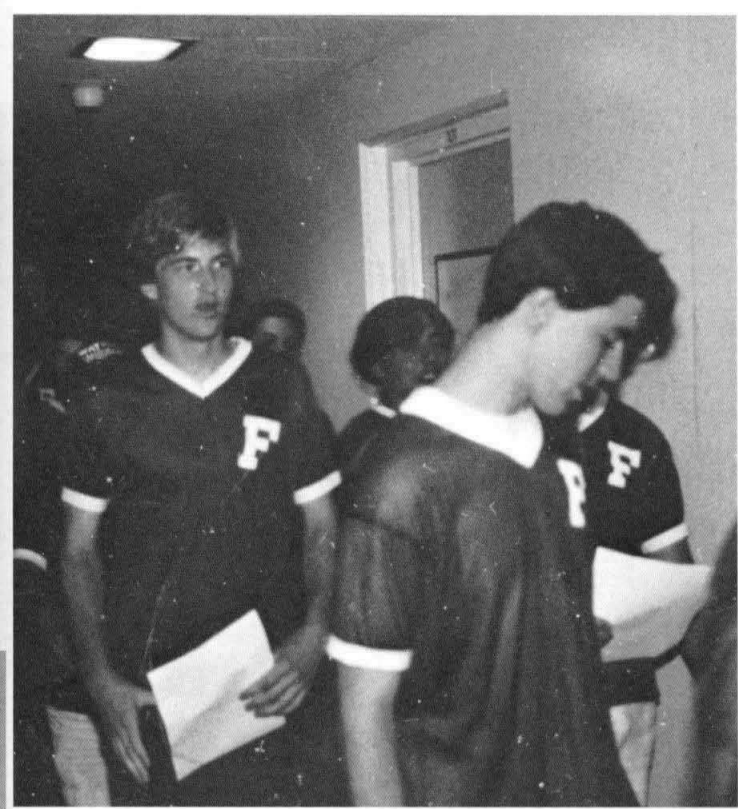


I wonder what's going to happen to us next?

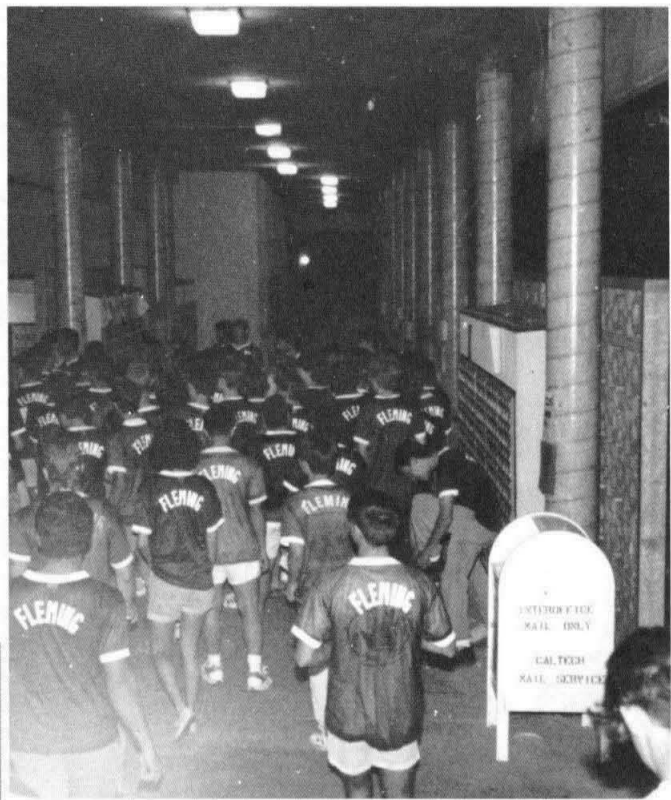


Forrest, the master bartender, creates the very first grape squishy.





Nicky shows off his singing ability.



The thundering herd continues their pillaging on the north houses.



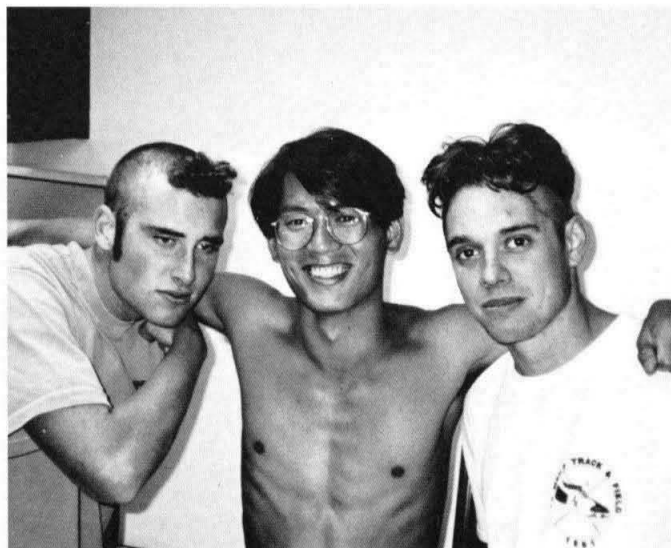
Jessica shares the secrets to her vocal powers with Stephanie, Chris, and Sabrina.



Chris, Nick, and Frees demonstrate the do's of yak shaving.



Jeff M. and Hootan wonder which ones are the frosh.



Jeff D. shares his enthusiasm for spamburgers with the RA's.

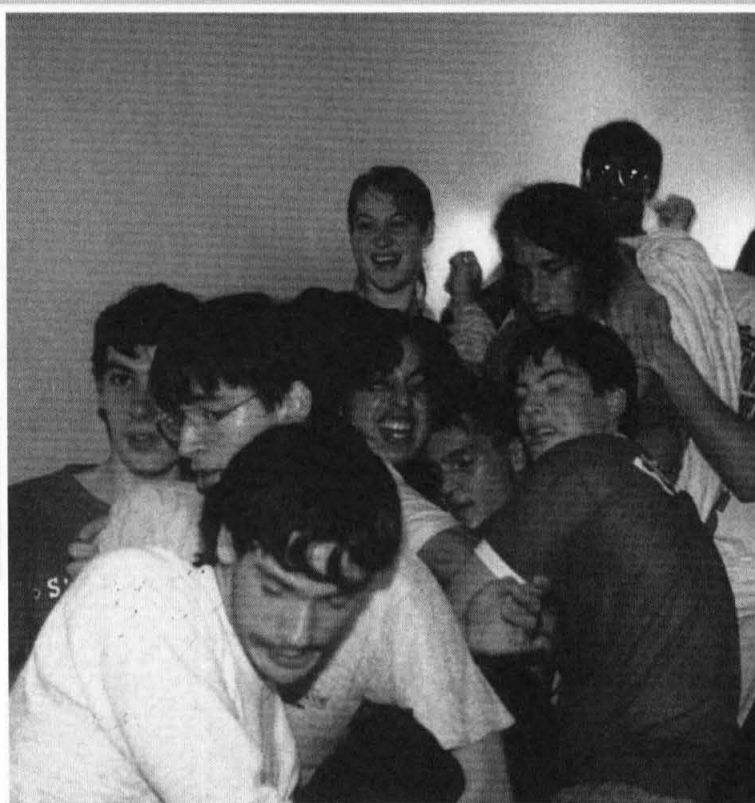
The Wheel of Time turns, the Sands of Fate fall, and Fleming House stood strong for another year. The year began with new Resident Associates, Jim Ostrowski and Liz Price. A strong Rotation resulted in a terrific group of frosh. Celebration of this grand success took the form of song, as we took the frosh on a tour of the other houses to express the joy of being Flems.

Freshmen were quickly introduced to the more civilized side of the house at Formal Meal. The frosh learned about the different aspects of life in the House as Todd Gottula explained the importance of DAPAC and Mark Humphreys read a passage on proper health procedures, Justin

Warner explained the purpose of the Fleming Lesbian and Gay Society, and Eric Loftsgaarden announced the first of weekly games of pinochle with our brothers to the north(pagesux).

Unfortunately, a rude comment at dinner enraged Sean Mauch to the breaking point. He took it upon himself to teach the frosh about unity, courage, teamwork, and trashing Lloydie furniture. The tasks included a tower of toilet paper, meeting new upperclassmen, and fulfilling Sean's latent desire for a pet fish. Sean pushed his luck, however, when asking the frosh to clean the library. Enraged frosh proceeded to show Sean a good time...in Millikan pond.

Due to the kindness of the honored Professor of Chemistry, Nate Lewis, Fleming House Country Club was held in 22 Gates during Ch1 lecture. Following ancient traditions, Flems sat in the back of the class, quietly trying to remember the point of Ch1. At one point, Jason T. Lee hesitantly corrected Nate's diagram (Only four bonds to that carbon, Nate!). The peace was again broken slightly when Rajan Ranga thought he smelled smoke. It turned out to be a false alarm, but we held an impromptu Chinese fire drill anyway, to impress upon the class the importance of fire safety.



How many frosh does it take to wash a toad?

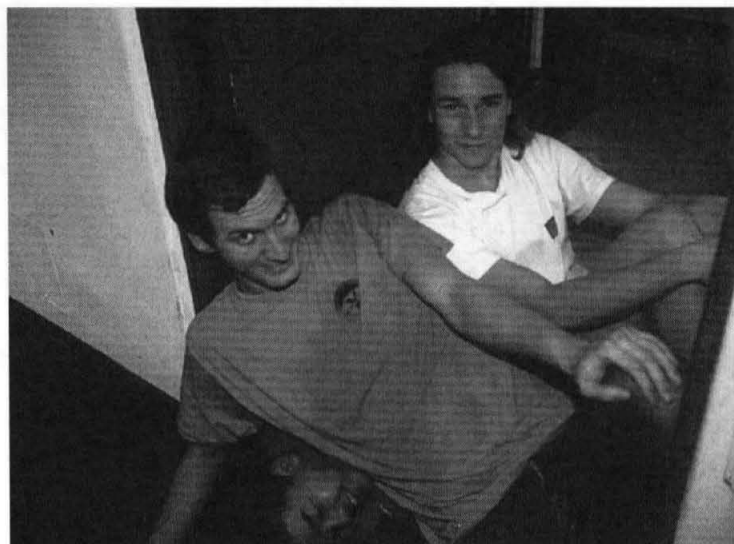


Tigger caught unaware in a gracious bellybutton shot.

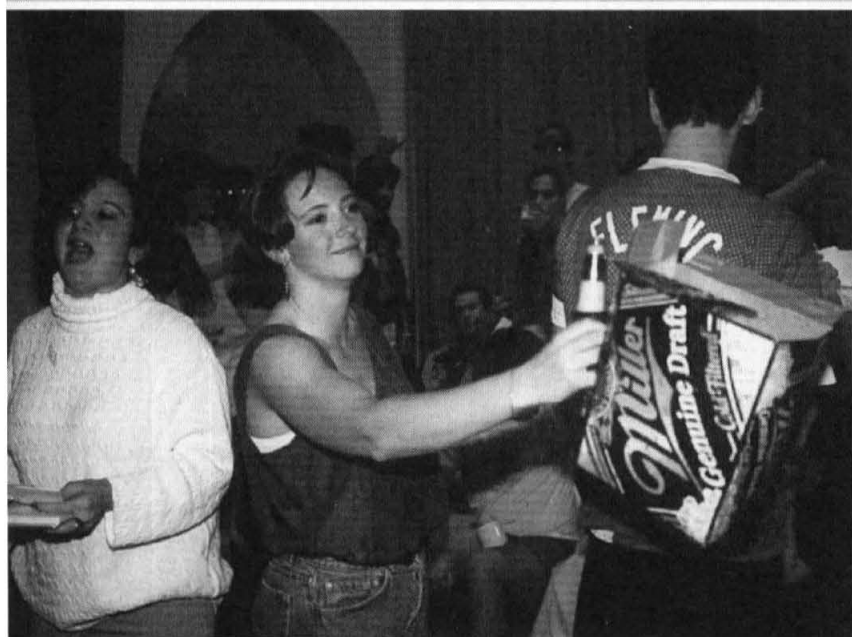
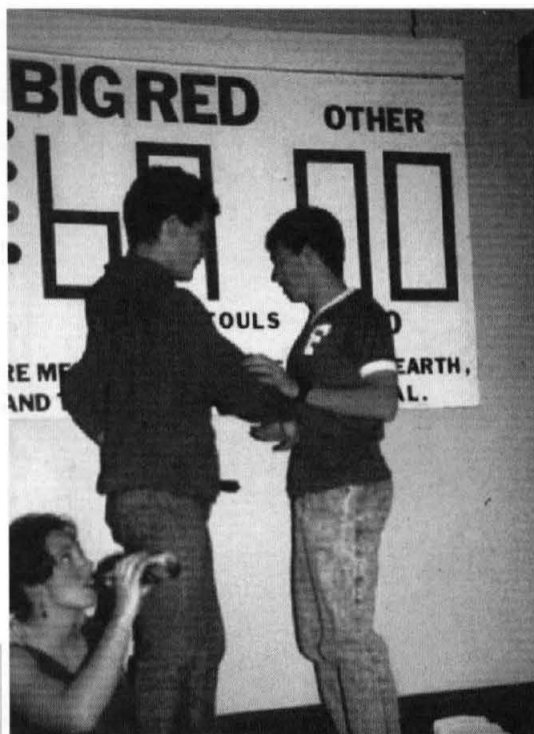
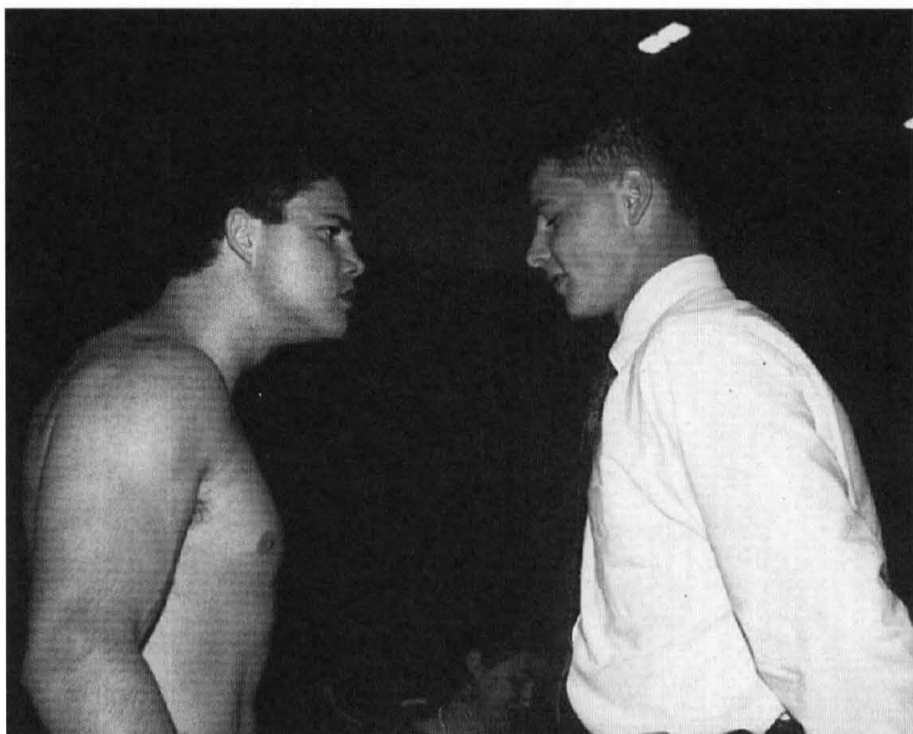
Ken and Donovan enthusiastically demonstrate how to make a Joe sandwich.



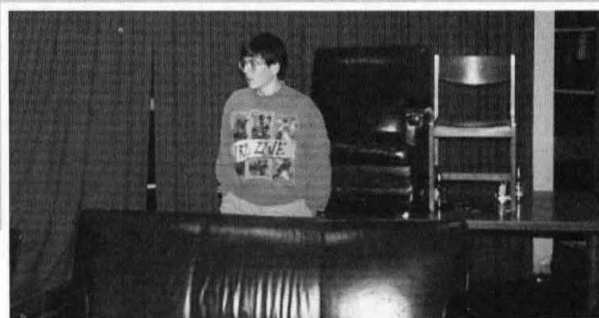
After her tour of Fleming, T is helped back to her room by Cacho and Sandro.







"What are you looking at?!" "Sir! Your nipples, Sir!"  
 Would you kindly right the bell, Mr. President, sir?  
 Taletha collects the ballots in a typical Fleming ballot box.  
 Seth arrives at the appointed time for pies and ice cream. Silly frosh!



# FLEMING

With second term came elections and a new Excomm. New president Eric Loftsgaarden's bell ringing signaled the halfway point of the year, and the beginning of the End for Seniors. David Cacho was elected head waiter, but quickly resigned when he realized the pressures of the job were too much for him.

Stacy Fox's social team put on a series of successful events, including a well remembered Wine and Candlelight. New social team frosh learned from Fox and Soc. 2 Chris Buchner how to carry on the tradition of tremendous social

events.

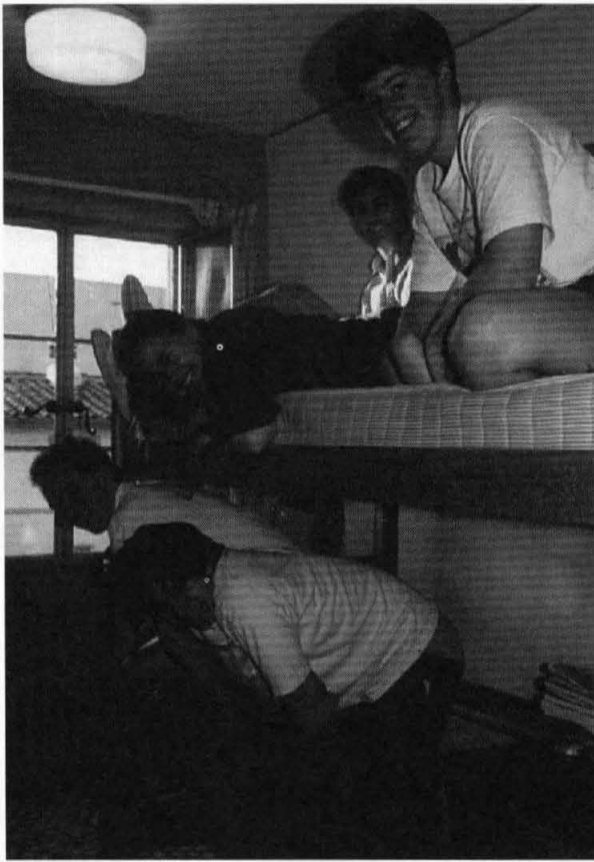
During third term, Steve Greenberg and Brian Cooper's Ath team discovered that Fleming House was undefeated in Discobolus competition in third term, assuring a win of the Trophy. Interhouse was more hotly contested, but Fleming won a few key matches in tennis and football, clinching the Trophy. In celebration of this success was the first Animal Meal in memory (except for Granpa Humphreys).

Ditch Day came as a surprise, yet again. Notable stacks were Jess and T's "Ferris Bueller"

stack, Rich's FBI stack, Spaz and Ingrid's "Tech is Hell" stack, and Michael Smith's grad-student-attracting stack.

1992-1993 was an exciting and triumphant year, marked with grand successes. It was a year when legends were born, a year to look back on with pride. Things were the way they should have been: the frosh knew nothing, the sophomores knew it all, the juniors knew better, and the Seniors knew they were getting the hell out.

# FLEMING



Art, Guido, John Steph, and Tamara all ask, "Where's Waldo?!"



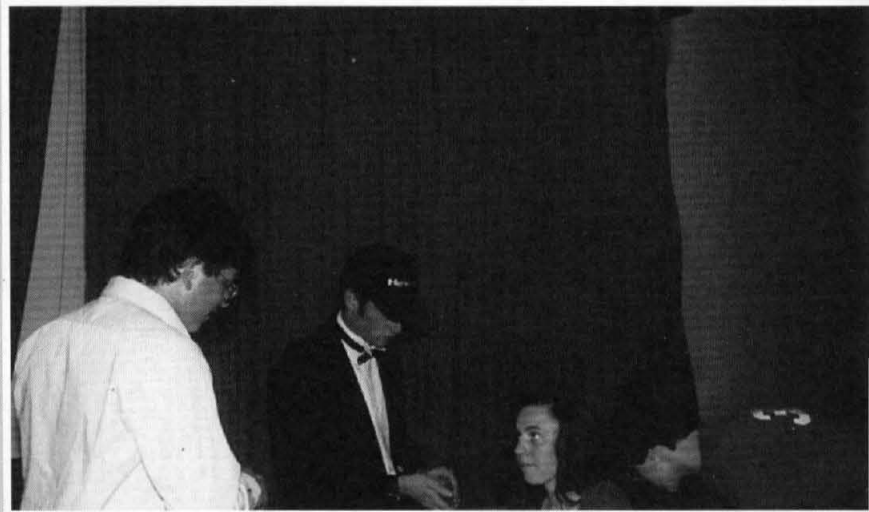
"No, I haven't picked up my money yet!"



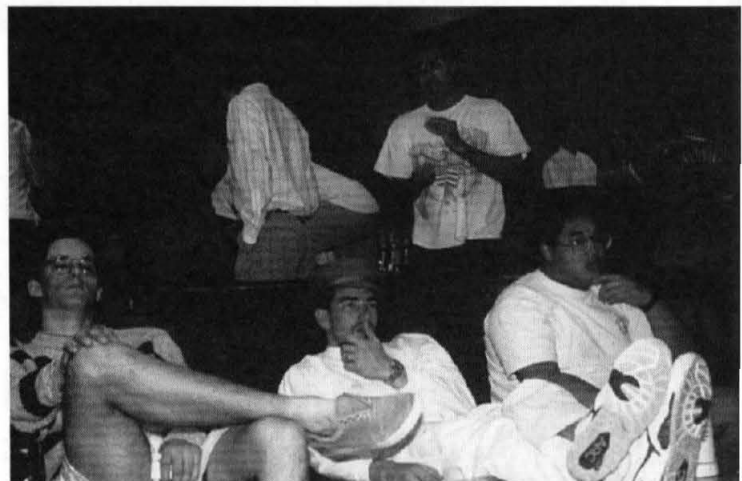
Daniel gets sweet revenge.



SLURP!!!



Art, Matt, and Ingrid — the toilet paper connoisseur.



Sir Essy, Sir Metz, and Brother White, the three wise men of Fleming House.

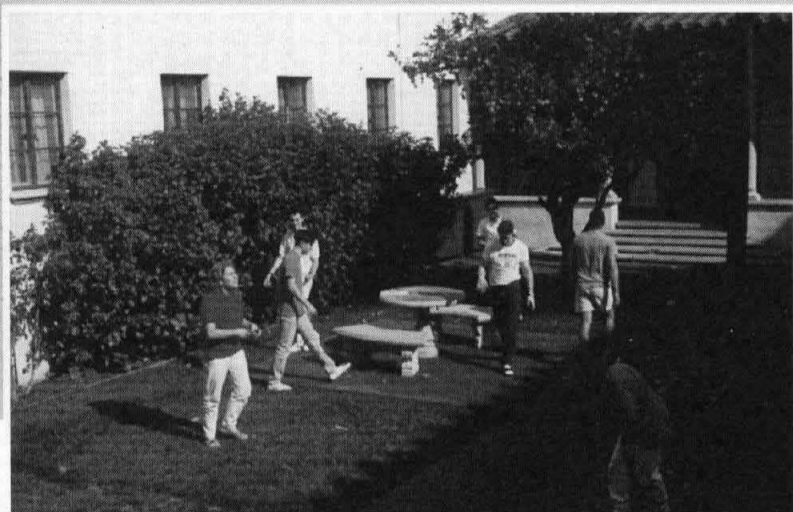




Ann wonders how to operate the roulette wheel.



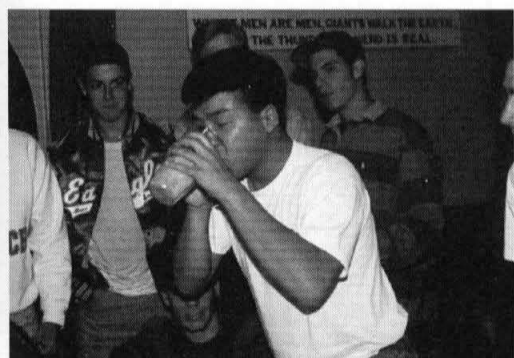
The Flems test the evacuation time of 22 Gates in case of an emergency.



A time honored tradition, pelting Dabney with oranges.



Olé!



Joe has a power breakfast.  
Look Dean, more than 30 Scurves washed  
and not one injury.



# FLEMING

# FLEMING

# FRESHMEN SOPHOMORES

**Back row:** Brian Katon, Jacob Mandelson, Arvindh Krishnaswamy, Justin Howell. **Middle row:** Nathan Scandella, John Naud, Richard Chin, Seth Blumberg, David Stephenson, Roman Muchnik. **Front row:** Stephanie Haussman, Tamara Tulou, Blair Essy, Penny Muir. **Not Pictured:** Vicki Brown, Suzie Bruch, David Cacho, Douglas Elliot, Bryce Engelbrecht, Matt Goff, Victor Hsu, John Hubenschmidt, Brian Kim, Kelvin Kwan, Jason Lee (the other one), Alessandro Pireno, Ann Plotkin, Aimee Quan, Alessandro Spadini, Donovan Stevens, Craig Tanaka, Kathryn Tao, Alex Toth, David Wang, Jon Weselmann, Sabrina Yadzpour, Nam Yu.

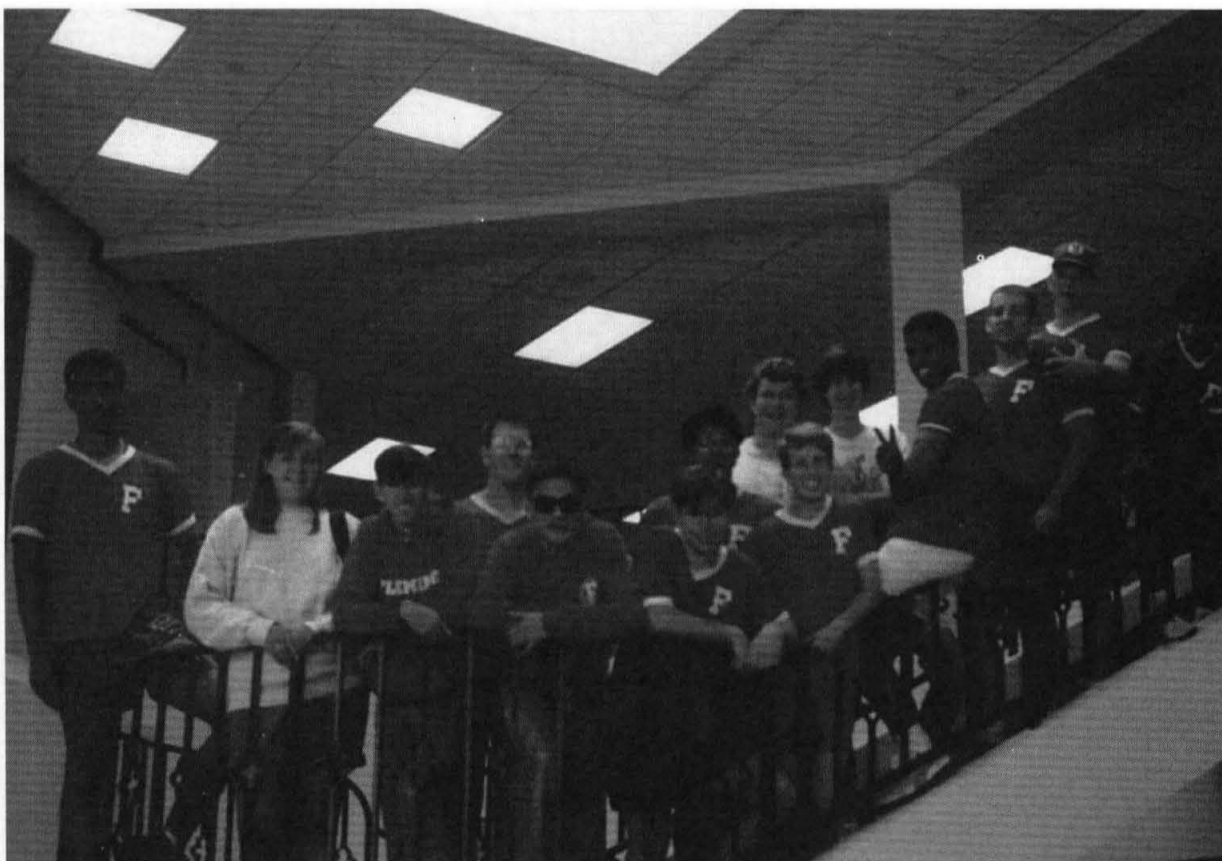


**Standing (l-r):** Sean Mauch, Stacy Fox, Jeff Dickert, Nicky Impert, Chris Buchner, Rajan Ranga, Daniel Chang, David Ozenne, Adrian Hightower. **Sitting (l-r):** Amy Oldenburg, Sharon Grelecki, Paul Kim, Virginie Leeknecht. **Not Pictured:** Abhijit Bhalla, Alan Blaine, Cesar Bocanegra, Ajay Chugh, Brian Cooper, Chandra Das, Ghene Faulcon, Javier Favela, Todd Gottula, Steve Greenberg, Ricardo Hassan, Steve Jilcott, Justin Warner, John White. **Missing:** Colin Humphries.



# JUNIORS FLEMING SENIORS

**On stairs (l-r):** John Parks, Jill Bush, Brian Kjerulf, Roger Moore, Jason Lee (the other one), Jeff Pasquino, Asif Khalak, Forrest Long, Eric Loftsgaarden, Julian Jamison, William Glen, Steve Wilensky, Tim Wachholz, Kay Miyake. **Not Pictured:** Sofia Akber, Hussein Ali, Ned Bowden, Wayne Chen, Wing Cheung, Hootan Hidaji, Greg Howes, David Nichols, Kathryn Sackett, Steve Sandberg, Russina Sgourev.



**In balcony (l-r):** Ken Wiberg, John Briggs, Michael Smith, Mark Savellano, Joseph Chiu, Taletha Derrington, Jessica Nichols, Rob Underwood, Jennifer Mullin, Rich Baltzersen. **Not Pictured:** Shantanu Ambastha, Sonny Arcilla, David Banks, Jessica Barnett, Alice Chan, Ingrid Choong, Brian Donning, Erik Edelberg, Vicken Etymezian, Jessie Haldeman, Steve Hoekstra, Mark Horng, Mark Humphreys, Yu-Chien Kuo, Justin Lawyer, Owen Lee, Jeff Martin, Mark Mazurek, Areez Mody, Ted Palmatier, Nick Porsinsirak, Geoffrey Wiersema, Ren Wu.

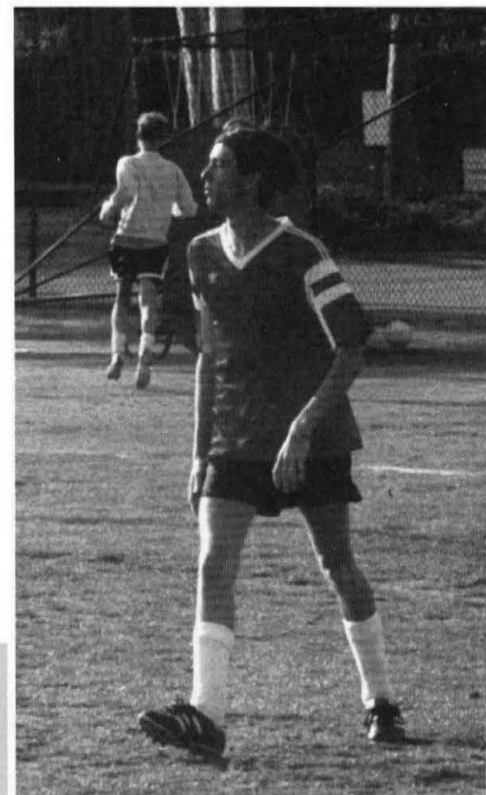
Fleming started off the year in Discobolus with a win in soccer over Ruddock and followed up the next week with a volleyball win against Dabney. The Big Red Machine then came up against its biggest challenge, tennis vs. page. After some outstanding strategic planning, Fleming came off the courts with a 3-2 victory. Ten wins and two terms later, Fleming's reign over the now engraved Disco trophy ended with a loss in soccer to the pageboys on April 18.

Along the way, we had some great contests. First term ended with a demonstration of Flem-

ing's football prowess in a 34-12 win over Ruddock. Second term began with a 10-4 victory over page in water polo (great game Chris). The most memorable Disco contest of the year came on January 24 as the Big Red Ultimate Machine took on the Lloydies. Nearly three hours later, we crawled off the field with a 17-16 hard fought victory. Two weeks later, a win in softball over Ricketts clinched Discobolus.

Congratulations to everyone who came out and played and thanks to those who came to watch Fleming House. See you next year.

Brian Cooper



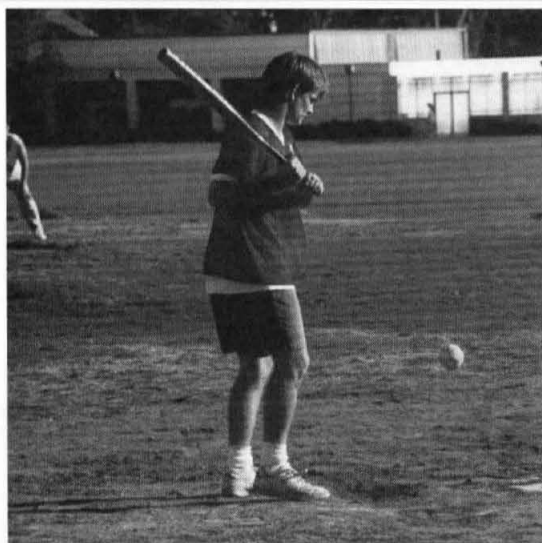
Stick wonders where the ball went.



Wesselmann makes sure that his opponent doesn't get the ball.



Justin tries to break the sound barrier at the track.

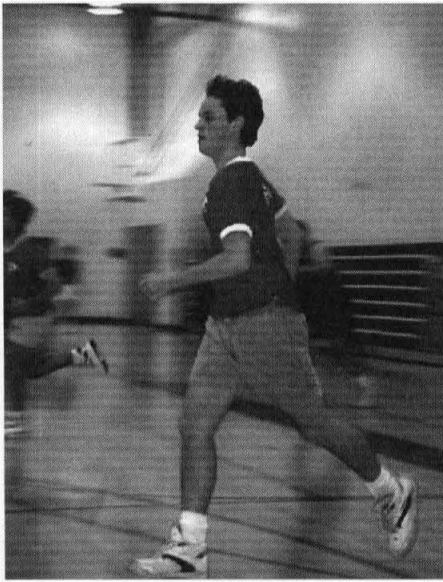


"Why am I holding the bat? What is the ball doing here? Why am I here?" wonders Jim.

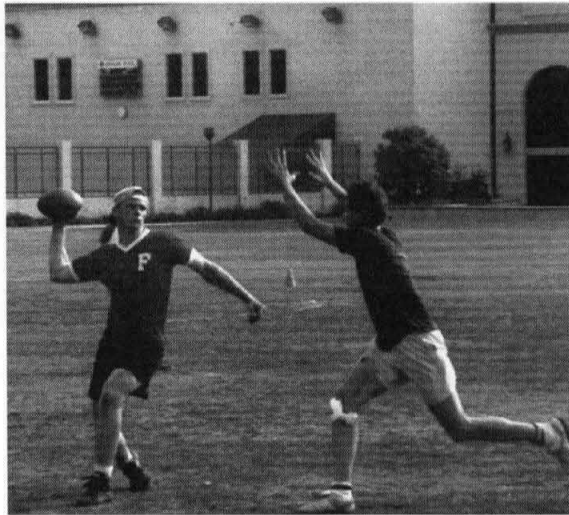


Sonny is undaunted by his opponent.

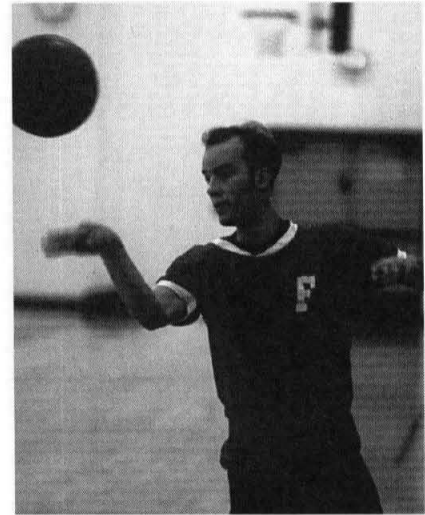




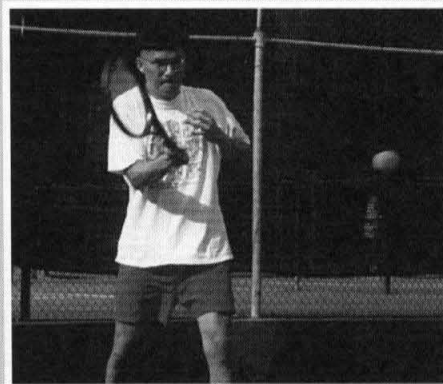
David flies through the air in basketball. Jason thinks to himself, "keep my eyes on the ball."



Tim gets ready to throw in the memorable football game against page. "That ball is MINE!" exclaims Sean.



Todd shows off his basketball skills. Donovan playing polo, 'nuff said.



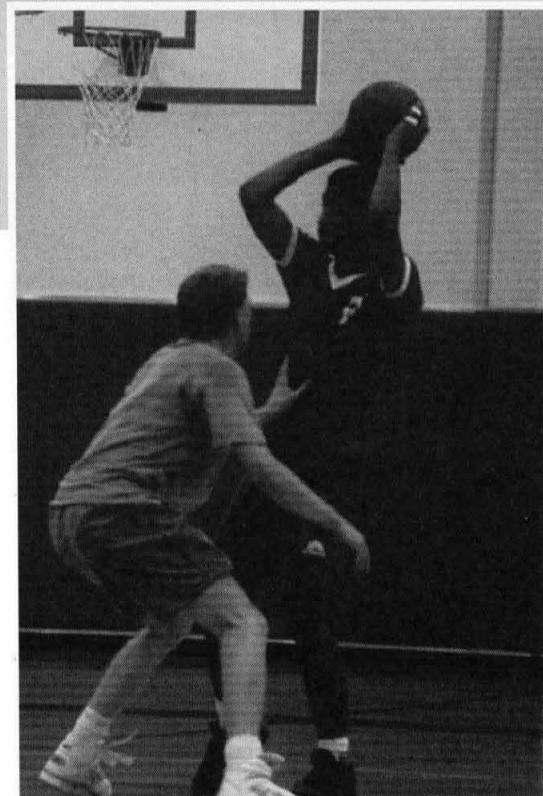
Twelve to six. The game will never be forgotten. Interhouse came down to the Fleming vs. page football game on May 20. Over 60 Flems showed up and proudly displayed their house spirit, and loved what they saw. Tim Wachholz's pass to John Parks with only 29 seconds left in the game gave us victory and the seniors their first Interhouse. Congratulations and on to Animal Meal.

It all started back in October, as we finished 4-1-1 in softball, winning games by scores of 20-4 and 20-10. We also took second in soccer at 5-1. Watching Bryce score at will was entertaining indeed. Fleming dominated the swim meet with 173 points as 13



people qualified for finals and captured 27 places. We finished 5-1 in Ultimate after dropping the first game but rebounded with an outstanding victory in the track meet, scoring 139 points. Fleming's women ruled their events, scoring 49 points in a terrific effort. The enthusiasm carried over into volleyball where the Big Red Machine capped an undefeated 6-0 season with a thrilling 15-12, 17-16 win over page. We finished second at 5-1 in basketball and went 4-2 in tennis, good enough for a second place tie and setting up the final showdown.

Brian Cooper



"You think that you can get the ball away from me?!" says John.

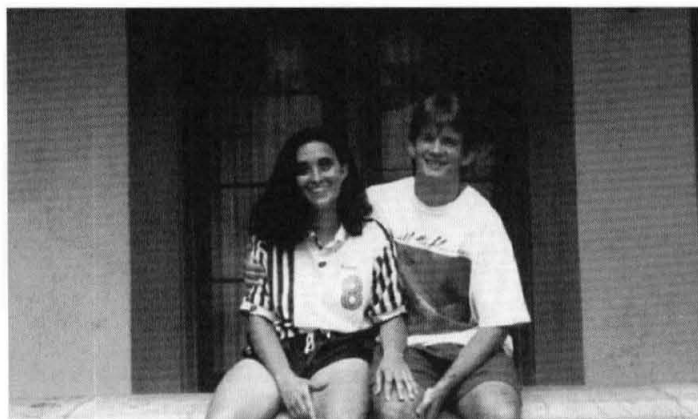
# FLEMING



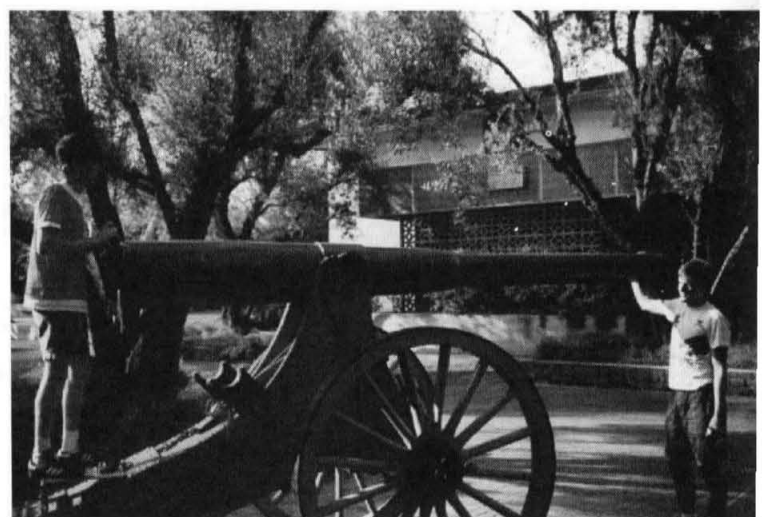
**Ath team:** (back row) Stephanie Haussman, Tamara Tulou. (Front row) John Naud, Brian Cooper (Ath 1.5), Steve Greenberg (Ath 1.5), Bryce Engelbrecht.



**Social team:** (l-r) Christopher Buchner (Soc 2), Stacy Fox (Soc 1), Penny Muir, Brian Katon, Nathan Scandella, Ann Plotkin (not pictured).



**Resident Associates:** Jim Ostrowski, Liz Price







## FLEMING

### 1993 Fleming House Officers

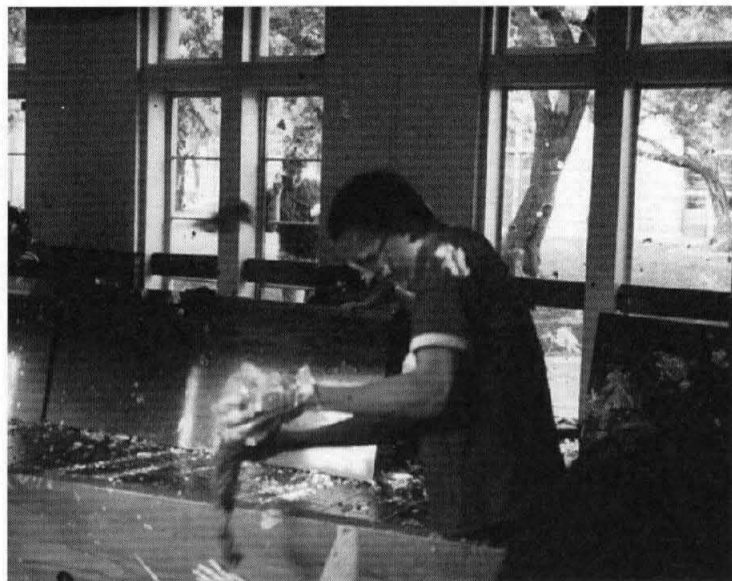


President: Eric Loftsgaarden  
 Vice President: Jeff Pasquino  
 Secretary: Forrest Long  
 Treasurer: Jason T. Lee

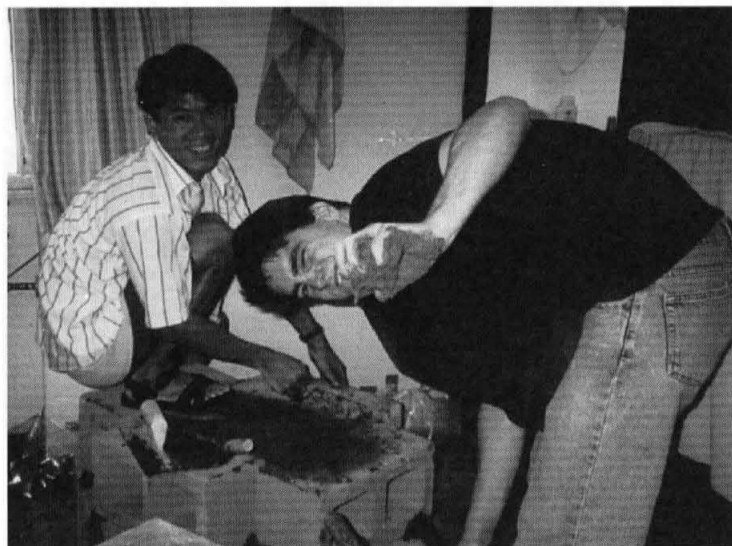
Historian: Rajan Ranga  
 Cannon Master: Brian Kjerulf  
 BOC Rep: Vicki Brown  
 Food Rep: Tamara Tulou

# ANIMAL MEAL

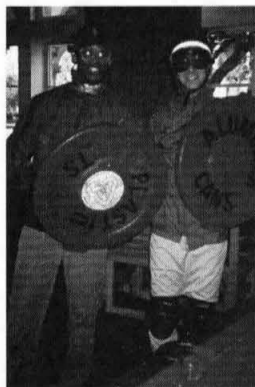
FLEMING



Nick and Spaz prepare for their Ditch Day stack.



Ingrid and Rob relax in the lounge after a hectic day.



Fish bites man. Film at eleven.







The cart of death on a path of destruction.



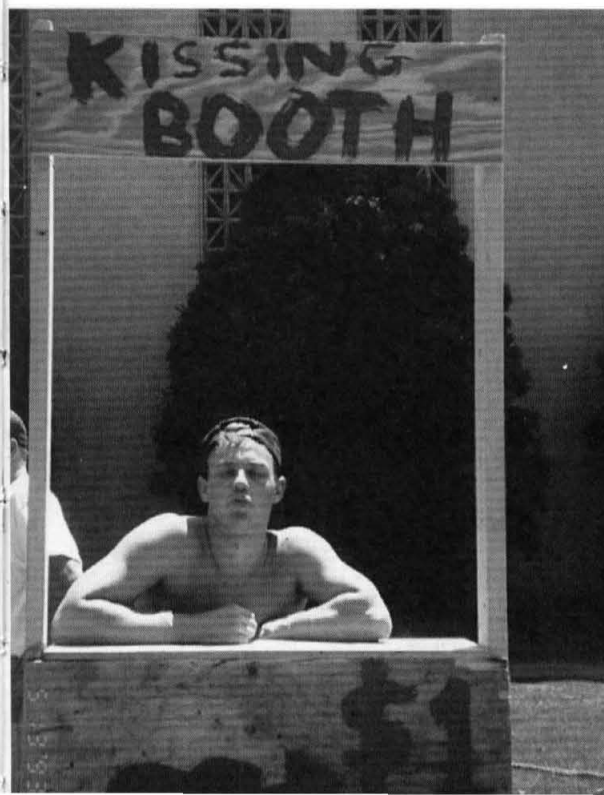
Sharon and Stacy take time to pose for the camera after a busy ditch day.



Hmmm. . . Can't argue with that.  
Greg Howes says, "Pucker up!"



Steve and Stephanie make sure that the calf is well cared for during ditch day.



# FLEMING

## Fleming House - 1992 - 1993

Section Editor: Rajan Ranga

Assistant Editor: Stephanie Haussmann

Copy: John White, Brian Cooper

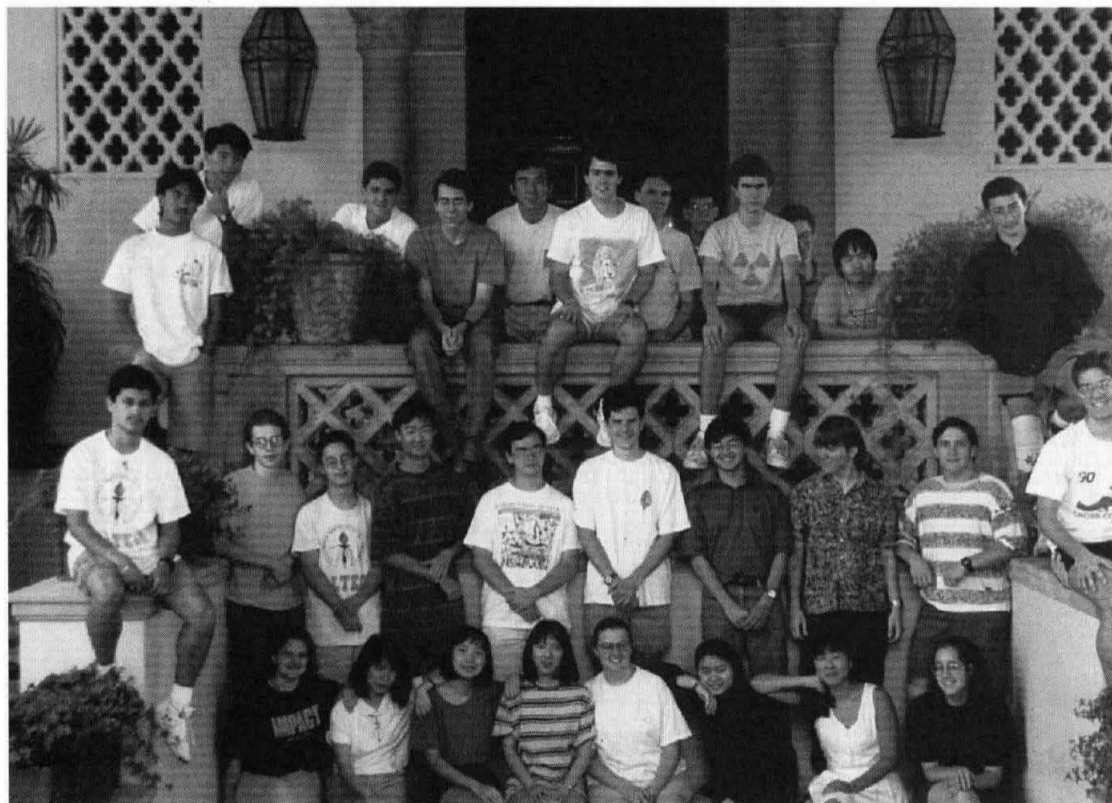
Photographers: Rajan, Stephanie, Jeff Dickert

Joseph Chiu.

### Go Big Red!!

Thank you Stacy and Christy for being patient with us.

# ESTABLISHED LLOYD



**FRESHMEN** Back: Sanjiv Shrestha, Jason Kuan, Nestor Ocampo, Andy Monroe, Soon Ghee Chua, Nathan Weller, Jeremy Darling, Alex Simon, Walter Briskin, Jordan Hague, Hunyue Yau, Anatole Faykin. Middle: Jose Hurtado, Zoltan Somogyi, Eugene Grayver, Charles Lee, Tom Maccarone, Brian Winters, Mitsuo Kobayashi, Mike Agney, Jeff Mach, Bob Keeney. Front: Sara Russell, Inn Yuk, Jian Zhang, Tiffany Lee, Jane Brock, Thanh-Nga Tran, Hope Chang, Alison Sopher Not Pictured: Robert Chapman, David Richard, Brian Riley

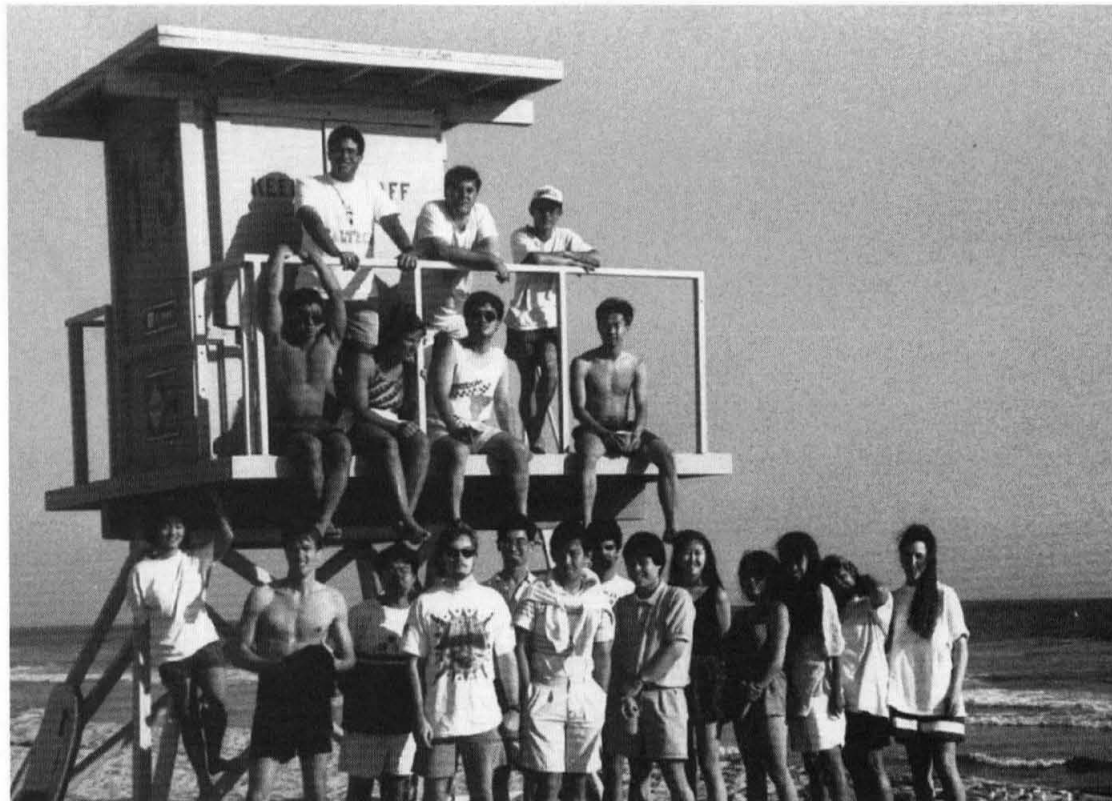


**SOPHOMORES** Front: Pilar Perez, Hsun-hua Chou, Kay Saipetch, Janice Lau, Jun Yang, Steve Skovran, Lesley Priester, Ginger Garcia, Heather Gibble, Magnus Hedlund. Middle: Tom Zavisca, Greg Davis, Charles Sharman, Eric Slayback, Martha Arias, John Baker, Tommy Smith, Mike Pawson, Andrew Maskiell, Attma Sharma, Anthony Gonzalez, Rohit Khare. Back: James Holton, Farid Khan, Anton Ryzhov. Not Pictured: Alix Chen, Mike DeBar, Tuan Hoang, Lanny Hsieh, Linh Liu, Ben McCall, Amy Pemberton, Theo Seales, Thanh Truong, Scott Van Essen, Liann Wong.





**JUNIORS** Karen Shih, Christy Esau, Brian Landy, Hyong Lee, Albert S. Lee, Lavar Moore, Doug Rowland, Dan Rudisill Standing: Keith Schneider, Mike Clemens, Deb Martin Not Pictured: Wendy Belluomini, Peter Carlin, Shaun Carstairs, Hung Fong, John Haba, Ted Kanamori, Sanza Kazadi, Frances Kim, Vania Lee, Dan Millward, Lisa Moesker, Mike Mulqueen, Sonny Nguyen, Don North, Shiyin Siou, Craig Smith, Brent Travis, Tani Wallach, Chris Ward, Sam Webb.



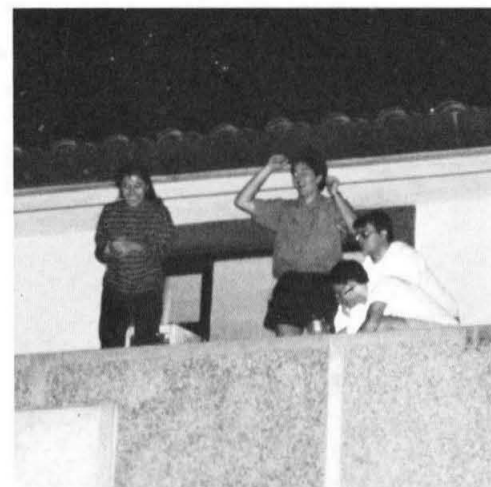
**SENIORS** Back: Ernesto Escorcia, Joe Lauer, Jeff Koshi. Sitting: Victor Lee, Jen Remine, Dan Kim, Mark Son. Front: Melinda Au, Robert Rickenbrode, Jae Kyung, Tim Crowder, Francis Chong, Jong Lee, John Stamm, Martin Lin, Audra Meng, Yuka Yonebayashi, Diane Wong, Swathi Ganaraj, Ina Brenneise Not Pictured: Chris Alexander, Bang Dang, Chris Dunn, Dave Jeitner, Albert N. Lee, Roy Lee, Yvonne Liu, Adrienne Miller, Jong Moon, Eddie Murakami, Joyce Ng, José Perez, Jim Radford, Miran Rhee, Dan Sandoval, Aimée Smith, Maria Toronto, Helen Tsai, Jennifer Yu.

# LLOYD HOUSES

# FROSH WASH

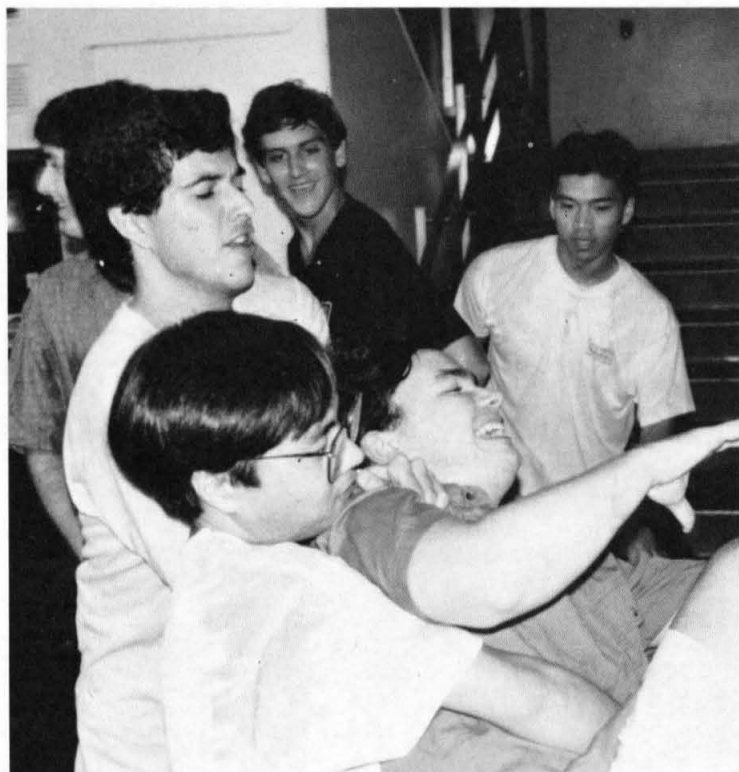
Upperclassmen continue the tradition of welcoming the freshmen with open and wet arms.

Jun Yang, Dan Rudisill, Mike DeBar, and Aaron Clements drop water balloons on the unsuspecting



Alison Sopher is greeted by Jen Remine, Jun Yang, and Thanh Truong.

Tom Maccarone catches a wave with help from Hyong Lee, Mike Pawson, Nestor Ocampo, and Jason Kuan.



Tom Maccarone gets engulfed by Ted Kanamori, Ernesto Escorcia, Mike DeBar, and Victor Lee.

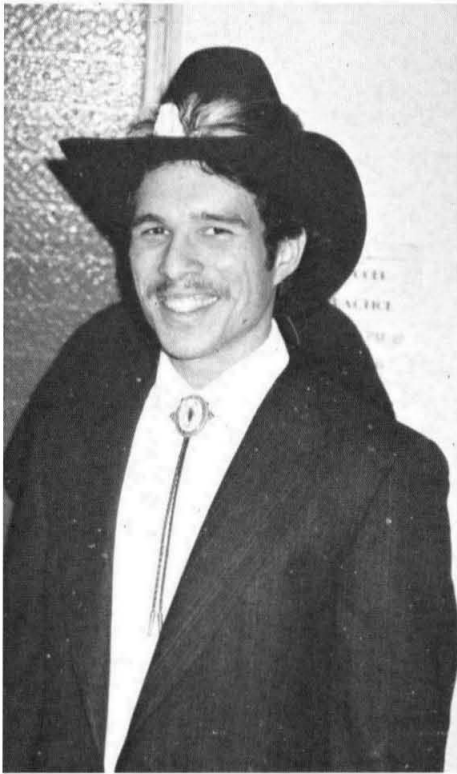


John Stamm, Ernesto Escorcia, Son Nguyen, Keith Schneider, Roy Lee, Mike DeBar, Janice Lau, Chris Ward, Dan Rudisill, and Thanh Truong.



# FORMAL DINNER

Mike Mulqueen struts his stuff.



In celebration of Fingal's 32nd anniversary, Lloydies sat down to a formal dinner on Nov. 9, 1992.

Dan Sandoval and Francis Chong prepare a culinary masterpiece.



Jane Brock and Alison Sopher smile for the camera.



Lavar Moore — attentive maitre'd



Marcia Li enjoys the festivities.

# PUMPKIN CARVING

Sara Russell, Walter Briskin, Jun Yang, Jane Brock, and Janice Lau at work on their pumpkin.

Mike Pawson, John Baker, and Mike DeBar perform delicate surgery on their patients.

Craig Smith, Jordan Hague, and Soon Chua discuss the implementation of their design.



Nestor Ocampo imitating Norman Bates.

Lavar Moore, Jeremy Darling, Mark Son, Anatole Faykin, and Jong Moon try to get the pumpkin to spill its guts.







# CHRISTMAS PARTY

Jong Lee, Martin Lin, Yuka Yonebayashi, Dave Townsend, Jen Remine, and Dan Sandoval (standing) Son Nguyen, Thanh Truong, Sandip Trivedi, Thanh Tran, Christy Esau, James Holton, Jeremy Darling, Jen Yu, and Jun Yang.

Jen Yu gets an orange and a V-8 from Santa (Joe Lauer) and his helper Karen Shih.

Martin Lin unwraps a Little Mermaid paper doll set from Santa.

Jen Remine overwhelms Santa as Karen Shih looks on.



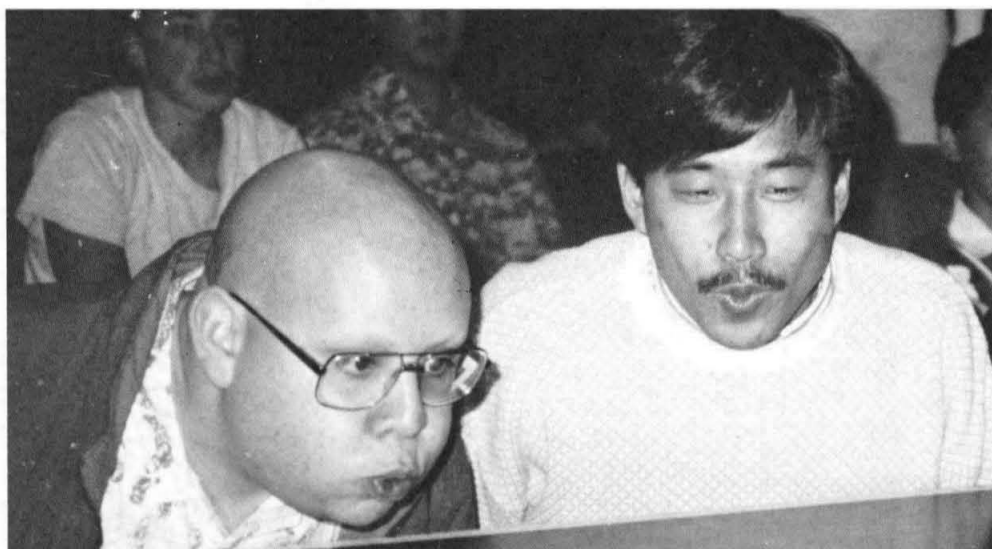
Jong Moon, Craig Smith, Victor Lee, and Mark Son enjoy the food.

Ernesto Escorcía gives Santa a thank-you hug.

# BLOW PONG

Lloydies participate in the much anticipated annual alley challenge. . .

John Baker and Roy Lee combine their efforts.

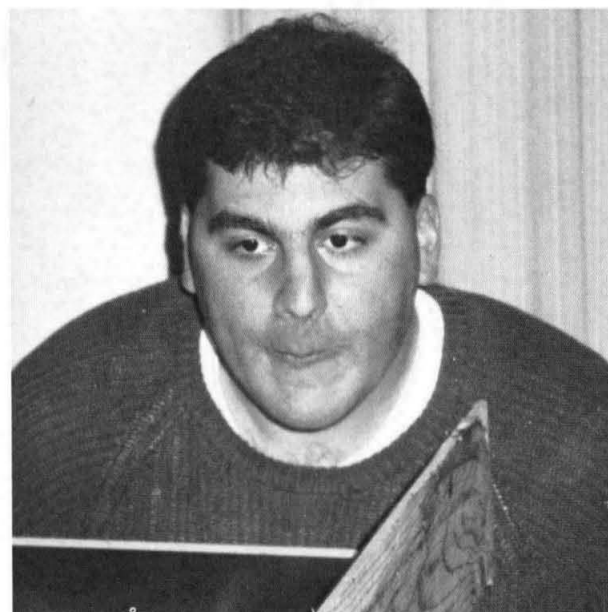


Eugene Grayver, Sara Russell, Janice Lau, and Melinda Au blow with all their might.

Jong Moon and Mark Son want Anatole Faykin to pay more attention to the game.



Jong Moon and Anatole Faykin are confident of their abilities.



Joe Lauer in intense concentration.



# LLADIES' NIGHT OUT



Shubha Tole practices the Tango with the lamp.

Ginger Garcia, Heather Gible, Jill Bush, Maria Toronto, and Jen Remine.

Christy Esau, Jen Yu, and Hope Chang paint the town red.



Melinda Au, Vania Lee, Maria Toronto, Aimee Smith, and Jen Remine.

Inn Yuk, Hope Chang, Thanh Tran, Tiffany Lee, and Sara Russell — frosh women taking over.

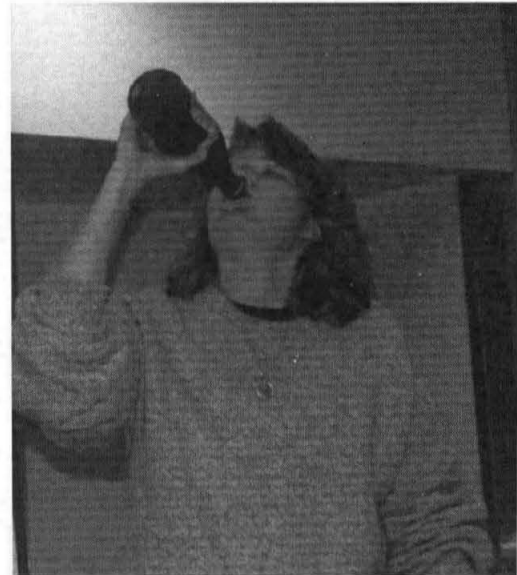
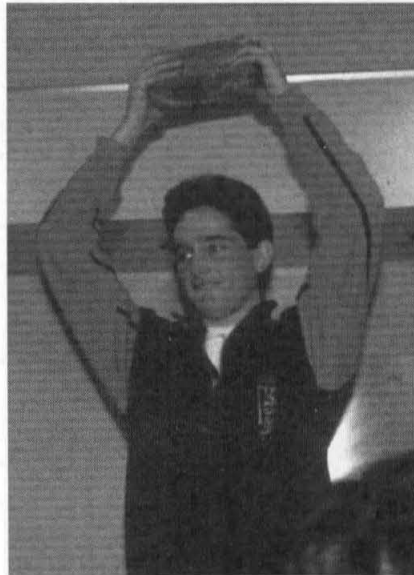
# ELECTIONS

Sophomore women place their bets against Eric.

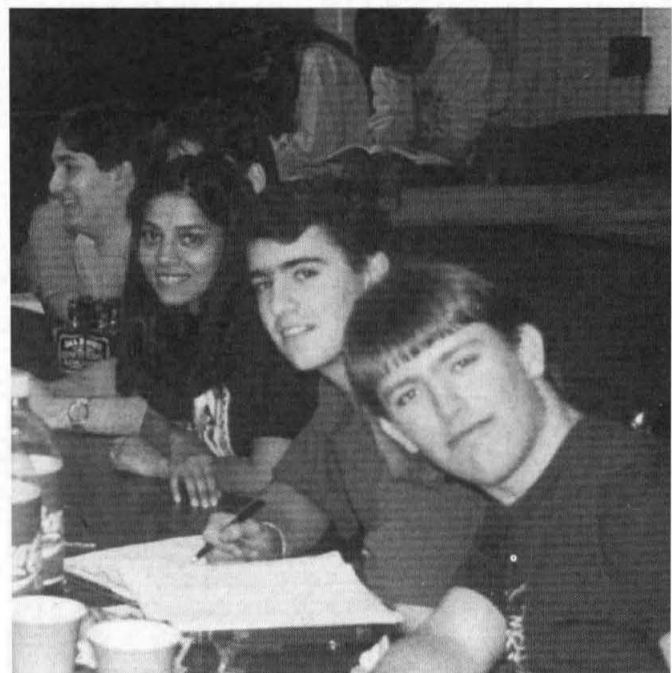
Cottage Cheese does a body good.

Eric prepares to smash the brick over his head.

Chug it, Lisa.



Nestor and Andy search for Mike, Nathan, Shubha, and Craig's chin.



Mike, Nathan, Shubha, and Dan toast the new ExComm.



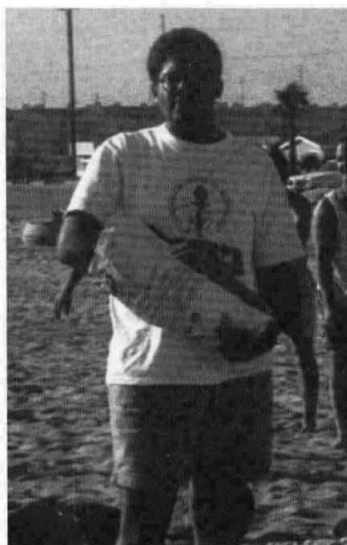
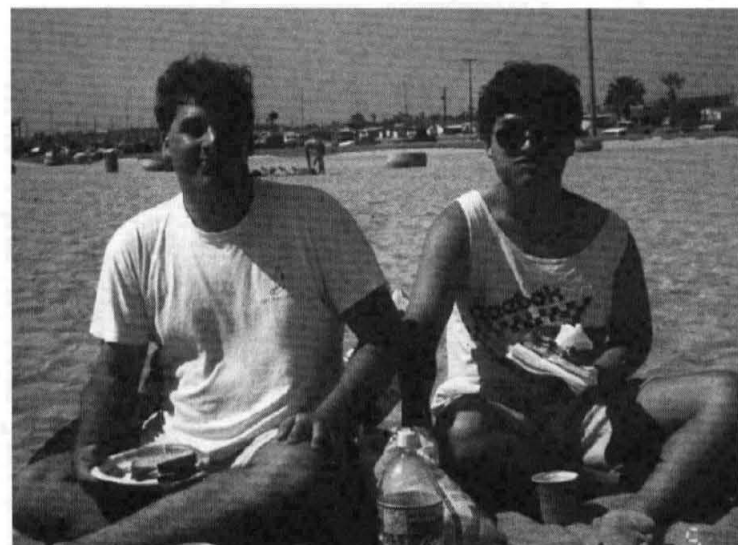
# BEACH TRIP



Lloyd House wants you!

Man, I hate the taste of sand in my sandwich.

A stitch in time saves nine for Francis.



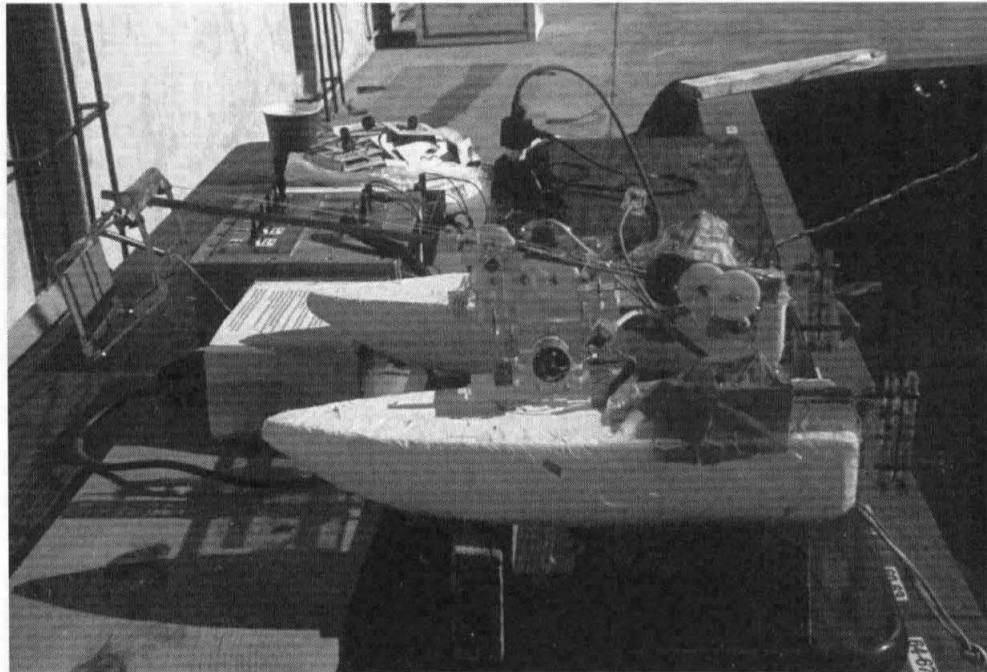
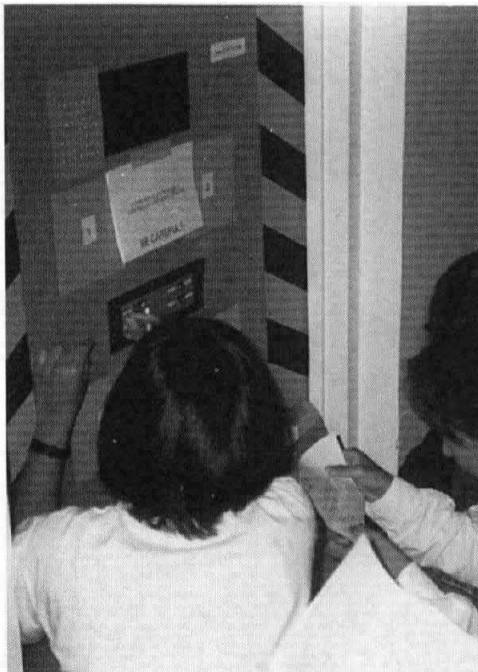
Let's play see-food!

Dan and Joe went to the beach. It was okay.

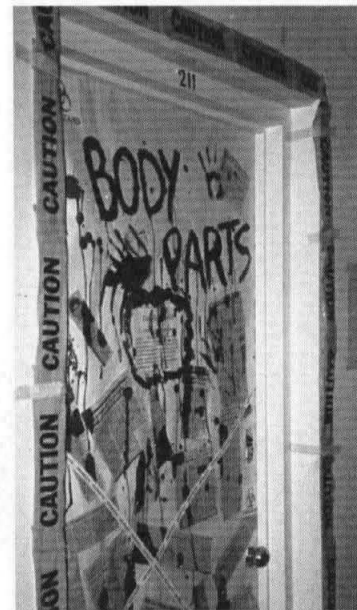
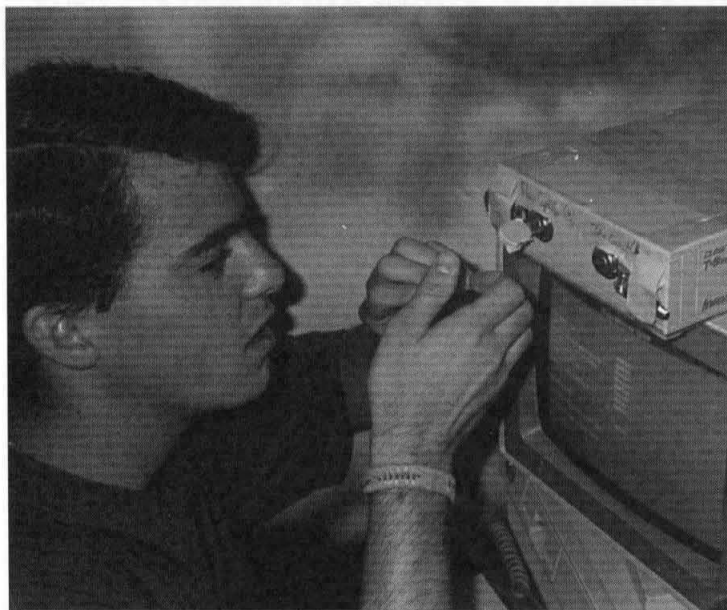
Hey, go find your own bag of chips!

# DITCH DAY

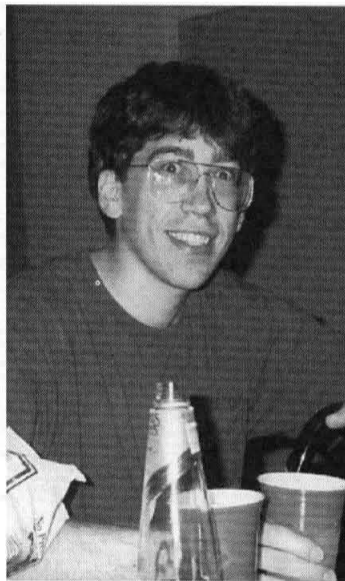
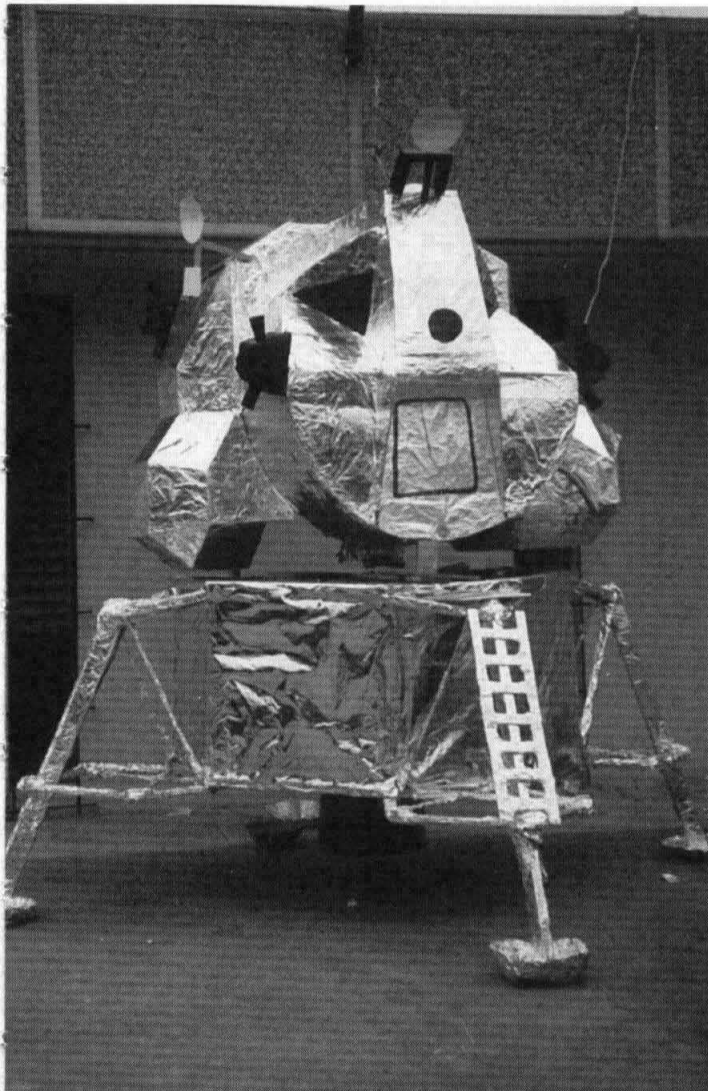
The D.O.G. Stack accommodates a record 24 eager underclassmen. Be Carefull! Fearless homemade vessels of the D.O.G. stack are ready for the plunge.



Nathan tries to save Rob from the biggest mistake he ever made. The Body Parts stack was not for the weak of heart.





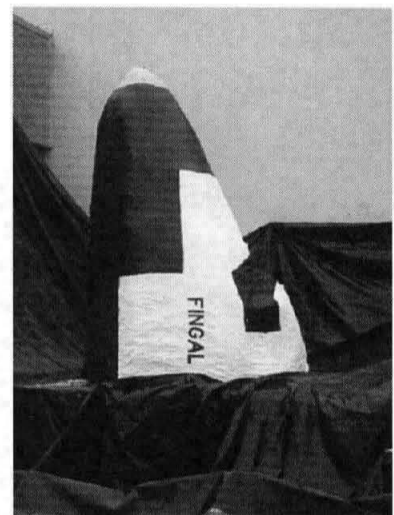
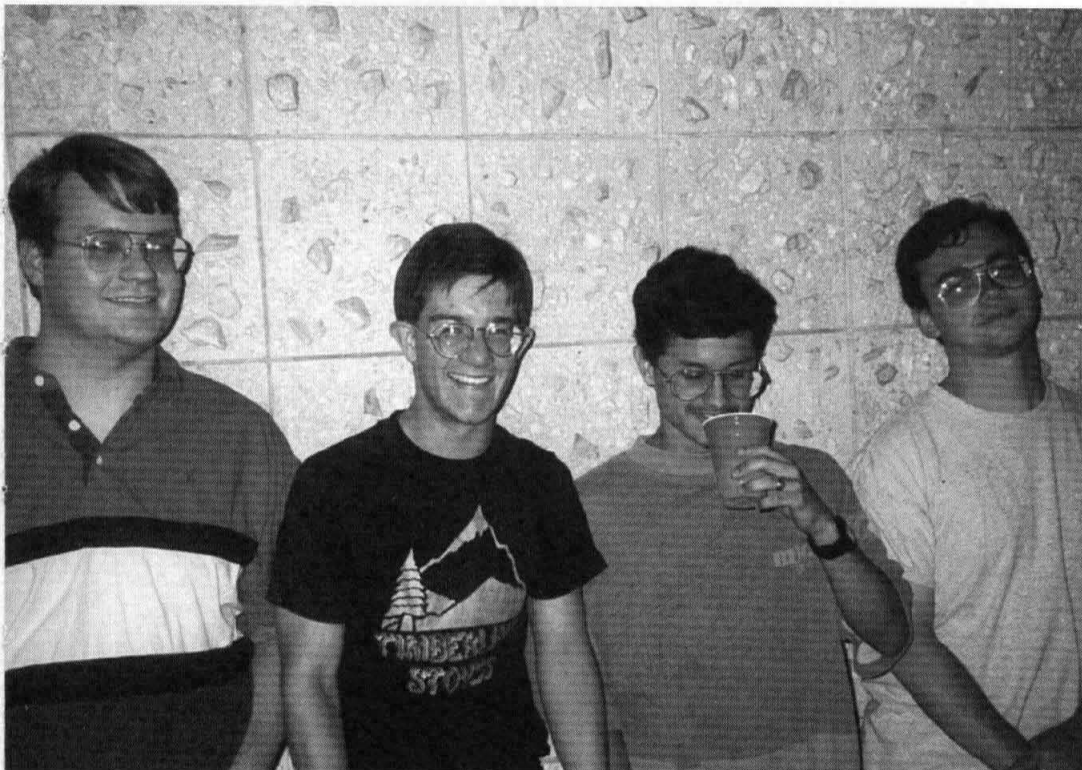
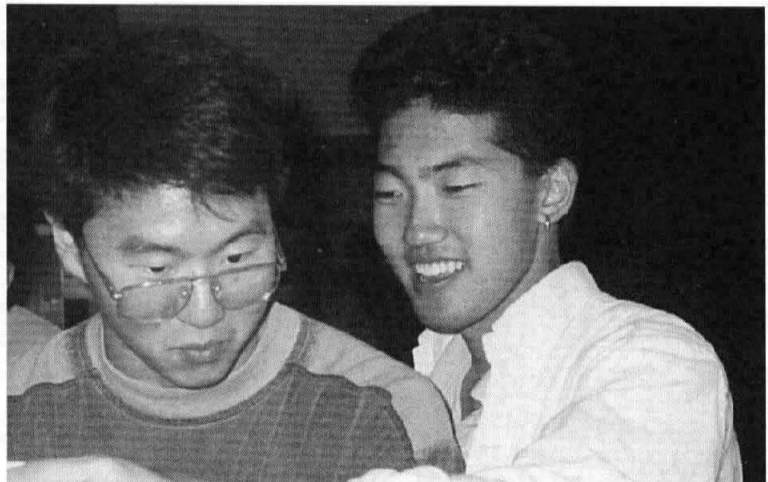


# PARTY

And we have. . . touchdown.

Cheers, Doug!

Gimme my beer!

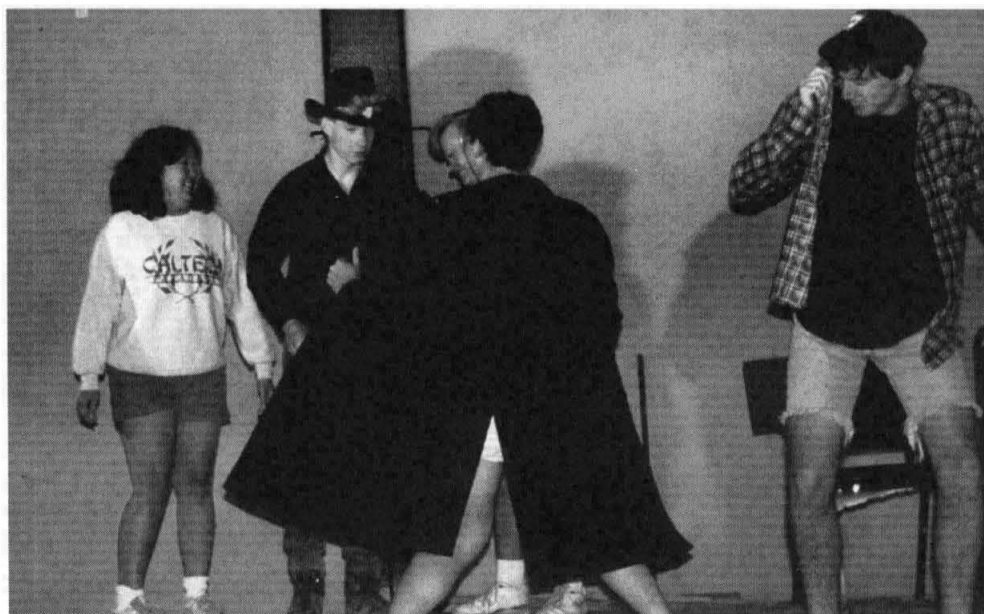
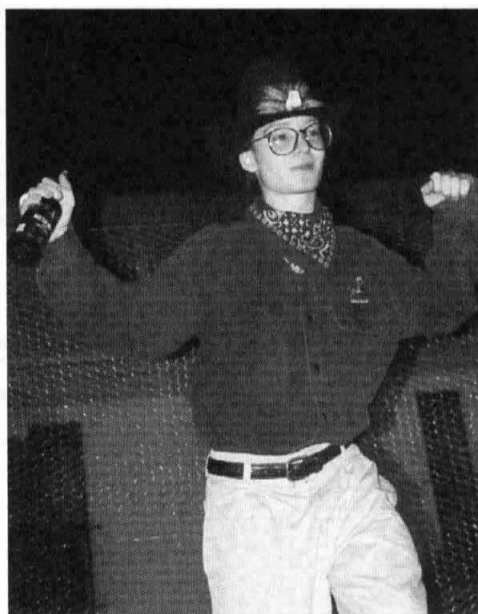
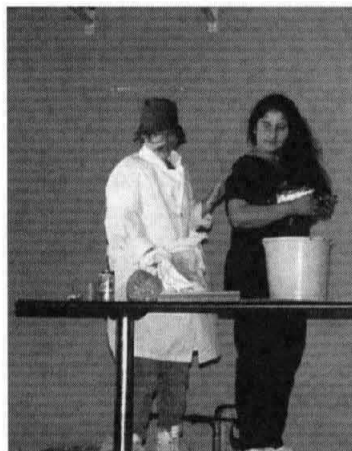


Space Shuttle Fingal in all its glory.

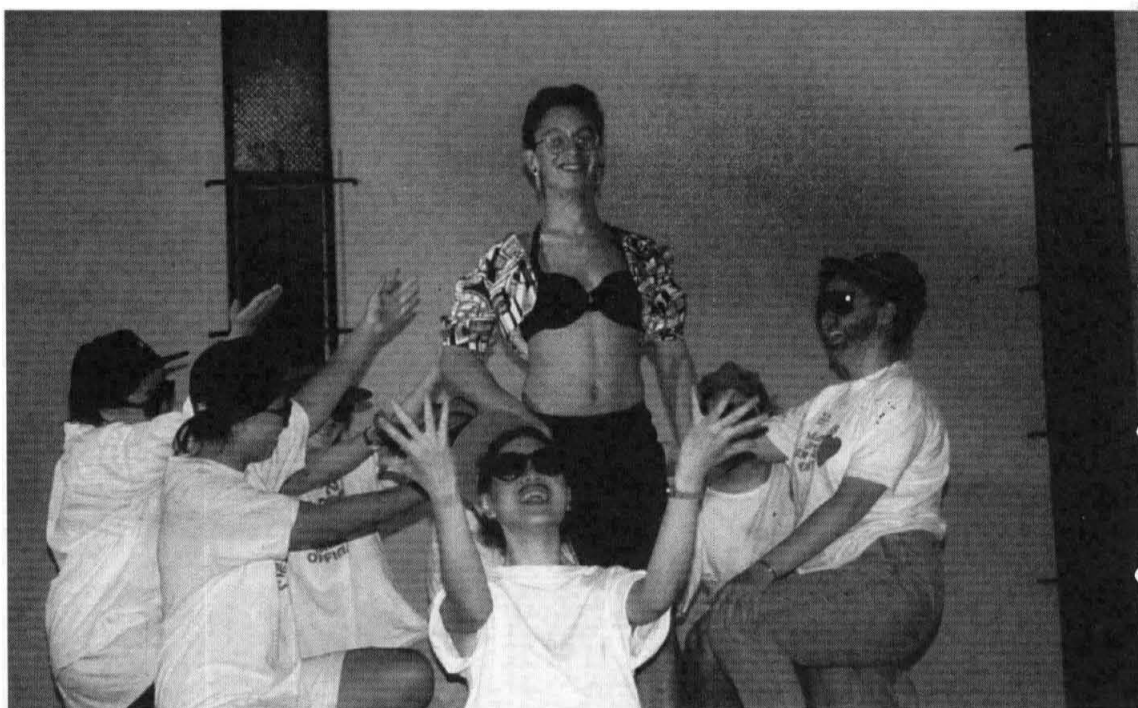
Lloydies. . . up against a wall but having fun.

# AIRBAND

Maria helps Martha out with the Madonna titsling. The legend of the Blues Brothers — Rawhide V.I. style.



Jordan struts his stuff to the tune of Rawhide. Kaos' flashing Tom takes home the blue ribbon. There ain't nothing like a Eugene.





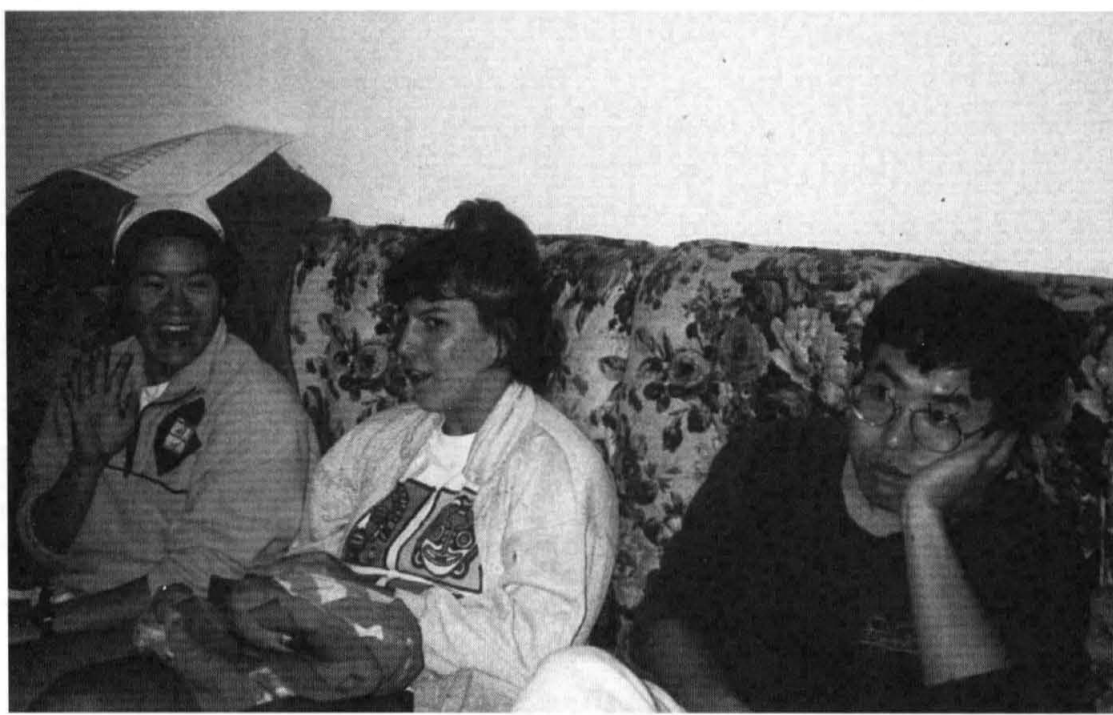


OC serves it up at Tournament Park

Bang it, Dan, Bang it!

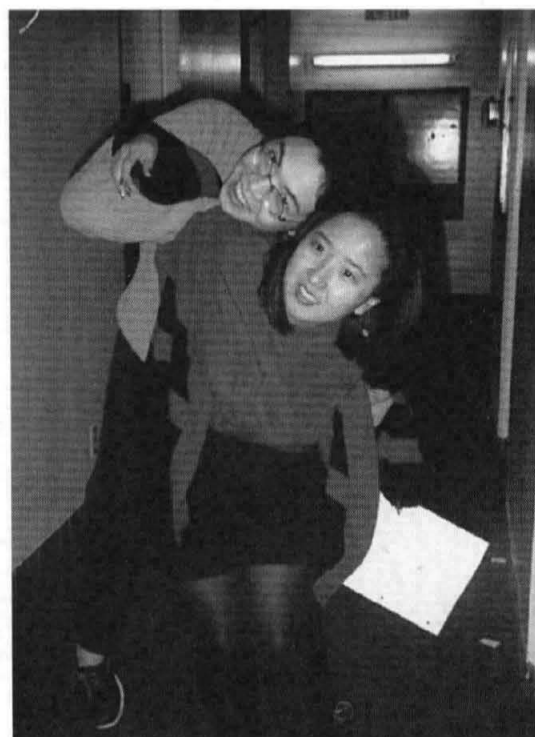
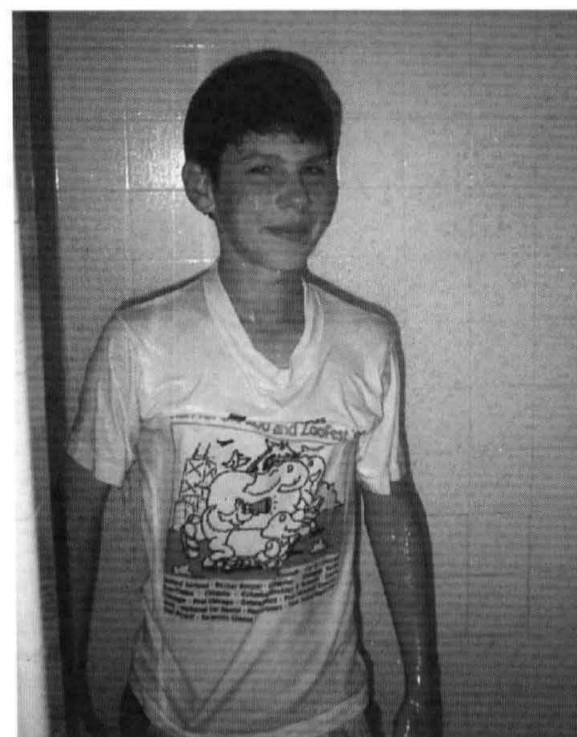
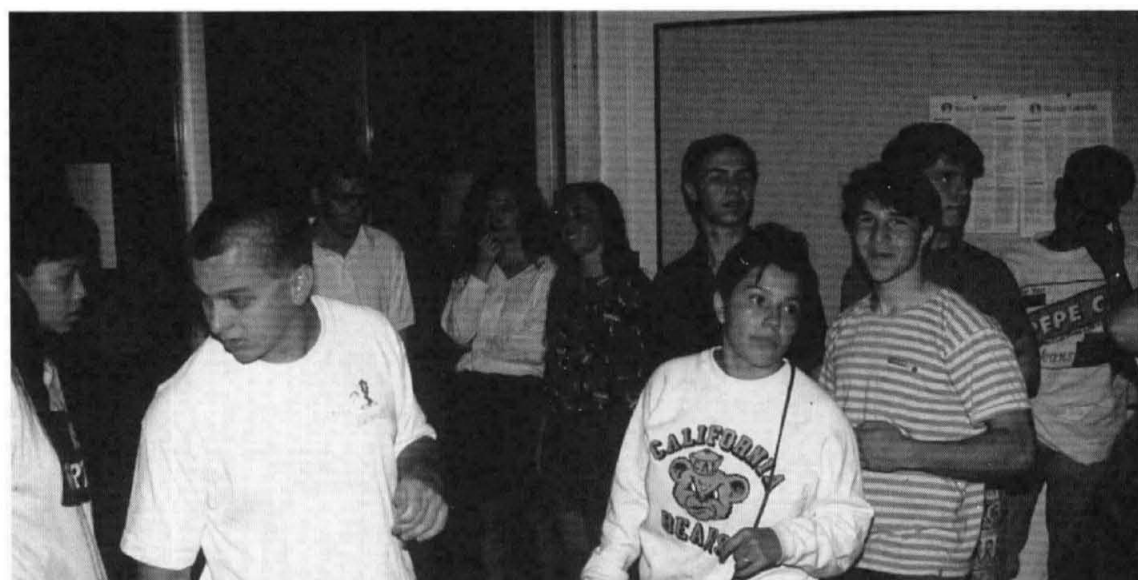
Surfin' Stud Sonny catches a wave in Purple House.

# *RANDOM*

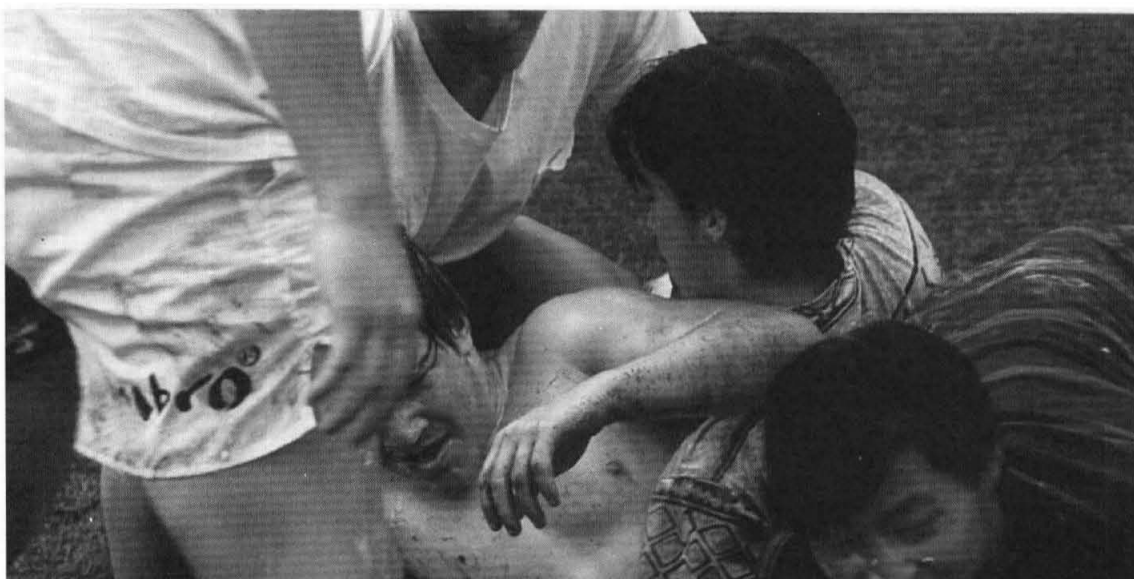
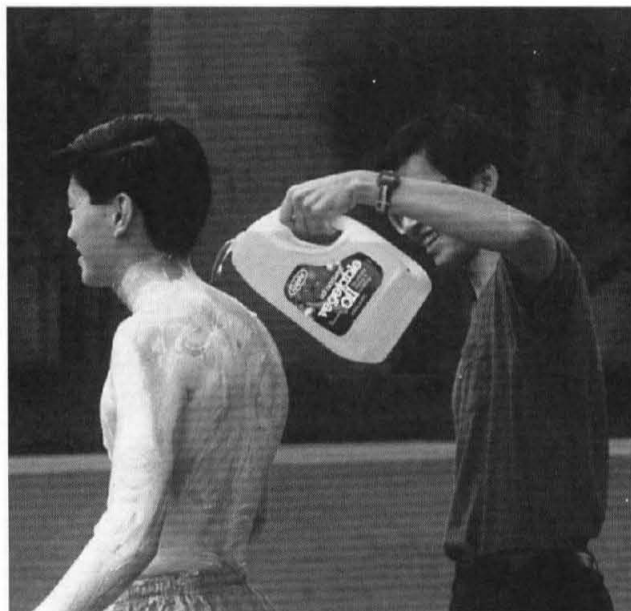


Watch out for the seagulls Tom! Jae enjoys the Jen Lords' company.

# PAGE







Top: **Jason** tries to kill a new Pageboy

Middle: The freshly showered frosh wait to go to Fuddrucker's before the Flems come through

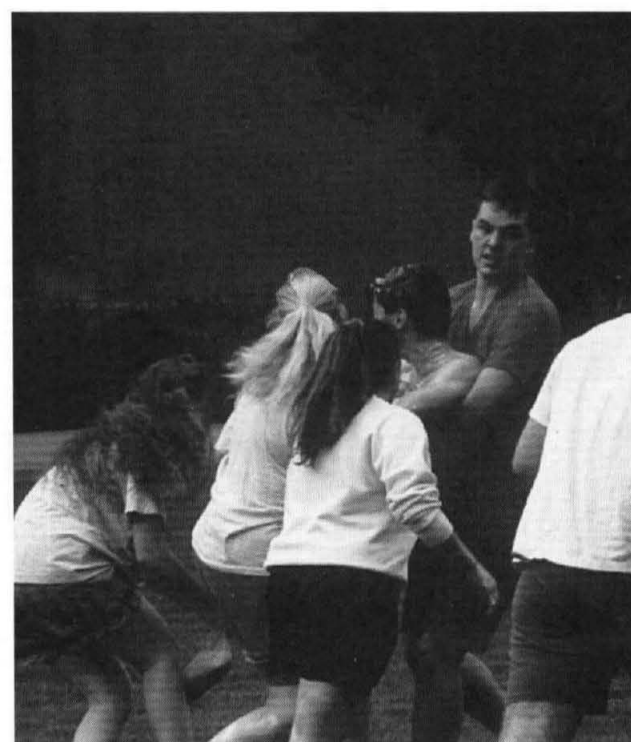
Bottom left: A happy frosh...  
Bottom right: **Fred and Kelly** — the married frosh couple

Top left: **Galpin** shows his immense love for the entire house

Top right: **Chou** greases up **Linden** for a Blackened Alley victory

Middle: **Moshe**, the Greased Frosh MVP, in his only loss

Bottom: Women? In greased frosh? Are you sure this is Page?



BOOM! The cannon goes off to signal the end of Rotation. Hoards of frosh rush off to the Social Mecca of the Western World to find out if they were cool enough to become members of this fine house. Lined up along the wall, they realize, "The seduction is over and the rape has begun." Only the strong (read the best) will survive the torture beginning with officers yelling, an interrogation, and finally a headlock into the shower. Finally, they are given the honor of being called (well, almost called) **PAGEBOYS**.

Each day, the Mt. Wilson snow report was read. The clueless frosh rushed out to buy warm clothes for their nice mountain trip second term. Instead, they used the clothes for the house ski trip. The frosh, still incredibly clueless, were now full **Page** members, without enlightenment from a mountain hike. They did learn how to grease up though.

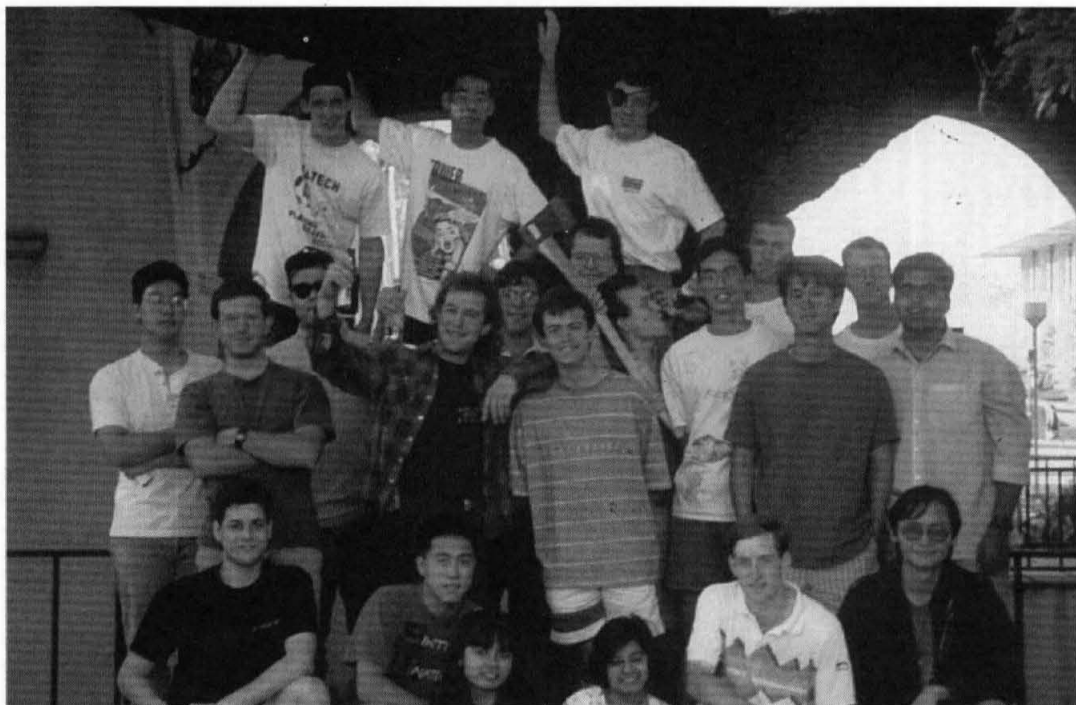
The "All Clueless" social team managed to get **Page** to live up to its reputation. **Page** took a trip to prehistoric times with its Intrahouse. Another all clueless (some would say more) social team was elected. After elections, some of the new team shared their joy with their red neighbors across the way. With a weenie roast debut, the new team made the rest of the year exciting.

Oh, and was the athletics mentioned? **Page** once again had athletes in every collegiate sport, as well as GSC. **Pageboys** managed to rule in soccer and ultimate during Interhouse. Add that to the number of **Pageboys** involved in government, and you come up with the best house.

Welcome to **Page**, where the keg always flows, the frosh are clueless, and tradition has begun to be killed.

**SPE LABOR LEVIS!!**

# CLASSES

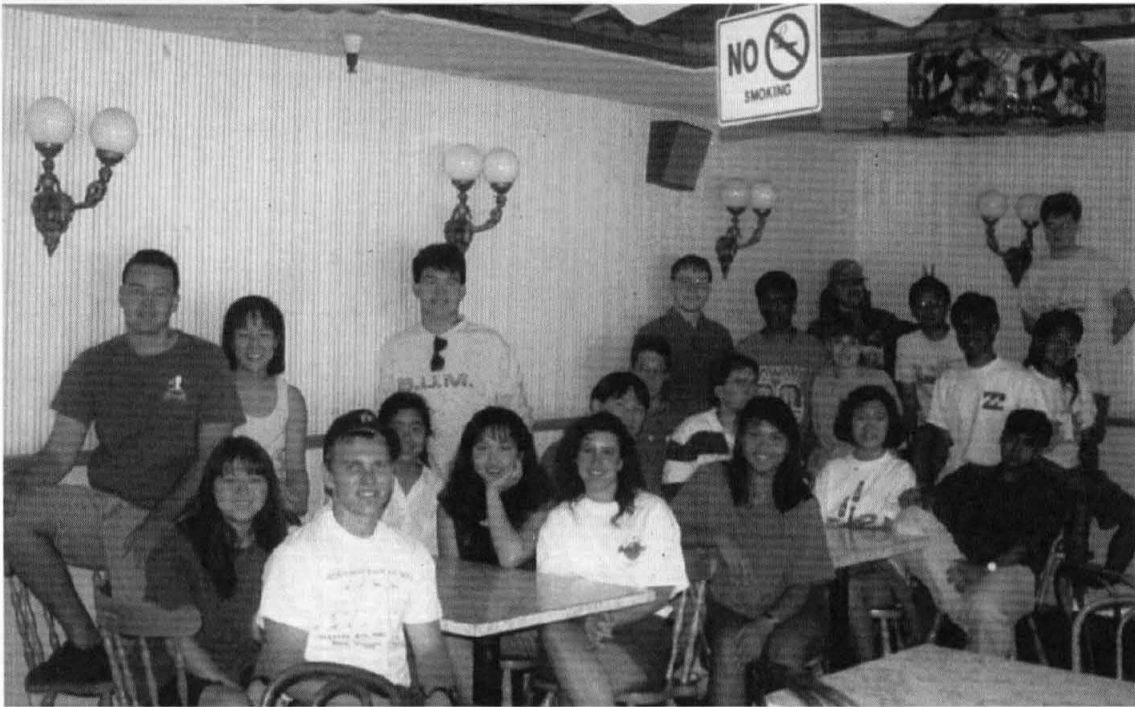


Back: Rob Whiteley, Eddie Murikami, Nate Frei Middle: Chuck Wong, Korhan Gurkan, Chon Torres, Paquito Gomez, Dan Frumin, Paco Herrero, Tim Furman, Matt Ashton, Hsiu-Hsien Ling, Dave Lande, Kevin Wang, Todd McLaughlin, Nitya Kitchloo Front: Mike Nassir (super senior), Rich Chiu, Mimi Sengupta, Snehal Adodra, Greg Wardle, Whye-Kei Lye Not Pictured: Kristen Blouke, Selaka Bulumulla, Win Chamberlain, Greg Dudey, Carl Feierabend, Yanga Fernandez, Anthea Howell, Anup Jatia, Asman Kibar, Jean-Paul Kovalik, Choong Kwon, Jason MacLeod, Rohan Mahadevan, Steve Marschke, Don Matsubayashi, Kevin Park, Doug Shiels, Ting Kim Tam, Yuan Tang



Brett Warneke, Dave Krum, Marcus Chen, Brian McAllister, Seiya Fukada, Mike Brundage, Ryan Naone, Mike Wong, Jen Trittschuh Not Pictured: Siddartha Agarwal, Ali Alagheband, Michael Anshelevich, Won Bang, Jeffrey Barker, Chinley Chang, Katie Coughlin, Bryce Elliot, Tom Fink, Michael Goodey, Ramesh Gopi, Chuck Halloran, Aaron Hawkins, James Langston, Kristy McAdams, Teru Miyake, Nhat Nguyen, Oon Gil Paik, George Papa, Sharif Rahman, Steven Rhee, Derek Surka, Ruchirel Yongsunthon



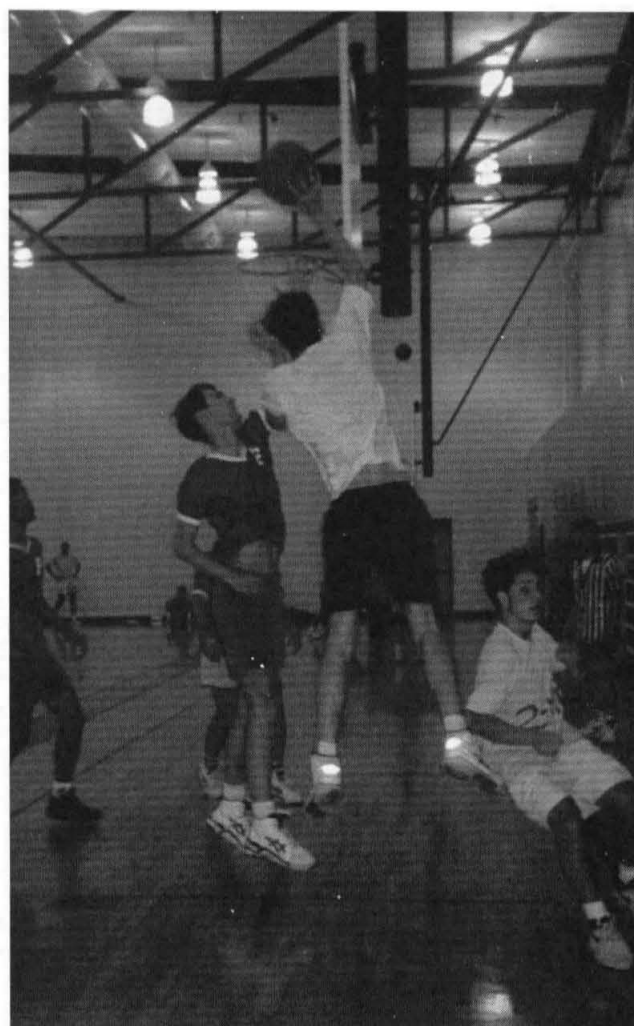
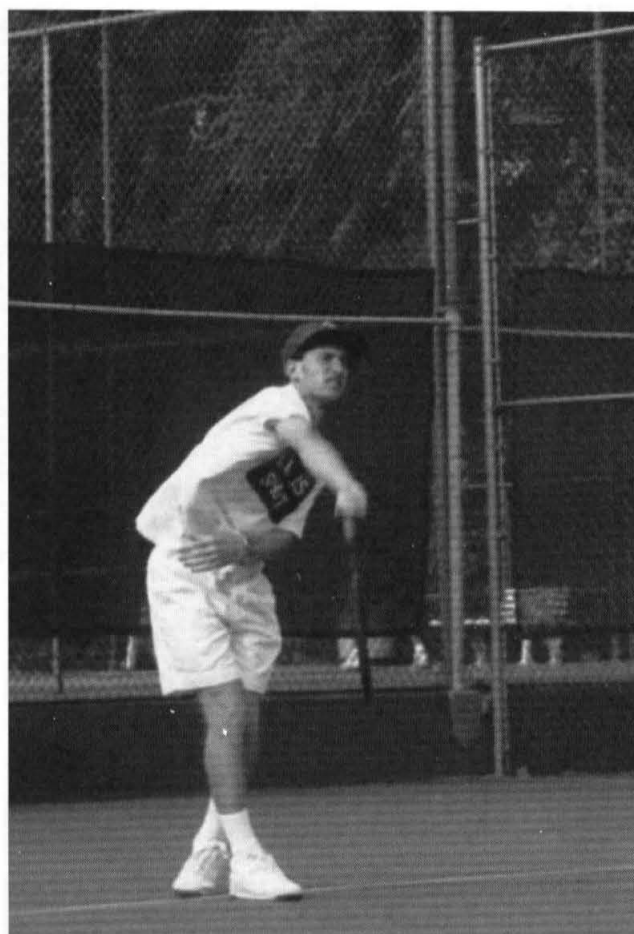
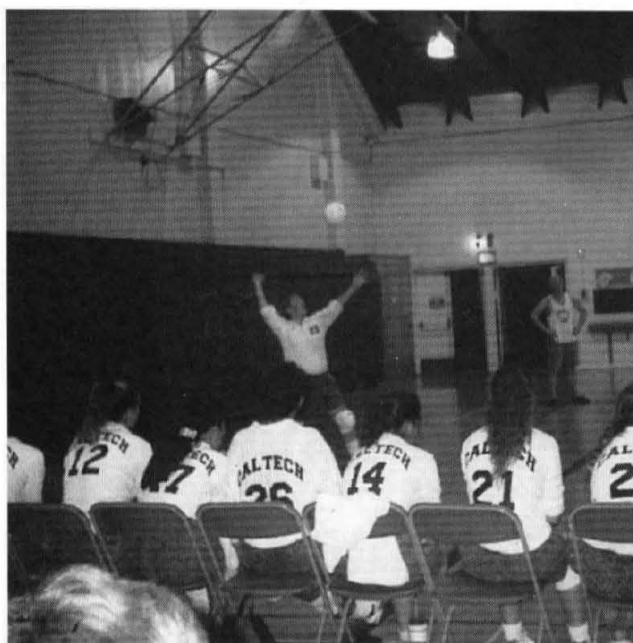
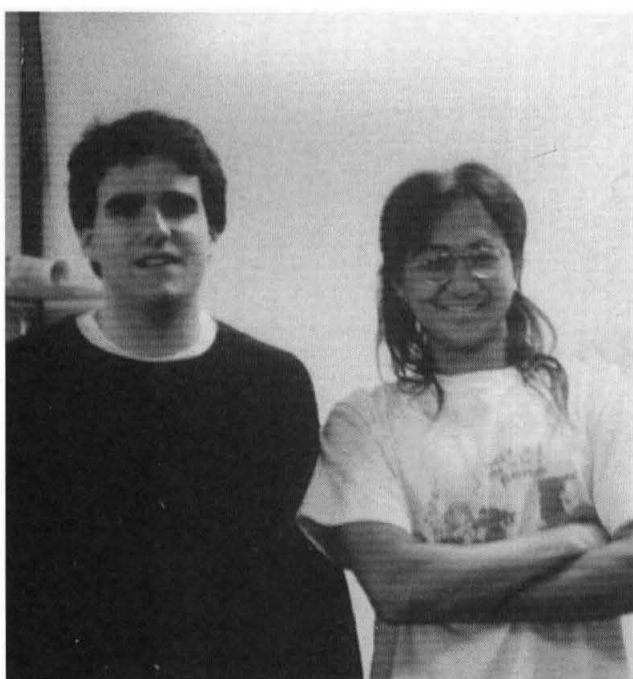


Standing: Jason Trevor, Lucy Chen, Erick Co, Ewald Hueffmeier, Jason Kumar, Chris Hare, Jerry Shan, Joey Beheler Sitting: Bethy Lee, Brian Brewington, Joyce Wong, Flora Ho, DeAnn Henny, Joe Lee, Eric Aamot, Mike Jarvis, Monica Silva, Tobe Corrazini, Celene Chang, Finny Chavanikamannil, Amit Mehra, Mikey Ng Not Pictured: Brian Adair, Sequoyah Aldridge, Vikas Duvvuri, Alex Golovitser, Marty Hahm, Remy Hathaway, Danny Huang, Mike Ichiriu, Tae Kim, Joe Long, Brenda Mar, Tim Nelson, Francis Ng, Dave Park, Boris Park, Dave Simpson, Geoffrey Smith, Grant Templin, Eddy Vataru, David Vaughn, Christian Waite

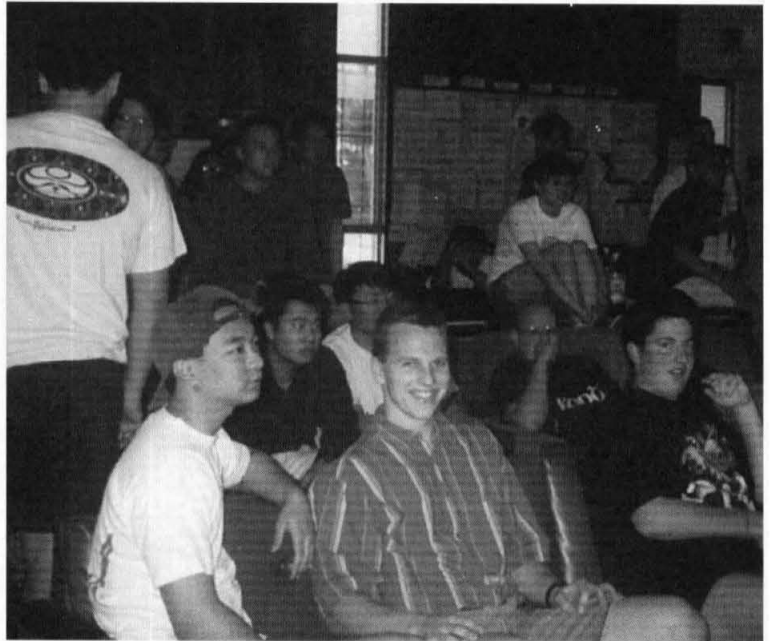
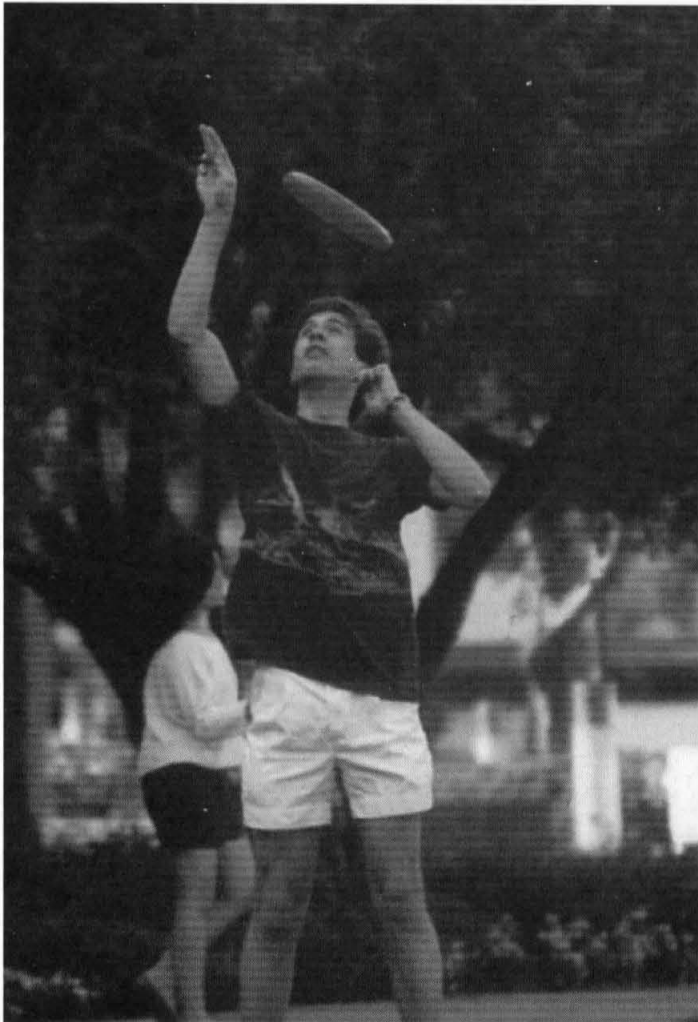


Kneeling: Chou Hung, Tom Dmukauskas, Steve Tsai, Sooketoo Bhuta, Linden Chen, Jay Kho, Marc Sulfridge, Janis Chang, Vivek Ray, Ray Chan, Greg Tanaka Sitting: Barky, Anh Ly, Mitesh Patel, Jason Hsu, Dan Zimmerman, Barry Caceres, Ricky Carson, Alex Lin, Jeff Lowe, Prasanth Surampudi, Tom Meyer, Mike Galpin, Greg Steiert, Laura Verhoff, Angie Bealko, Mike Greene, David Derkits, Mike Vogel Not Pictured: Shruti Bajaj, Jeff Bramel, David Chavez, Kelly Eom, Justin Fang, Fank Guzman, Moshe Lutz, Lydia McKay, Mike Ru, Fred Shic, Dave Tahmoush

# SPORTS







Left page:

Top left: Vogel receives a nasty hit from a Flem

Mid left: Greg shows off his powerful serve

Bottom left: The volleyball goddess

Top right: The Ath Team

Bottom right: Jason drives past the Flems

Right Page:

Top left: Eric demonstrates his diving abilities at the Rose Bowl

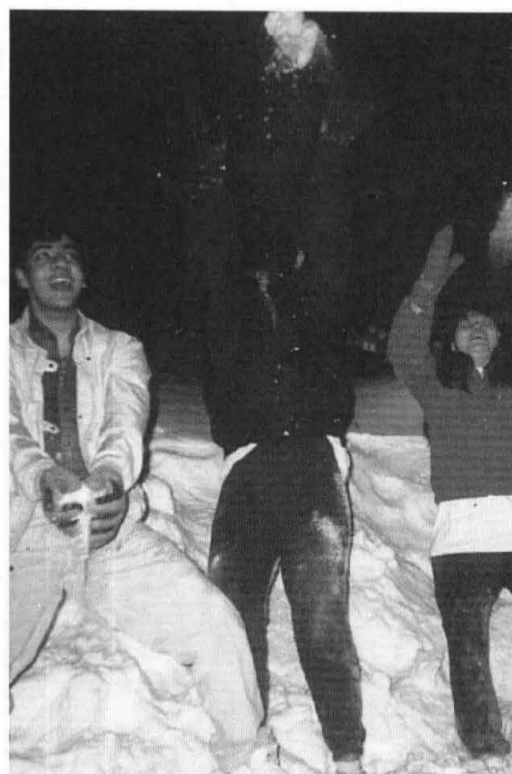
Bottom left: Jarvis wonders at the miracles of aerodynamics

Top right: "Big Guns" pounds the ball back

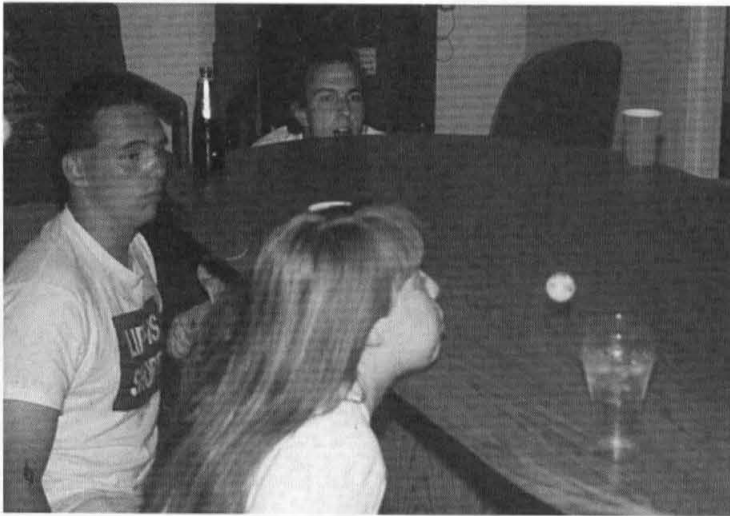
Bottom right: The greatest Disco challenge ever - Streetfighter

II

# SPORTS







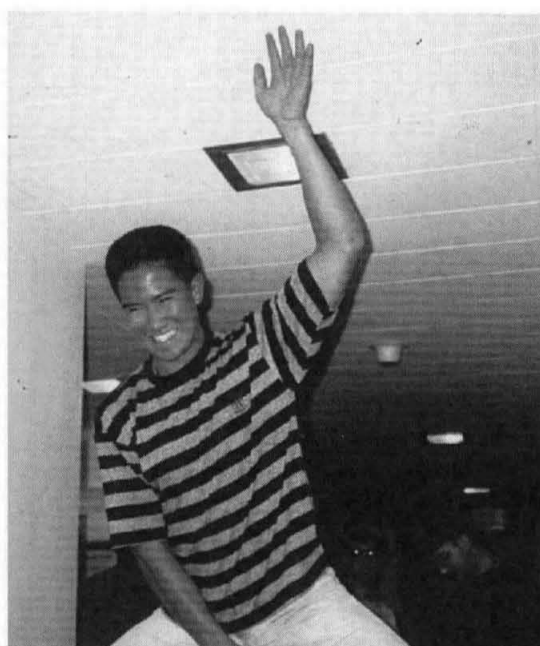
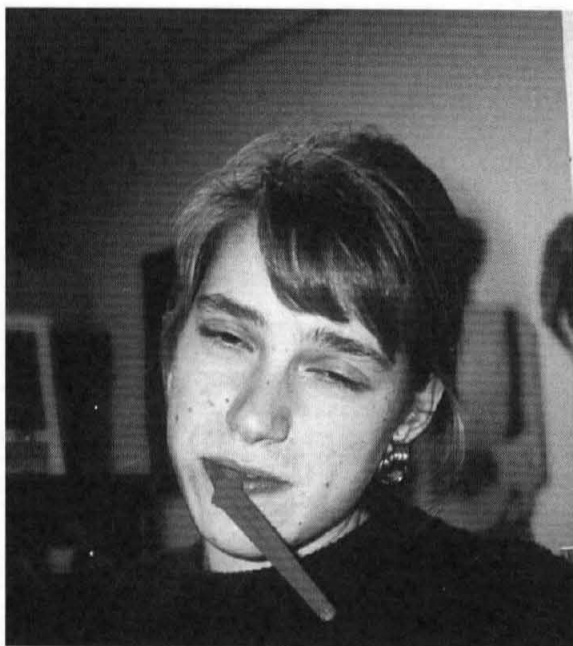
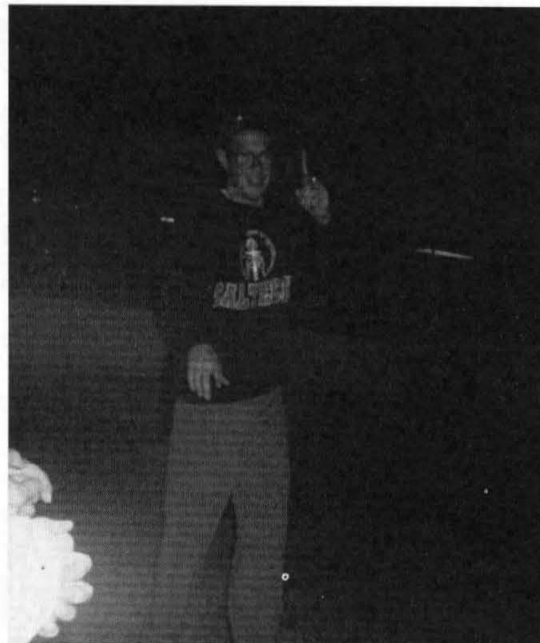
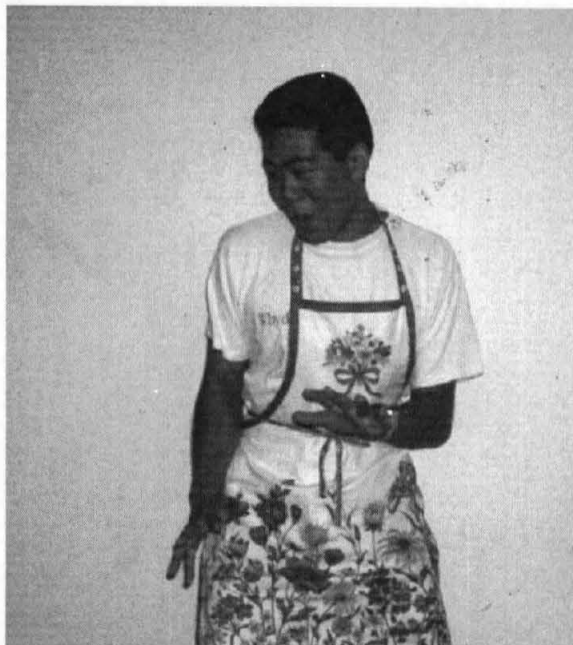
Left page:

Top left: Amit and Jen enjoying the end of the term  
 Top right: Racing to the finish in the Shopping Cart Relay  
 Middle: The "all-novice" social team  
 Bottom left: The frosh building Intrahouse  
 Bottom right: Pageboys enjoying the snow on the ski trip

Right page:

Top left: The Easter Egg Toss  
 Top right: Marcus and Brett throwing a short Oriental woman  
 Mid left: Kristy showing her blowing skills once again  
 Mid right: Everyone relaxing after a long day skiing  
 Bottom: The Page meeting of CCF

# PEOPLE



Left page:

Top left: Marcus dancing around in his apron

Top right: "I am not a land animal!"

Mid left: Tobe sexy as ever

Mid right: Ryan "Flying Hawaiian" Naone

Bottom: Tim giving Todd some batting lessons

Right page:

Top left: Mr. Wash. Univ. and Whore

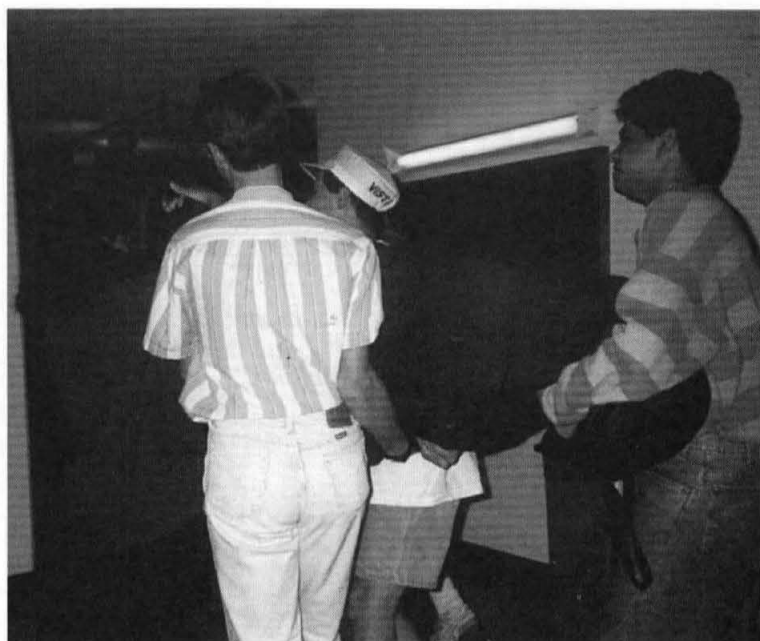
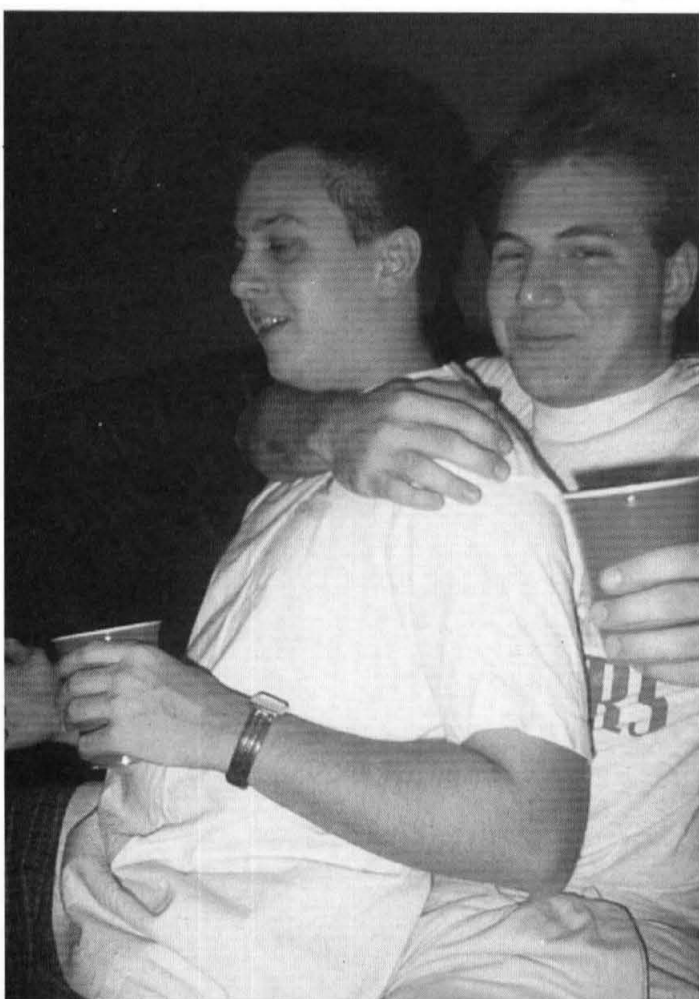
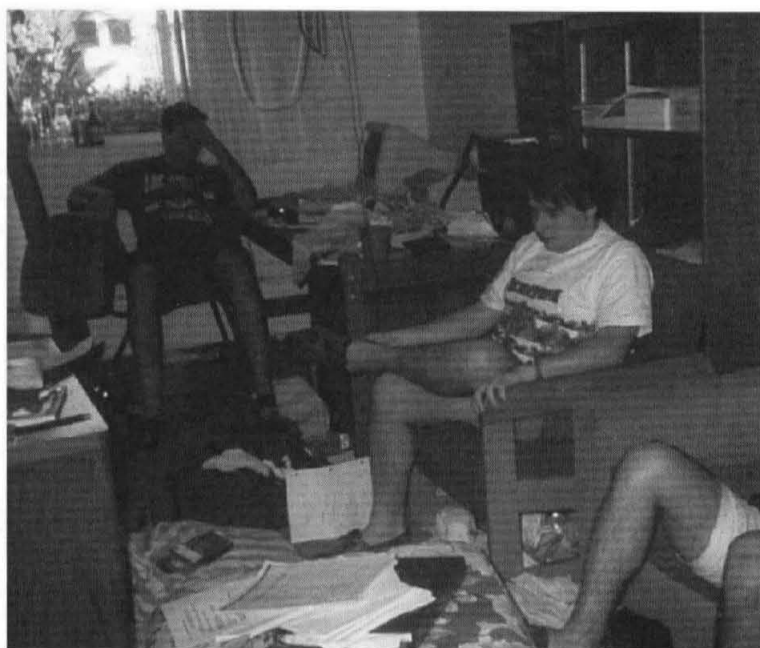
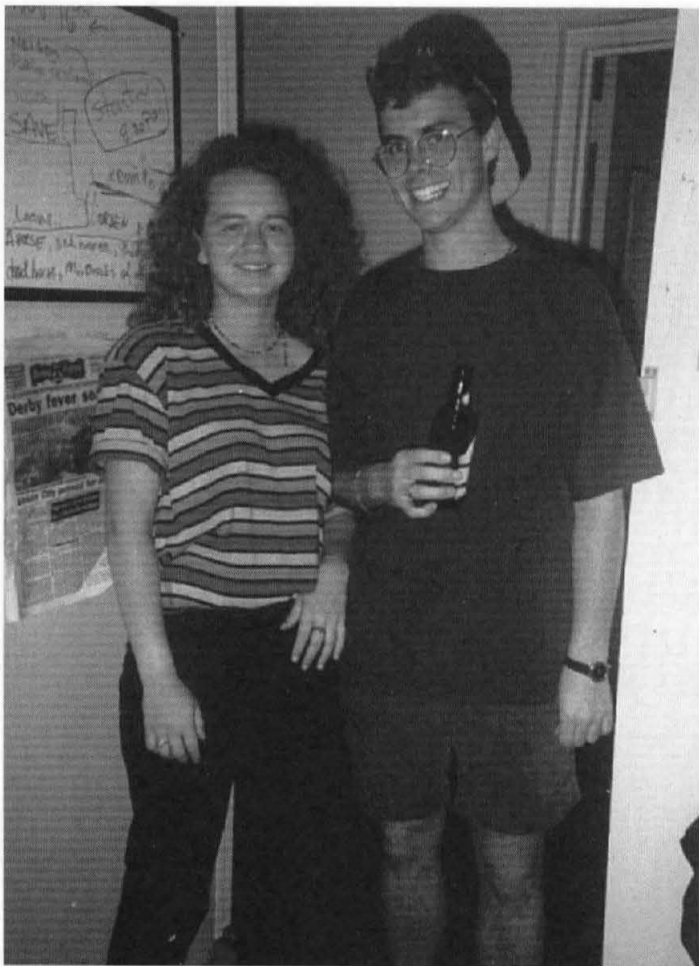
Bottom left: "Now you come and sit on Uncle Bryce's lap and I'll give you a surprise."

Top right: Blackened Alley frosh

Mid right: Hanging out in Fagmaster Jay Alley

Bottom right: Janis' friends help her stay in her sleeping bag





# R A N D O M

Top: **Sonic** and **Air** with their 63 Power Caps

Middle: **Flora** and **Snehal** showing off their beautiful hair

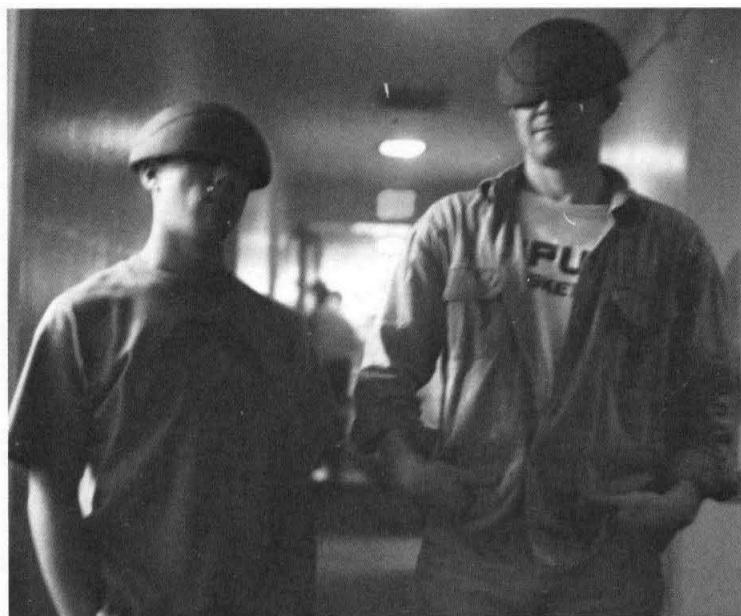
Bottom: the **waiting staff** have their favorite drink

Top left: It's disturbing what Tech can do to a guy

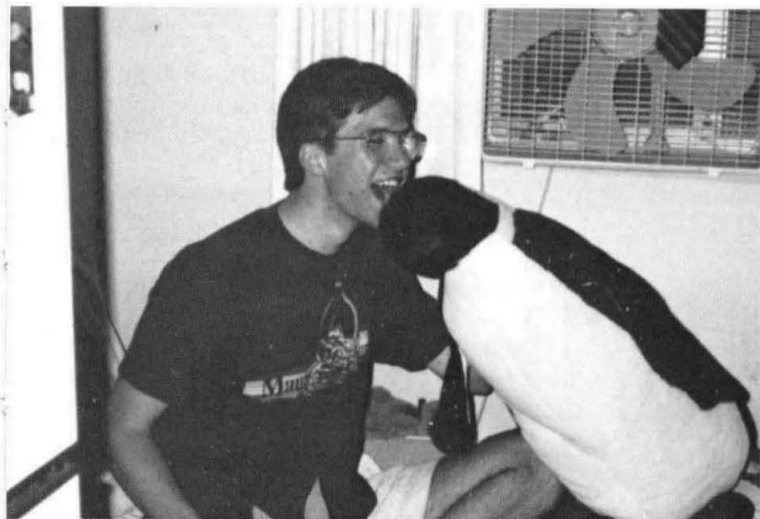
Top right: **Tex** prepares for entry

Bottom left: **Vogel**, the disturbed frosh, in women's clothing again

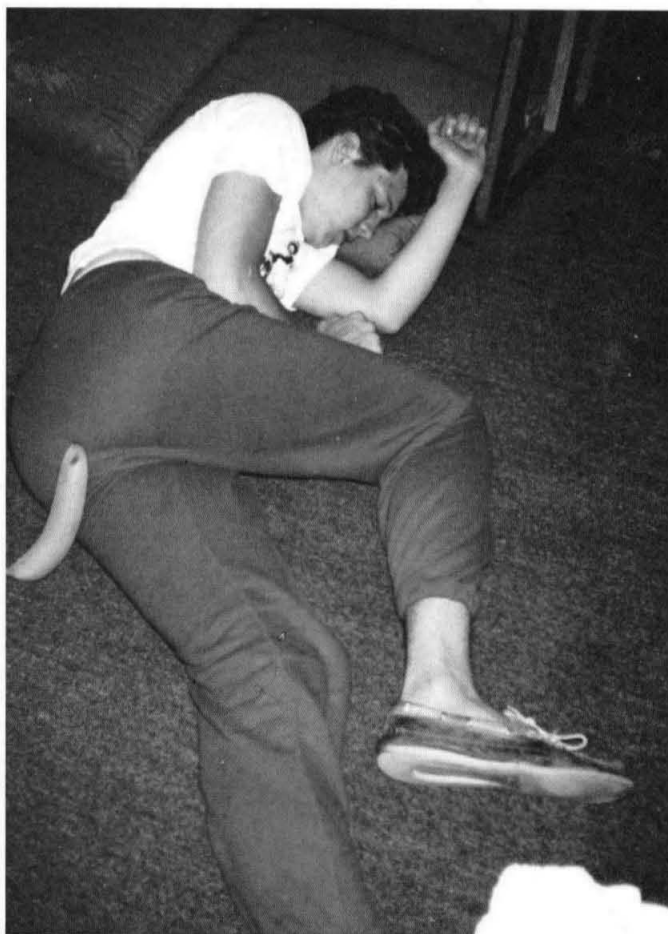
Bottom right: **Paco** and **Eco** going at it on the floor again



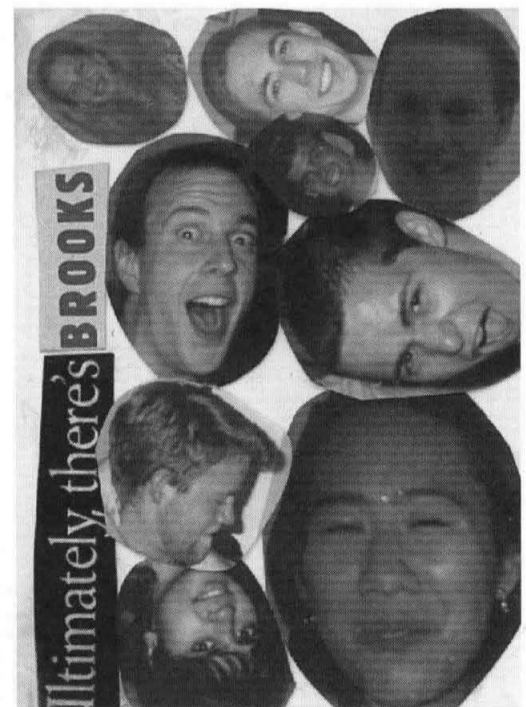
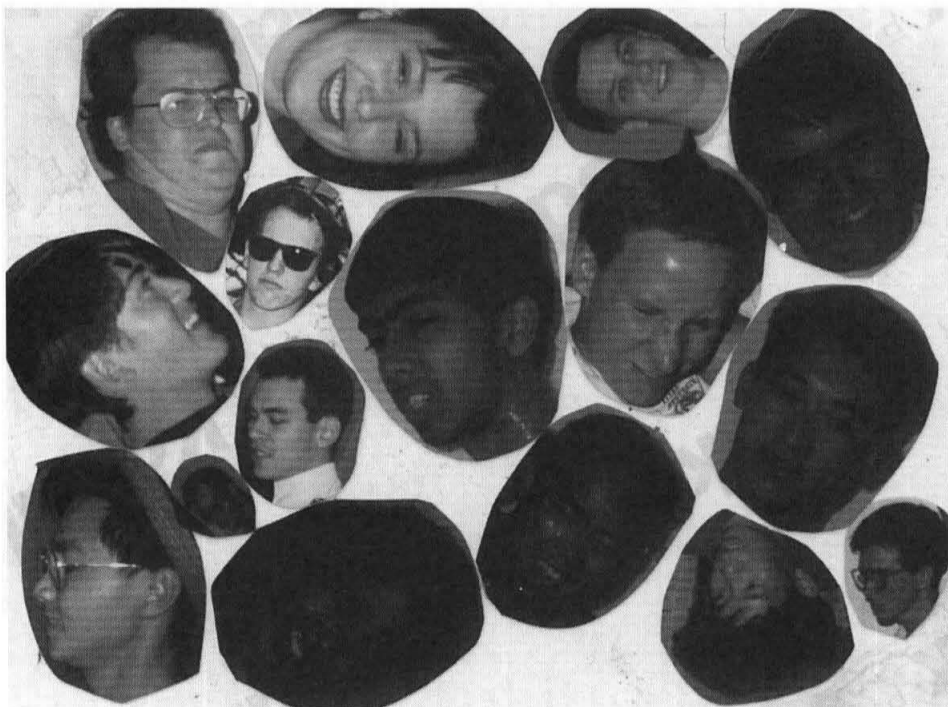
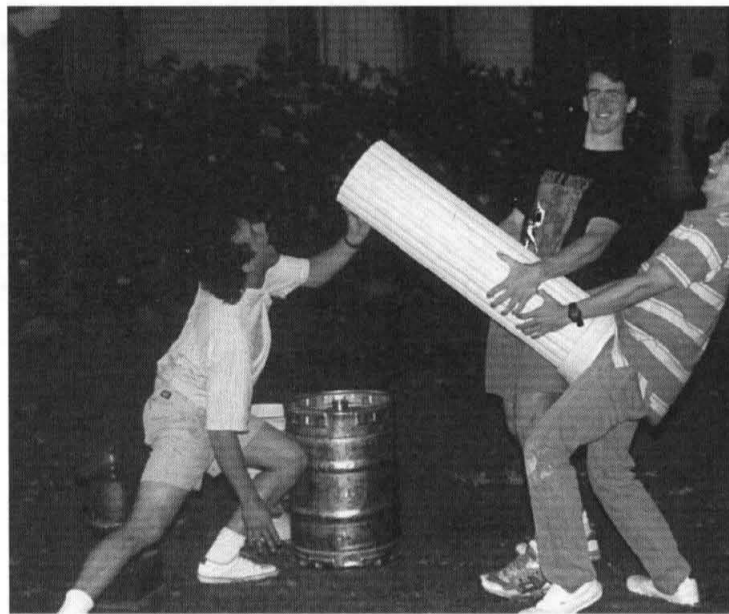




# PEOPLE



# GIVE ME HEADS!!!





## EXCOMM 1992

**President:** Paquito Gomez  
**Vice President:** Derek Surka/Matt Ashton  
**Treasurer:** Terry Chay  
**Secretary:** Paco Herrero  
**Athletic Manager:** Greg Dudey  
**Social Team:** Tobe Corrazini  
Chris Hare  
Flora Ho  
Amit Mehra  
Mikey Ng  
**Ath Team:** Eric Aamot  
Brian Brewington  
Dean Haritos  
Tim Nelson  
Grant Templin

## EXCOMM 1993

Derek Surka  
Amit Mehra  
T. Nelson/J. Trevor  
Geoff Smith  
Brian Brewington  
David Derkits  
Mike Greene  
Lydia McKay  
Greg Steiert  
Laura Verhoff  
Ryan Naone  
Mikey Ng  
Dave Park  
Grant Templin  
Mike Vogel

## CREDITS

**Section Editor (Historian):**  
Laura Verhoff

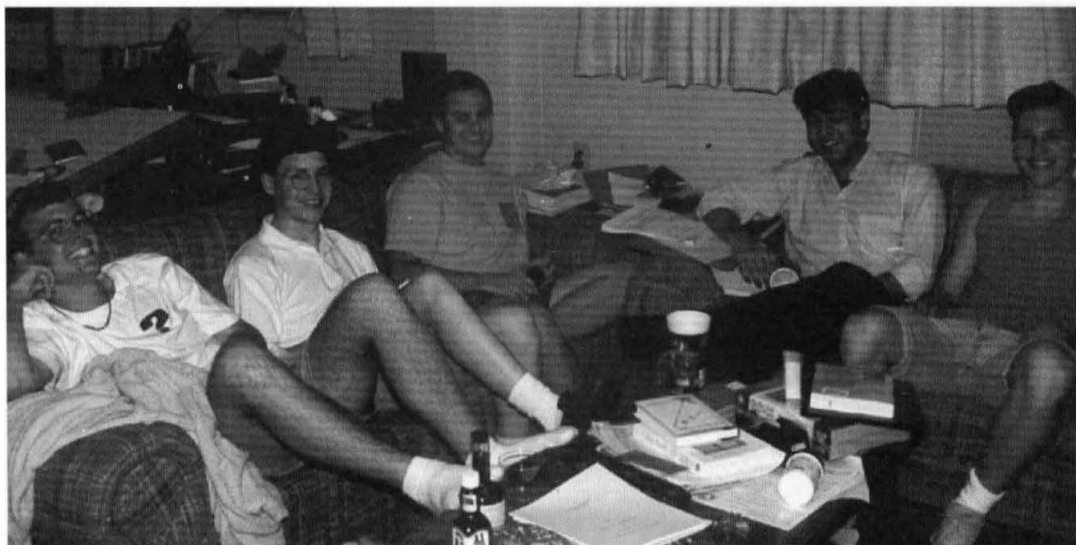
A special thanks goes out to all those who contributed photos to the section this year. A special thanks goes out to Brew who helped me realize exactly what this year needed. Goodbye Monica and Pedro — we will all miss you dearly.



Above: **PAGE HOUSE**

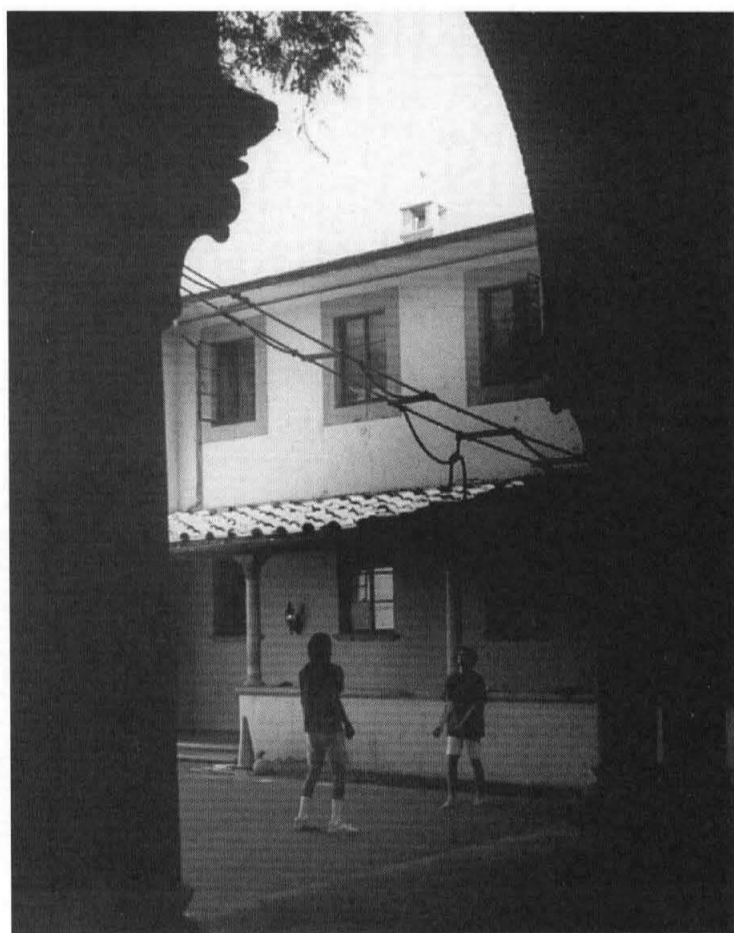
Top right: Come on! I HAD to put in this picture!!!

Bottom right: The Ex-comm (minus Jason)

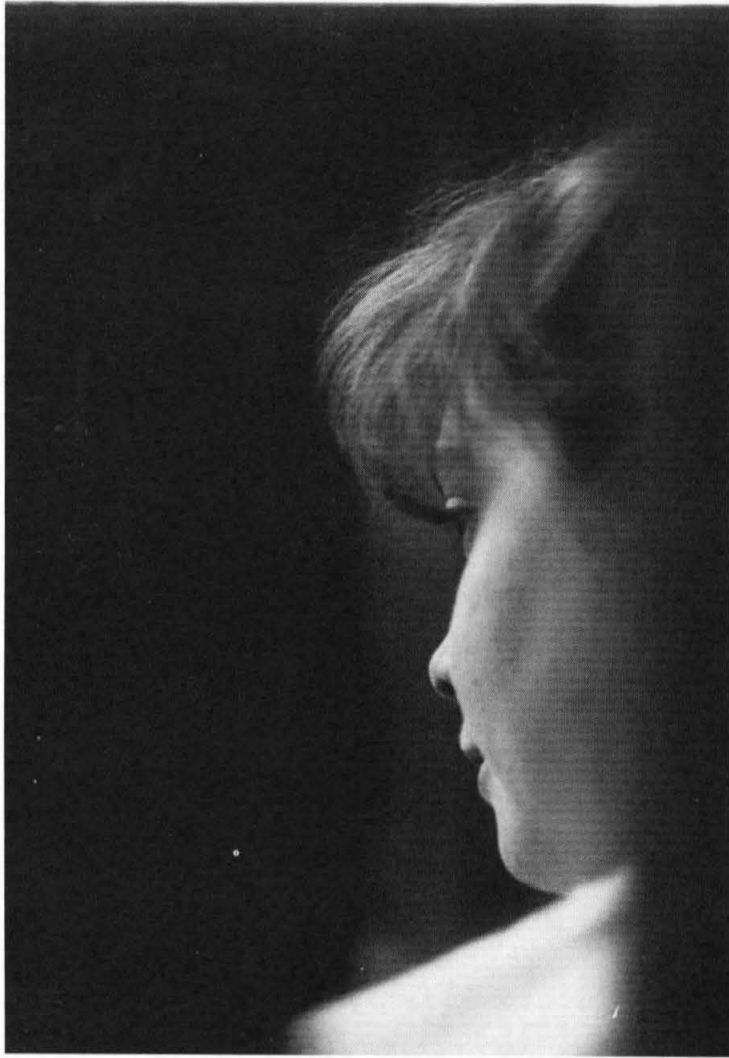




# RICKETTS







**Scurves stand.  
Scurves sit.  
Scurves cook.  
Scurves play  
four-square.  
Scurves dance.  
Scurves build  
things.  
Scurves sing.**

**-Anoop**

**1992-1993**

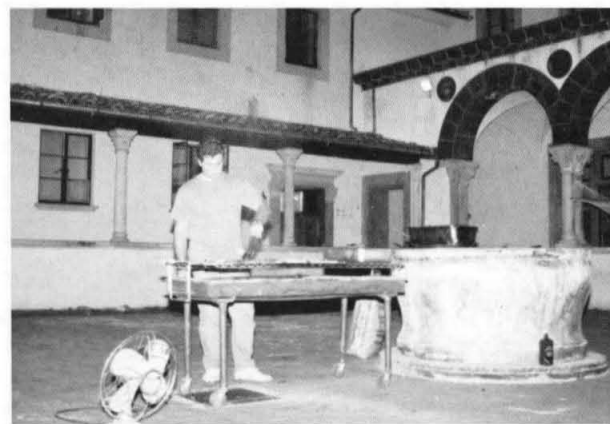


# Juniors



**Standing (l-r):** Brian Trotter, Ted Turocy, Matt "Xeno" Derer, Michael "Zeus" Su, Michael "Wart" Thomas, Paul "Roto-Rooter" Rothmund, Daniel Artemis Xystus (Sr.), Jim Schaff, Johanna Neaderhouser, Dave Perlman, Sacha Malin, Jed Pitera. **Bending:** Sarah Barwig. **Missing:** Scott Bjerke, Uri Cummings, Brent Eubanks, Steven Fought, Edray Goins, Michael "Myke" Hoskins, Alicia Kloesel, Dori Levanoni, Josh Walker (married).

# Make-ups



**Standing (l-r):** Mike Medaglia, Dan Dilling, Heather Russel, Debi Tuttle, Monica Oei, Max Bloomfield, Tom Lechner, Joanna Wills, John Mulcony, Sean Wetterer, Elef the Greek



# Seniors

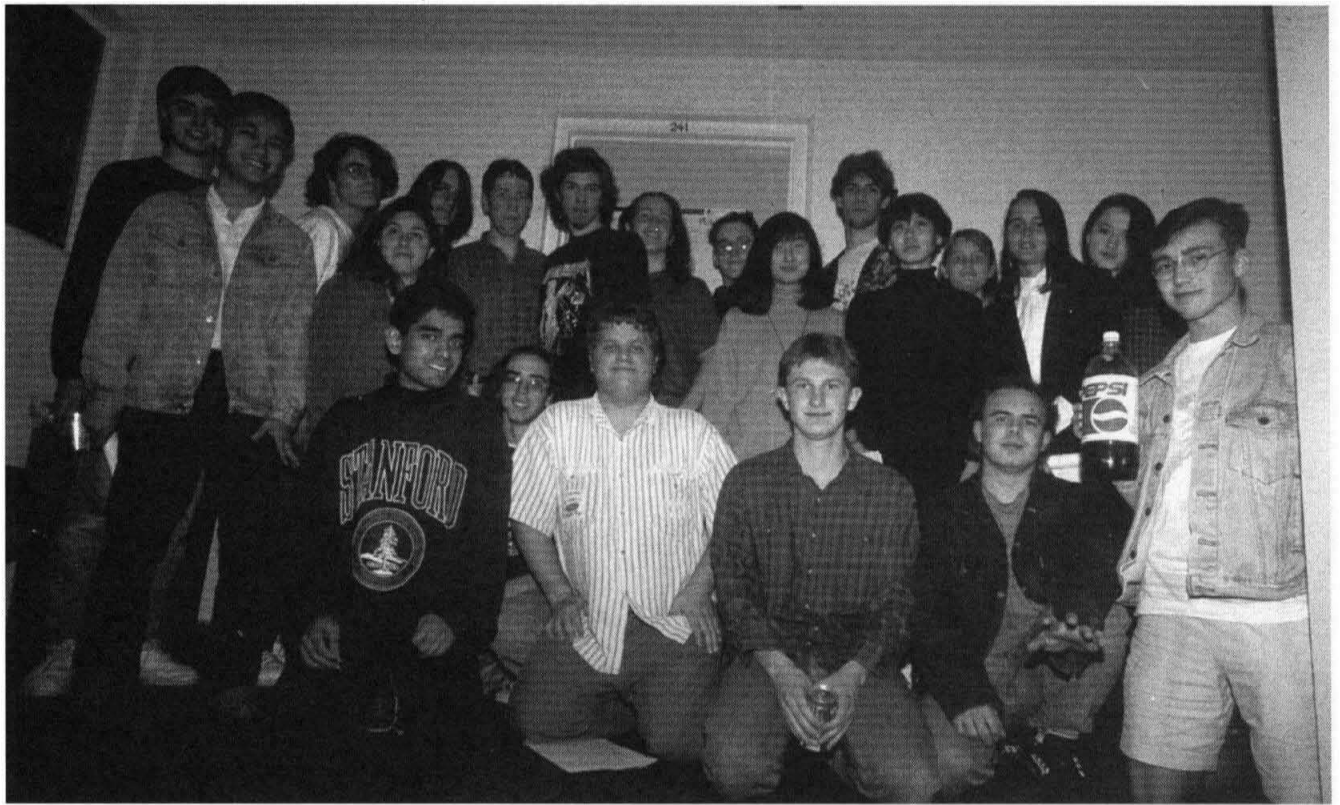


*Standing (l-r):* Andreja Volenec, Mike Oder, Rajesh "Q" Bilimoria, Dan "Danlip" Lipofsky, Sunshine "Tom" Renner, Paul "Pablo" Thienprasit, Glenn "Glennammous" Ammons, Ward Burrows, Beth Mammini, Amitabh Mehra, Wing-Cheong "Kevin" Tang, Nirav Patel. *Sitting on couch (l-r):* Daniel Artemis Xystus, preston "Presto" Pfarner, Tristania "Tristy" Kibbey, Jen "Alex" Dooley. *Sitting on ground (l-r):* Julian C. Chen, Julius Yang. *Missing:* Danny Chu, Daniel "Dad" Dilling, Atiya Hakeem, Rob Hanna, Rohan Mahadevan, Monica Oei, Behnam Sadeghi, Erik Taylor, Maggie Taylor, Debi Tuttle, Joanna "Mom" Wills, Jen Wright, Sean Wetterer.



## Waiters

*Standing (l-r):* Matias Elijevich, Frances Chance, Keith Counsell, C. Kevin Boyce (head waiter), Glenn Ammons, Anthony Molinaro, Rob Cresswell, Julian Chen, Fred Duerwer. *Sitting:* Sarah Barwig, Boris, Art Clarke. *Missing:* Amit Mehra (ex-head waiter), Anoop Sinha, Atiya Hakeem, Eleftherious Gkioulekas, Jane Oglesby, Jed Pitera, Leslie Maxfield, Mike Medaglia, Sacha Malin, Tara Robertson, Tom Renner.



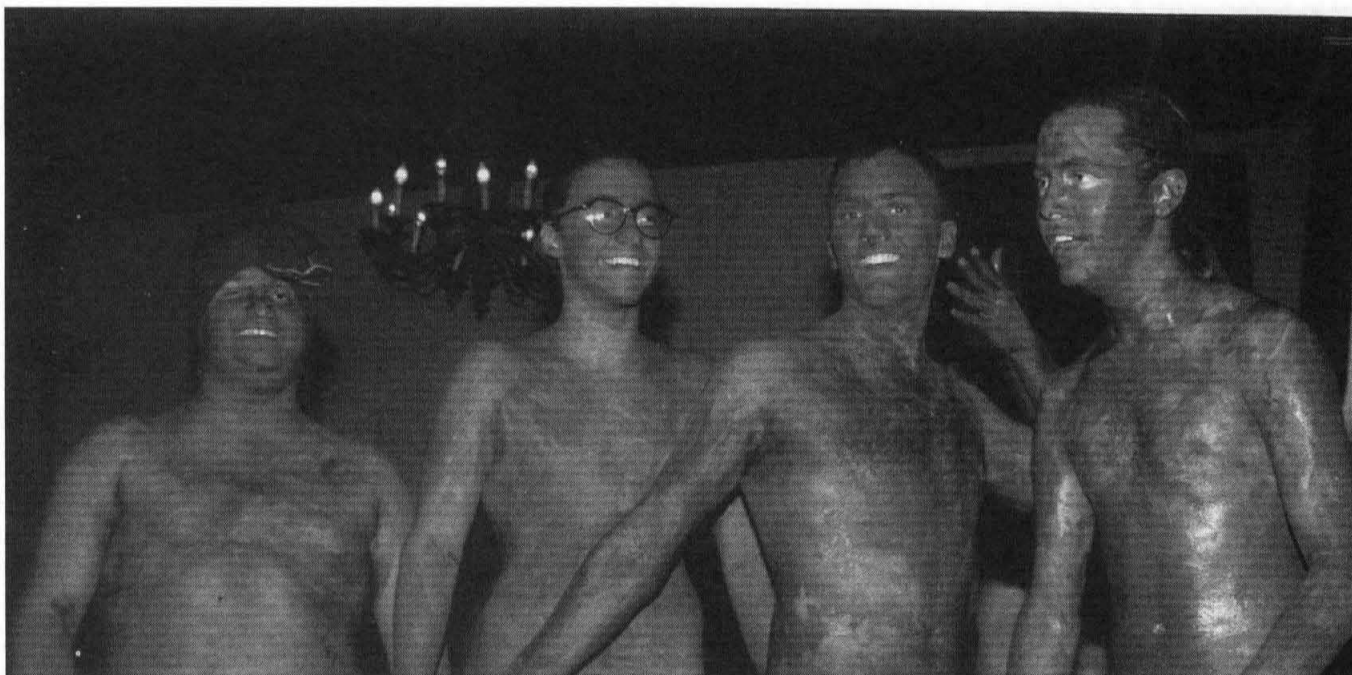
*Top: FRESHMEN Standing:* Brendan Dunn, Andrew Tong, Travis Collier, Jennifer "Yani" Copas, Kevin Neville, Andrew "Art" "Haggis Lad" Clarke, David Smith, Rob Cresswell, Anthony Molinaro, Cecilia Park, David Hobbs, Mihoko Kato, Michelle Celich, Gypsy Achong, Anne Dudzik *Kneeling:* Anoop Sinha, Sean Vellucci, Aaron Rosin, Roman Jarosiewicz, Patrick Spradlin, Scott DeWinter *Missing:* Lyndie Williamson, Aaron Matz, Joanne Yew, Dariush Ehsani, Eric "Pick One" Uhrhane

*Above: SOPHOMORES Back:* Jenny Cormack, Brien Oberstein, Penelope "Penny" Sherman, Frances Chance, Jake Holland, Karen Casciotti, Charles Kevin Boyce *Front:* Cedric Hobbes, Fred Duewer, Jane Oglesby, Leslie Maxfield, Gisela Rodriguez-Sandoval, Matias Elijevich, Adam Villani, Keith Counsell, Clark Chang *Missing:* Scotty Townsend, Tara Robertson, Jon McDunn, Mike "Bob" Coward, Saiful Zulkifli, Heather Russell, Jason Hollinger

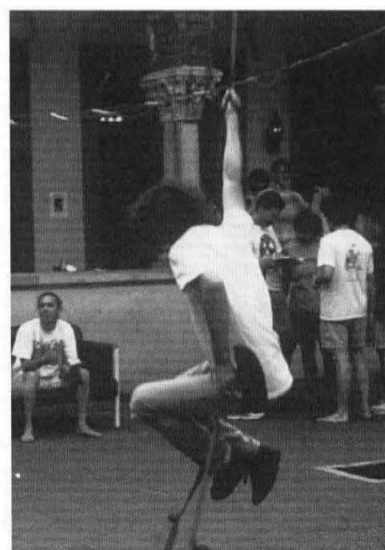
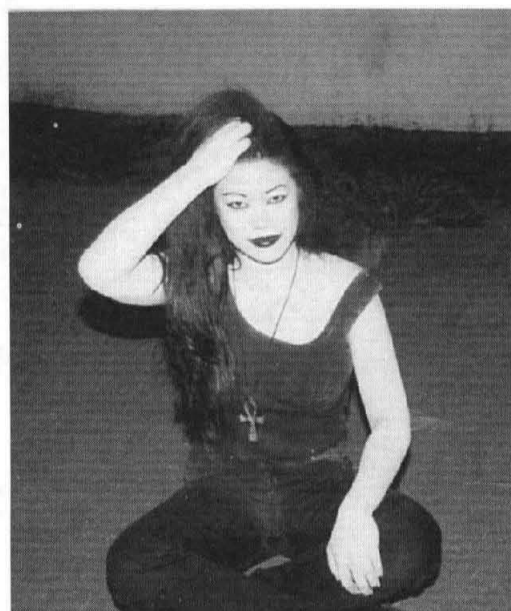
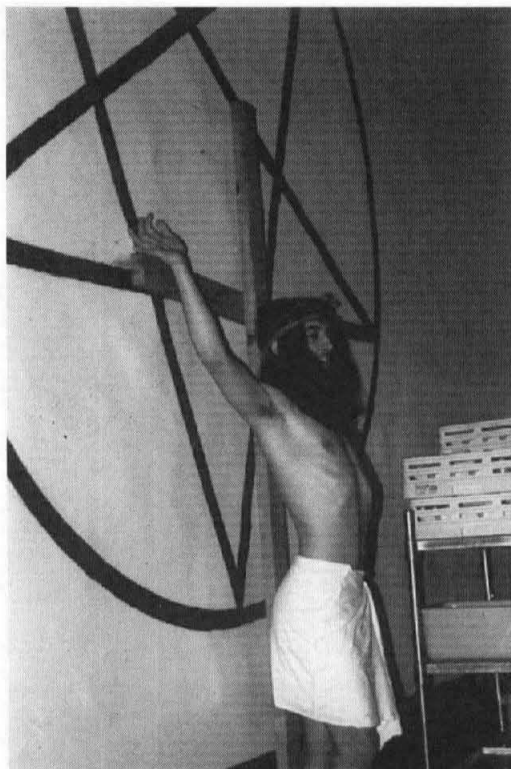
*Above left:* John Mulcahy (Fr.) watches Scott DeWinter let his aggressions out onto a "Pepsi-on-a-rope." Mysteriously, Scott drinks much Pepsi.

*Left:* "Free shoe" is the rallying cry as Anthony lures an unsuspecting Matias.





*Left:* It's a smurf! It's a plane! It's... Aaron, Anthony, Mike Medaglia (Fr.), and Rob!



*Above left:* Max Bloomfield (So.) tries to look nonchalant at cross-dress dinner.

*Above right:* More Freshmen, this time in the rain: Rachel Hunter, Mihoko, Anne, David, Royden Jones, Travis, Aaron, Brendan, Eleftherios Gkioulekas.

*Far left:* Frances as Death.

*Left:* Tom Lechner (So.) spent a lot of time this year swinging from trees.

# Rotation and Frosh Wash

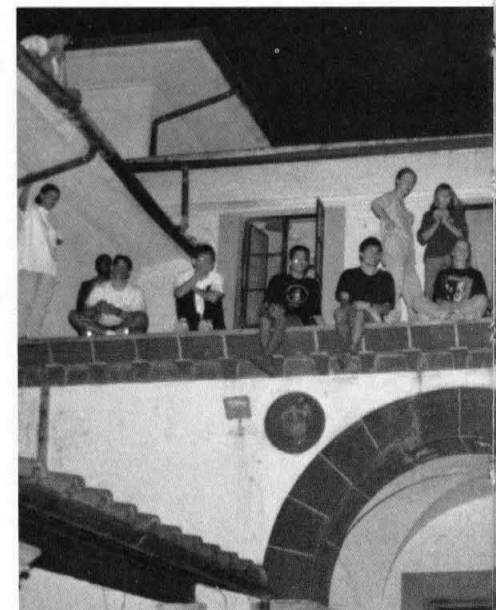
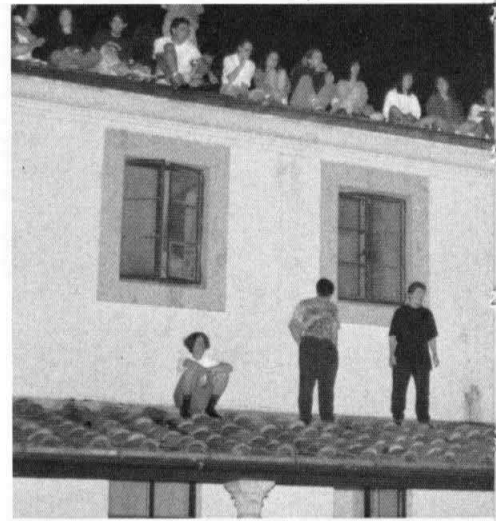
*Below:* Scurves reaching for food at a house meeting.

*Way Below:* Karen Casciotti pointing to someone in Ricketts Courtyard.

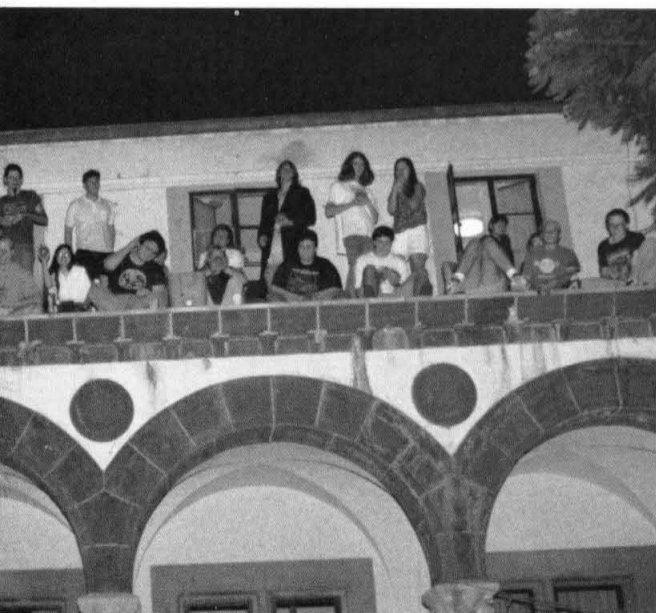
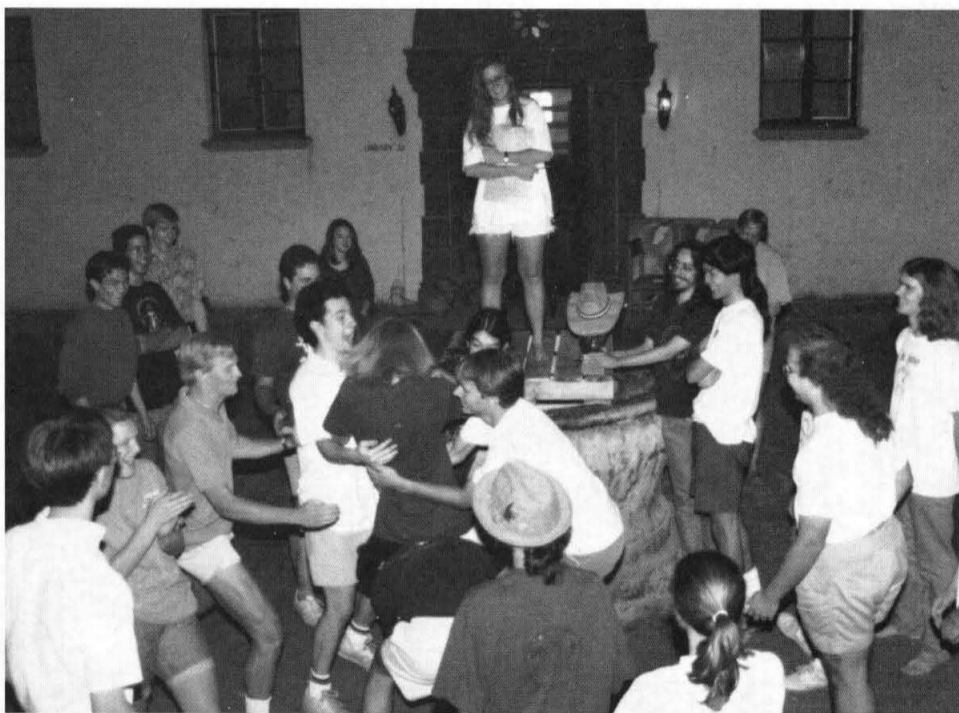
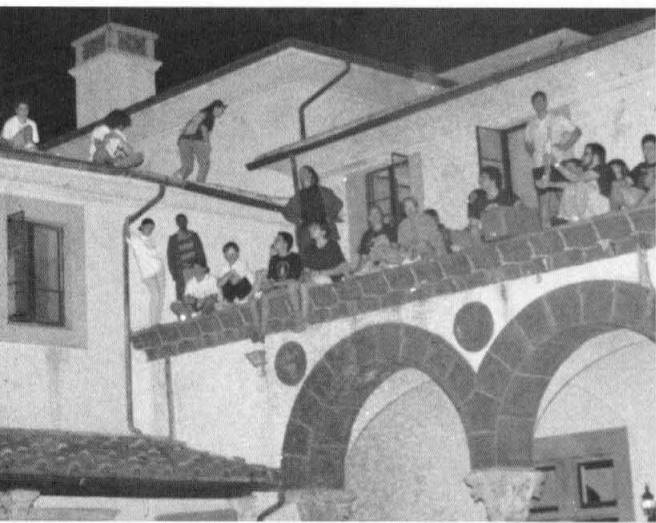
*Right:* Scurves on the roof waiting for the Flems to come by.

*Below Right:* Four Square in the Courtyard.

*Way Below Right:* More Scurves on Snatch Roof.







*Way Above:* Steve Sobelman and Steve Farris awaiting the arrival of the new frosh.

*Above:* Accepting new frosh into Ricketts.

*Right:* Da Prez, Joanna Wills

# APACHE DANCE

Apache 1993 was a well-received return to the kinder, gentler Apaches of years past. The Brute Squad held a watchful eye over the festivities as Scurves danced to a jazz band, drank cheap wine, and kept warm next to an abnormally small, fire code-approved pot fire. The eleventh hour entry of Yani and Egon, the measurers, into the Garter Contest proved hilarious and victorious. Our annual celebration of the French Underground once again lifted the spirits of the Scurves.

*Right:* Mike Medaglia welcomes partygoers in the tunnels. Would you trust this man?



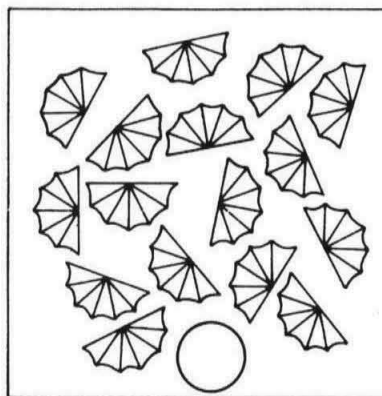
*Middle Row, Left:* Jake, stunning in drag, leads the frosh tunnel guides to their destination.

*Middle Row, Right:* Johanna as Sean, Sean as Johanna.

*Above, Left:* The motley Garter Contest crowd casts their votes.

*Above, Right:* Rob Cresswell has the very important job of ladder holder.





*Left: Elef the Greek looks quite alluring. So this is what lurks beneath Ricketts!*



*Far Left: Poor Miyabi (Blacker). Art has trouble getting it up.*

*Left: Why play one saxophone when you can play two? Josh Spiegelman, the Apache band leader, shows us how it's done.*



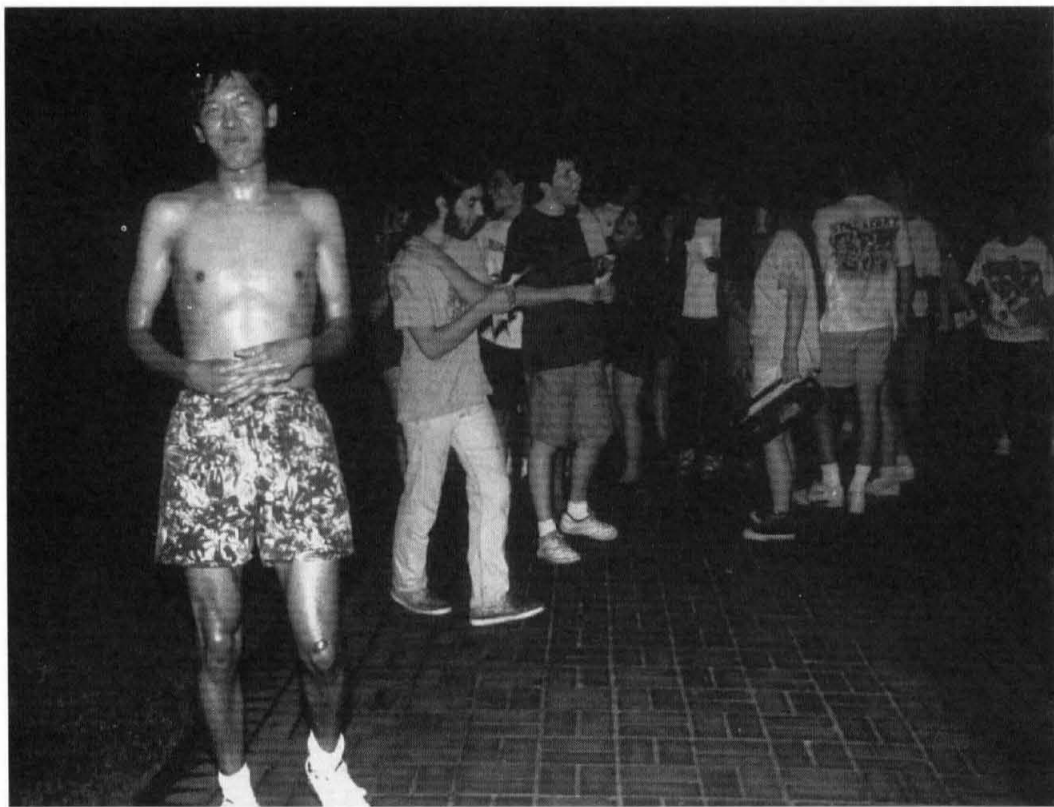
*Above: Andrew Tong illustrates the old adage, "You can never have too much duct tape."*

*Left: Symbiosis: The wall supports Julian, Julian supports the wall.*

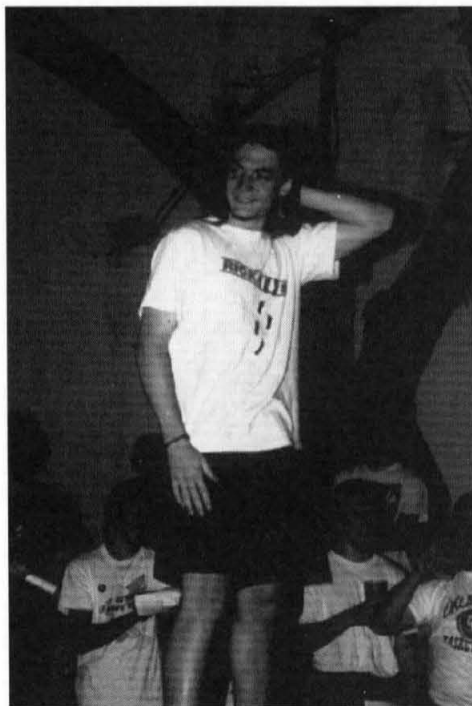


# PCDE

PCDE is the Scurves' annual commemoration of Polish Freedom, Polish Oppression, and beer. It also includes a friendly walking tour of the student houses, rife with song.



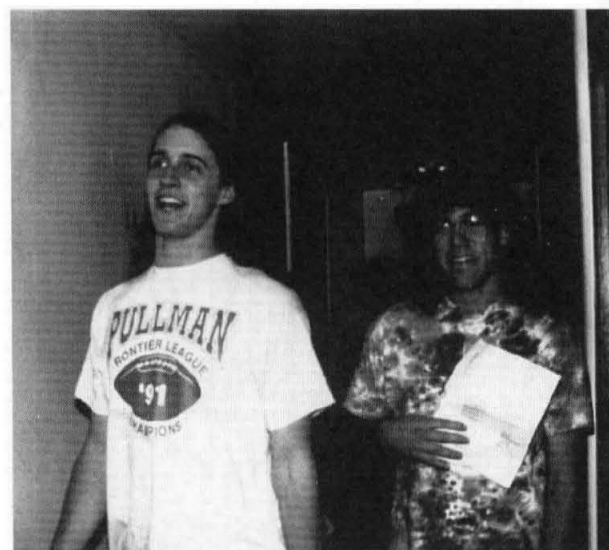
*Right:* Out on the Orange Walk, a greased Julius stands apart from the crowd.



*Above:* Jakeski Poland breathes a sigh of relief after two minutes of liquid effort.

*Above Right:* D.A. Kornreich (Ru.) becomes the victim of a new interpretation of the Pre-PCDE event of measuring Ruddock's windows. (Leslie, Xeno, Connie-Lynne Villani (Staff), and Julian, measurers)

*Right:* Kevin Neville and DanLip caroling.





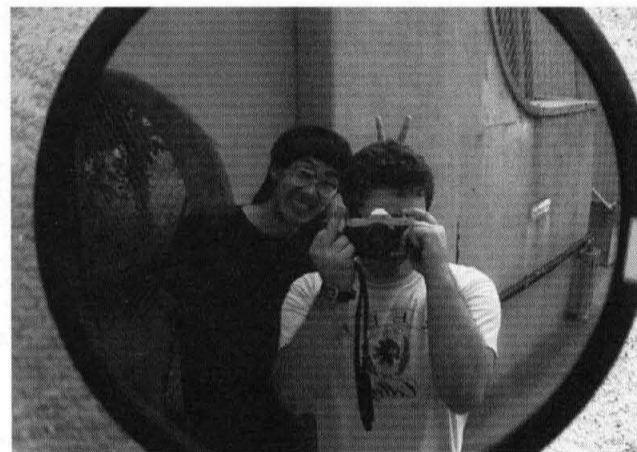
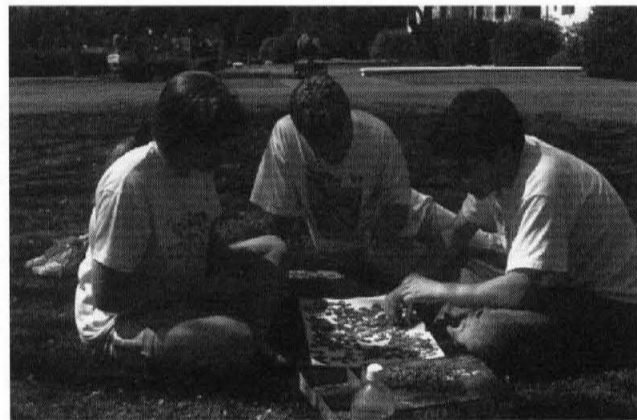
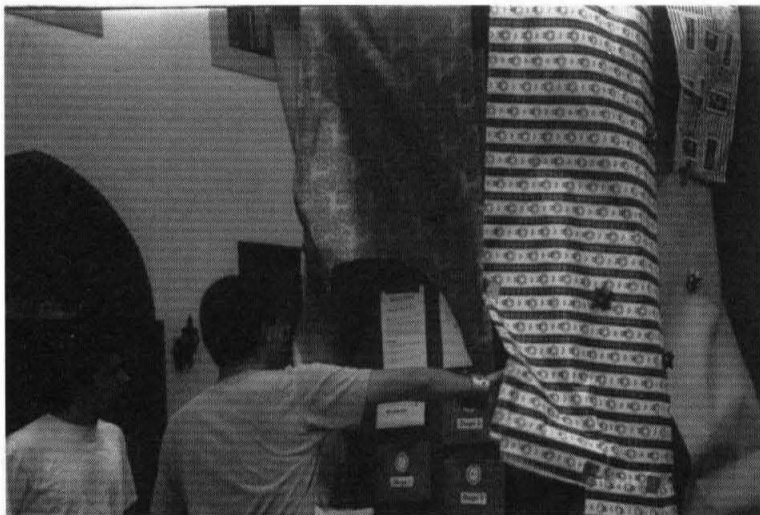


## DITCH DAY

*Left:* Fred Duewer, David Smith, Roto-Rooter, Karen Casciotti, Brien Oberstein, and Mike Medaglia march forth to destroy the ring in Amit and Nirav's "Lord of the Rings" stack.

*Below left:* Matias is filled with awe as Dave Perlman rips open Monica and Debi's "Phantom Tollbooth" stack.

*Below right:* Jenny, Dori Levanoni (Jr.), und Art arbeiten ans der Kindergarten Stacken der DAX und Presto.



*Above:* Julius and Sunshine challenged underclassmen to find obscure places on campus (like Snake, home of Historians).

*Above:* Brendan Dunn, Andrew Tong, and Sean Vellucci pose by an old gas station as they trek across the country for Julian's "Route 66" stack.

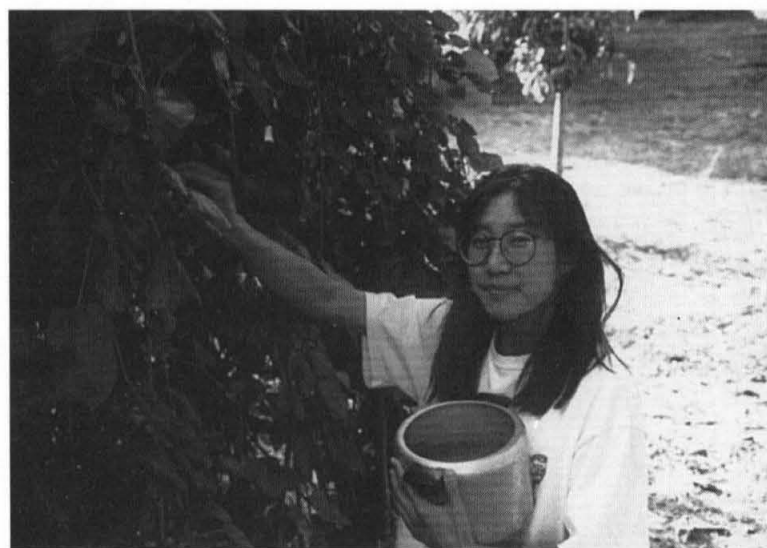
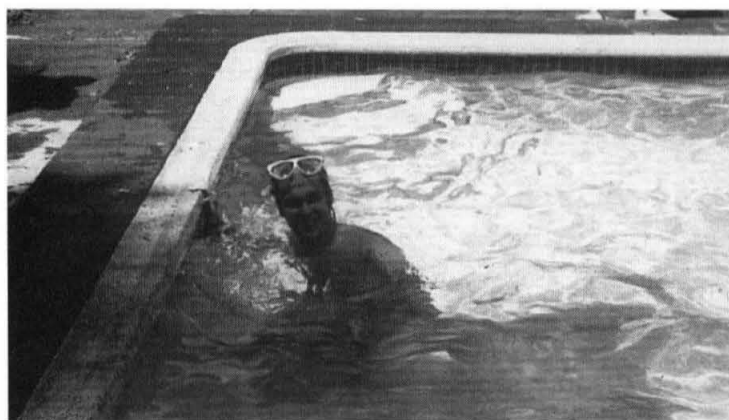
## CAPRA WEEKEND

Nestled in the hills of Northern San Diego County is Caltech's Capra Ranch. One weekend in May, members of Ricketts House vacation here, relaxing amongst the orange groves and gardens.

*Right:* Believe it or not, Paul is completely sober in this photograph.

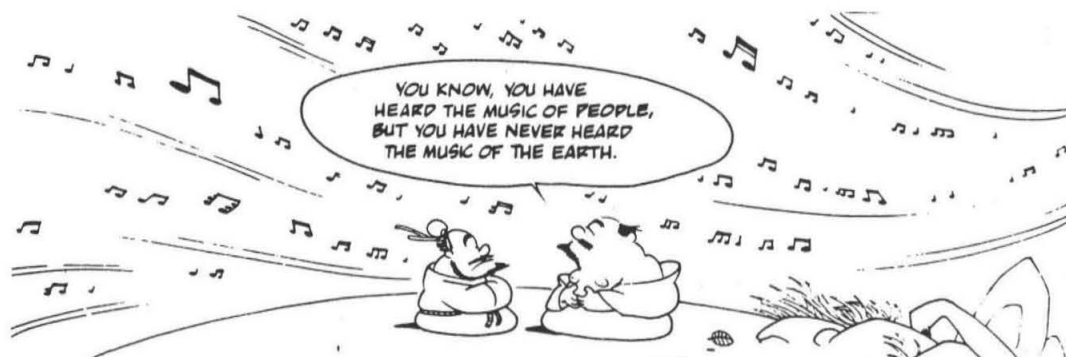
*Below left:* Preston is our bathing beauty.

*Below right:* Monica Oei gathers mulberries for dessert, reminiscing about home back East.



*Above:* Steve Sobelman and Xeno Derer in the "Capra Unplugged" sessions.

*Right:* Rachel Hunter and Mihoko Kato watching scenery from the deck.

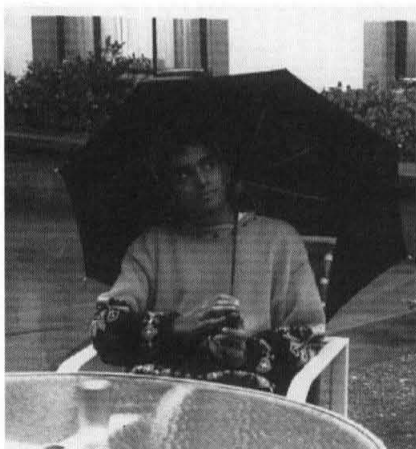
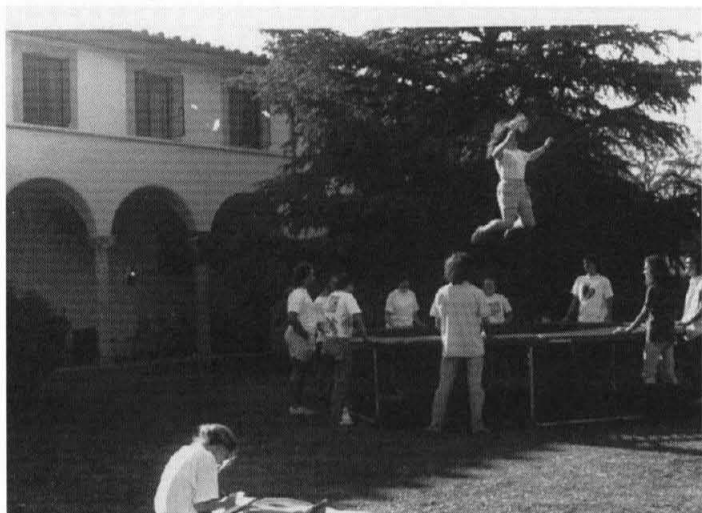






*Left: A rousing courtyard game of Tug-of-Wally.*

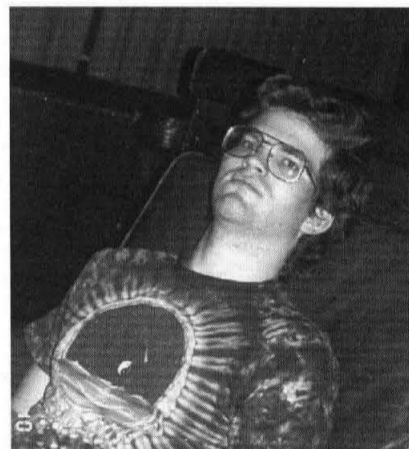
*Below left: Luckily, we positioned the trampoline just right for Yani's descent from 30,000 feet.*  
*Below right: Maestro Julian Chen bids farewell to his appreciative audience and to the Big T.*



Anoop Sinha  
 Photography, Layout  
 Julian Chen  
 Photography and Special  
 Help

#### House Minor Officers 93-94

Historians	Adam Villani Anoop Sinha
President	Dave Perlman
Vice President	Matias Elijovich
Treasurers	Michael "Zeus" Su Mickie Wilber
Social Vice	Jenny Cormack Jane Oglesby
Social Team	Art Clarke Michael "Wart" Thomas Gisela Rodriguez-Sandoval
Secretary	Tom "Tom" Lechner
Librarians	C. Kevin Boyce Keith Counsell
Ath Managers	Kevin Neville Patrick Spradlin
Food Rep	Anne "Rhubarb" Dudzik



Adam Villani  
 Layout, Photography  
 X-tra Big T Fun: Find  
 which pages Adam did and  
 which ones Anoop did.

# FRESH

Class of '96. In blocks, l-r, top to bottom: Leonard Dvorson, West Burghardt, Huy Le, Chris Hance, Albert Lee, Nathan Mates, Hansel Lo, Rob Nostrant, Tal Margalith, Carlos Aldana, Tej Kasturi, Eve Andersson, Ali Boehm, Steve Wong, John King, Chris Marsh, Jeff McMillan, Donna Akutagawa, John King/Chris Marsh, Lily Chang, Suzanne Nguyen, Srdjan Sobajic, Ross Brown, Joe Ringgenberg, Clifton Kayano, Helen Tsao, Wayne Yoshida, Suzanne Nguyen, Josh Dyer, Francisco Gutierrez, Dave Plurad, David Cuthbert, Ravi Montenegro, Adil Karim, Steve Lieske, Becky Blankenburg, Daniel 'Danish' Hanish, Kim Komisarek, Rob Bergeron, Elizabeth 'Rees' Price, Dave Bartolomeo, Atul Salvekar. Not pictured: Janet Sun, Clover Huang.



## Sophomores

Class of '95. Stephen Tang, Serge Belongie, June Fujimoto, Justin 'Jester' Stapleton, Leslie Lee, Pat F. Yue, David 'D.A.' Kornreich, Mike Zienh, Jon McDunn, Mike Kim, Will Chuong, Walter Jones, Craig Tibbets, Vance Bjorn, Al Ratner, Anandi Raman, Rhonda Morgan, Kristen Becker, Ron Steiger, Roshan Kumar, Schuyler Cullen, Steve Young, Chris Bryant and Jasmine Anderson. Not pictured: Vik Nanda, Asif Hassan, Jen Cato, Lekha Dasgupta, Ching Liu, Corinna Garcia, Steve Schultz, Clint Park, Joy Yamamoto, Sertac Uysal, Esmeralda Nava, Dennis Ugolini, Becky Zaske.



# JUNIORS

Class of '94. Front: Justin 'Jester' Stapleton. On truck: Paul Ainsworth, Rob Uglesich, Michelin Aldridge, Stephen Mast, Hans Hornstein, Mike Lin, Aron Rempel, Stanley Grant III, Charles Grosjean, Moeen Abedin, Lior Pachter, Erica Alliston, James Patton. Not pictured: Eric Wemhoff, Bob Fisher, Wen Hsieh, Heath Hunnicut, Nicole Cherry, Betsy Barton, Nina Cardoza, Linda Springer, Erica Carlson, Berta Yezrielev, William Zen.



# Seniors

Class of '93. Front: Todd Gustavson, Ali Mortazavi, Valerie Jacox, Jesse Haldeman, Melissa Li, Steve Chang, John Grade, Amy Hansen, Kim Gin. Back: George Fox, Kris Blouke, Tarun Kapur, Ed Etzkorn, Jeff Foust, Roanna Doty, Matt Durasoff, Doug Clowe, Tim Gerk, Jing Chao. Not pictured: John Krowas, Brady Montz, Kade Larsen, Phil Cofield, Karen Hong, Chris Orth, Pete Sturdza, Keith Oslakovic, Scott Halliday, Fatima Ebrahim, Jonah Michaud, Miran Rhee, Ahmed Serag, John Brodoff.

# The GAAC



All of the happy Rudds cheer (or otherwise display) their approval at the close of the Grand Amalgamated Alley Challenge.



Hans Hornstein gets pressed flat by the formidable Mike Kim.

Jing Chao, in her pumpkin shell armor, takes a moment to recover her breath.

Heath Hunnicut experiences the rewards of being Veep.

Kade Larsen and John Krowas appear on the Court of Mann in a scene not too unlike Spaceballs.

Huy Le, Steve Chang, Ed Etzkorn and Jen Cato dip into the tofu-till.

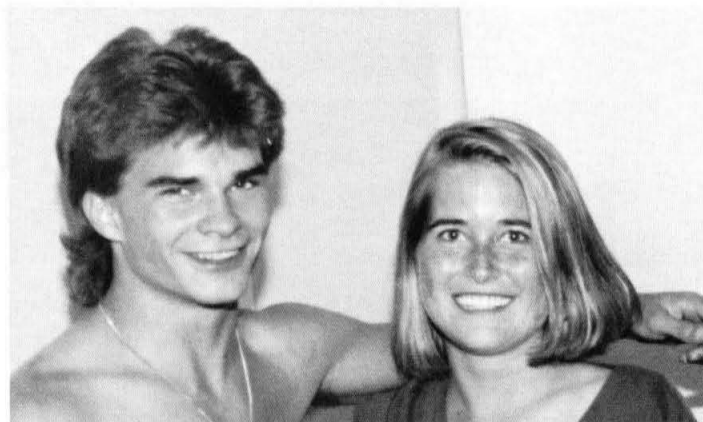






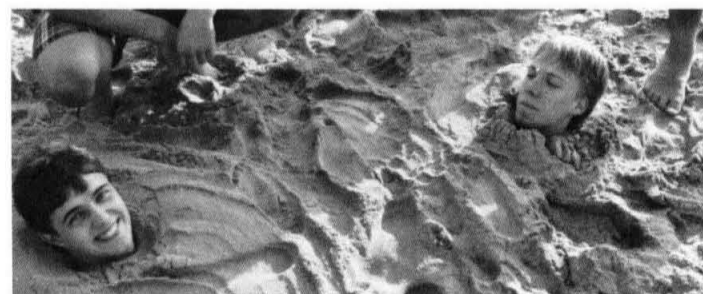
Mateo Vazquez stretches to get a kink out of his wrist as he relaxes on his towel during the beach trip.

Ross Brown and Becky Blankenburg display the fruits of their work during hassle week. Written on their bodies (in lipstick) are the phone numbers of various students at Occidental.

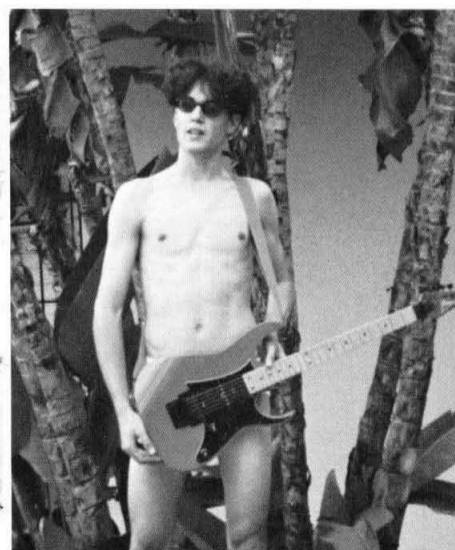


Kim Gin and Tim Gerck smirk as Ching Liu leads a new Rudd to her fate upstairs at the end of Rotation.

Every year, the PCC billboard is subjected to the perpetrations of the Ruddock frosh.



Heath Hunnicut and Joe Ringgenberg lay helplessly buried in the sand during the beach trip. Heath nods his approval of where Joe's feet have found their way.



Josh Dyer proudly poses with only his shades, guitar, and tighty-whities for the swimsuit issue of the BFD.



Heath Hunnicut, Chris Bryant, Justin "Jester" Stapleton, Hans Hornstein, Pat F. Yue, Nathan Mates and Adil Karim get pumped up shortly before throwing the ill-fated Lloyd House toll-booth off of Beckman Institute. The toll-booth had been erected by a group of Lloydie frosh in an attempt to charge Rudds for using Lloyd House as a hallway.

Jester plays Santa as Kirsten Becker checks to see what's in the bag.



Indiana Ed holds his trusty bull-whip.

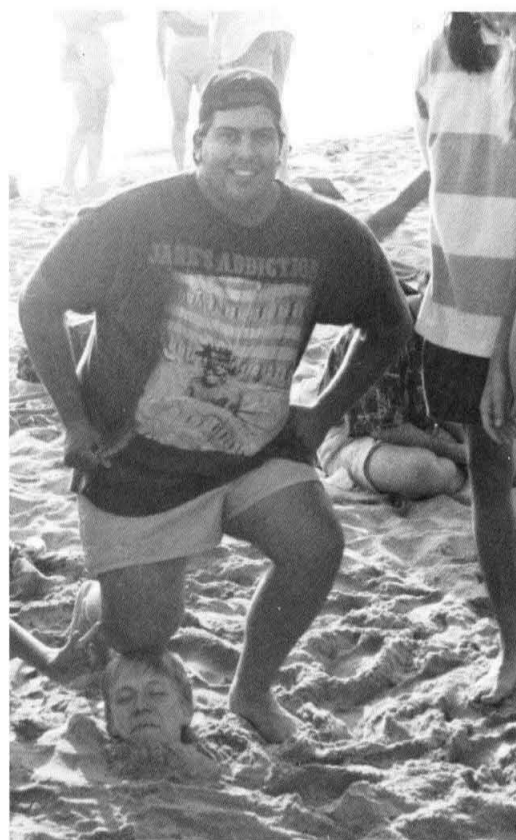


Fire!

Mateo claims victory over his captive, Joe Ringgenberg.



Heath gives a look of surprise.

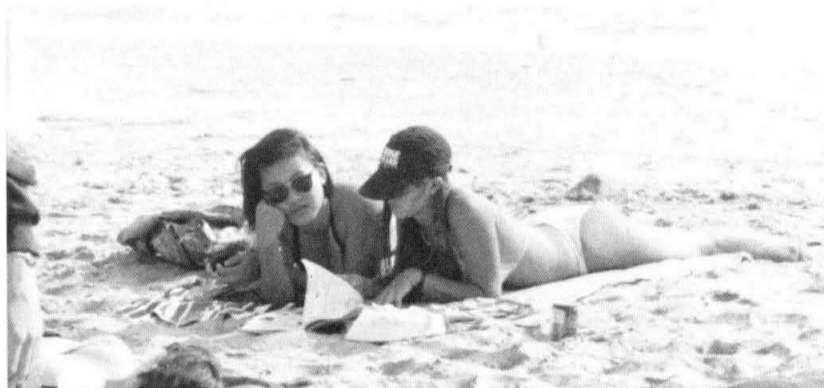






Lekha Dasgupta enjoys herself at the beach.

Future Rudd David Cuthbert during rotation week.



Whatever you say, Mikey.

# ExComm



Old ExComm: John Grade, Treasurer; Ching Liu, Librarian; Stanley Grant III, Secretary; Ed Etzkorn, President; Heath Hunnicut, Vice President; Jasmine Anderson, Chris Bryant, and Anandi Raman, Social Team; Schuyler Cullen, Athletics Manager. Not Pictured: June Fujimoto and Keith Oslakovic, Athletics Manager; Rhonda Morgan and Michelin Aldridge, Social Team.



New ExComm: Joseph Ringgenberg, Librarian; Robert Bergeron, Dennis Ugolini, and Ron Steiger, Athletics Managers; Stanley Grant III, President; Vik Nanda, Vice President; Jester Stapleton, Secretary; Jon McDunn, Treasurer; West Burghardt, Jen Cato, Lekha Dasgupta, D.A. Kornreich, and Erica Alliston, Social Team.

Arrrrgh!







UCC's John Krowas, Robert Uglesich, Steve Chang, Jing Chao, and Kim Gin. Not Pictured: Kade Larsen.



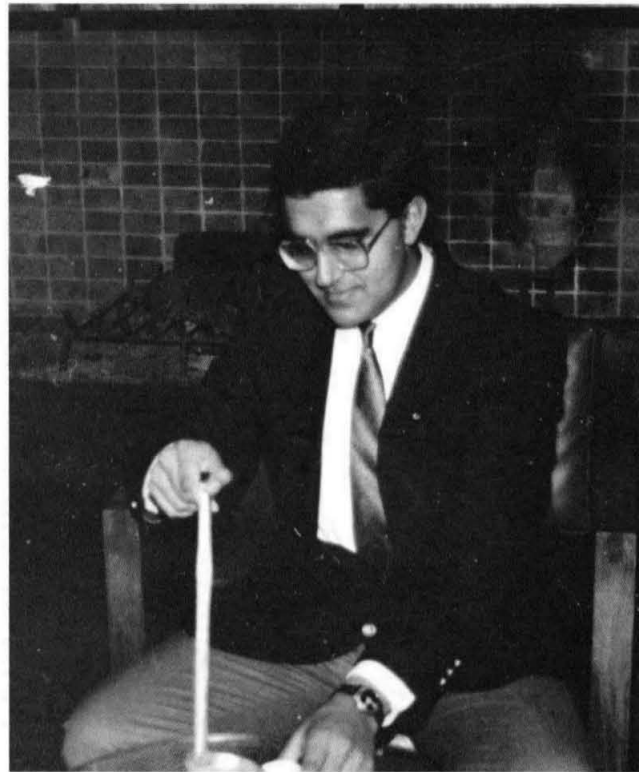
Kade Larsen, UCC of Alley 3, presents Jeff McMillan, Tal Margalith, Steve Lieske, Nathan Mates, Clifton Kayano, Erica Alliston, Carlos Aldana, and David Cuthbert.



President Stanley Grant III cuts his specially made cake.



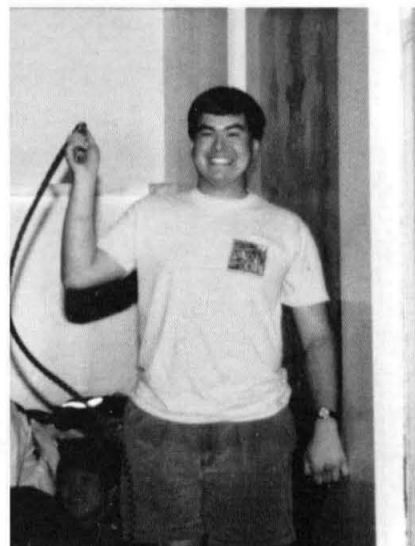
John Krowas, UCC of Alley 4, presents Chris Marsh, Donna Akutagawa, Josh Dyer, Dave Bartolomeo, West Burghardt, Ali Boehm, and Atul Salvekar.



Vik doles out some Veep punch.



Steve Chang, UCC of Alley 5, introduces Huy Le, Adil Karim, Eve Anderson, and Joe Ringenberg.

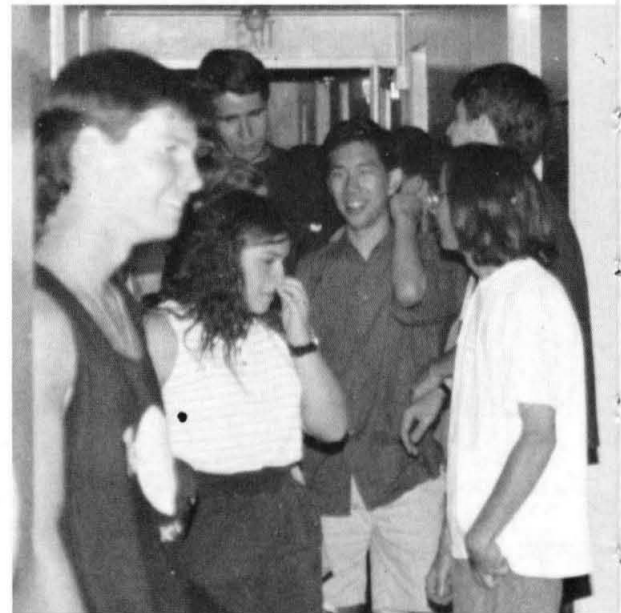


Ed Etzkorn gets riled up during his bull whip performance art during his last dinner as President.

Jasmine Anderson and Anandi Raman soak up the sun on the sand while Ari Kaplan exists somewhere behind them.



Anxious frosh and Rob Bergeron wait to see if they have been picked into Ruddock House on the last day of Rotation.



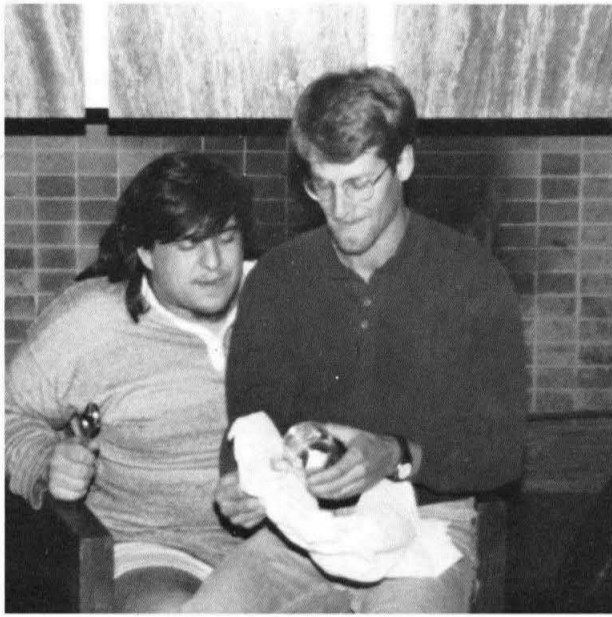
Kowabunga!

Michael Roy says "Whoa!" as Walter Jones gets just a little bit wacky. . .

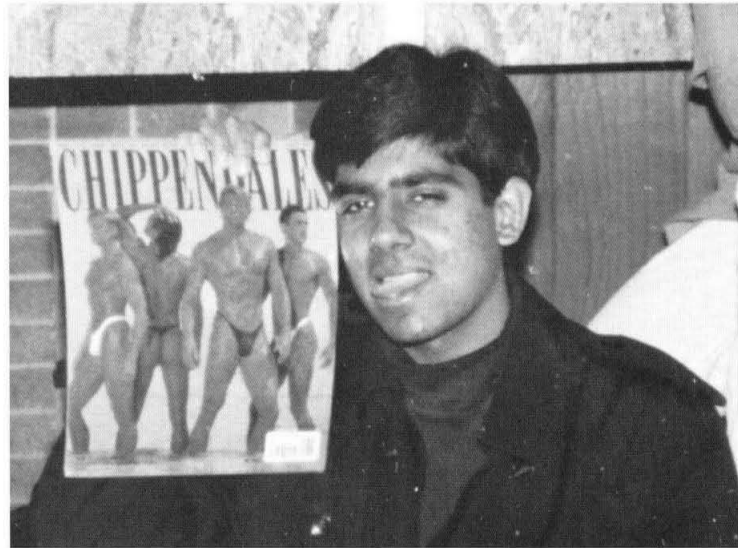
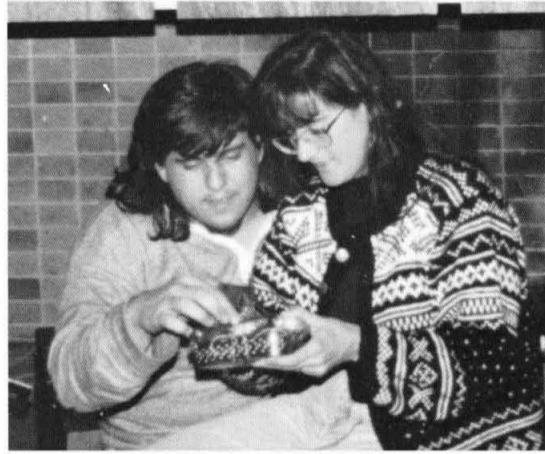
West Burghardt lets Joe Ringgenberg have it on the floor in 4.5.







Jester presents Ruddock RA's Doug Yule and Becky McGrew their respective Secret Santa gifts.

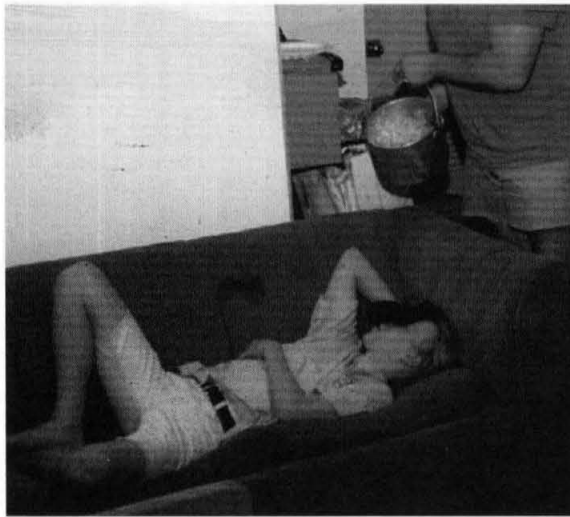


Vik Nanda unleashes his newly received, anatomically correct Secret Satan gift.

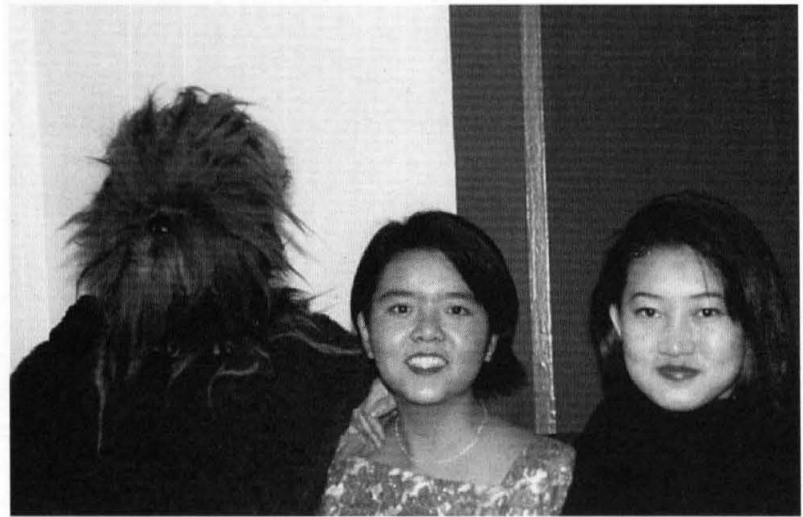
Adil Karim shares his joy over his new swimsuit calendar.

The Huyzel stretches to kiss the invisible person in front of him as waiter Chris Bryant looks on in surprise.

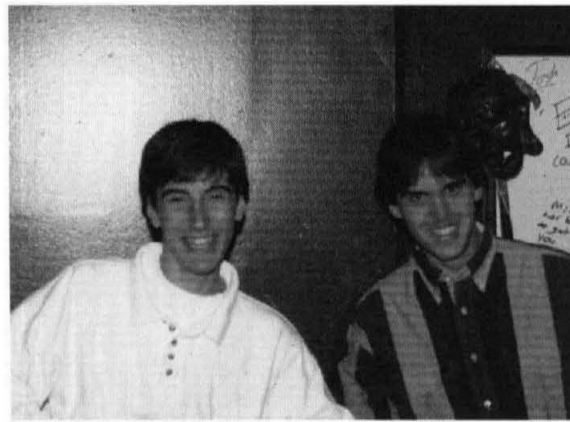




Mateo prepares to wake up Joe.



Chewbacca (Moeen), Lily and Janet.



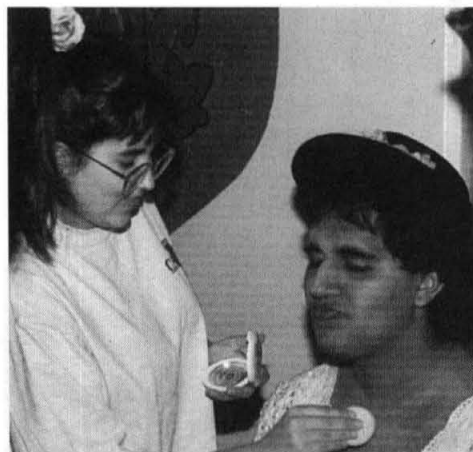
Tal and Jeff stop to look sharp in Alley 4.



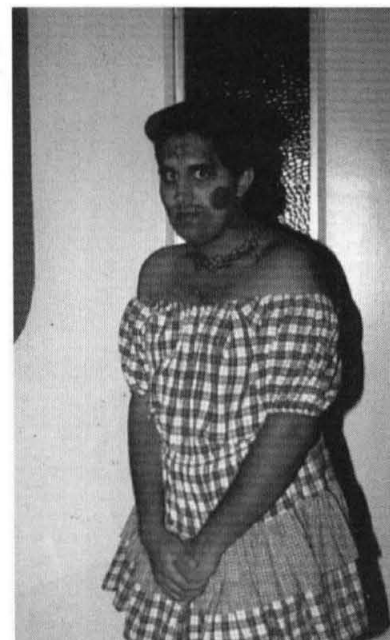
Roommates Helen and Rhonda.



Vik prepares for the Veep makeover.

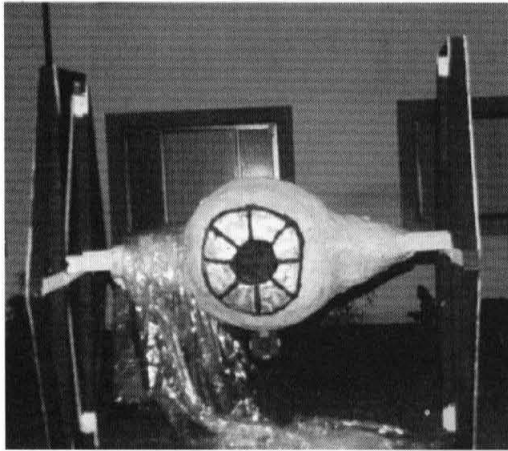


Electrolysis can do wonders for that chest. . .



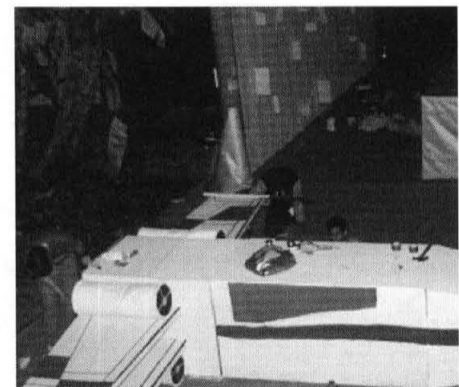


# OPI



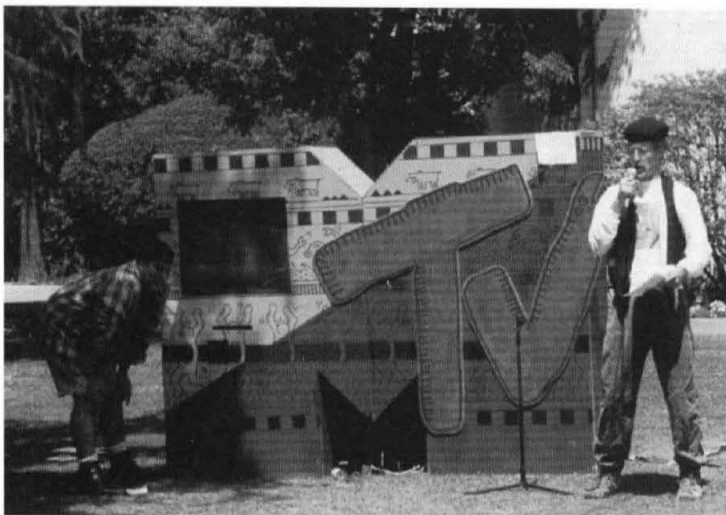
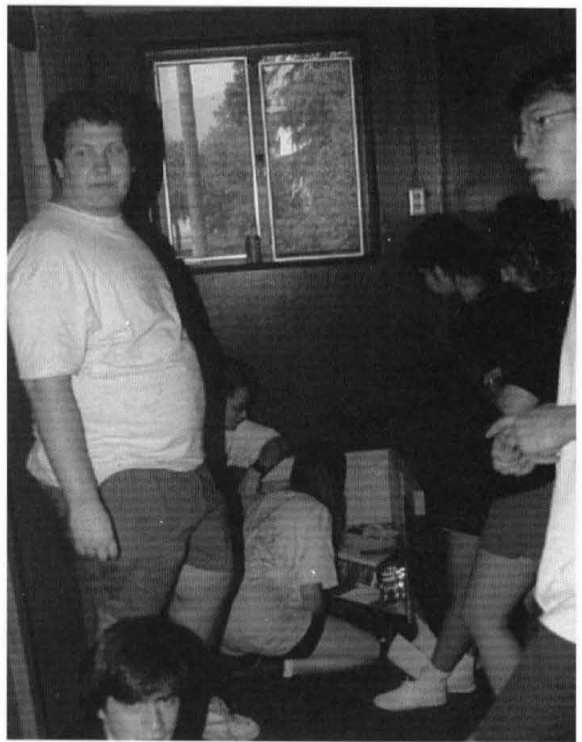
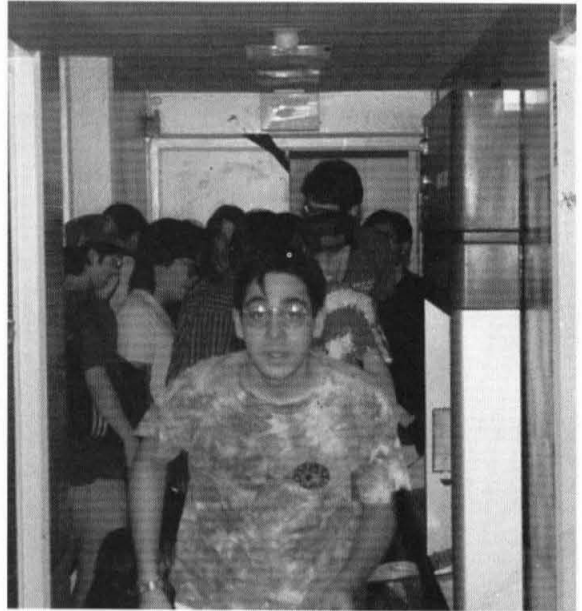
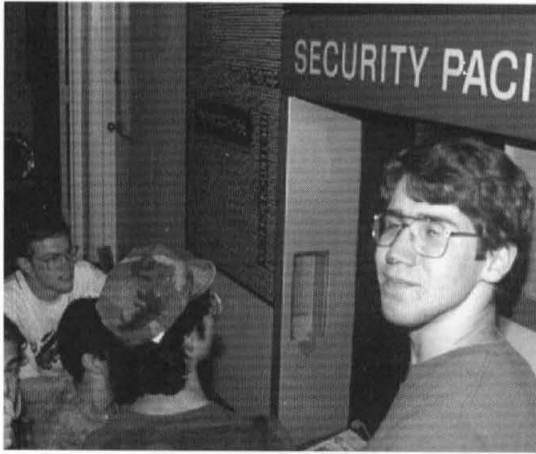
Danish makes a convincing Jabba.

Rhonda buys a T-shirt from Serge.



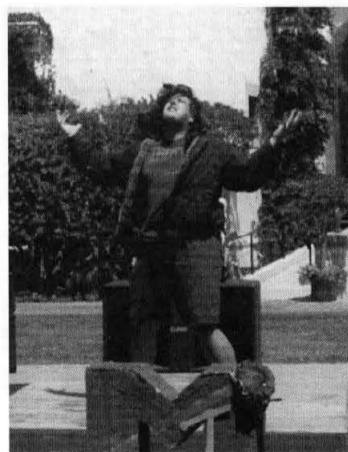
# STAR WARS







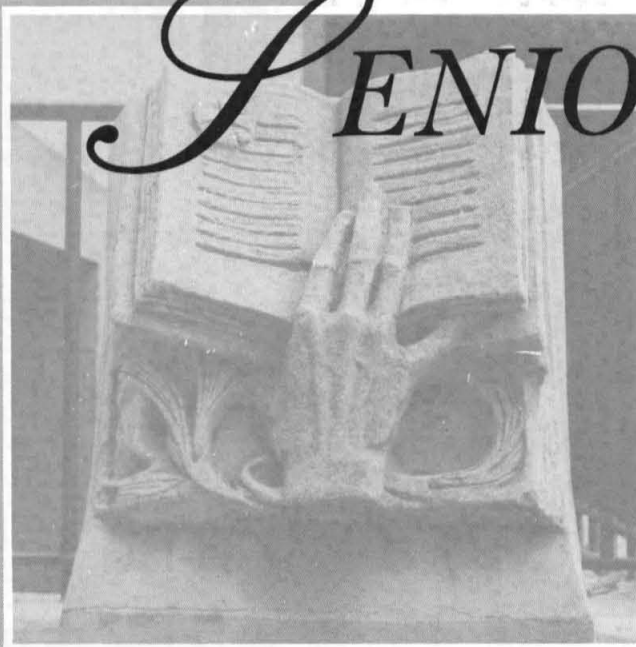
# Ditch Day







# SENIORS



*“To live only for some  
future goal is shallow.  
It is the sides of the  
mountain that sustain  
life, not the top.”*

Robert Pirsig, Zen and the  
Art of Motorcycle Maintenance

**Scot Fagerland**  
Rapid City, SD  
Applied Math



Live it up or never live it down.



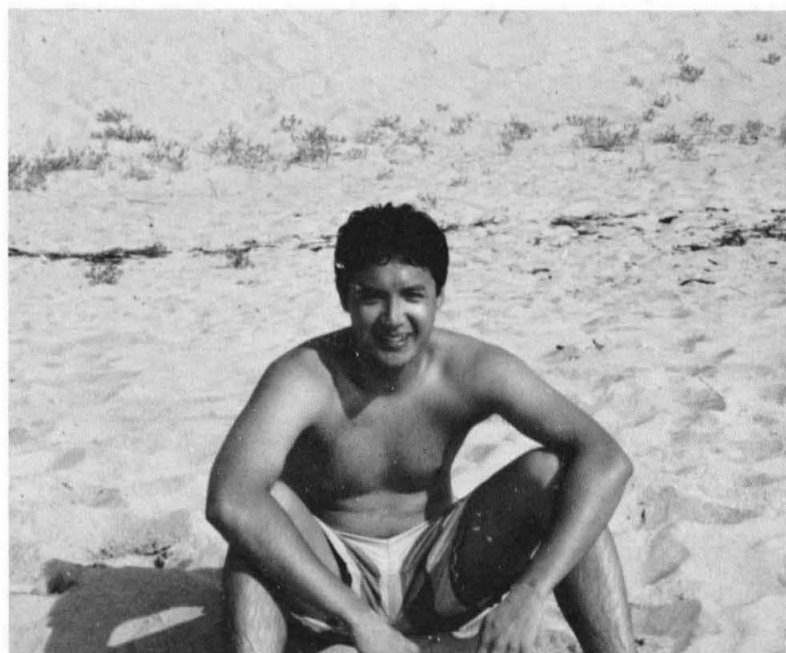
**Jonathan Briggs**  
Sewickley, PA  
E & AS



**Mark Savellano**  
Scottsdale, AZ  
Applied Physics

The woods are lovely, dark and deep,  
But I have promises to keep,  
And miles to go before I sleep,  
And miles to go before I sleep.

-Robert Frost  
"Stopping by Woods on a Snowy Evening"







**Jennifer Jungkuntz**  
Colgate, WI  
E & AS



The most exhausting thing in life, I have discovered, is being insincere.

Anne Morrow Lindbergh, Gift From the Sea



**Jennifer Mullin**  
Coronado, CA  
Applied Physics



Soon her eye fell on a little glass box that was lying under the table: she opened it, and found in it a very small cake, on which the words "EAT ME" were beautifully marked in currants.



**Julius Yang**  
Maryland Heights, MO  
Applied Physics



**Jennifer Dooley**  
Escondido, CA  
Applied Physics

It's been lovely, but I have to scream now.



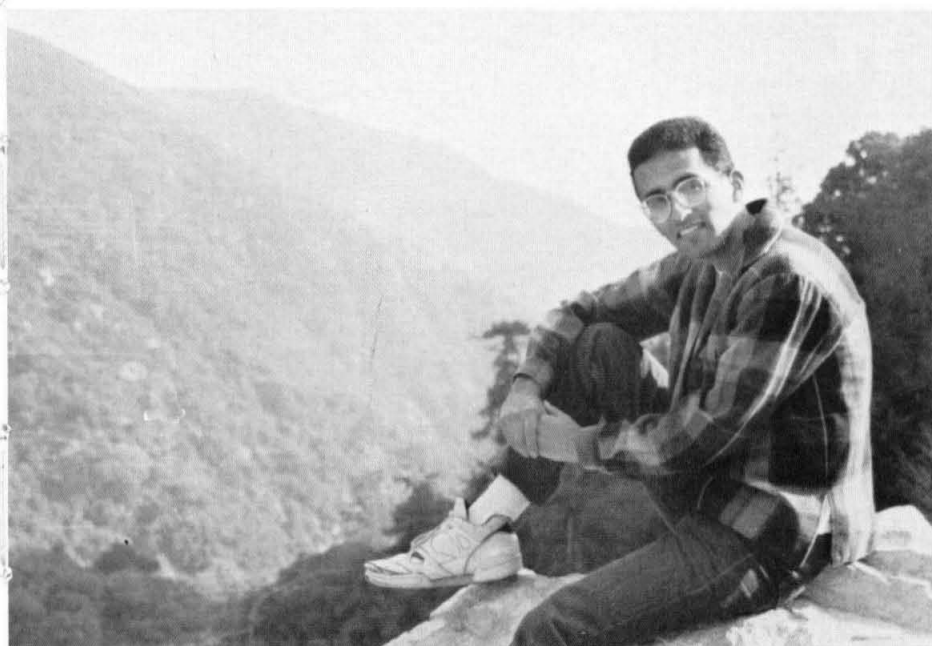


**Jennifer Remine**  
S. Dinnis, MA  
Mechanical Engineering

If you had tried to do something and failed, you are vastly better off than if you had tried to do nothing and succeeded.



**Maria Toronto**  
Stony Brook, NY  
Applied Physics



**Dan Sandoval**  
Santa Paula, CA  
E & AS

I went to see the doctor of philosophy,  
With a poster of Rasputin and a beard  
down to his knees.  
He never did marry, or see a B-grade  
movie.

He graded my performance, he said he  
could see through me.

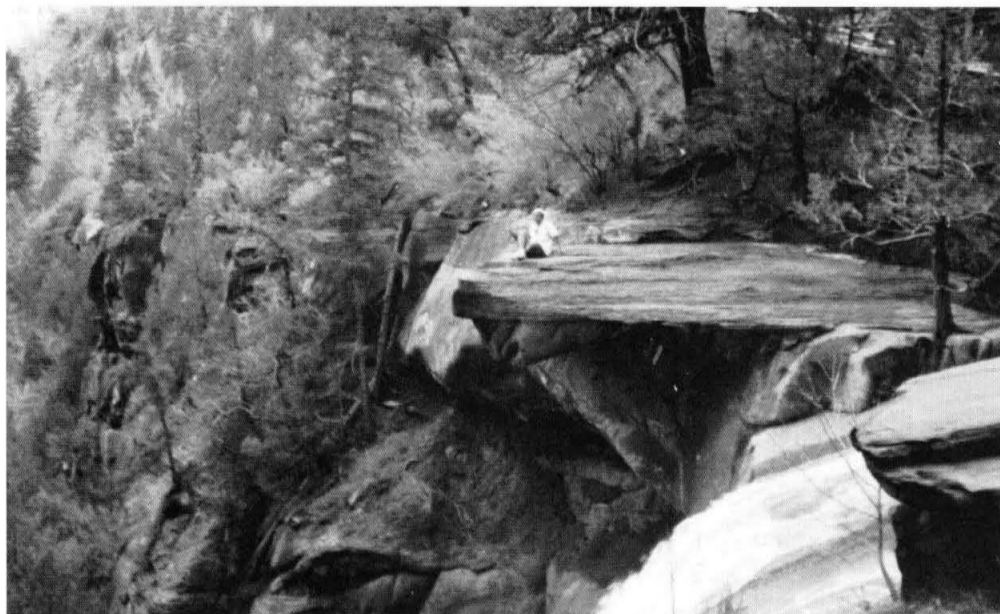
I spent four years prostrate to the  
higher mind, got my paper, and I was  
free.

*-Closer to Fine, Indigo Girls*

So . . .  
 be your name Buxbaum or Bixby  
 or Bray  
 or Mordecai Ali Van Allen  
 O'Shea,  
 you're off to Great Places!  
 Today is your day!  
 Your mountain is waiting.  
 So . . . *get on your way!*

-Dr. Seuss

**Jennifer Yu**  
 Williamsburg, VA  
 E & AS

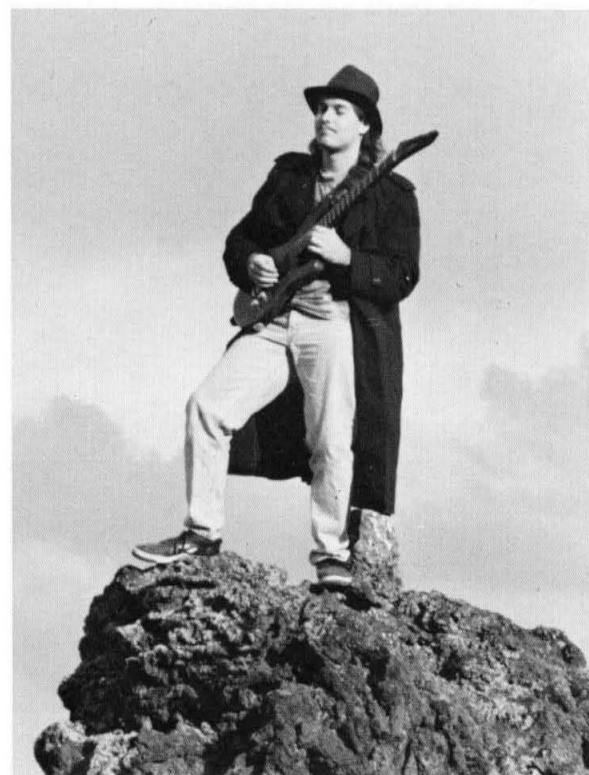
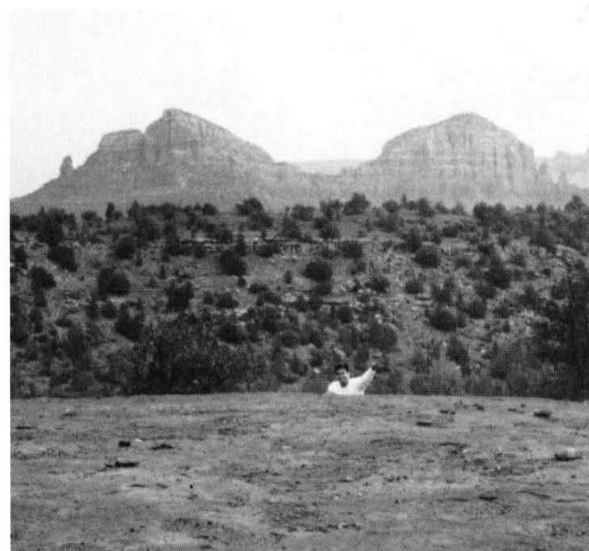


**Albert Lee**  
 Atherton, CA  
 E & AS

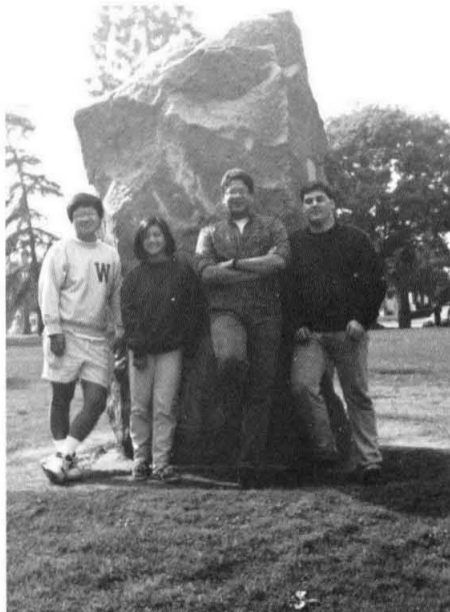
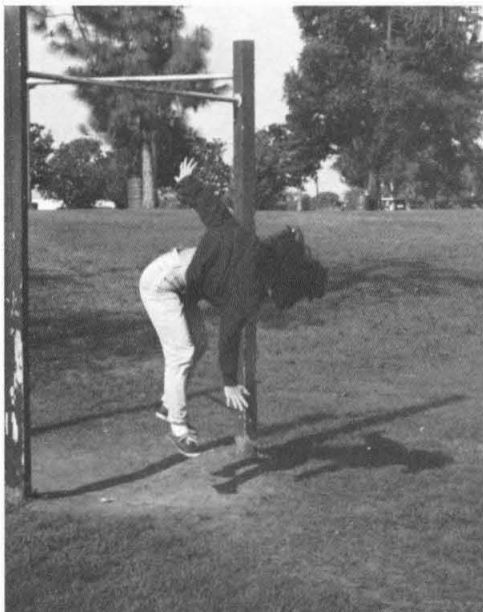


**Timothy Crowder**  
 Montague, CA  
 E & AS

B.S. I got your B.S. right here buddy!

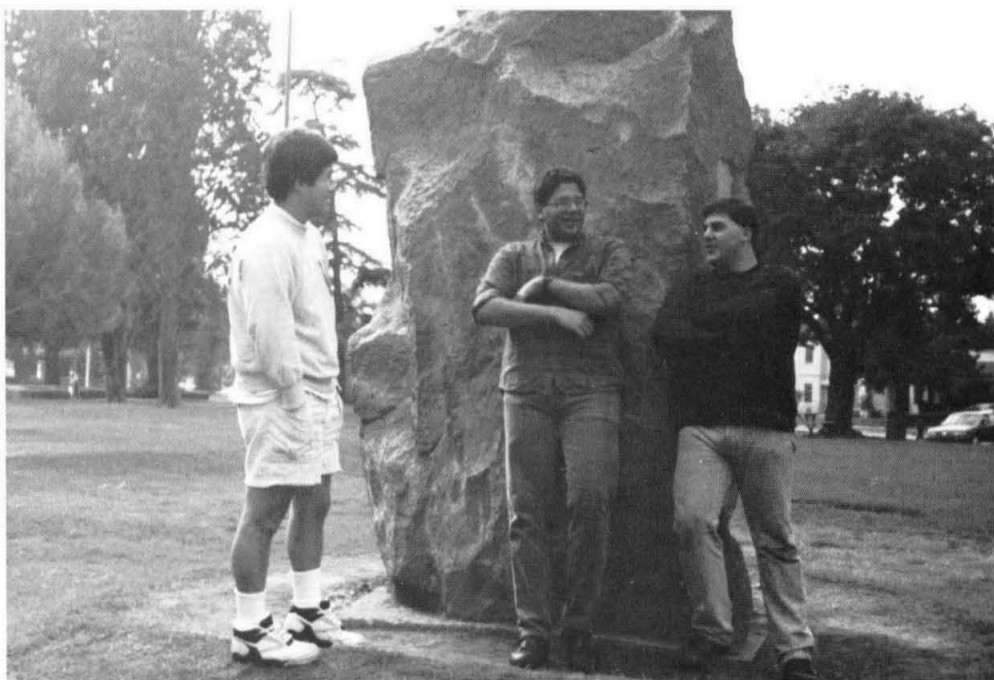






**Melinda Au**  
Fremont, CA  
Biology

**Ernesto Escorcía**  
Cali, Colombia  
E & AS



**Daniel Kim**  
Deerfield, IL  
E & AS

**Joseph Lauer**  
Pittsburgh, PA  
Electrical Engineering



**Jing-Tying Chao**  
La Crescenta, CA  
E & AS

Donuts . . . Is there *anything* they  
can't do?

Homer



**Dave Krider**  
Danville, CA  
E & AS/Economics

I don't think that there is a man,  
woman or child alive who  
doesn't enjoy a lovely beverage.  
-David Letterman



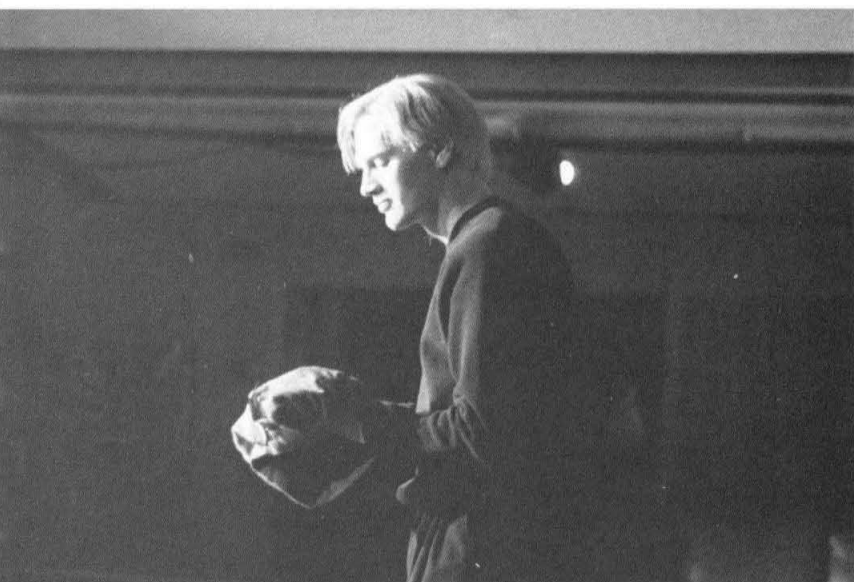


Don't be dismayed at good-byes.  
A farewell is necessary before you  
can meet again. And meeting again,  
after moments or lifetimes, is  
certain for those who are friends.  
- Richard Bach

"All these moments  
will be lost in time,  
like tears in rain."  
Rutger Hauer  
(in Blade Runner)

The bond that links your true family  
is not one of blood, but of respect  
and joy in each other's life.  
- Richard Bach

**Mark "Monty" Montague**  
Menlo Park, CA  
E & AS



Well — finally — it isn't a matter of  
reason; it's a matter of love.  
-Sir Thomas More

**Dan Dilling**  
Atherton, CA  
E & AS



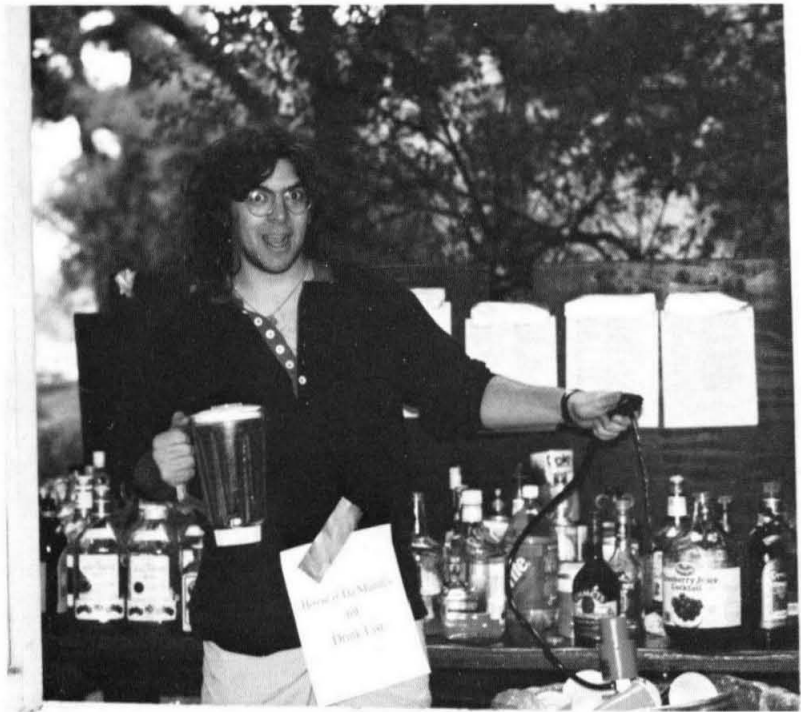
One thorn of experience is worth a  
whole wilderness of warning.  
-James Russell Lowell

Well, maybe not one . . .

**Anup Jatia**  
Nada-Ku, Kobe  
E & AS/Economics

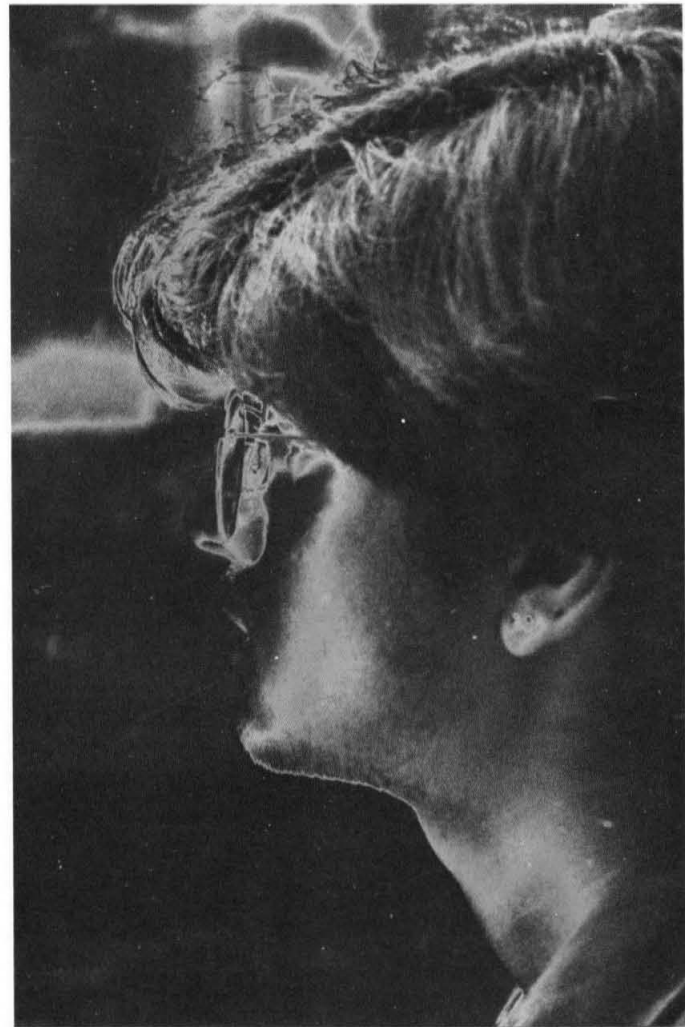


**Dan Frumin**  
Salisbury, MD  
E & AS



**Rajesh "Q" Bilimoria**  
Lubbock, TX  
Mechanical Engineering

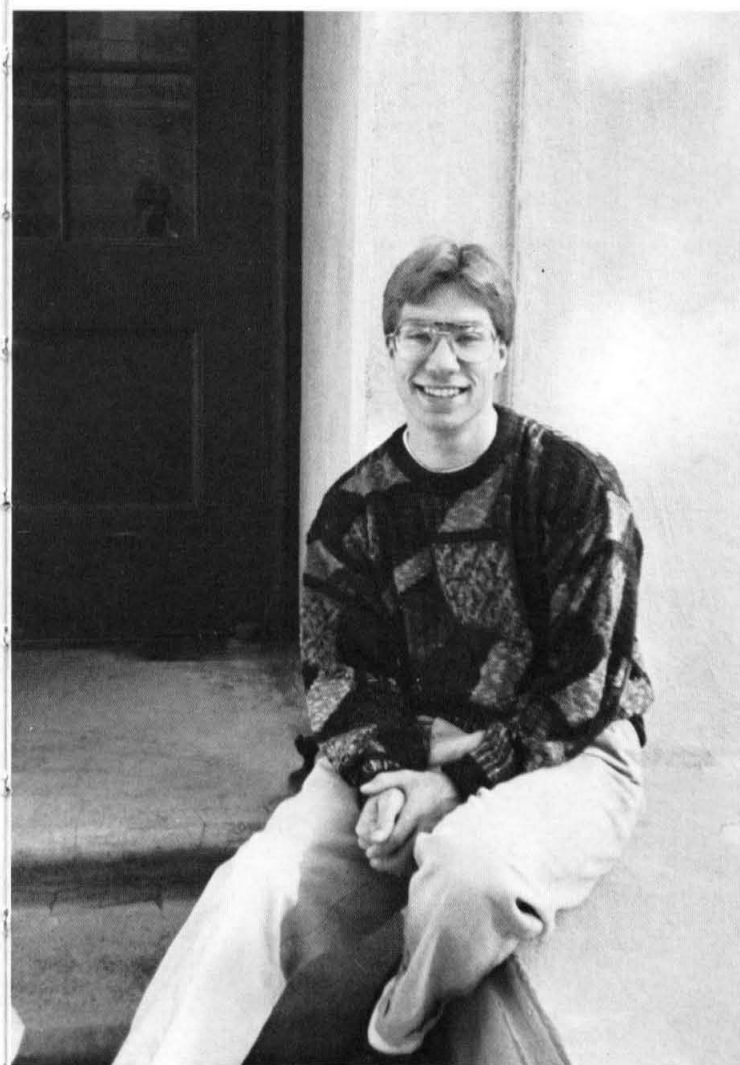
You have to systematically  
create confusion — it  
sets creativity free.  
Everything that is  
contradictory creates life.  
*-Salvador Dalí*







**Carl Feierabend**  
Houston, TX  
E & AS



**John Grade**  
Waunakee, WI  
E & AS

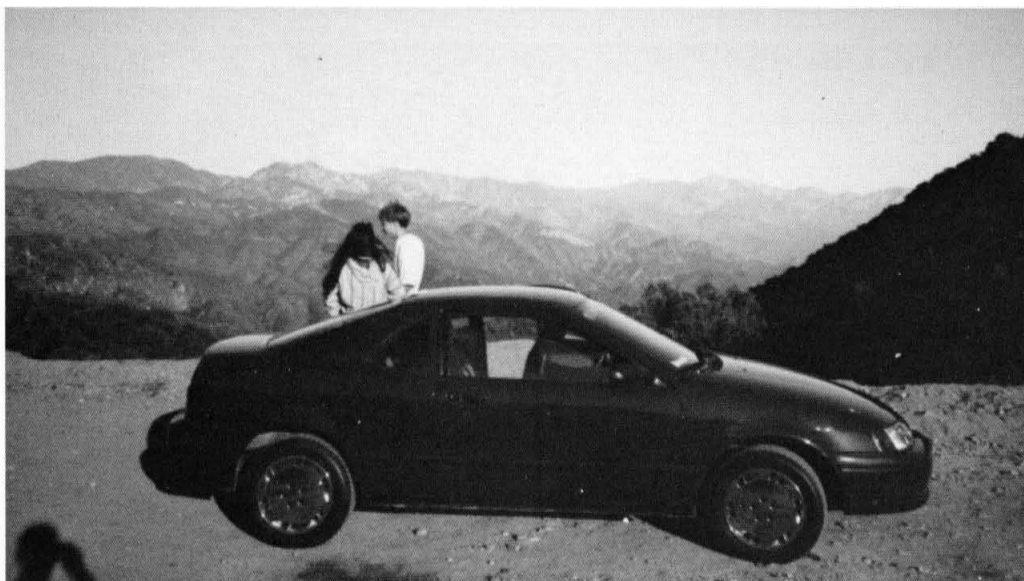


20 years makes all the difference.

**Ken Wiberg**  
North Hills, CA  
E & AS



**Alice Chan**  
El Monte, CA  
Electrical Engineering  
Sharing the horizon with a  
friend.



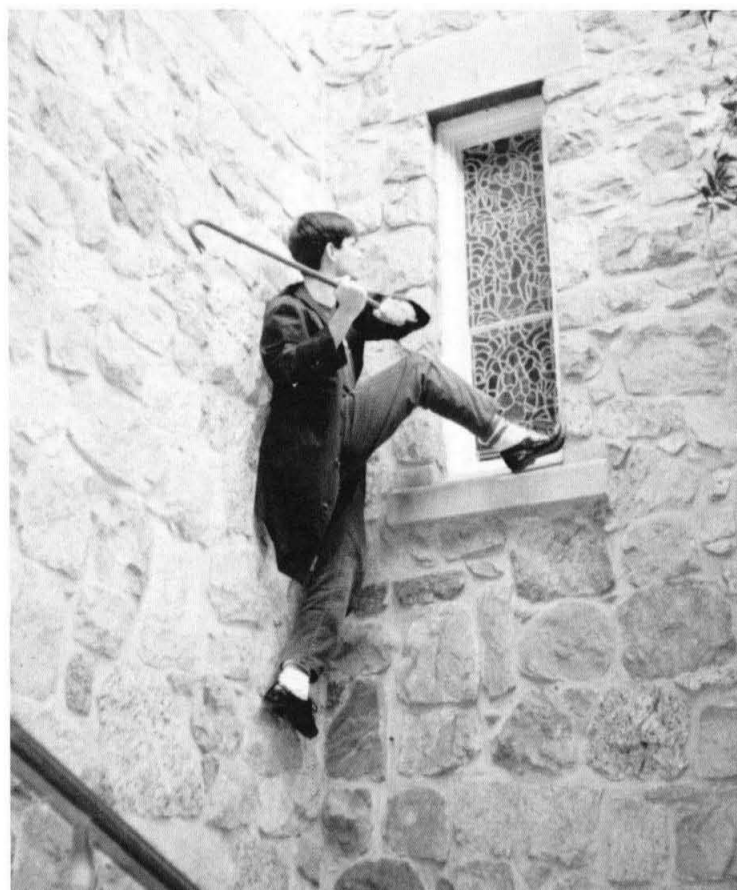
**Andrew Lavin**  
Swarthmore, PA  
Math/E & AS



**Michael Smith**  
S. Pasadena, CA  
E & AS

From the days of John the Baptist until  
now, the kingdom of heaven has been  
forcefully advancing, and forceful men lay  
hold of it.

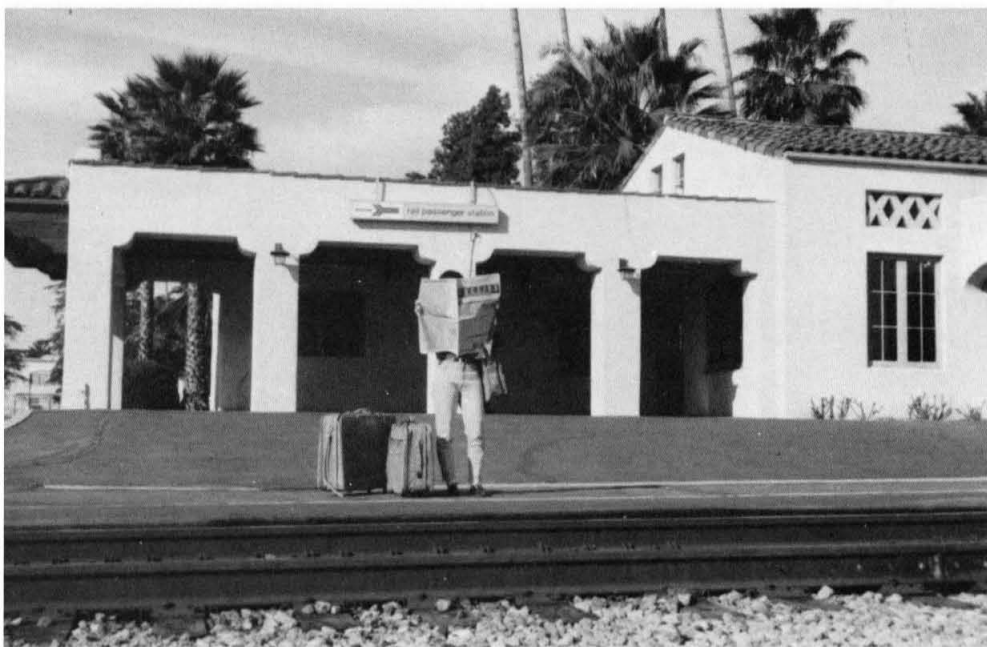
Matthew 11:12







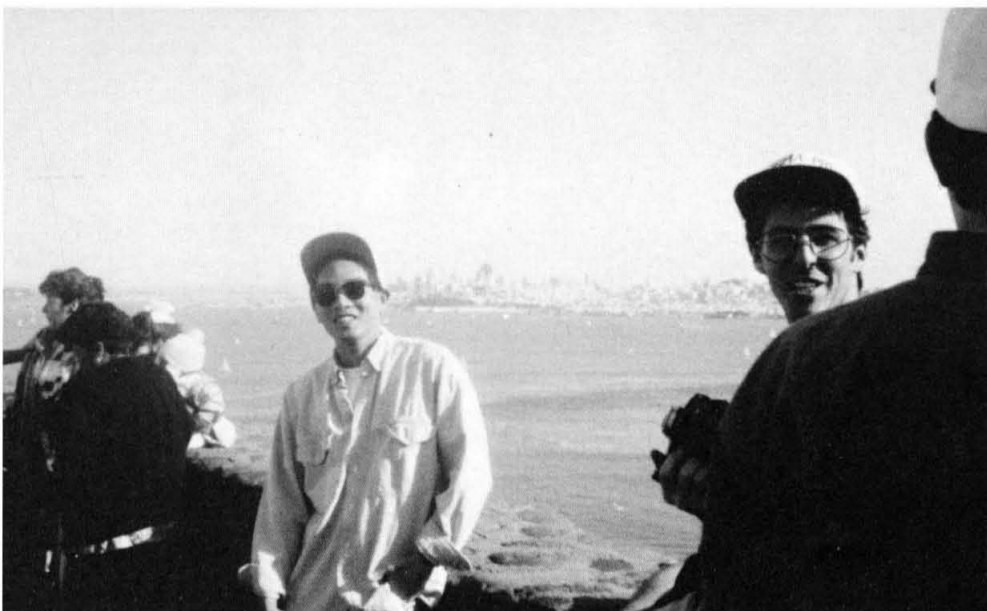
**James Alan Low**  
Upland, CA  
E & AS



**Karen Hong**  
Walnut, CA  
E & AS

... when life is done, death takes  
from each the garb that  
differentiates him, and all at last  
are equal in the grave.

-Cervantes, Don Quixote



**Danny Chu**  
Covina, CA  
Biology

**Stephen Heise**  
 Saint Louis Park, MN  
 Mechanical  
 Engineering/  
 Computer Science



**Matt Tucker**  
 Kailua-Kona, HI  
 Electrical Engineering



**Korhan Gürkan**  
Istanbul, Turkey  
Electrical Engineering

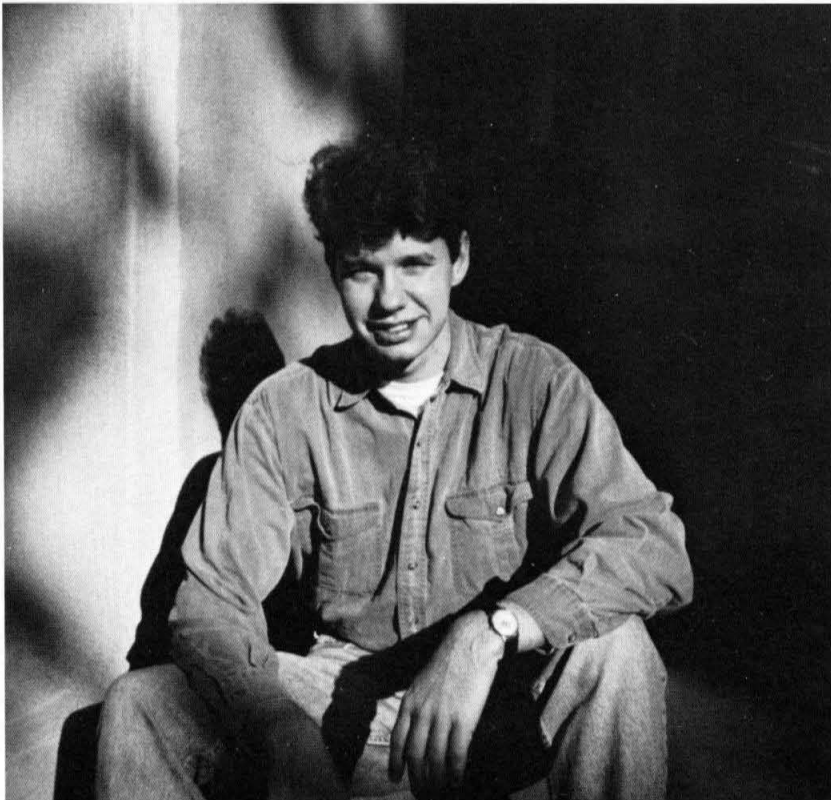
Aganta burina burinata . . .

-Aegean sailor



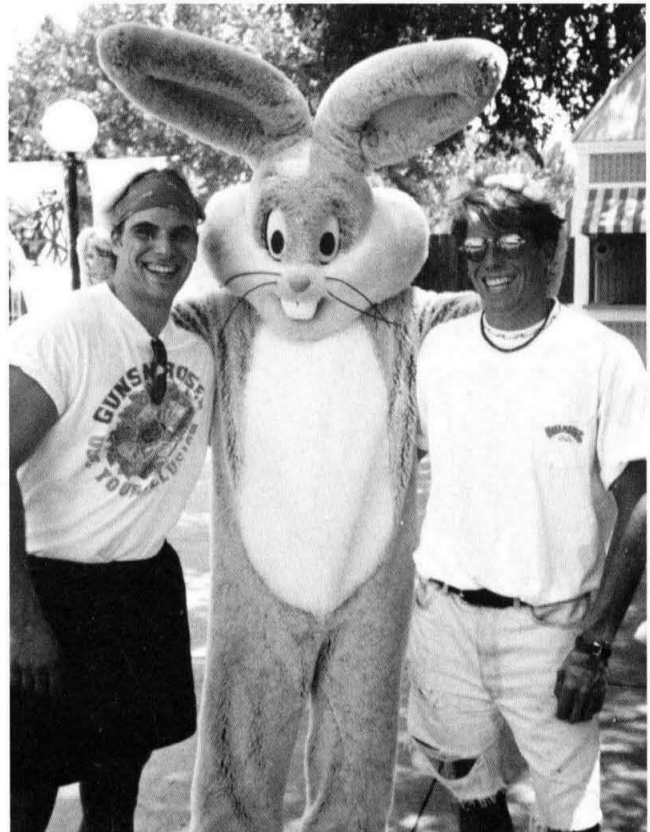
**David Banks**  
Winchester, MA  
Mechanical Engineering

It is not I who am crazy.  
It is I who am mad.



**Tim Gerk**  
Osage, IA  
Mechanical Engineering

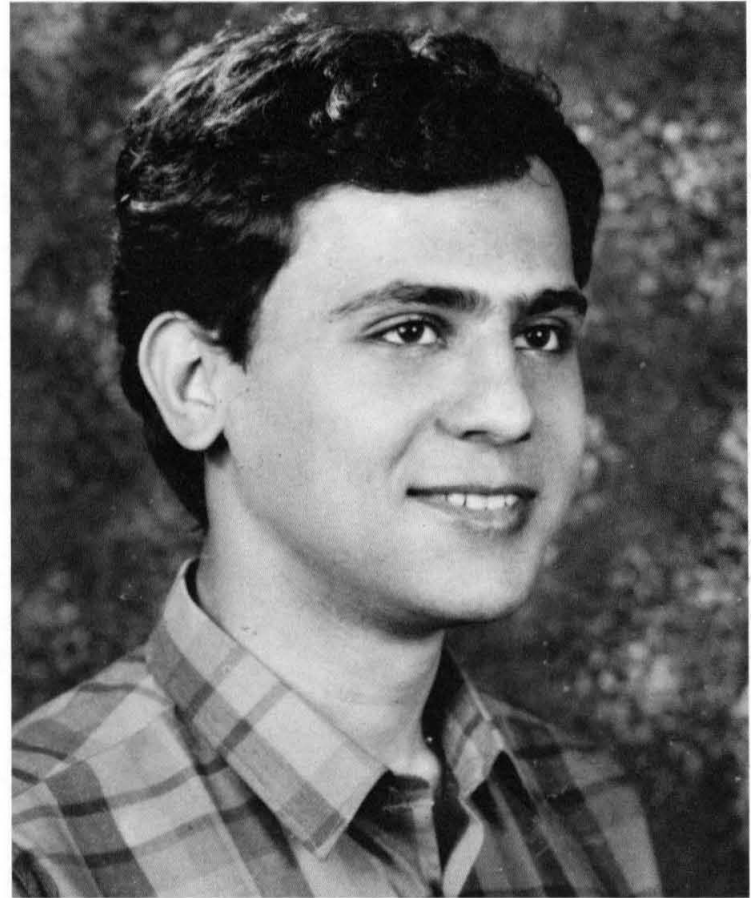
All in all, things'll turn out all right.



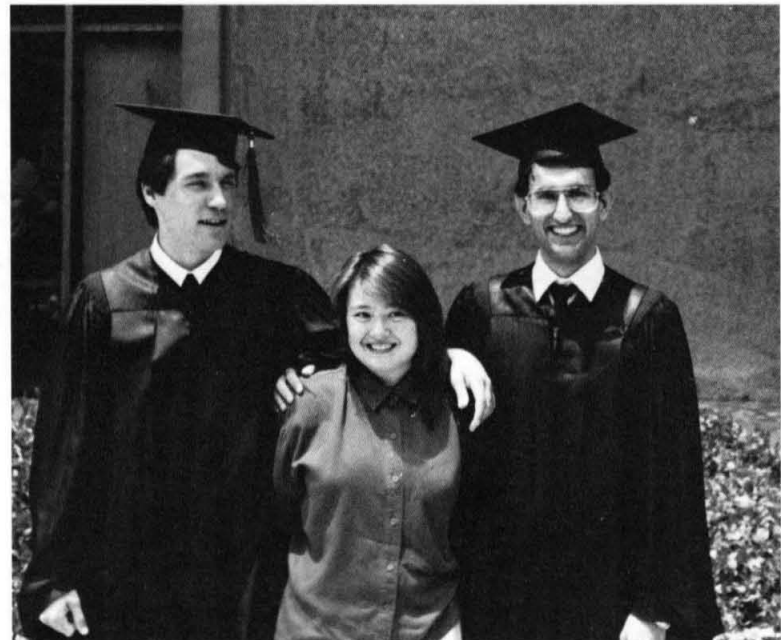
**Dirk Runge**  
Fair Haven, NJ  
Electrical Engineering



**Behnam Sadeghi**  
Tehran, Iran  
Electrical Engineering



The most valuable things  
I got out of Caltech:  
A stronger me,  
Two dearest friends,  
and  
the diploma



**Anthea Howell**  
Inglewood, CA  
Mechanical Engineering





**Ting-Kin Tam**  
Hong Kong  
Electrical Engineering



**Rob Underwood**  
Moreno Valley, CA  
Electrical Engineering



**Peter J. G. Caylor**  
Fairfax Station, VA  
Electrical Engineering

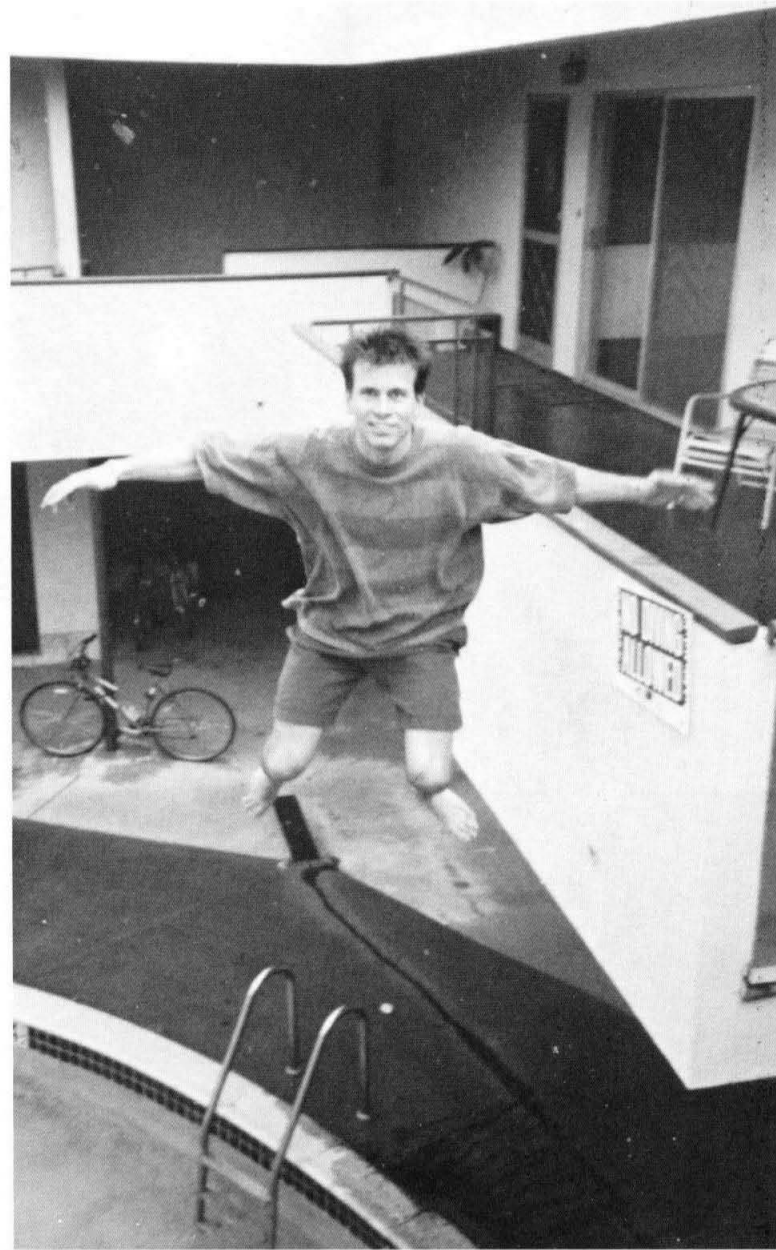
And to the victor do go the spoils of war.

Remember the golden rule: whoever has  
the gold, makes the rules.

**Jared Smith**  
Rapid City, SD  
Electrical Engineering

Fools mock, but they shall mourn.  
-Book of Mormon

**Yuan Tsung Tung**  
Buenos Aires, Argentina  
Electrical Engineering







**Greg Wardle**  
Galveston, TX  
Electrical Engineering

**Kevin Wang**  
Gainesville, FL  
Electrical Engineering



**Francisco Herrero**  
Redlands, CA  
Electrical Engineering

**Steve Marschke**  
Bismarck, ND  
Mechanical Engineering

**Doug Shiels**  
Madison, CT  
Aeronautical  
Engineering

God created man in his image. . . . God blessed them saying: "Be fertile and multiply, fill the earth and subdue it. Have dominion over the fish in the sea, the birds of the air, and all the living things that move on the earth."

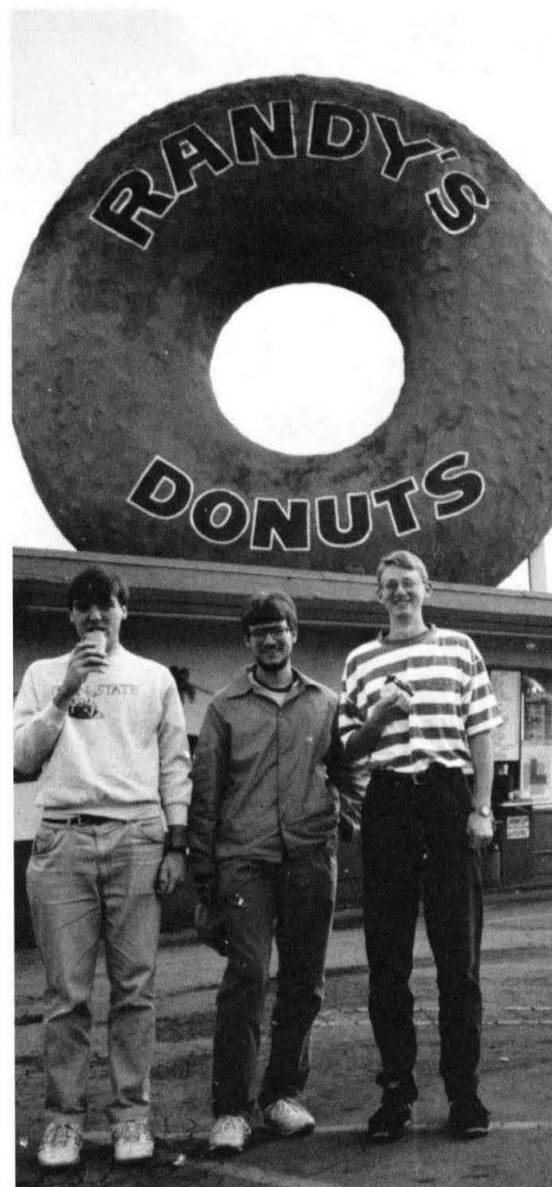
Original sin, the true original sin, is the blind destruction for the sake of greed of this natural paradise which lies all around us — if only we were worthy of it.

-Edward Abbey

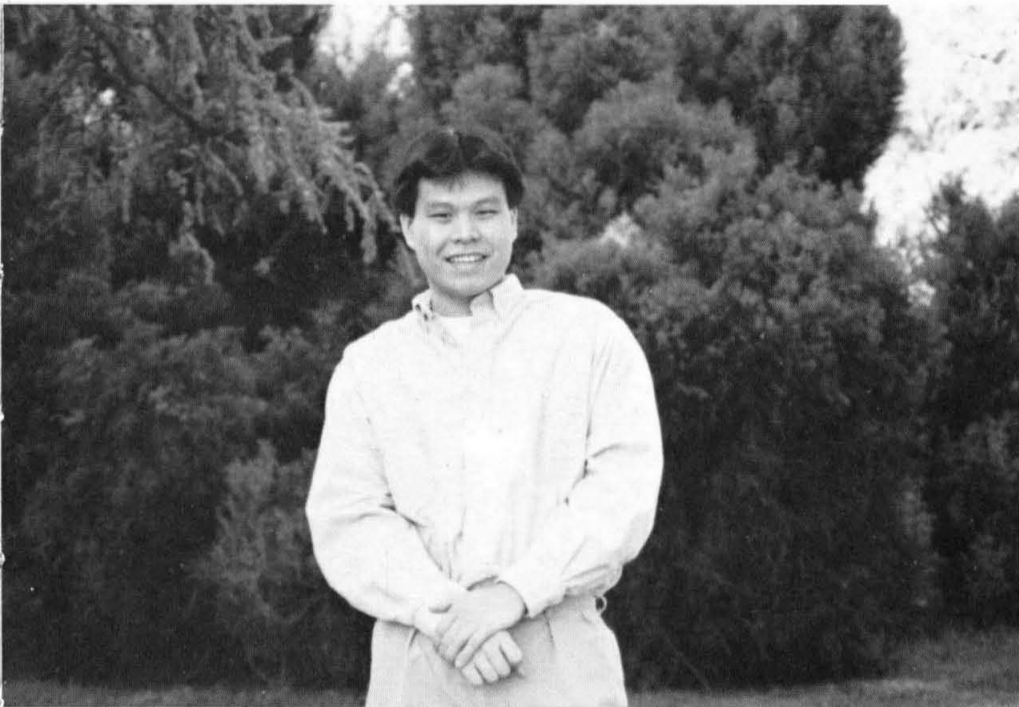
The question is, does the educated citizen know he is only a cog in an ecological mechanism? That if he will work with that mechanism his mental wealth and his material wealth can expand indefinitely? But that if he refuses to work with it, it will ultimately grind him to dust? If education does not teach us these things, then what is education for?

-Aldo Leopold

**Yan Fernández**  
Cape Coral, FL  
Astronomy



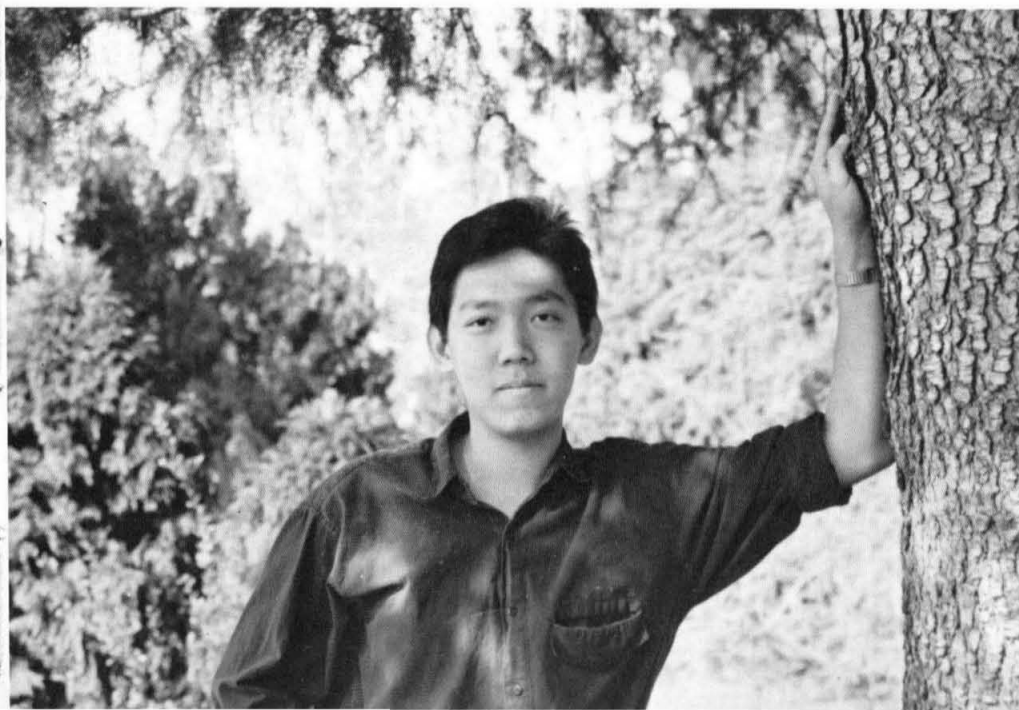




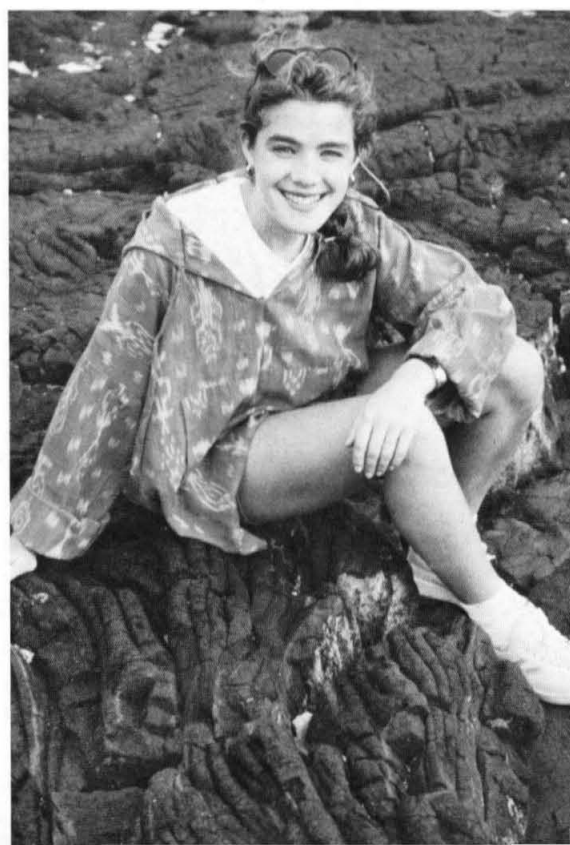
**Martin Lin**  
 Sugar Land, TX  
 Electrical Engineering  
 Cool, but uh . . . what is it?



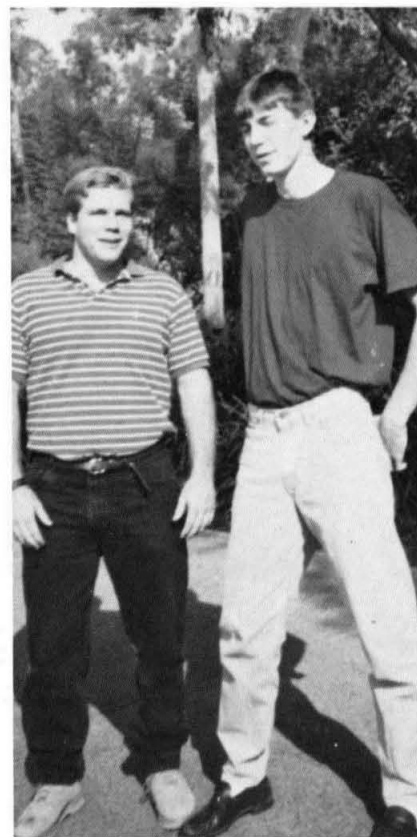
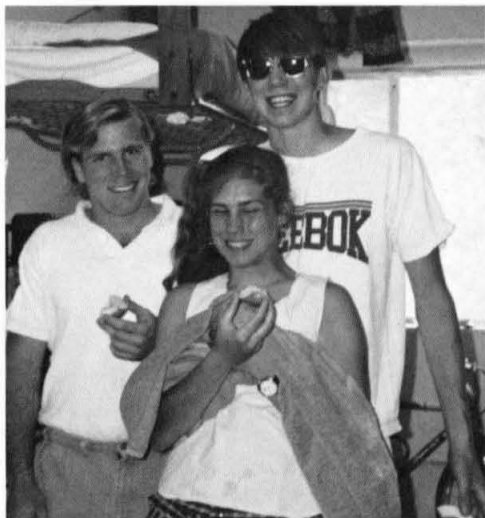
**Audra Meng**  
 Sterling Hts., MI  
 Electrical Engineering  
 I'd like to visit the jungle,  
 Hear the lion's roar,  
 Go back in time and meet a  
 dinosaur.  
 There's so many strange places  
 I'd like to be,  
 But none of them permanently.



**Jong Won Lee**  
 Seoul, Korea  
 Applied Physics  
 I will not cease from mental  
 flight, nor shall my sword sleep  
 in my hand.  
 -William Blake, Jerusalem







**Jessie Haldeman**  
Zanesville, OH  
Chemistry

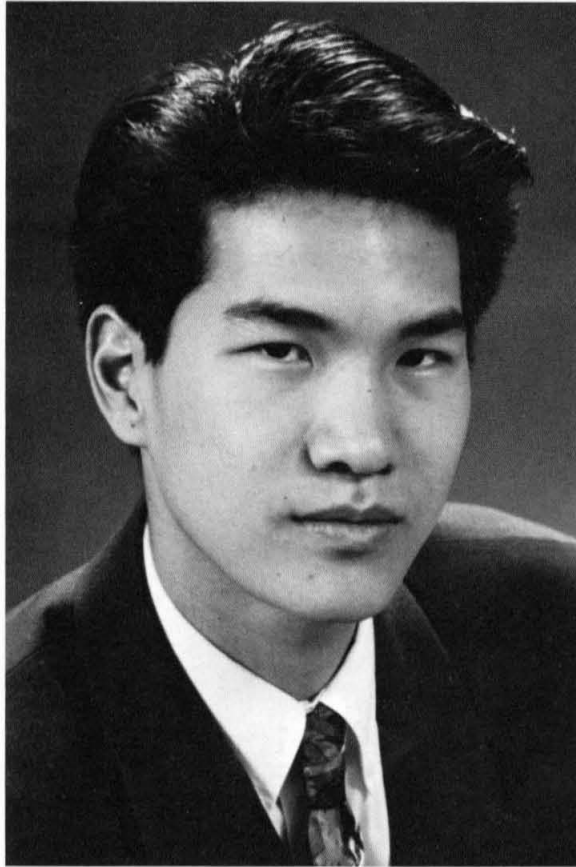
**Tristy Kibbey**  
Lake Oswego, OR  
Geology

**Aimée Smith**  
Catonsville, MD  
Applied Physics

**Amy Hansen**  
Minnetonka, MN  
Mechanical Engineering

**Jason MacLeod**  
Baltimore, MD  
Chemical Engineering

**Geoffrey Wiersema**  
Houston, TX  
Chemical Engineering



**Bang Dang**  
 Santa Ana, CA  
 Computer Science

*Đứng trên thiên hạ ấy là ta  
 Am hiểu bao nhiêu chuyện can qua  
 Nhìn bao người đắm trong lao khổ  
 Giành giật nhau chỉ chút vinh hoa  
 Phú quý chỉ là vật ngoại thân  
 Hương lòng phải tỏa tự trong tâm  
 Im lìm đâu muốn ai biết tới  
 Biển lòng chẳng gợn sóng phân vân  
 Ai muốn tranh giành cứ mặc ai  
 Nghe lời thế sự bỏ ngoài tai  
 Gom hết nhân gian về một cõi .....*

**Paul "Pablo" Thienprasit**  
 Arden Hills, MN  
 Computer Science/  
 Economics

Back in the old days . . .



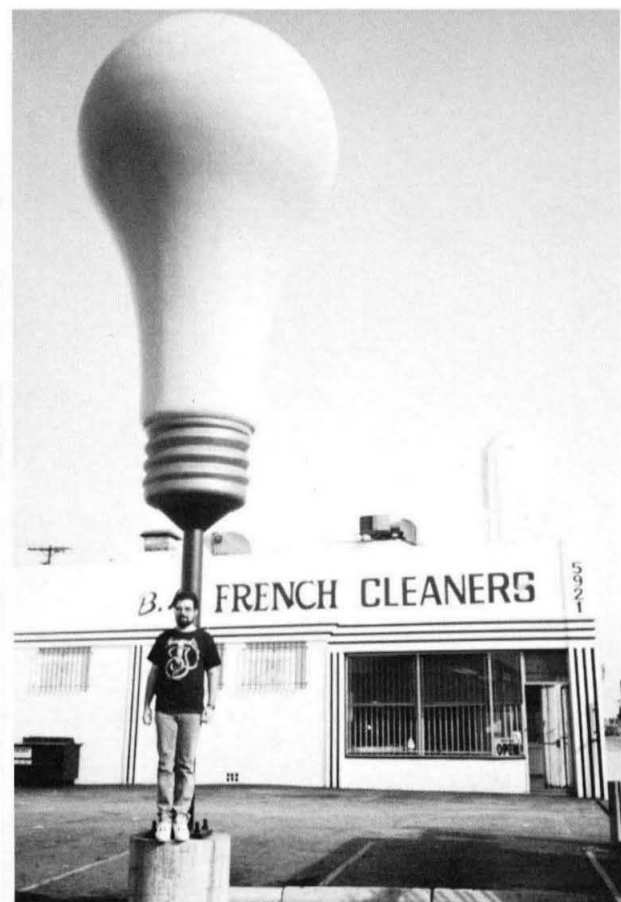




**Truxton Fulton**  
Telford, PA  
Mathematics

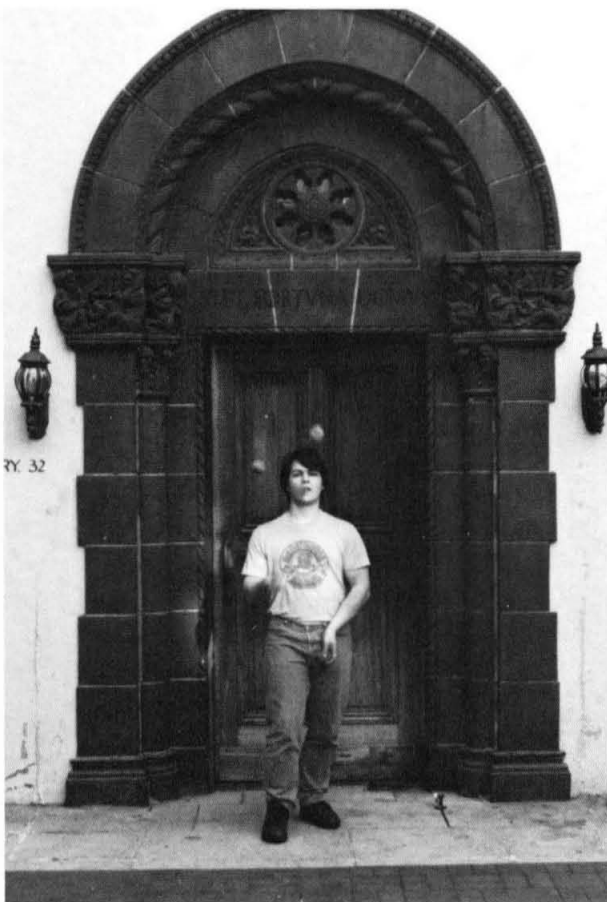
wrinkles in the face of an old  
mountain stretch out into a  
wide grin. the words become  
the same as the sky twists  
into the same thing as  
the mountain. the same.

truxton fulton



**Yair Zadik**  
Huntington Beach, CA  
Computer Science

What a long, strange dip it's been.

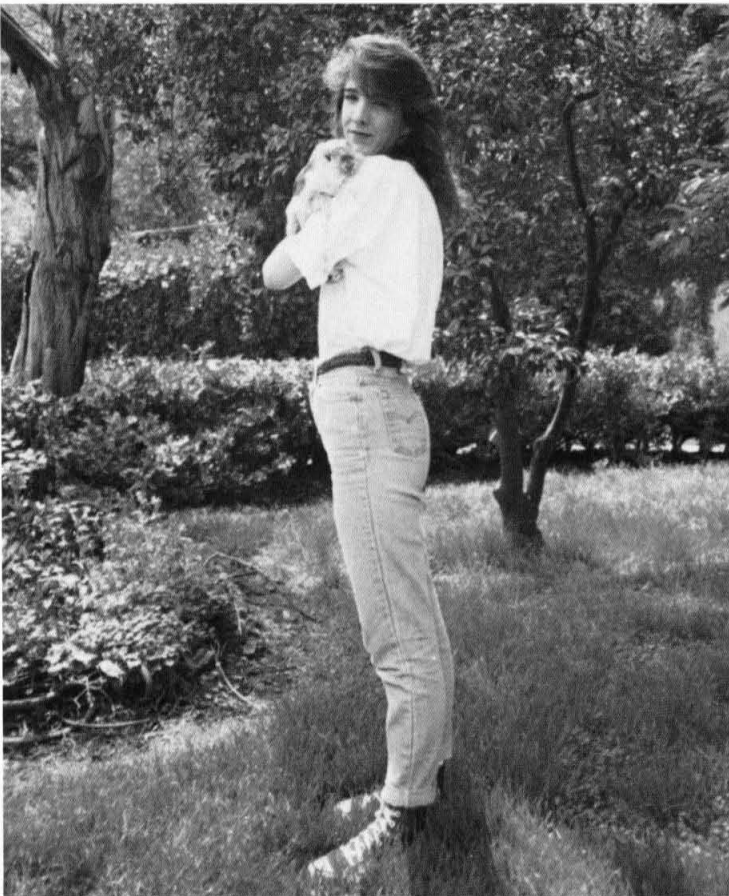


**Preston Pfarner**  
Hudson, NH  
Computer Science

Thanks and goodbye to everyone I've met  
here.



**Pete McCann**  
Memphis, TN  
E & AS



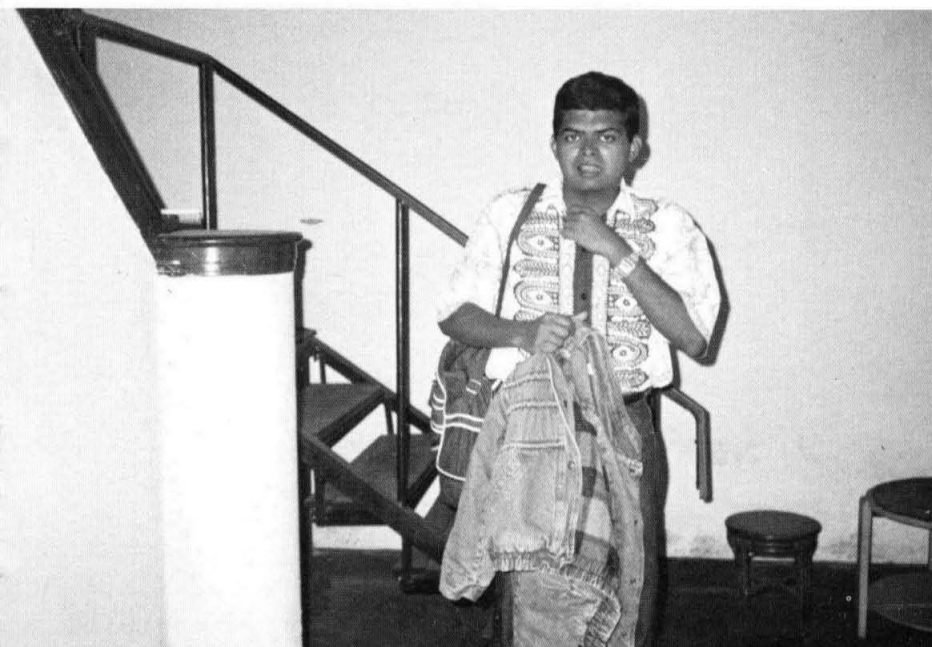
**Beth Mammini**  
Novato, CA  
Applied Physics

**Sayuri Desai**  
Pasadena, CA  
Env Engineering





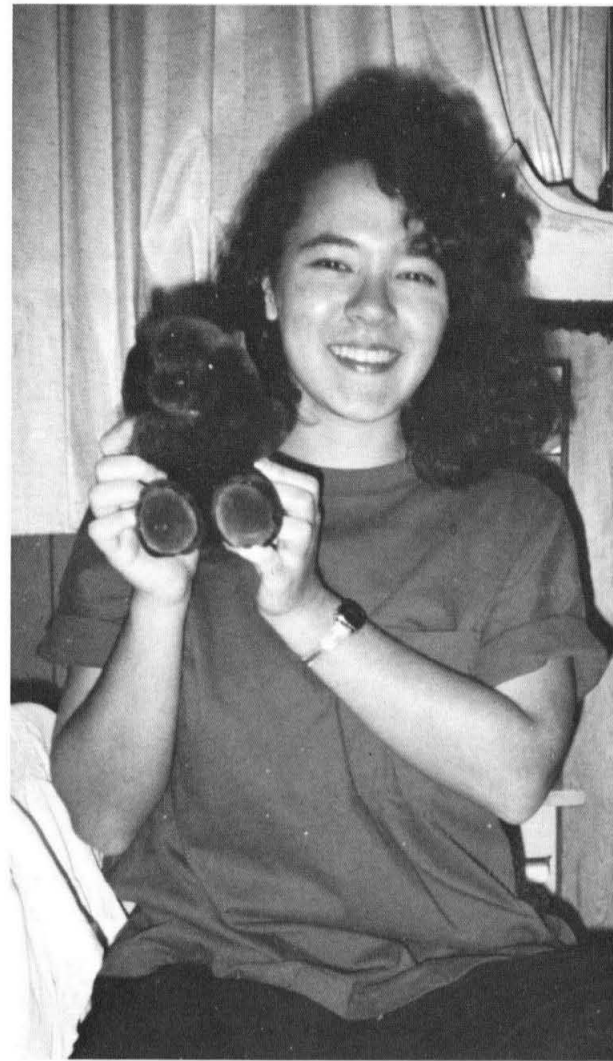
**Selaka Bulumulla**  
Ratmalana, Sri Lanka  
Electrical Engineering



**John Brodoff**  
New York, New York  
E & AS



**Chumyong Lee**  
Honolulu, HI  
Electrical Engineering



**Roanna Doty**  
Mililani, HI  
Computer Science

Caltech

Pasadena



*Mountain Bike Action--February 1993, page 39*

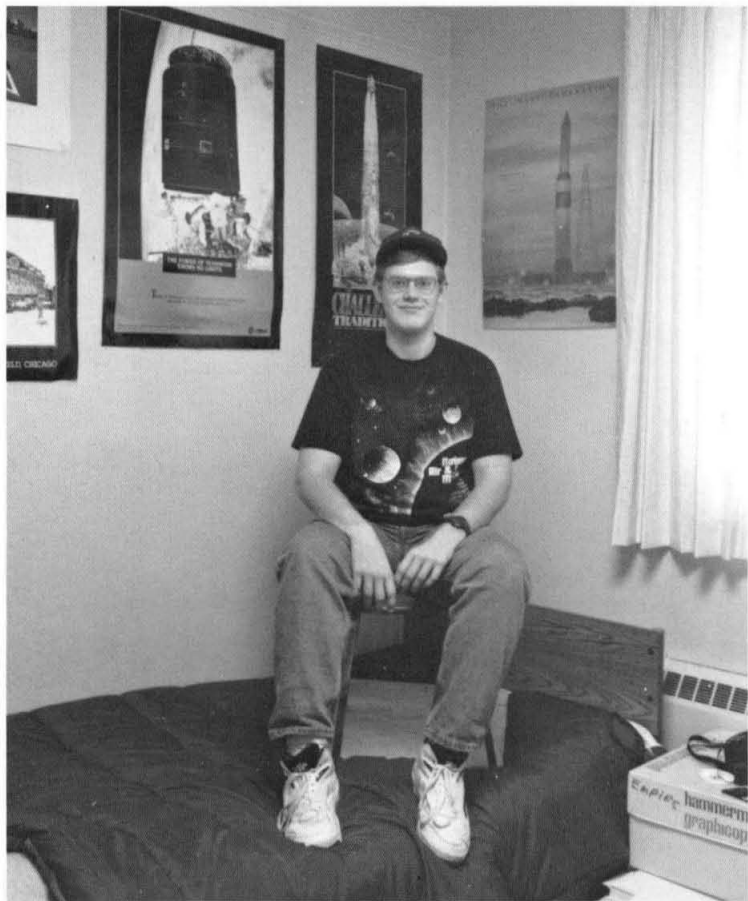
**Tasshi Dennis**  
Port Townsend,  
WA  
Electrical  
Engineering

... and I passed them all on the very next turn.

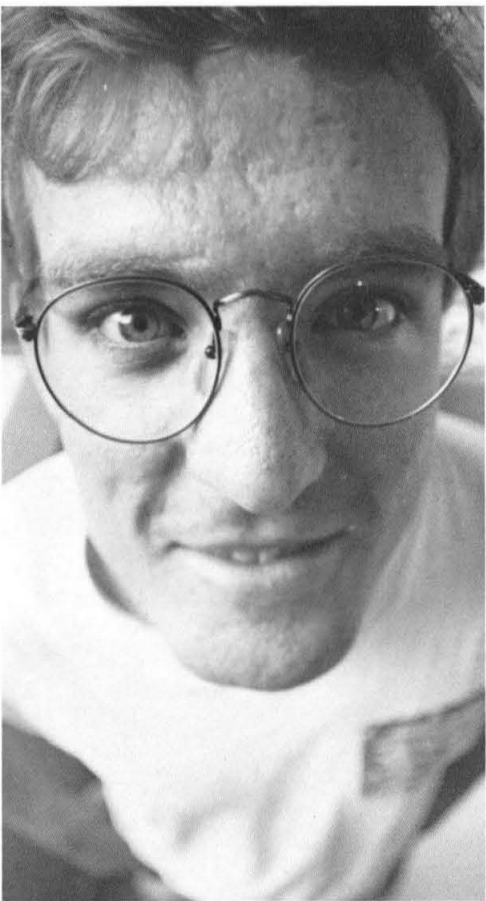


**Jeff Foust**  
 Council Bluffs, IA  
 Planetary Science

You're from outer space.  
 No, I'm from Iowa. I only work in outer space.  
*from Star Trek IV: The Voyage Home*



**Sam Clark**  
 Pendleton, OR  
 Biology/E & AS

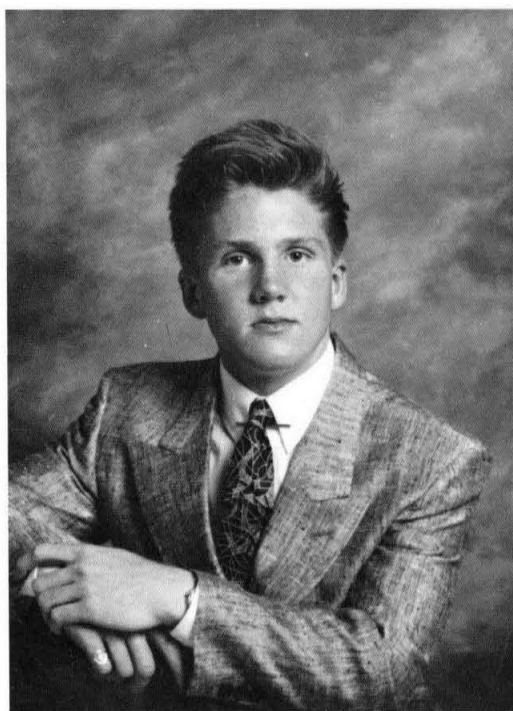
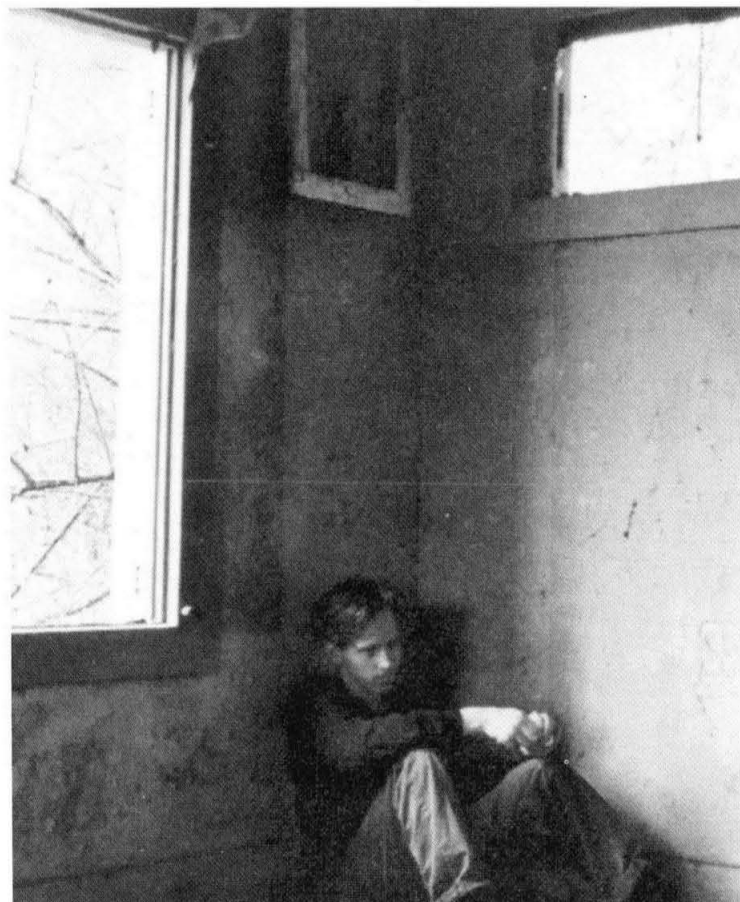


**Robert Whiteley**  
 Lakenheath, England  
 Physics

That which we are, we  
 are-  
 One equal temper of  
 heroic hearts  
 Made weak by time and  
 fate, but strong in will  
 To strive, to seek, to find,  
 and not to yield.

Alfred Lord Tennyson

**Michael Oder**  
Jacksonville, FL  
Biology



"Not by might nor by power, but  
by my Spirit," says the Lord  
Almighty.  
Zechariah 4:6



**Winston Chamberlain**  
Flintridge, CA  
Biology





**Erika Moilanen**  
Chula Vista, CA  
Biology

**William Cesarotti**  
Flagstaff, AZ  
Electrical  
Engineering



**Andreja Volenec**  
Zagreb, Croatia  
Biology/Psychology

Ye are not eagles: thus have ye never experienced the happiness in the alarm of the spirit. And he who is not a bird should not hover above abysses.

Ye seem to me lukewarm: but coldly floweth all deep knowledge. Ice-cold at the innermost wells of the spirit: a refreshment to the hot hands and active souls.

Respectable do ye there stand, and stiff, and with straight backs, ye famous sages! — no strong wind or will impelleth ye.

Have ye ne'er seen a sail crossing the sea, rounded and inflated, and trembling with the violence of the wind?

Like the sail trembling with the violence of the spirit, doth my wisdom cross the sea — my wild wisdom!

But ye servants of the people, ye famous sages - how *could* ye go with me!

Verily, I myself am the scared crow that once saw you naked, and without paint; and I flew away when the skeleton ogled me.

(XXX, XXXVI)

**Jessica Nichols**  
National City, CA  
Environmental  
Engineering

Well Darkness has a hunger that's insatiable  
And Lightness has a call that's hard to hear. . .  
-Indigo Girls, *Closer to Fine*

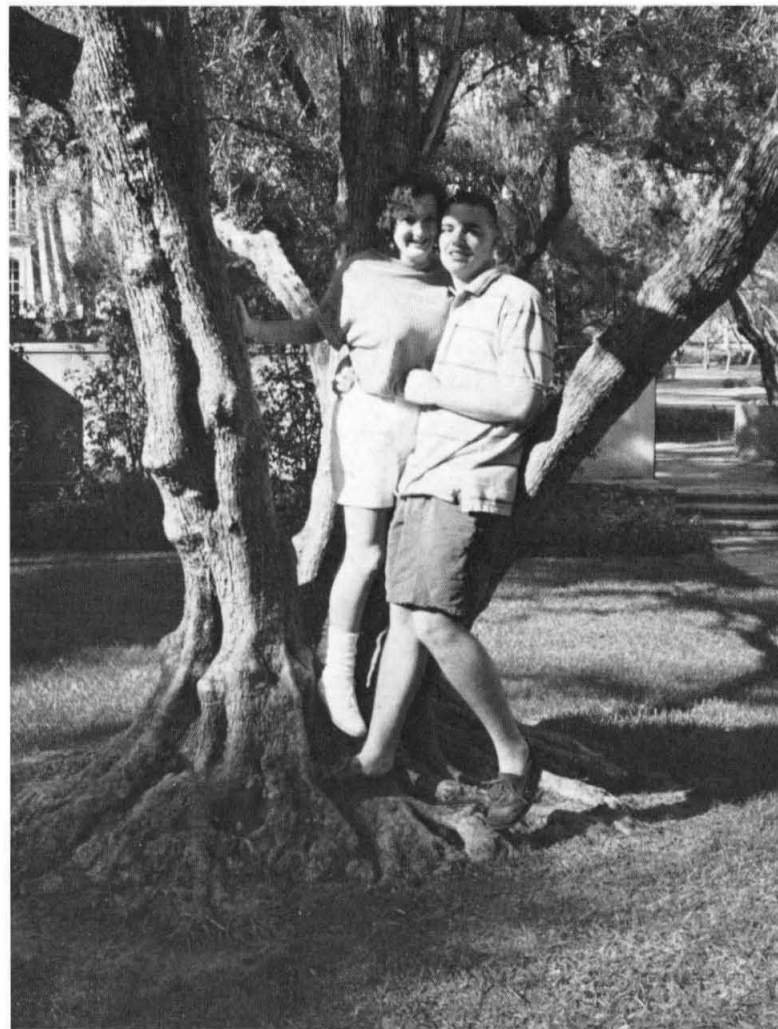
Life moves pretty fast. If you don't stop and look  
around once in a while, you could miss it.  
-Ferris Bueller

**Taletha Derrington**  
Carbondale, CO  
Biology



A true friend never gets in your way  
unless you happen to be going  
down.

Arnold H. Glasow



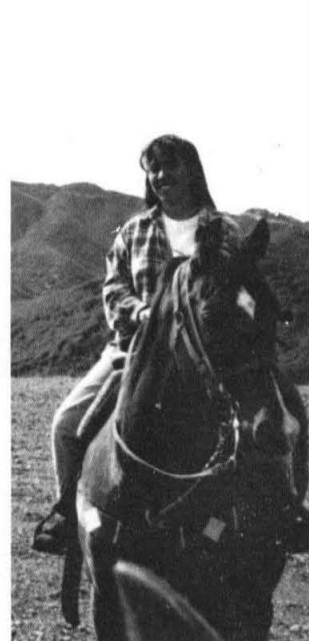
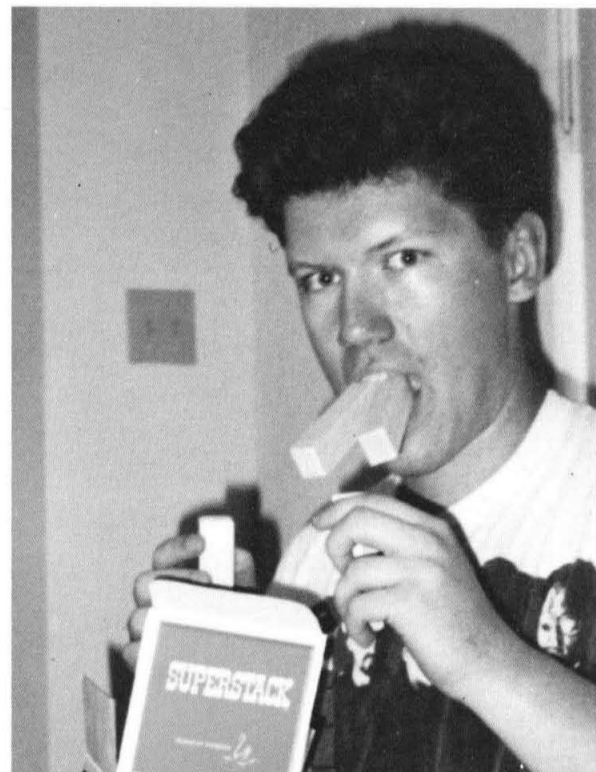




**Debi Tuttle**  
Brick, NJ  
Literature

**Monica Oei**  
Nanuet, New York  
Biology

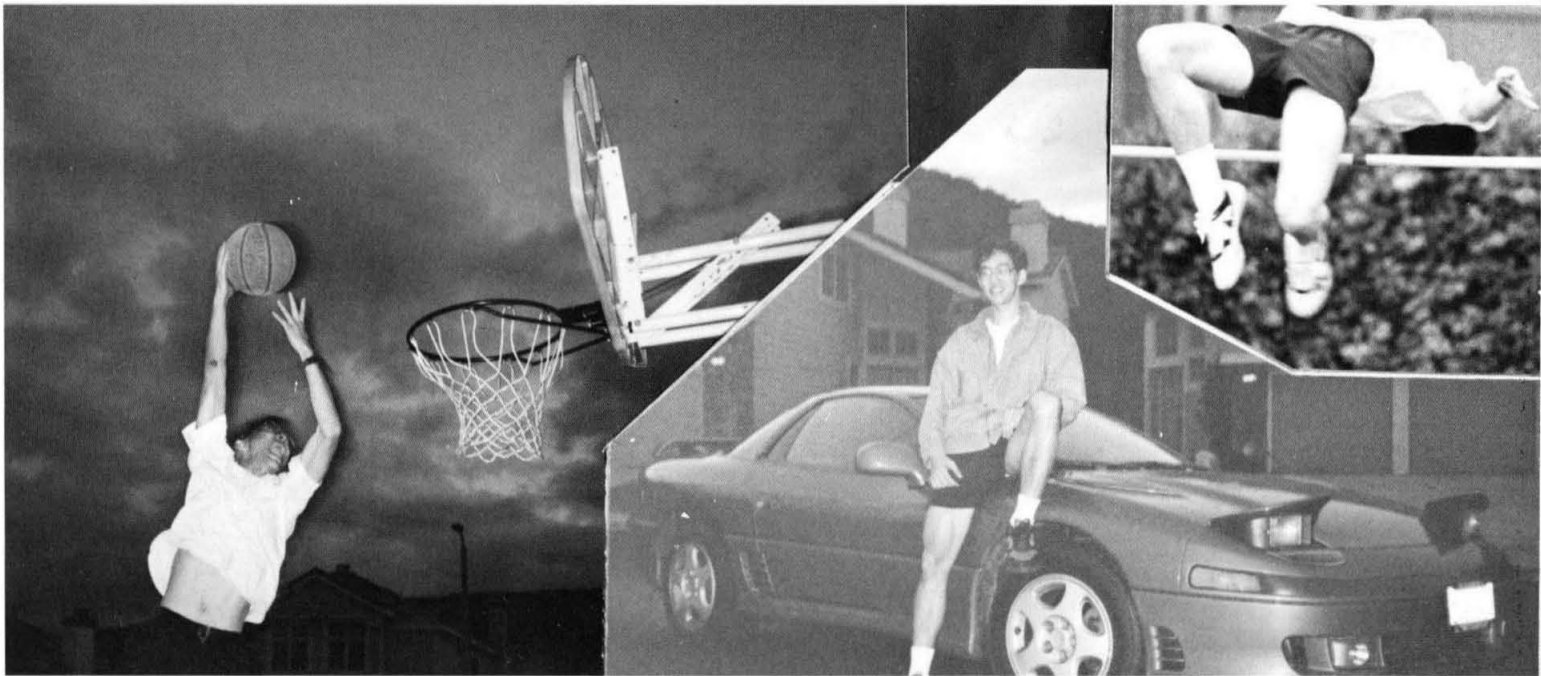
**Matthew Durasoff**  
Edmonds, WA  
E & AS



The credit belongs to the man who is actually in the arena, whose face is marred by dust and sweat and blood, who knows the great enthusiasms, the great devotions, and spends himself in a worthy cause; who at best, if he wins, knows the thrills of high achievement, and, if he fails, at least fails daring greatly, so that his place shall never be with those cold and timid souls who know neither victory nor defeat.

-John F. Kennedy

**Mark Shiu-Sheng Horng**  
Pasadena, CA  
Biology



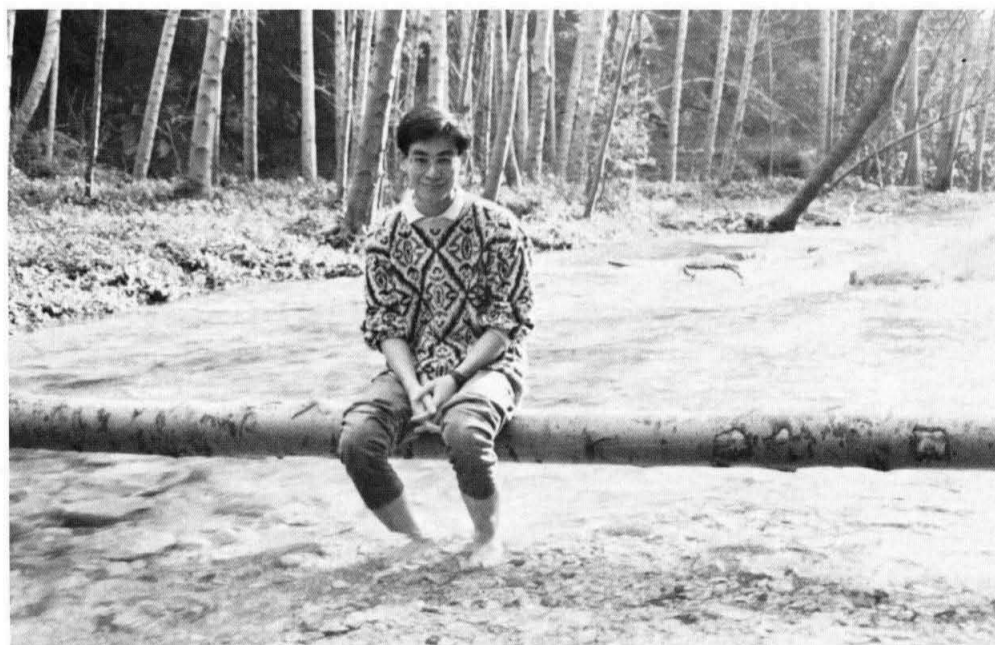
**Hsiu-Hsien Ling**  
Hacienda Heights, CA  
Biology

Practice to Perfect  
Think Positive  
then,  
You will Soar.  
Be a City Hunter





**Yvonne Liu**  
Hong Kong  
Chemical Engineering



**Chong Fu Shin Francis**  
Serangoon Gardens  
Singapore  
Chemistry

The Road goes ever on and on  
Down from the door where it began  
Now far ahead the Road has gone  
And I must follow if I can.  
Pursuing it with eager feet  
Till it joins some larger way  
Where many paths and errands meet  
And whither then? I cannot say.

J.R.R. Tolkien  
The Lord of the Rings

**Yuka Yonebayashi**  
Fullerton, CA  
Biology

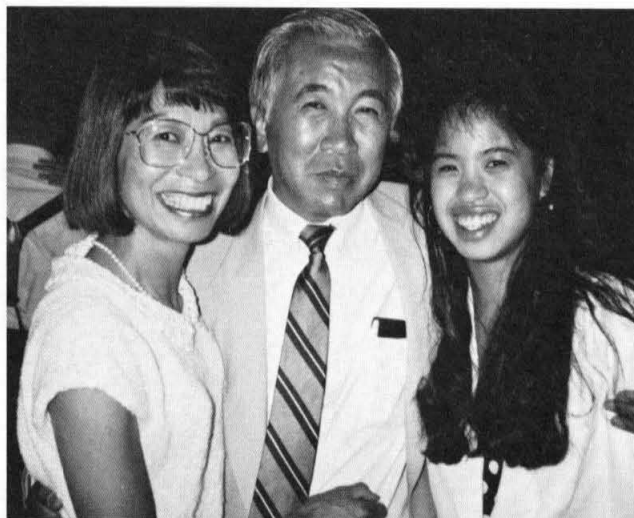


**Marcia Li**  
Hillsborough, CA  
Biology





**Diane Wong**  
Seal Beach, CA  
Chemistry



**Swathi Ganaraj**  
Tylertown, MS  
Biology



**Ina Brenneise**  
Phoenix, AZ  
Biology

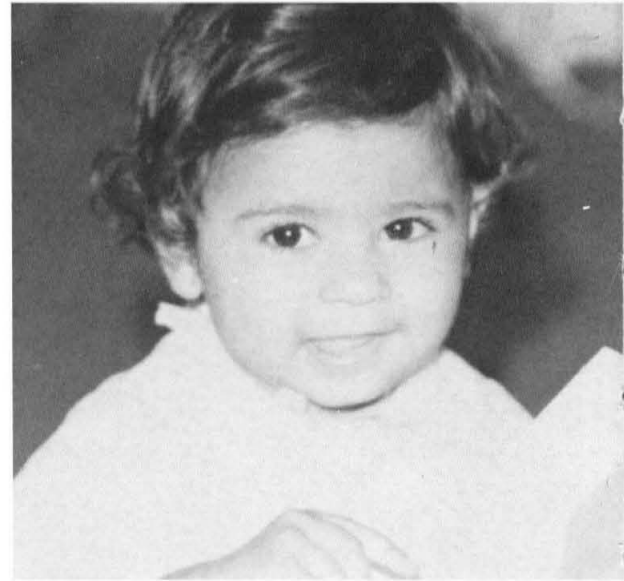




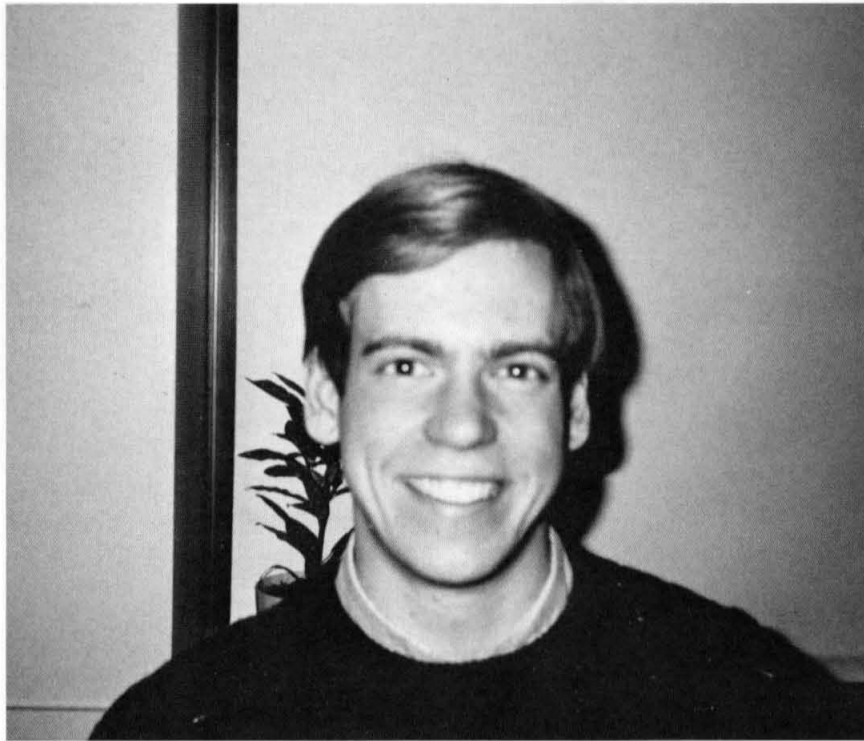
**Snehal Adodra**  
Lahabra, CA  
Biology

**Mimi Sengupta**  
Duarte, CA  
Biology

**Yu-Chien Kuo**  
San Dimas, CA  
Biology







**Sean Wetterer**  
Livingston, NJ  
Chemistry/E & AS

I like New York in June, how about you?

Not enough money for the pain. -Super Dave

Infinite rider on the big dogma.



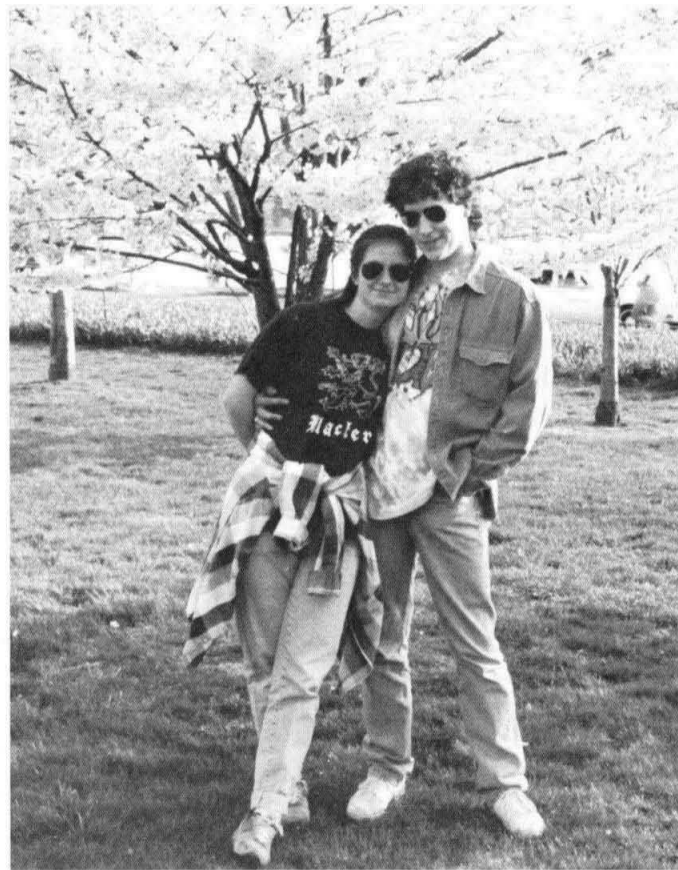
**Michelle Ann Berteig**  
Chemistry



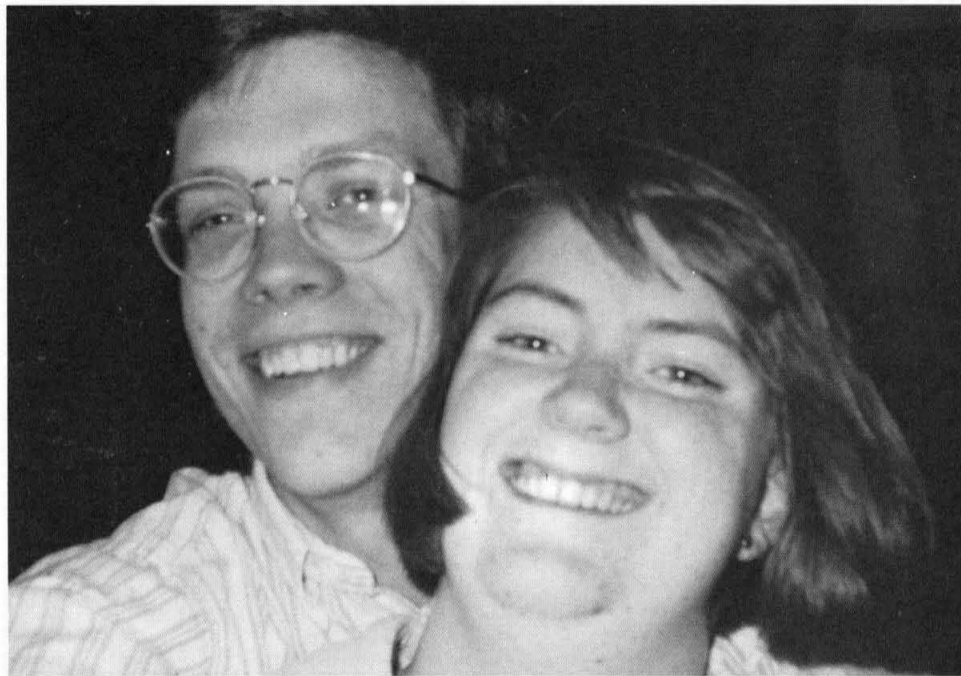
Michelle (Miller) and Ross Berteig (Lloyd, BS '88) were married in 1986. We met as Caltech freshmen.

I seem to have been only a boy playing on the seashore, and diverting myself in now and then finding a smoother pebble or a prettier shell than ordinary, whilst the great ocean of truth lay all undiscovered before me. -Sir Isaac Newton

**Jennifer Messenger Rosser**  
Granger, IN  
Biology/Chemistry



**Diana McMahon**  
Scranton, PA  
Chemistry



Every person, all the events of your life are there because you have drawn them there. What you choose to do with them is up to you.

-Richard Bach

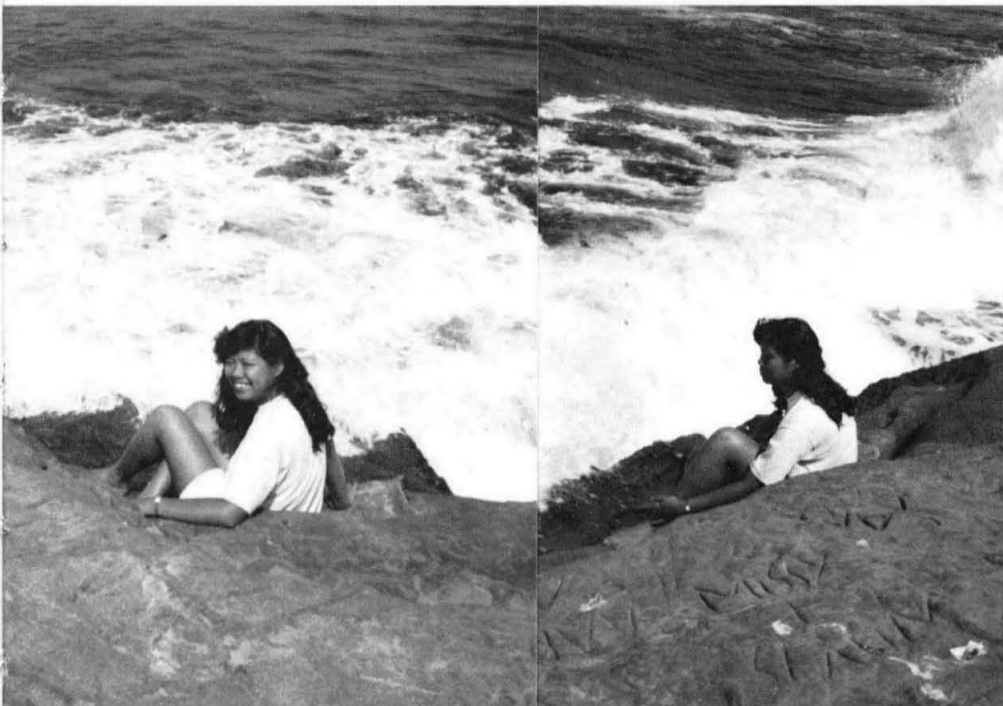
**Nathan Frei**  
Pocatello, ID  
Chemistry



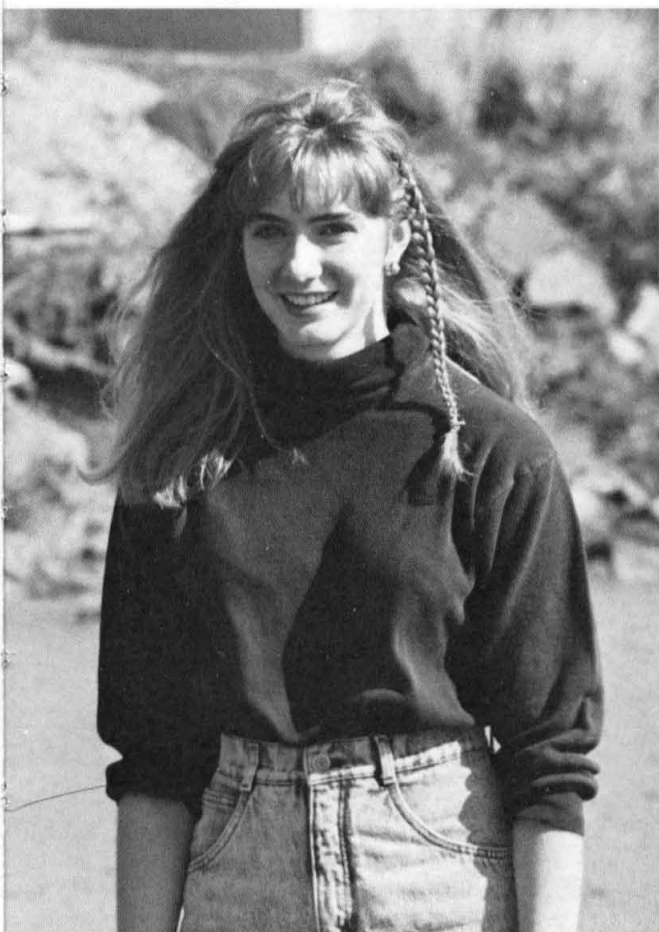


And now you're trembling on a rocky ledge  
 Staring down into a heartless sea . . .  
 Turn around and walk the razor's edge. . . ."

All of us get lost in the darkness  
 Dreamers learn to steer by the stars  
 -"The Pass", RUSH



**Keow Lin (Lindee) Goh**  
 Penang, Malaysia  
 Biology



**Anna George**  
 Federalway, WA  
 Geochemistry

**Rich Benzinger**  
 Swissvale, PA  
 Biology

Get on the stick and fly right.  
-Allan B. Heinsohn

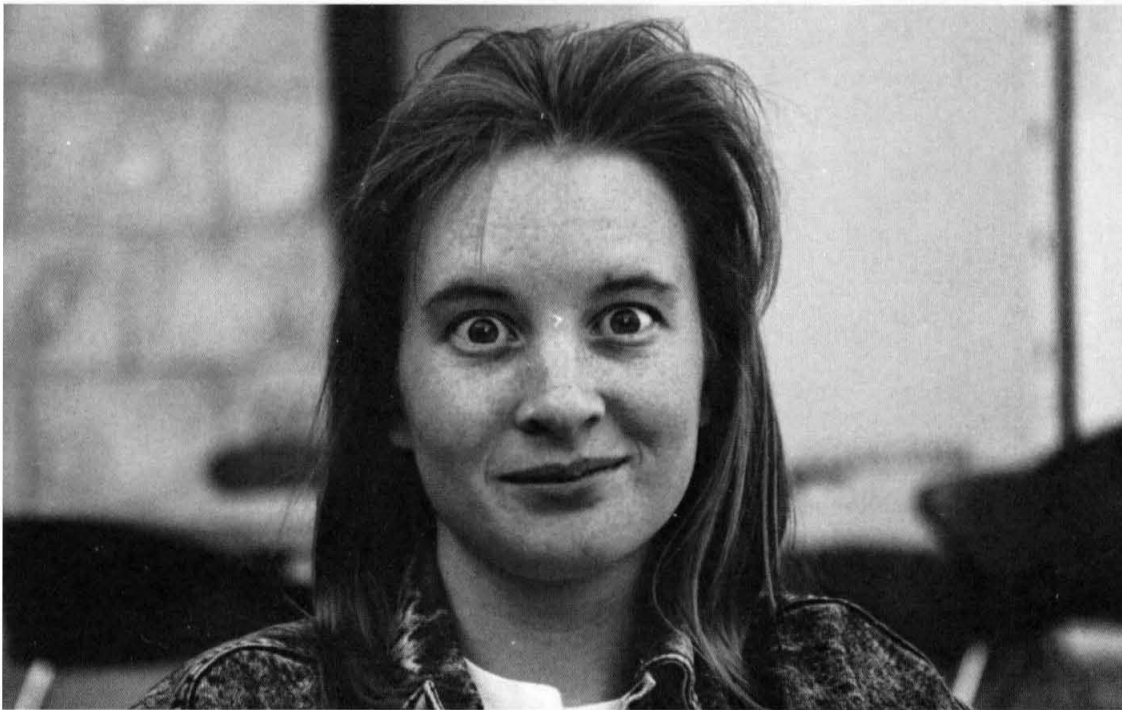
**Benjamin Smith**  
Chatham, NJ  
Physics



**Karen Ross**  
Upper Nyack, NY  
Biology/History



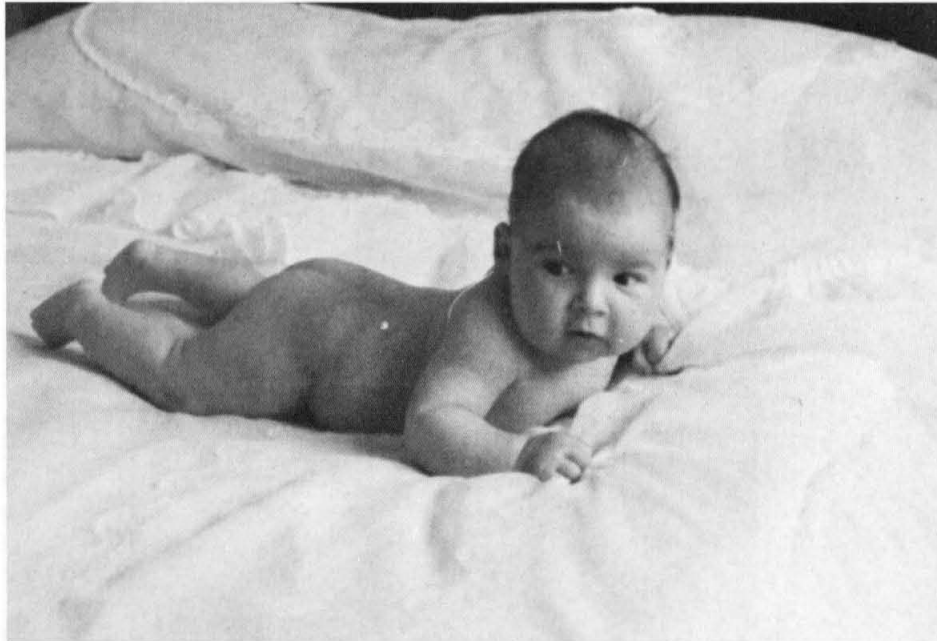




**Jennifer Johnson**  
Bellevue, NE  
Biology



**Todd McLaughlin**  
Rosemount, MN  
Biology



**José Pérez González de Apodaca**  
Madrid, Spain  
Biology

José has grown a little since, but not much.

**Richard Baltzersen**  
Farmingdale, NY  
Chemistry

The wonderful thing  
about Tiggers. . .



Al and Val.

**Valerie Jacox**  
Sandy, UT  
Chemical Engineering

It doesn't matter what I put on the  
midterm, you won't be able to do it  
anyway.

-M. Morari to class



**Aaron Clements**  
Lubbock, TX  
Chemistry





**Susan Sheu**  
San Marino, CA  
Biology

**Kevin Kan**  
Glendale, AZ  
Materials Science



**Jesus Mancilla**  
San Diego, CA  
Chemical Engineering



**Keith Oslakovic**  
Oak Lawn, IL  
Mechanical Engineering

**Tarun Kapoor**  
Calcutta, India  
Chemistry/Biology



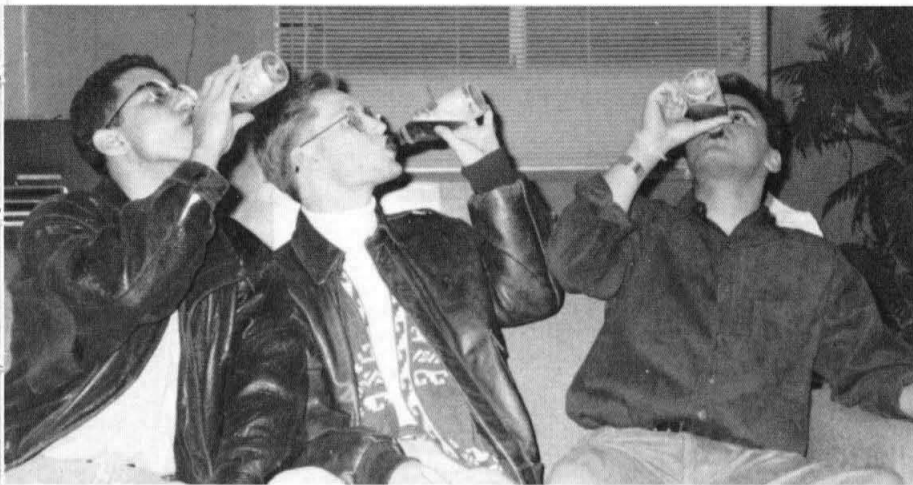
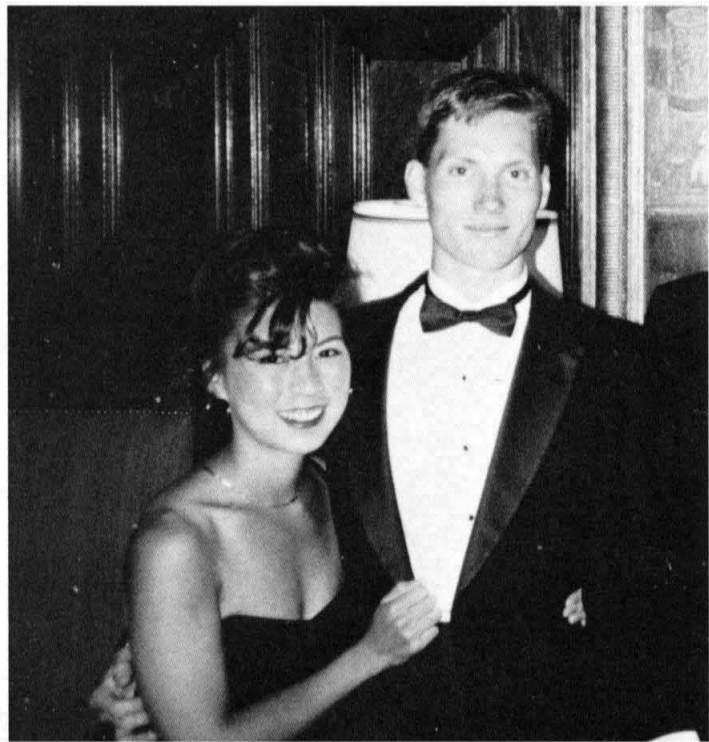
**Kris Blouke**  
Beaverton, OR  
Geology

**Miran Rhee**  
Palos Heights, IL  
Chemistry

**George Fox**  
Sterling Heights, MI  
Biology

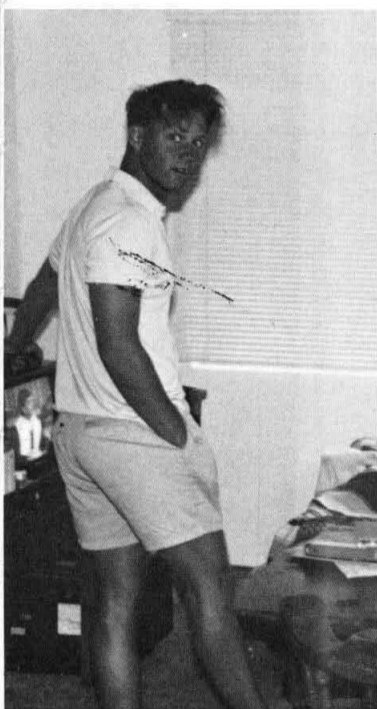






**Ahmed Serag**  
Westchester, PA  
Chemistry

**Robert S. Halliday**  
Oceanside, CA  
E & AS



**Ingrid Choong**  
Los Altos Hills, CA  
Chemistry

**Mark Mazurek**  
Littleton, CO  
Biology

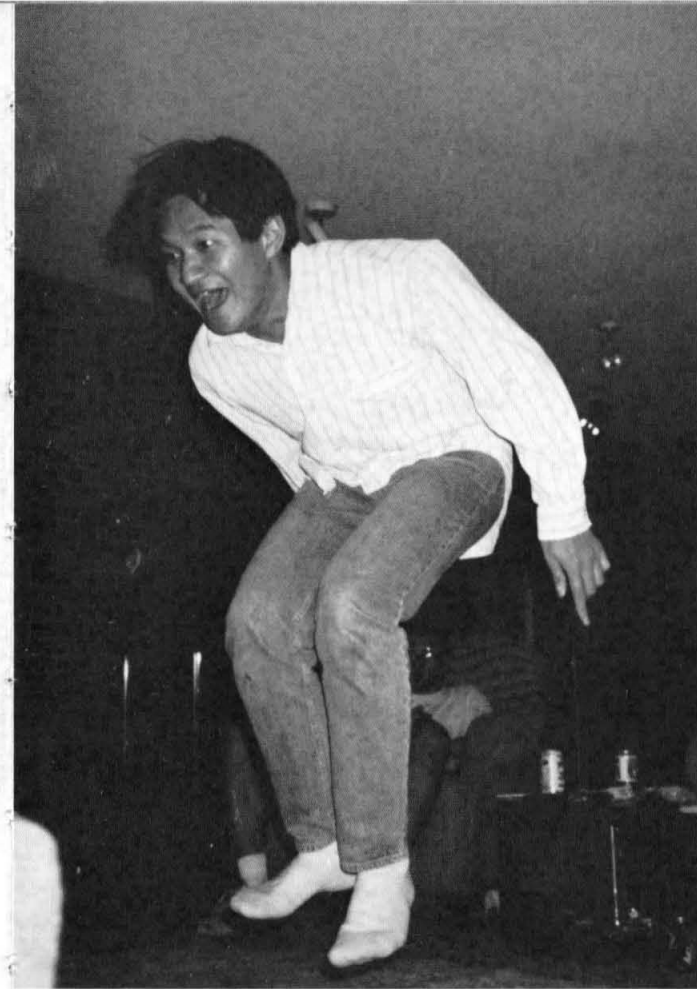
Reality is a sandwich I did not  
order!  
-Zippy the pinhead



John Lennon was a true giant.







**Wa-To Lau**  
Hong Kong  
Chemistry

A leap to the future.



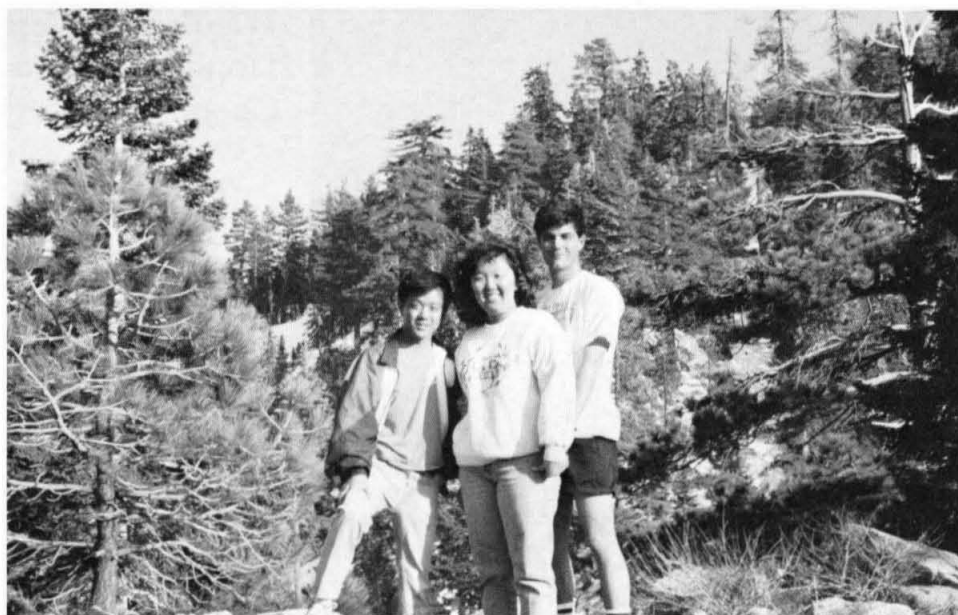
**Paquito Gomez**  
Willows, CA  
Geology

**Jean-Paul Kovalik**  
Montreal, Quebec  
Biology

**Matt Ashton**  
Orange, CA  
Electrical  
Engineering

Hell ain't a bad place to be.

**Jeff Koshi**  
St. Louis, MO  
Physics



**John Stamm**  
Lindstrom, MN  
Physics



**Joyce Ng**  
Singapore  
Chemistry



Love, Peace, and Harmony.



**Mark Son**  
Flushing, NY  
Physics



**Chon Torres**  
Pasadena, CA  
Physics/Waiter

Pain has an element of blank;  
It cannot recollect  
When it began, or if there were  
A day when it was not.

It has no future but itself,  
Its infinite realms contain  
Its past, enlightened to perceive  
New periods of pain.

-Emily Dickinson

Punk is here to stay man. . . .  
disco sucks.

**Jill Soha**  
Pasadena, CA  
Biology



The virtue of prosperity is temperance; the virtue of adversity is fortitude, which in morals is the more heroical virtue. Prosperity is not without many fears and distastes, and adversity is not without comforts and hopes.

-Francis Bacon

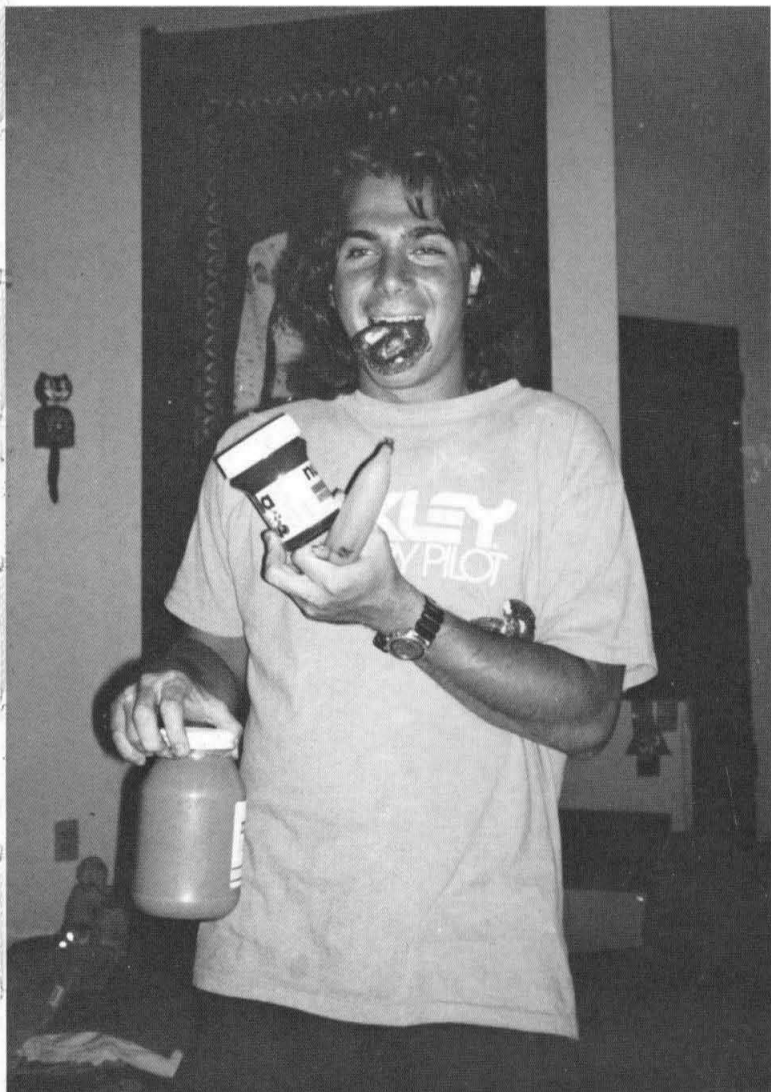
To me, truth is not some vague, foggy notion. Truth is real. And, at the same time, unreal. Fiction and fact and everything in between, plus some things I can't remember, all rolled into one big "thing." This is truth, to me.

-Jack Handey, "Deep Thoughts"



**Julian Chen**  
Aloha, OR  
Chemistry





**Erik Edelberg**  
Jacksonville, FL  
Chemical Engineering

Sex, Drugs, and Rock n' Roll?  
... What about Food?!  
-EZE

**Daniel Artemis Xystus**  
Azusa, CA  
Astronomy



"CARPE CARPUM"  
— Give me a whole lotta  
fish!! Moo Moo TRES  
TREZ Ain't life grand?!

**Joanna Wills**  
Denville, NJ  
Geochemistry

A patriot always must be ready  
to defend his country against his  
government.

-Edward Abbey



**Katy Quinn**  
Adelaide, South Australia  
Geophysics



And he sees the vision splendid  
of the sunlight plain extended,  
And at night the wondrous glory  
of the everlasting stars.

-A.B. "Banjo" Paterson





**Stephen Thompson**  
Omaha, NE  
Geology

... and then I saw trucks  
careening down the hill.



**Gabriela Mallén-Ornelas**  
Mexico City, Mexico  
Astronomy

La lágrima me enjuga en dos pañuelos,  
y hay un libro que lee en mi desvelo,  
y esa herida me venda la amargura  
y la muerte se duerme entre mis brazos.

**Claudine Butcher**  
Boulder, CO  
Geophysics

Don't let grades or attitudes tell  
you that anything is impossible.  
Take time out for love. Live.



**Brian Kurkoski**  
Portland, OR  
E & AS

The saliva of the cat actually  
contains a cleansing, deodorizing  
agent.

-Nature: "Cats"

**Jennifer Wright**  
Sacramento, CA  
Biology/Literature



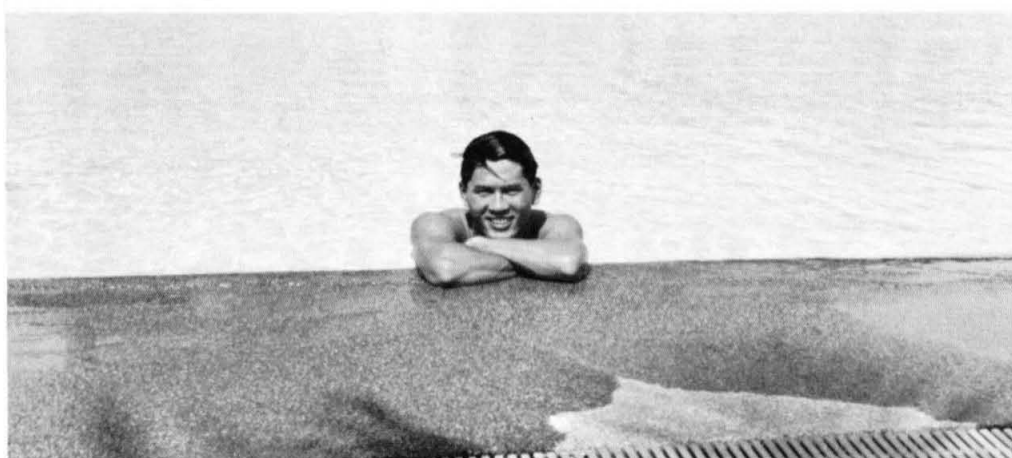


**Feng Yuan**  
Beijing, China  
Physics

**Balasubramania Girish**  
Madras, India  
Physics



**Nick Pornsinsirirak**  
Bangkok, Thailand  
Physics/Electrical  
Engineering



I'd like to thank my family, Clint and Suzy Dodd, the McNeils, and all my friends for helping me get through all those gruesome years at Tech!

School I like, it's the work that I hate!  
-St. Nicholas

**Areez Mody**  
Bombay, India  
Mathematics

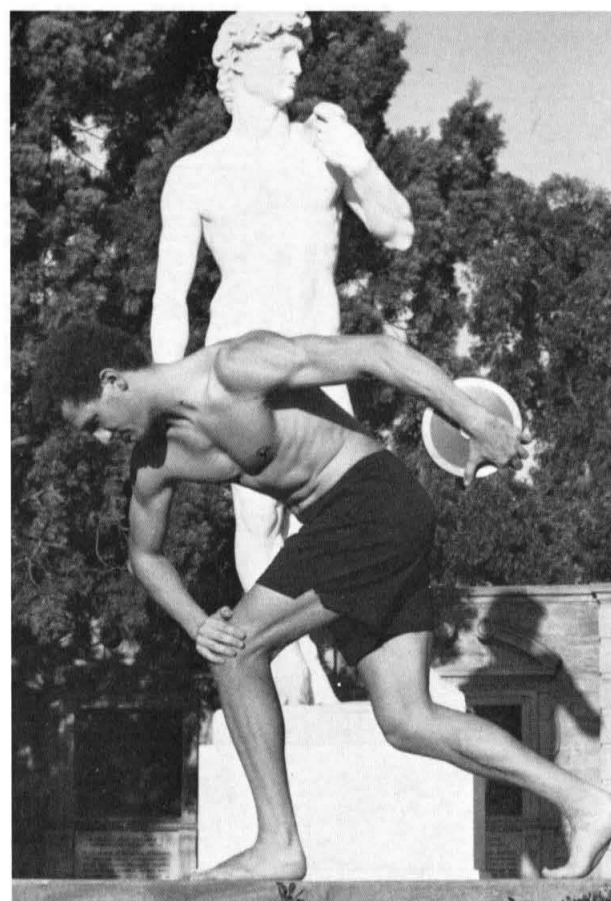


**David Lande**  
Paris, France  
Physics

Je n'ai point besoin d'espérer  
pour entreprendre, ni de réussir  
pour persévérer.

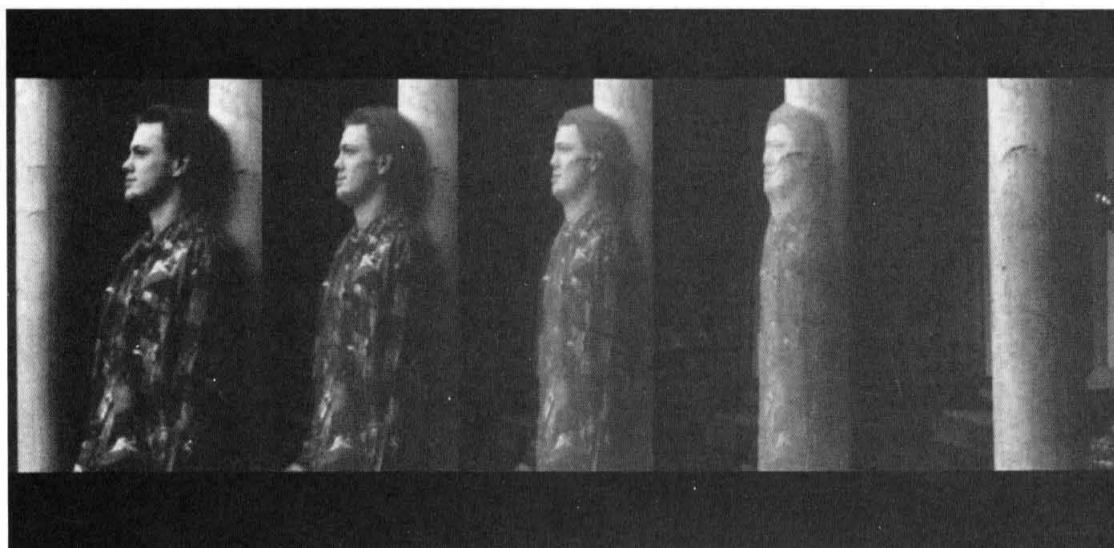
-William of Orange

Mens sana in corpore sano.  
-Juvenal



**Steven Anderson**  
St. Louis Park, MN  
Mathematics

Neither prohibition nor  
excess, but moderation  
in all things —  
including moderation.







**Nathan (Tani) Wallach**  
Flushing, NY  
Mathematics



**Jae Kyung**  
Castle Rock, CO  
Physics



**Whye-Kei Lye**  
Singapore  
Physics

*Vita Detestabilis*

Not enjoyment, and not sorrow,  
Is our destined end or way;  
But to act, that each tomorrow  
Find us farther than today.

Let us then be up and doing,  
With a heart for any fate;  
Still achieving, still pursuing,  
Learn to labour and to wait.

A Psalm of Life  
Henry Wadsworth Longfellow





# CLOSING



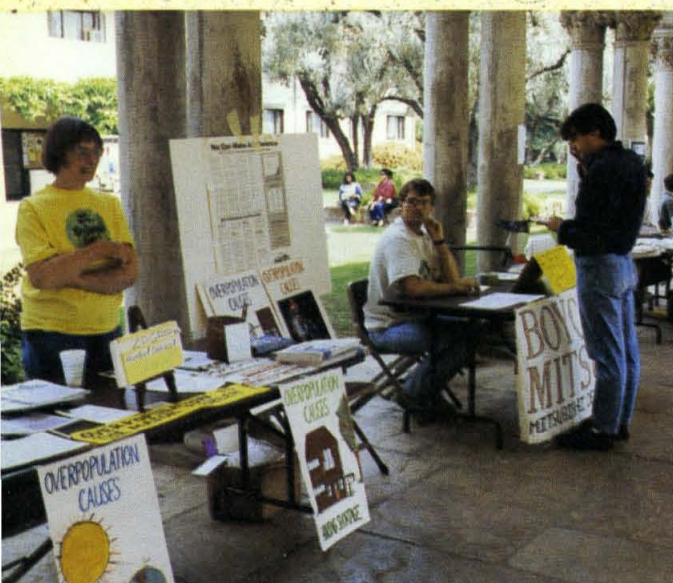
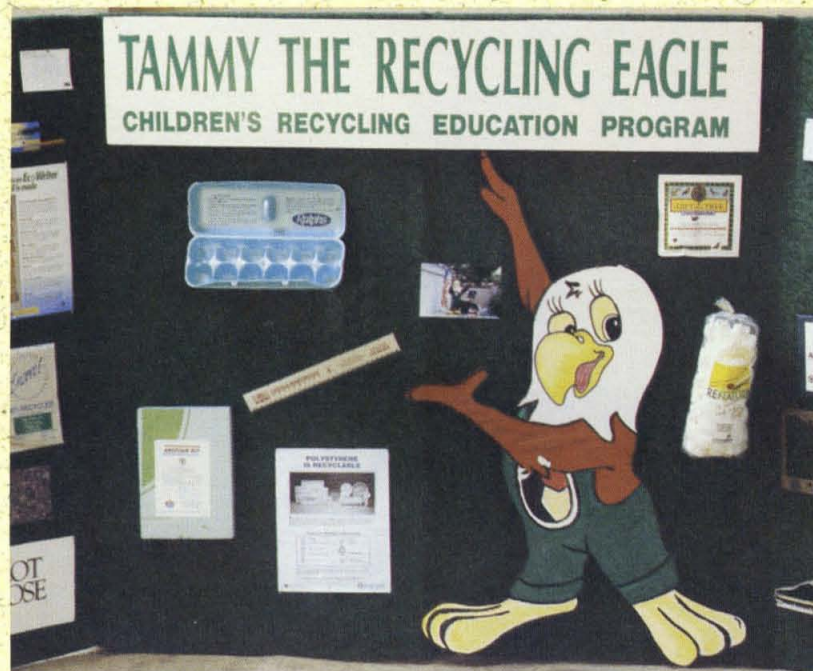
*“Who can say how many schools exist in the world where an undergraduate has the opportunities comparable to those at Caltech?”*

John White



Tammy points out how recycling is beneficial.

This way to Earth Day!



Booths set up by various groups were full of information.



Finger painting was a big attraction at Earth Day.

# EARTH DAY



Dean Kiewiet dunks Connie Calderon at the day's biggest attraction, the dunk tank.



Kiewiet celebrates his aim, and Ben Smith waits for the bench to drop.



The Caltech community celebrated Earth Day on Friday, April 23rd in an organized event sponsored by the Caltech Y, the Caltech Environmental Task Force (CETF), ASCIT, the Graduate Deans, Student Affairs, GSC, and the Service League. This year's event took place on the Olive Walk between the undergraduate student houses. The focus of the event was to increase aware-

ness of environmental issues affecting both the Caltech and global communities. There were numerous tables with information addressing the issues of recycling, efficient transportation, and the work of CETF on campus. Two environmental bands, "The Sacred Cows" and "Sun 60" both performed in the courtyard between Ricketts and Fleming. People attending the celebration took part in

many activities, including games such as the newspaper toss, the can crush, finger painting, guess-the-recyclables, and the ever popular dunking booth. This year's dunking booth featured such celebrities as Dean Kiewiet, Gary Lorden, and Connie Calderon. This is the second year the Caltech community has celebrated Earth Day with this type of event, and we look forward to future

environmental events and increased participation!

by Becky Green



# ASCIT

Too shy to step on the dance floor?



The band.

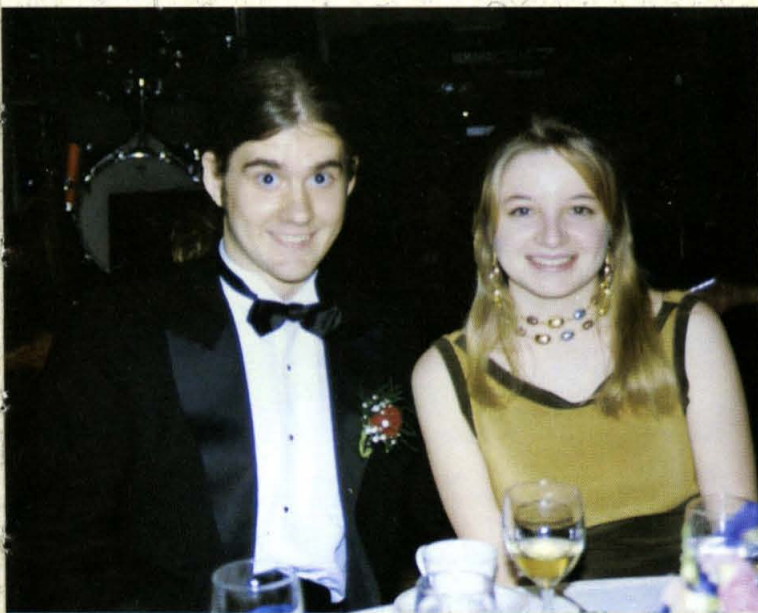




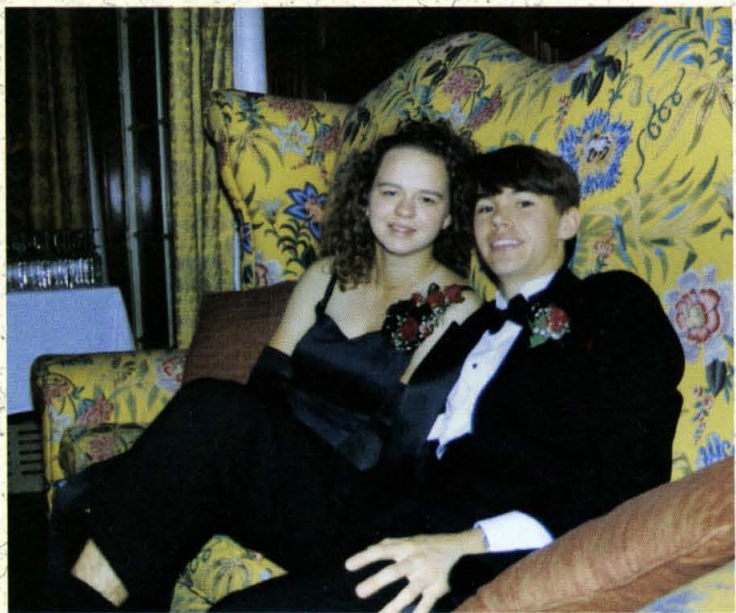
# FORMAL



Jessie Haldeman, Jason MacLeod, Katie Coughlin, and Matt Tucker enjoy their dinner.



Kevin Boyce and Gisela Rodriguez-Sandoval.

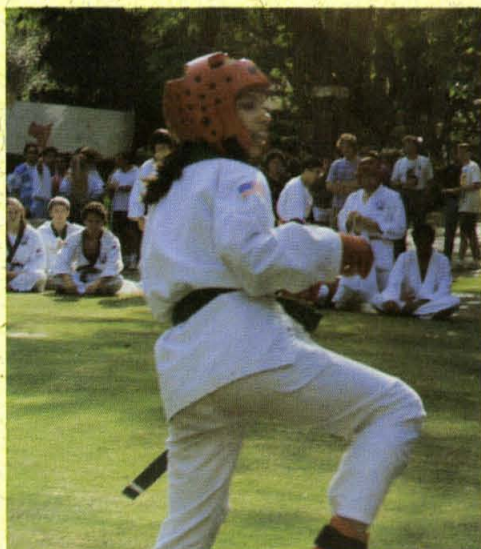


Laura Verhoff and David Richard trying to get a moment's peace.



Indian students share their native cuisine.

A demonstration of Tang Soo Do.



The Caltech Chinese Students Association provides some tasty treats.



An Indian fashion show.

# INTERNATIONAL DAY

For many years now, the Caltech community has enthusiastically attended one of the biggest events of the year — International Day! As always, many students and faculty attended this year's event to learn about different countries through their various foods and customs,

to maybe do a little dancing, and to hang out with friends. This year's event was held in Winnett Quad on Friday, May 14. Numerous international clubs provided various foods representative of their countries. Various groups participated in the event providing en-

tertainment including such events as a karate demo, Korean folk dancers, and Indian fashion show, Israeli folk dancing, a Tang Soo Do demonstration, and Indian music. The event was sponsored, with much thanks, to the Caltech Y, the Graduate Deans, the Undergrad-

uate Deans, the Alumni Association, ASCIT, GSC, Student Affairs, and the Service League.

by Becky Green





# KELROF

Walter Briskin keeps himself entertained.



Joyce Ng puts out some serious effort for the walking team.



Strategizing.



Jeff Koshi, Tara Kirby, and Wendy Beluomini try to regain their strength in the wee hours of the morning.

This year's KELROF was well attended and stocked with food. Truck loads of bagels and Gatorade kept the runners going all night long, thanks to the support of the Dean, DRL, and ASCIT. Lots of spectators showed up to cheer the runners on, and eat the excess

bagels, too.

This year's winning team, Lloyd A, was behind last year's winning mileage by less than seven miles, going 200 miles and 850 yards. This team was made up of John Stamm, David Richard, Brian Winters, Tom Zavisca, Mike DeBar, William Watson,

Chandler McDowell, Ginger Garcia, Tom Meyer, and Tom Dmukauskas. In second place, 8 Gods and 2 Goddesses went 186 miles. Brian Cooper, Matt Metz, Sofia Akber, Ron Stieger, Julian Jamison, Betsy Barton, Philip Cofield, Nick Porsinsirirak, Seth

Blumberg, and Rich Baltzersen all worked hard. The Lloyd B team came in third with 141 miles, and the Lloyd 5 went 88 miles.

by Matt Metz



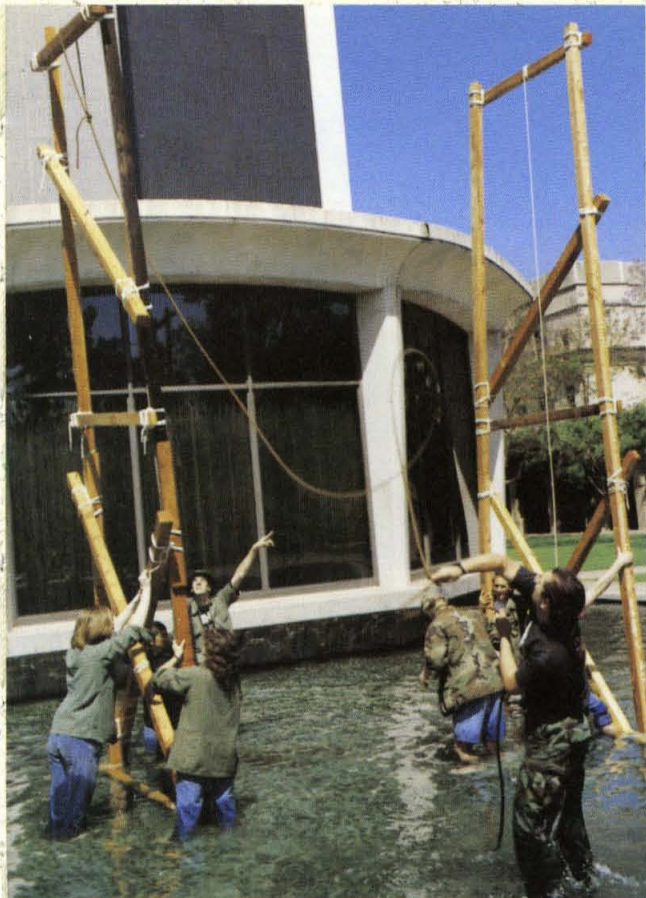
# DITCH DAY



Above, Jing Chao takes a last look at her stack.  
Right, the Phantom Tollbooth stack by Debi Tuttle and Monica Oei.

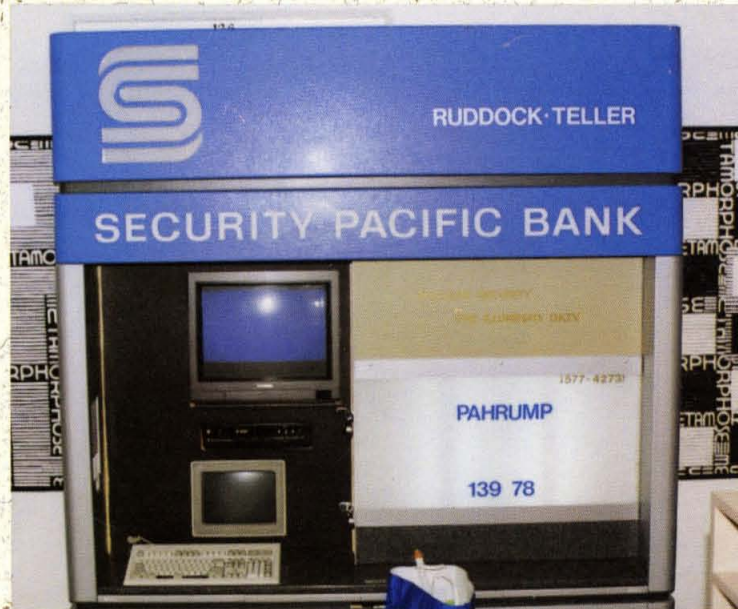






Moles in Millikan Pond.

They said they would put an ATM on campus, but in Ruddock?



The march on the Ath for Armadillo rights.



Announcing the rally for Armadillo rights.



Ina Brenneise poses next to her grotesque "Body Parts" stack.



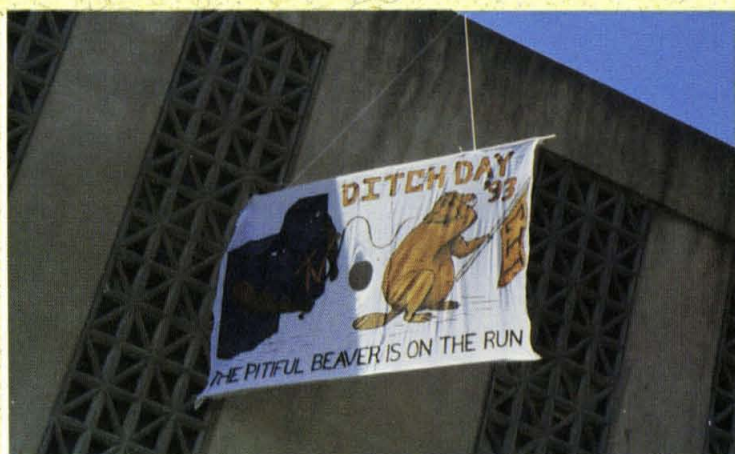
Eric Slayback completes a task for the Virtual Reality stack.



Destroying a car in Dabney courtyard.



Dean Kiewiet as a marshmallow.



Ruddock's MTV stack.

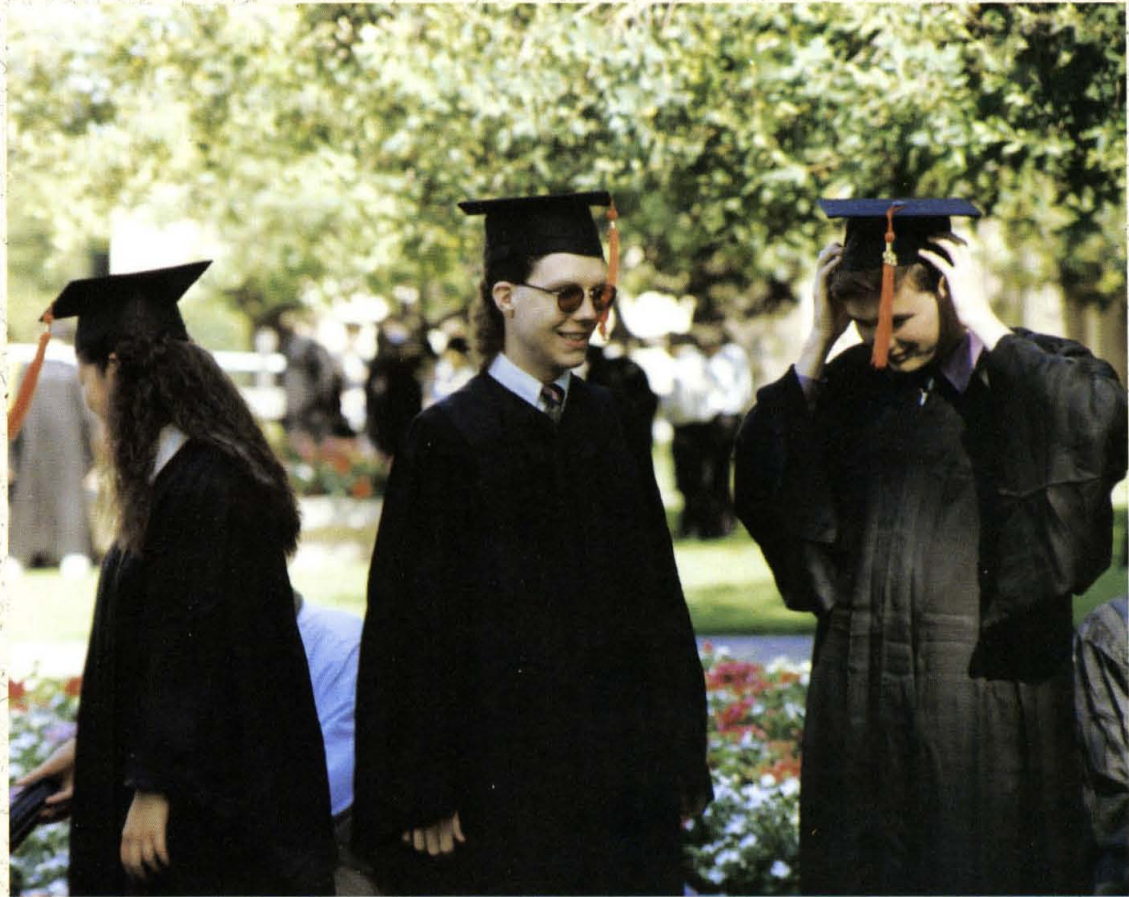


Giant pool balls from the Virtual Reality stack scattered in Lloyd courtyard.

# *DITCH DAY*



# 99TH ANNUAL

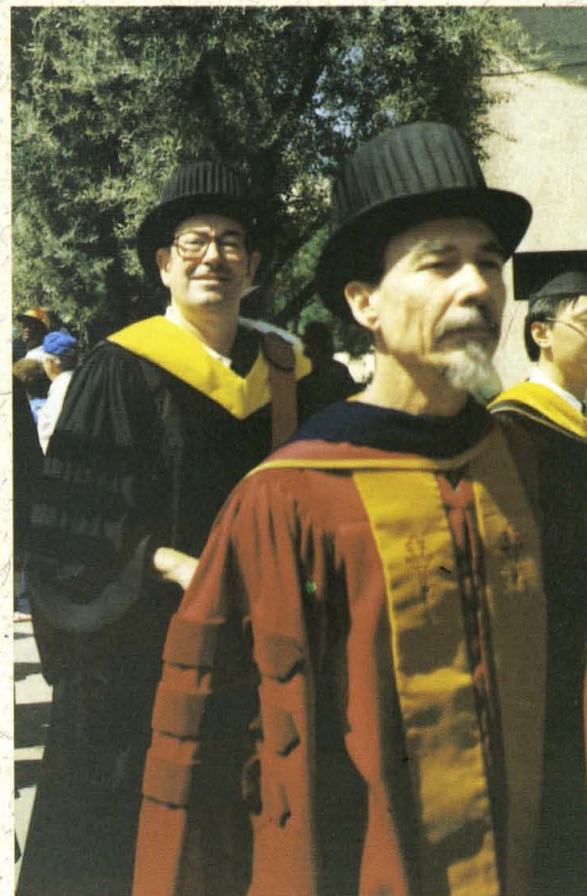


Nervous graduates await their cue.



Julian Chen goes over the instructions one more time.

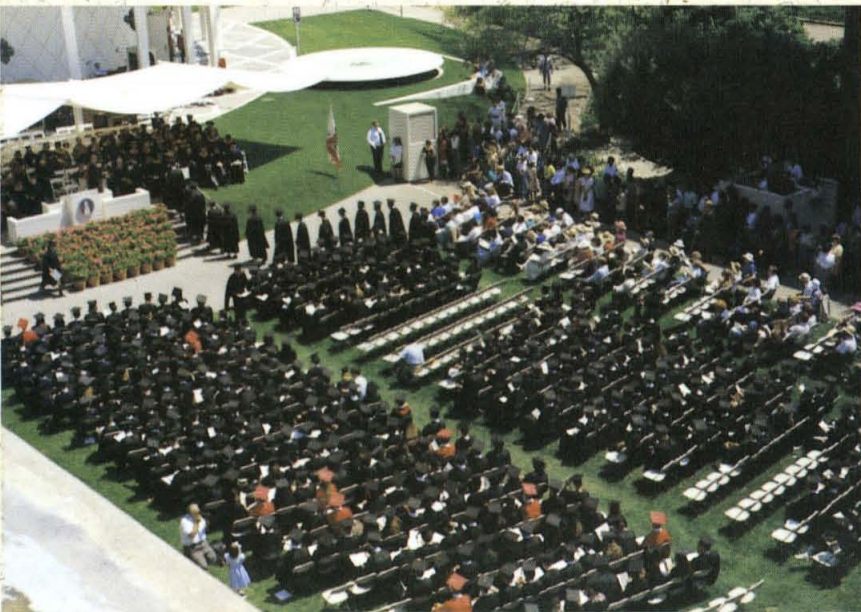
Harry Gray processes.



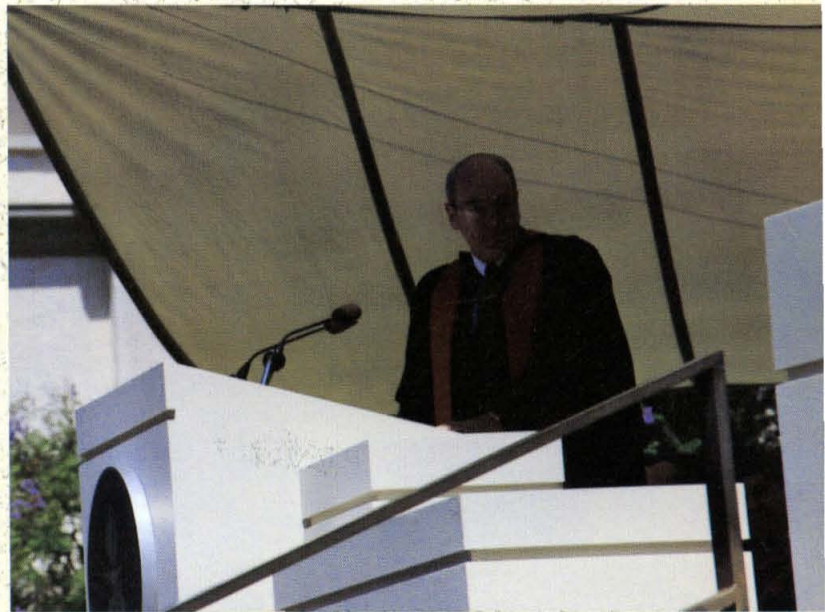


# COMMENCEMENT

Patience.



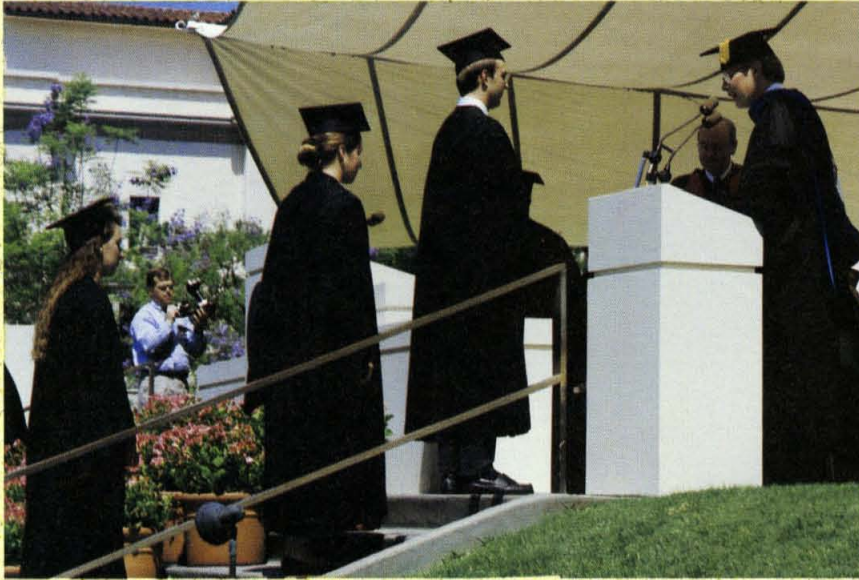
Dr. Everhart prepares to receive the graduates.



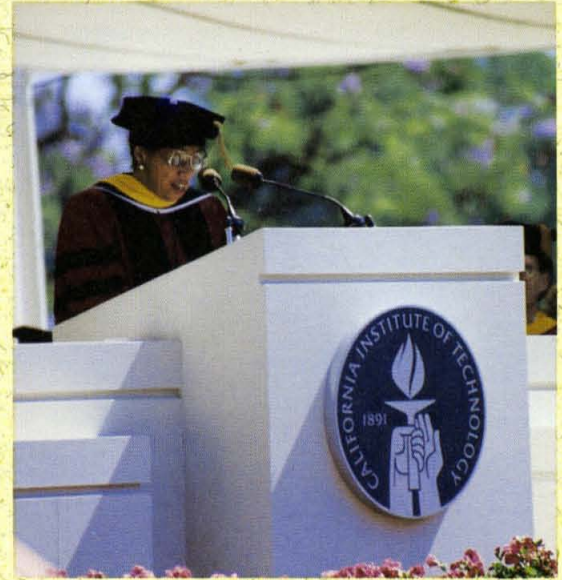
More patience.



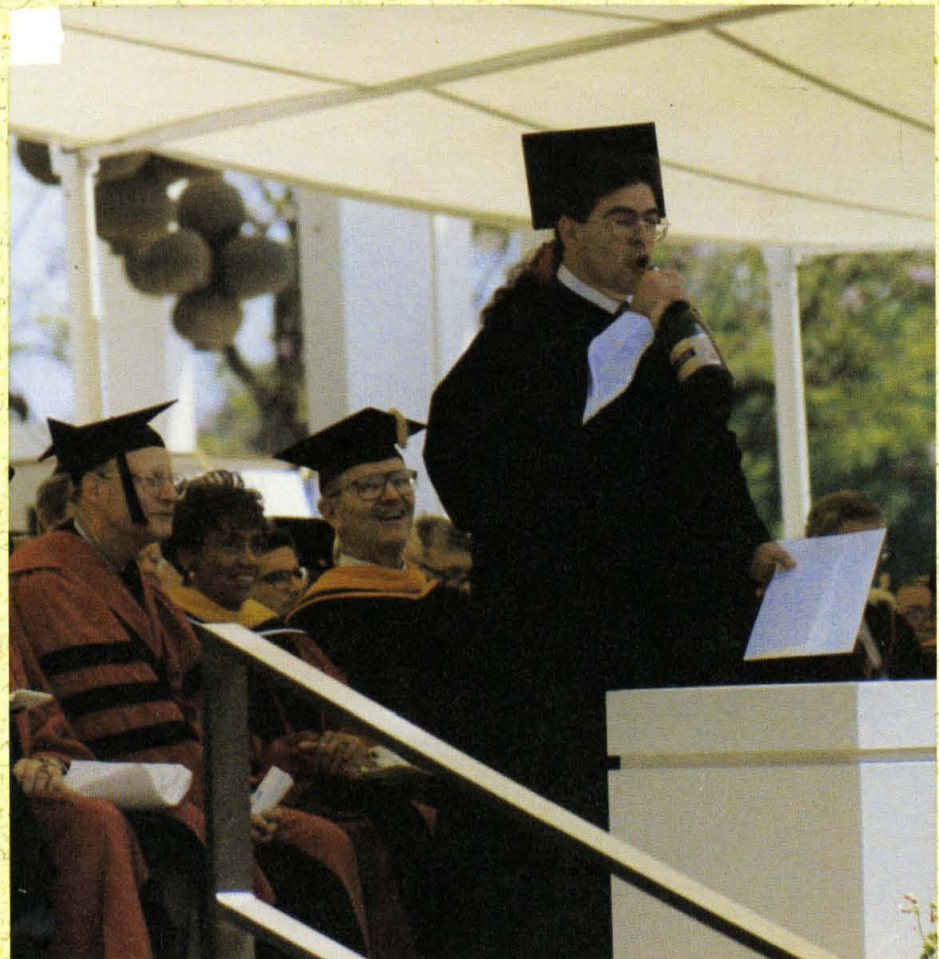
Dean Kiewiet calls out the names.



Dr. Jewel Plummer Cobb addresses the graduates.



Fru celebrates.



# COMMENCEMENT 1993





Party time!



Lindee Goh looks relieved after the festivities.

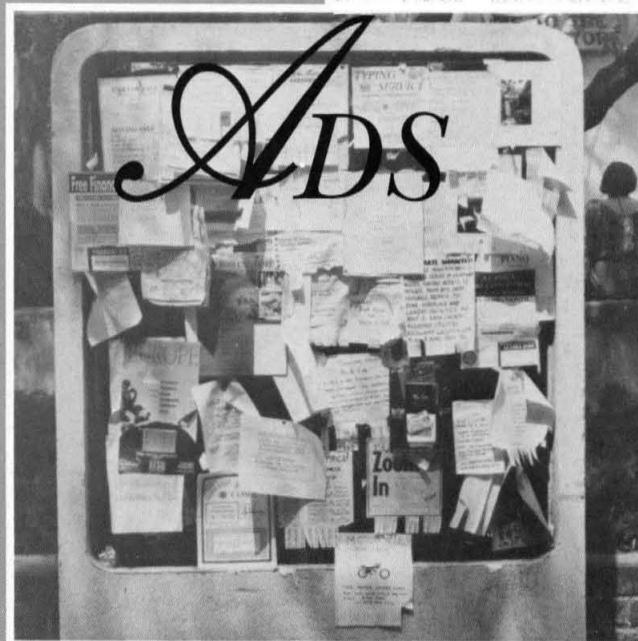


Mike Nassir, winner of the Frederic W. Hinrichs, Jr., Memorial Award, receives his diploma.











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Electrical Engineering with  
emphasis in signal processing?

YES

NO

Are you a U.S. citizen?

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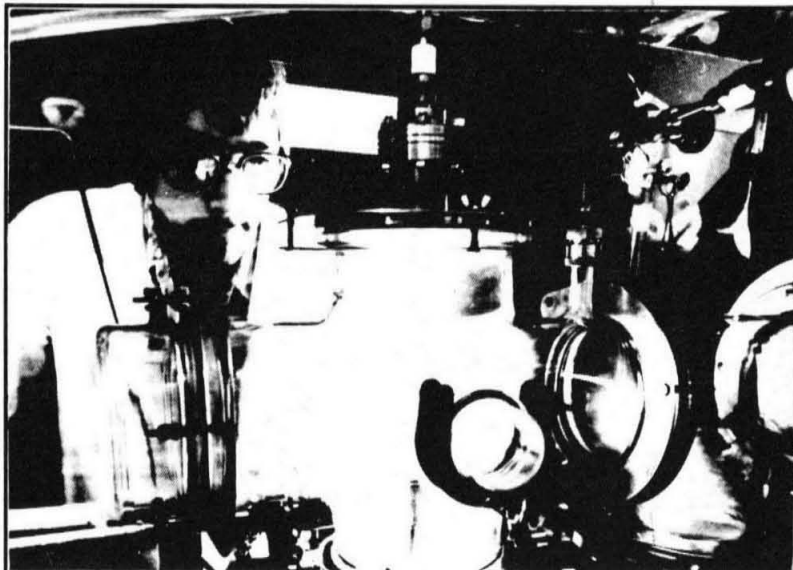
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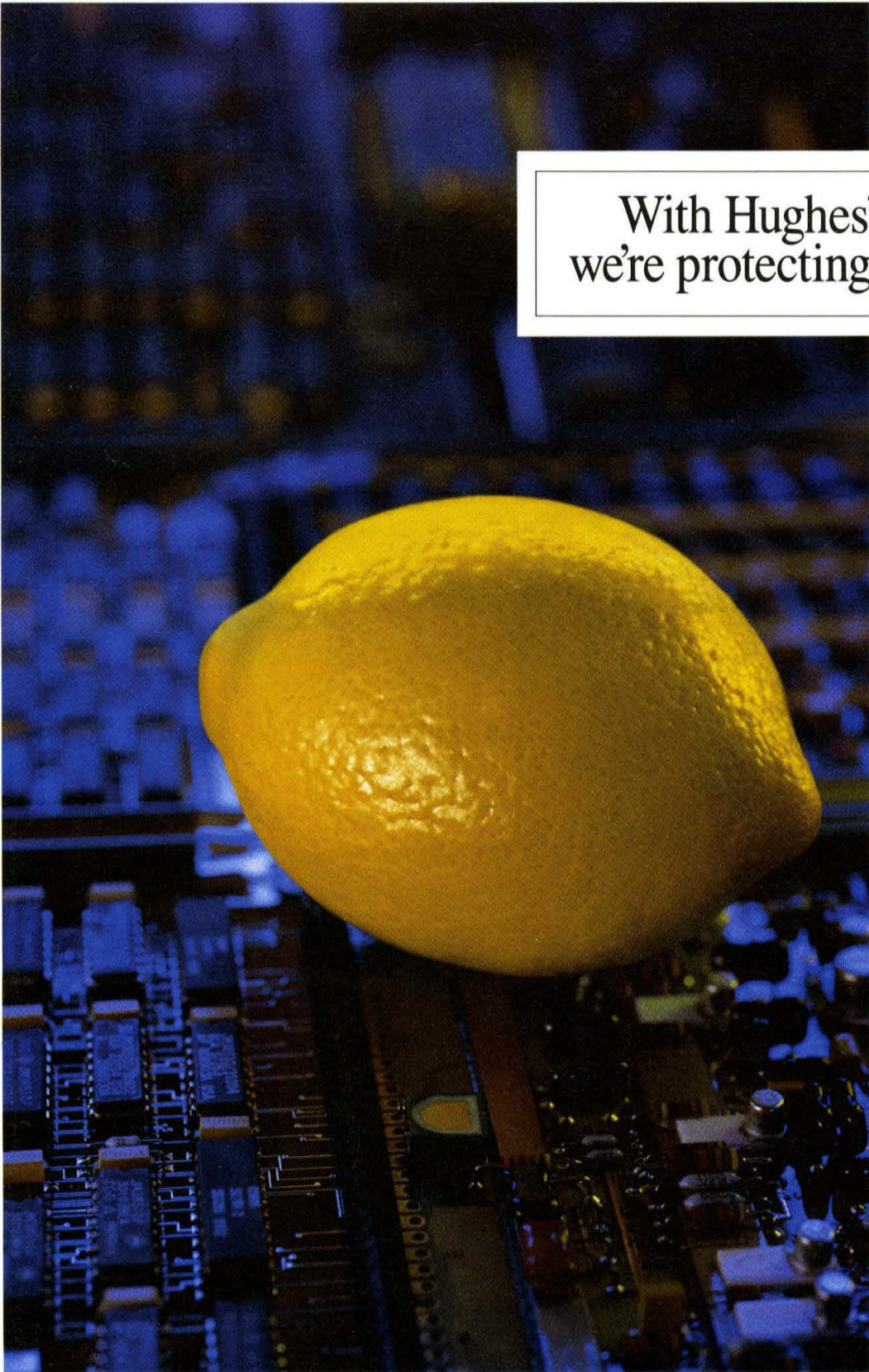
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Sandia National Laboratories  
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Albuquerque, NM 87185  
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Personnel Department 8522  
Sandia National Laboratories  
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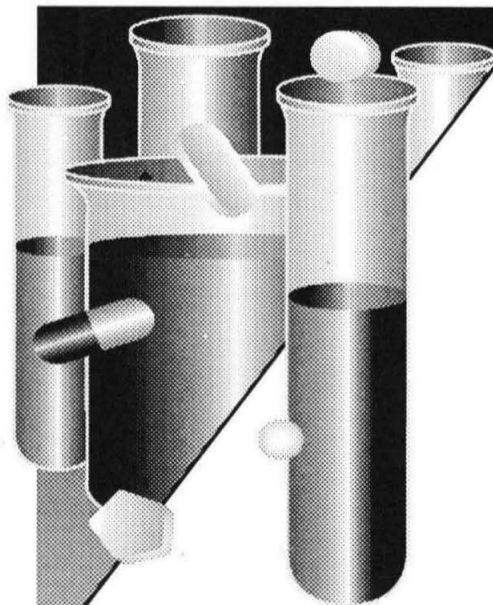
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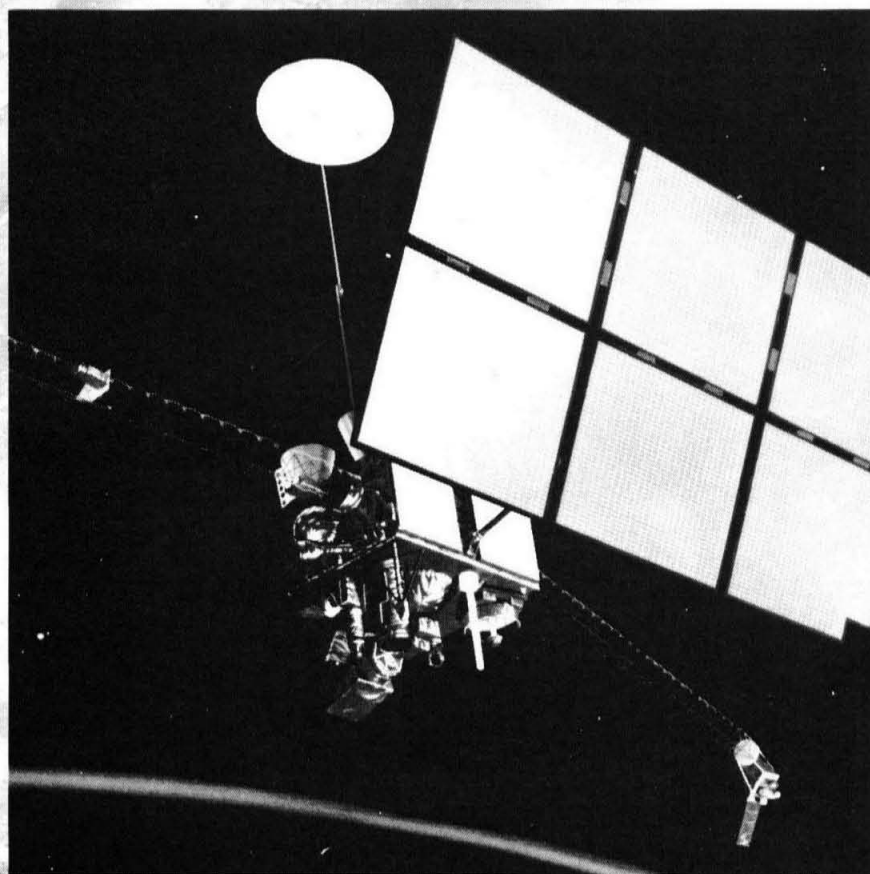
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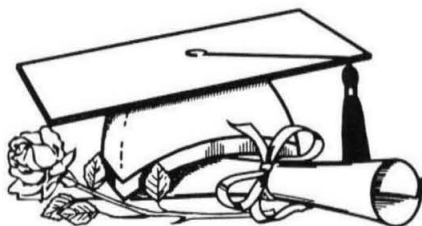


# JPL

Jet Propulsion Laboratory  
California Institute of Technology

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Our congratulations and best wishes  
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to the  
Class of 1993!!!*



*The Registrar's Office*

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Karen Nelson • Tennis, Volleyball  
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Wendell Jack • Football, Asst. A.D.  
John D'Auria • Baseball

Gene Victor • Basketball  
Marc Torres • Equipment Manager  
Denise Gabaldon • Head Trainer  
Kathy Hershey • Office Manager  
Bob Townsend • Head Groundskeeper  
Cathy Monteroso • Volleyball

Dan Bridges • Athletic Director



**YOUR FRIENDS AT PHYSICAL PLANT  
WE'RE PROUD OF YOU!!!**



**CONGRATULATIONS  
TO THE CLASS OF 1993!!!**

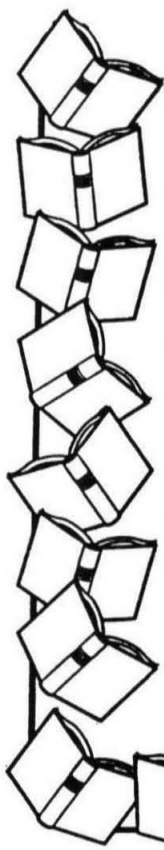


**CONGRATULATIONS  
GRADUATING CLASS OF 1993**

*Let's keep in touch...  
Your membership is welcome.*

*Congratulations  
to the  
Class of 1993!*

*from  
The SURF Team*



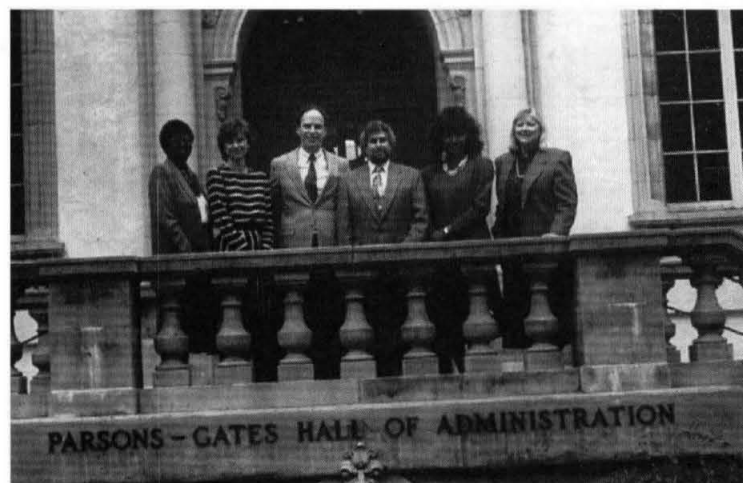
**CONGRATULATIONS CLASS OF 1993!  
Be a Friend...**

*Friends of Caltech Libraries membership enables grads, as well as current students, to continue their Caltech connections and support! FOCAL helps in promoting the Caltech Libraries by raising funds to supplement library purchases and services.*

*FOCAL activities include a luncheon in the Spring and dinner in December. Both events take place in the Ath and feature exciting speakers! There are also a number of smaller, "members only" evening programs. FOCAL's annual Book Sale is always a big hit, too!*

*For details, call (818) 356-6411 or write  
FOCAL, Caltech 1-32, Pasadena, CA 91125.*

**CONGRATULATIONS  
TO THE  
CLASS OF 1993!!**



**V.P. OF STUDENT AFFAIRS**



**Congratulations to the Class of 1993  
From the Faculty and Staff of  
The Division of Engineering and Applied Science**

*And never forget that*

$$\nabla \cdot \mathbf{D} = \rho$$

$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t}$$

$$\nabla \cdot \mathbf{B} = 0$$

$$\nabla \times \mathbf{H} = \mathbf{J} + \frac{\partial \mathbf{D}}{\partial t}.$$



**CONGRATULATIONS  
TO THE CLASS OF 1993  
AND BEST WISHES  
FOR A GREAT FUTURE**

**THE FACULTY**

**CONGRATULATIONS AND  
GOOD LUCK TO  
THE CLASS OF 1993!**

**Thanks for all of your time and  
effort on behalf of the Caltech Y  
(You're all the ginchiest.)**

**Clo "Clover" Butcher** - "Clover, Clover Butcher,  
Queen of the Y Excomm!!"  
(sung to the tune of "Davy Crockett")  
She was the Prez, need we say more?

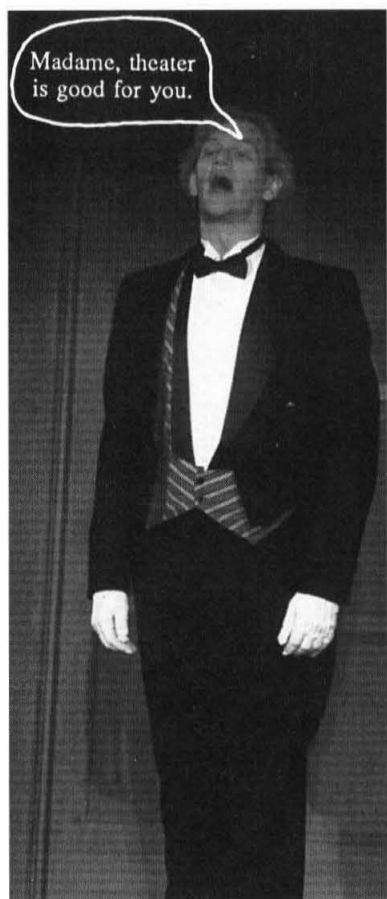
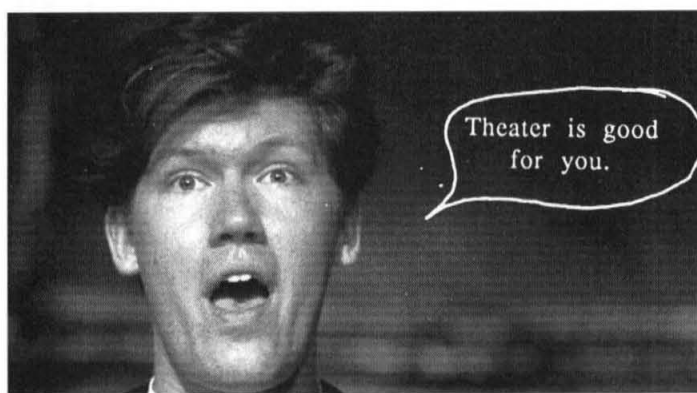
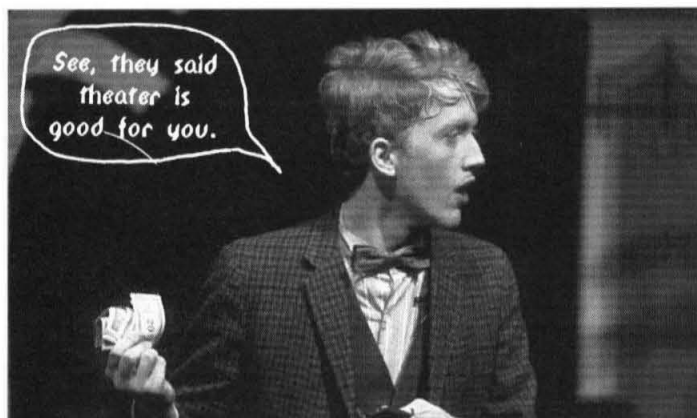
**"50 mile" Phil Cofield** - Recycler, mountain biker,  
fire & ice hiker, and very recreational guy

**Dan "Danny Boy" Sandoval** - Volunteer guru,  
master treasurer, Tijuana pioneer  
(sporty car), and perennial Ranch Manager

**Katy "KTQ" Quinn** - Y Hike Queen, Vice Prez,  
aspirin counter, abstainer in voting situations,  
and staunch Y supporter

T.A.C.I.T. congratulates all the graduating seniors —  
AND ALWAYS REMEMBER. . .

Shane Sauby — Steve „Dodger” Sobelman — Debra Tuttle —



Dan Dilling — Matt Durasoff — Anna George — Tim Gerk —

Jessie Haldeman — Alan Low — Maneesh Sahani —



# Congratulations to the Class of 1993!

Best Wishes for the future  
from the Residence Life  
and Masters Office



## Congratulations to All Graduating Seniors

Good Luck in All Your Future

### Endeavors

Mike Hill

Paul Appel

Linda Chappell

Lorrie Mack

Anthony Valdespino

Biff Yamazaki

Carmen Aceves

Ricardo Ang

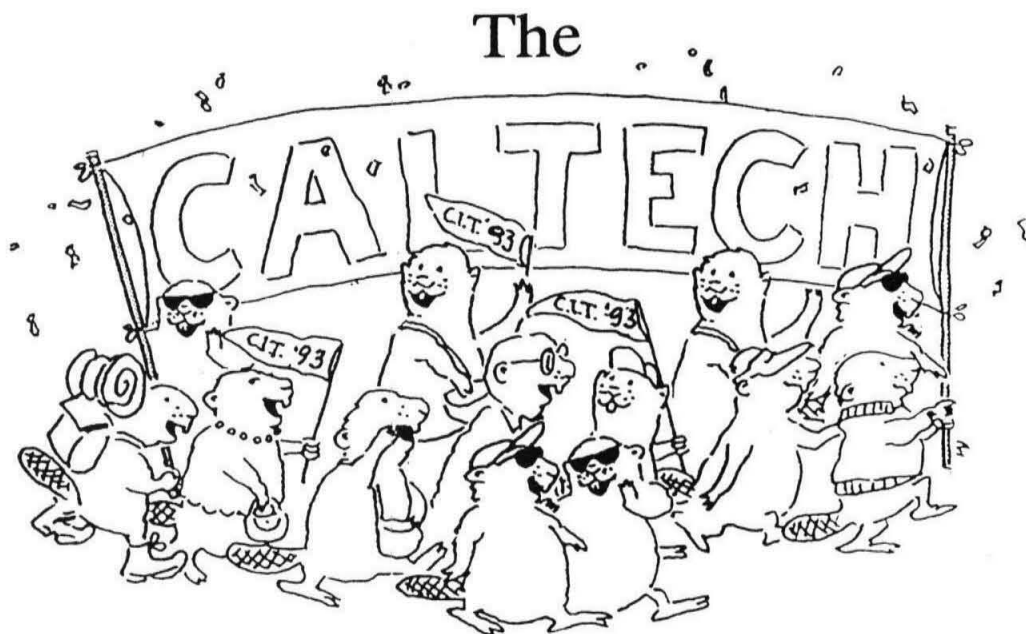
Maria de la Torre

Mina Martinez

Javier Mora

The Housing Office





ALUMNI ASSOCIATION  
congratulates  
the  
CLASS OF 1993!

## Congratulations Graduates!!

We will miss  
all of you.  
Here's to your  
bright future!

Gina & Elizabeth  
Student Activities  
Center Staff





*Congratulations!!*



*Dean's Office Wishes  
Good Luck  
to the  
Class of 1993!!*

*Congratulations  
to the  
Class of 1993!*

*from the  
Division  
of the Humanities  
and Social Sciences*

*Congratulations  
to the  
Class of 1993!!*

*From the  
Division  
of the  
Geological  
and  
Planetary Sciences*

*Congratulations  
and  
Good Luck!!*



*Career Development  
Center*

**Congratulations  
and  
Good Luck  
to the  
Class of 1993**



**From the Staff of the  
Industrial Relations Center**

**CONGRATULATIONS  
AND  
BEST WISHES  
TO THE  
CLASS OF 1993**

**THE PROVOST'S  
OFFICE**

## **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 are:

**Freshman Parents' Day**

**Students Activities**

**Decompression Evenings**

**Thanksgiving Dinners**

**Christmas Boxes**

**Well Baby Clinic**

**Baby Furniture**

**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  
California Institute of Technology  
Pasadena, CA 91125



# CONGRATULATIONS TO OUR GRADUATES

Richard A. Baltzersen  
Michelle A. Berteig  
Julian C. Chen  
Francis F. S. Chong  
Ingrid C. Choong  
Aaron R. Clements  
Timothy K. Firman  
Nathan A. Frei  
Jessie G. Haldeman

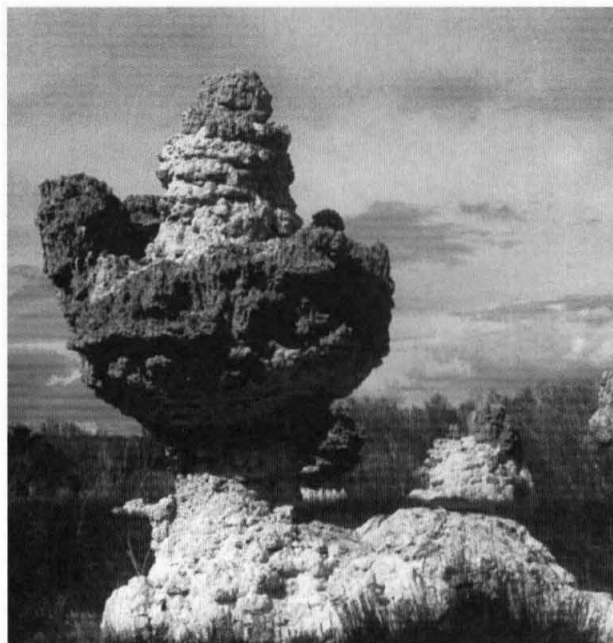
Tarun M. Kapoor  
Wa-To Lau  
Diana T. McMahon  
Joyce C. C. Ng  
Miran S. Y. Rhee  
Jennifer M. Rosser  
Ahmed A. Serag  
Patty B. Tsai  
Sean M. Wetterer

Diane K. Wong  
Erik A. Edelberg  
Valerie M. Jacox  
Yvonne Y. Liu  
Jason D. Macleod  
Jesus M. Cisneros  
Geoffrey S. Wiersema

## CHEMISTRY AND CHEMICAL ENGINEERING

# ***TUFA***

**Heals the body  
and soul.**



# THANKS

Thank you to everyone who helped with the book this year. As always, lots of thanks to Corey Mundwiler, the Taylor representative, for helping us rookies out so much. Thank you to Ingrid Choong, our Business Manager, and Anoop Sinha, who did many nice things for us at the last minute. Everyone should take a moment to appreciate the work the House Editors put in to make their sections special. Finally, thank you to all the little people who contributed photos and wrote articles for us. Double thanks to those of you who submitted these things the first time we asked!

Hope you like the book!

*Christy Esau*

*Stacy Fox*

**1993 Big T Editors**

# COLOPHON

The Big T is published annually by the Associated Students of the California Institute of Technology (ASCIT). The 1993 Big T, "Uniquely Tech," is printed by Taylor Publishing Company, Dallas, Texas, with an initial press run of 880 copies, 256 pages.

The book is printed on 80 lb. matte paper. The cover is four-color lithocote with a wrinkle grain and combination processed screens, cased in with 150 pt. binder's board. Endsheets are recycled rose quartz Passport stock with two colors. Headlines are printed in Seville Italic, subheads in Geneva Thin, and body copy and captions are in Seville.

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