

THE

# Big

PICTURE

1994 GOLDEN GLOBE WINNER







THE  
*Big*  
PICTURE  
1994 BIG-T

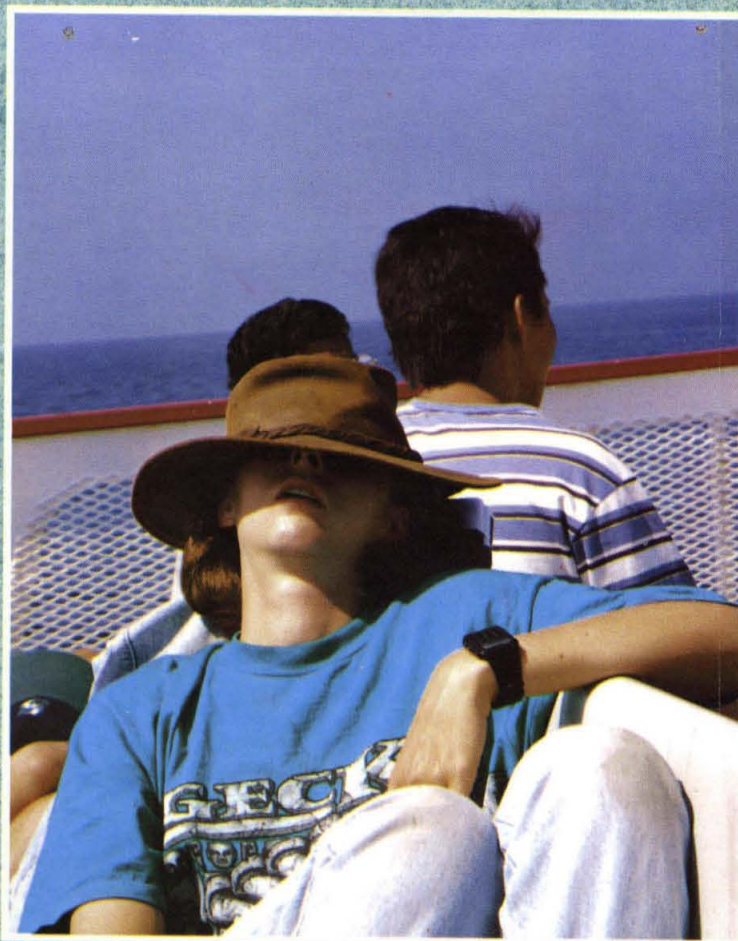
**California Institute of Technology  
Pasadena, California  
Volume 73**



Bryan Carson readies his boat for competition as excited classmates watch.



A freshman catches onto the spirit of pass-fail quickly.



# Off to a Good Start

## Camp Fox Brings Freshmen Into Focus

Picture this: Frosh Camp, 1993. Sun, surf, volleyball, sleep; it is without a doubt the best single week (aside from vacations) for a Caltech freshman. This year was no exception. After arriving in Pasadena, the class of 1997 embarked on a new adventure to Catalina island, off the coast of Los Angeles. Aside from the usual topics of the Honor Code and Social Situations, the formal program this year included an AIDS discussion and a bonus talk from Nobel laureate Rudy Marcus. Some of the more informal activities included, as usual, skits from the Houses, impromptu tal-

ent shows, and an end-all dance on the last night.

In addition to helping making the transition from high school to college easier for the freshman class, Frosh Camp also served to unite the frosh with their classmates in a series of collaborative endeavors that included a design contest, volleyball games, and ultimate frisbee.

For the most part, Frosh Camp is a time for the freshman to take a step away from the prospect of Caltech academics and to acquaint themselves with the Caltech community. During this time, new students were given the

chance to ask questions and be creative without pressure of work or of sounding "clueless".

After three days of meeting new people and learning to work together in a new environment, most of the freshmen were quite pensive on the boat ride home. For many, it was a time of mixed emotions. Among them were emotions of fear, anxiety, and excitement as they reflect back on Camp and look forward to the next four years. As Scott Driggs looked out across the water, he knew that "the water was still, but it was only a still before the storm."





Left, Nobel laureate Rudy Marcus mingles with new Techers. Bottom left, Pick One entertains frosh on the boat to Catalina Island. Below, Freshmen leave Catalina for the sunnier shores of Caltech.

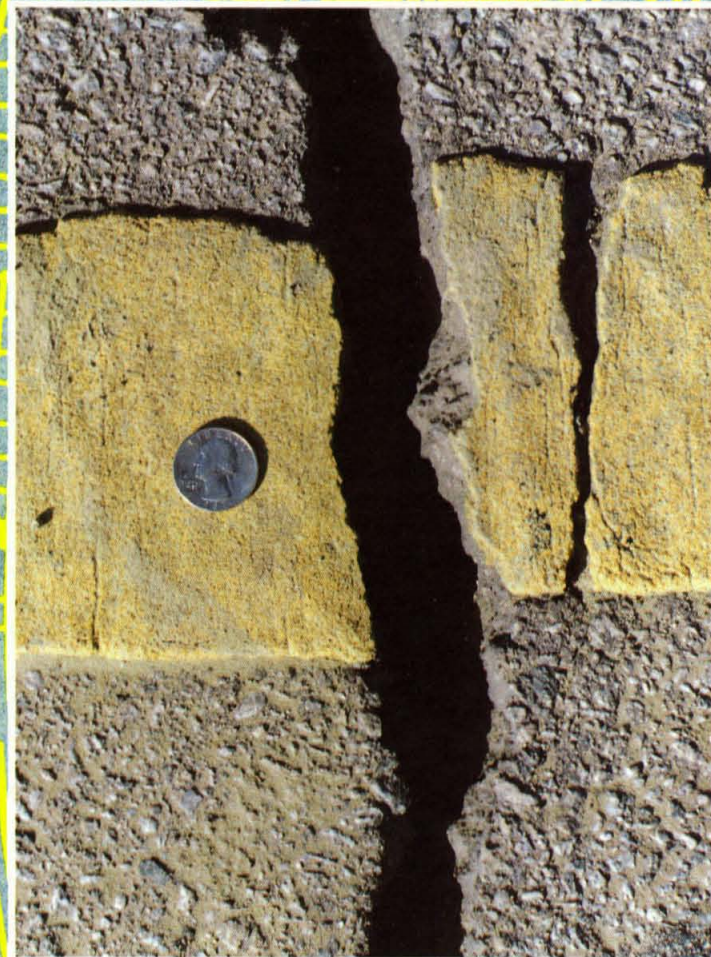
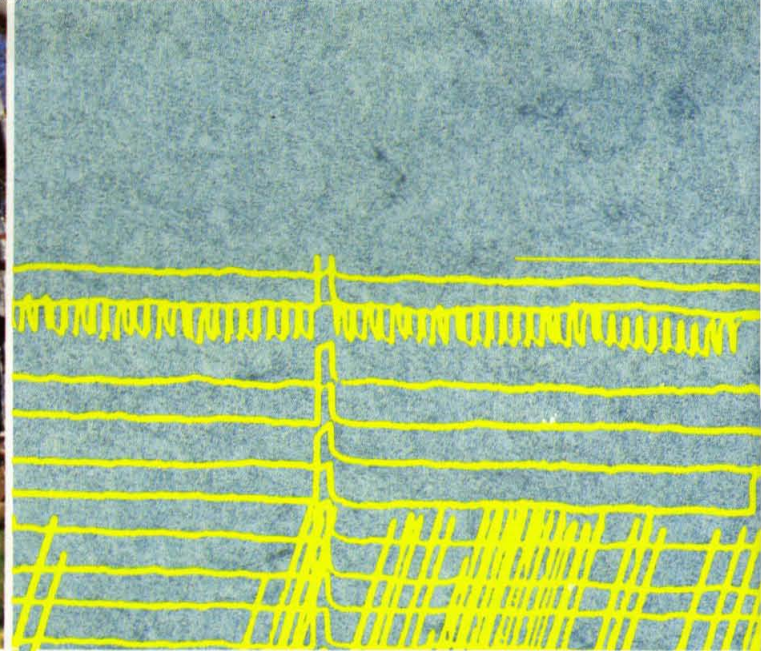


Photos by Aron Rempel.





Many of the casualties of the Northridge quake were a result of the collapse of these Northridge Meadows Apartments.



Above, a small part of Los Angeles moves north. Left, an example of the damage caused by the quake.







Breaks in a natural gas line led to a fire which destroyed many houses in this block in the San Fernando Valley. A water line had also broken, flooding the street.

## SHAKEN UP

This year, Southern California has been plagued with natural disasters including earthquakes and fires. For many Caltech students, experiencing the "big one" this year was their first encounter with an earthquake. For others already familiar with earthquakes, it was just another reminder of the demon lying quietly beneath our feet, ready to strike at any time.

At 4:31 a.m., Monday, January 17th, 1994, a deadly 6.7 earthquake tore through the silence of dawn. Centered in the San Fernando Valley one mile south of Cal State Northridge and 20 miles west of Caltech, the quake claimed 60 lives and resulted in hundreds of injuries. Freeways collapsed, buildings crumbled,

gas lines exploded, landslides occurred, trains derailed, and numerous power outages plagued Southern California. During the shaker's 30-second reign of terror, it caused billions of dollars of damage and left thousands homeless. For many, this experience was a horrifying nightmare.

In the next few days, aftershocks of varying magnitude frequently interrupted peaceful moments. These were constant reminders of imminent death and destruction for some. For those who had never before experienced an earthquake, their feelings were varied. Whatever the case, excited talk and rumors about the quake circulated for days.

Caltech did not escape un-

scathed. Ricketts and Fleming Houses suffered minor structural damage as did Bridge and Sloan. A water pipe burst and flooded a lecture hall in Beckman Behavioral Biology. Otherwise, Caltech did not suffer any serious damage, and repairs were completed soon afterwards.

For now, the emotions associated with the quake lie dormant inside us. The Northridge quake was not the "Big One" that everyone feared, but it did remind us how powerless we are against natural disasters and how life is valuable. The "Quake of 1994" has made its mark in history, and Los Angeles has paid dearly for it.

by Ellis Meng



Right, A group works together to solve a puzzle for a Ditch Day stack. Below, the annual Halloween Pumpkin Drop in which pumpkins are frozen in liquid nitrogen and dropped from Millikan Library is organized by Dabney House.



## Colorful Traditions

What makes life at Tech bearable? It's the fact that Techers aren't just smart, they're *clever*. And clever students are fun people to suffer with. We'll sit near the fire and chat for hours on rock climbing, non-integratable systems, or political allegories in Looney Toons. And over the years, we've developed some of the most distinctive traditions of any college. Many Caltech traditions have developed as a quick way to ease the stress of an excessive workload or to build camaraderie. A quintessential example is showering. Showering a fellow Techer involves any number of people grabbing the victim and carrying him/her off to a shower to get wet, fully clothed.

Resistance is expected and appreciated. It is a multi-purpose tool used to show affection and to repel invaders from other houses. Another such stressing-relieving tradition is "The Ride". Each morning of finals week at 7:00 AM, the more audio-inclined Techers assemble their best and loudest stereo equipments outside of their rooms and blast Wagner's "The Ride of the Valkyries" through the houses at maximum volume. For some Techers, the Ride is a subtle reminder that finals are but a mere fraction of life, life that does not depend on equations or formulas alone. For other, it is a sign to get up, or better yet, to go to sleep.

The most treasured annual tra-

dition at Caltech is Senior Ditch Day. The precise date of Ditch Day is hidden from the underclassmen, but when the day comes, classes are automatically suspended and the seniors leave campus, "stacking" the the doors to their rooms. The stack challenges the underclassmen to solve a puzzle, perform tasks, or physically break into the room via brute force. The bizarre machinations of the seniors make for a truly spectacular day, and a visitation from the local news media. Ditch Day is revered because it captures so much of the Caltech spirit: artfulness, honor, and a spirit of the absurd.

by Adam Villani





The student houses function both as living quarters and social centers, and as such have developed many of their own traditions. In addition to distinctive annual parties, eating dinner in each house is always a sight to behold. Ruddock meals end with a bad joke, while one must avoid being hit by napkins in Fleming, rolls in Ricketts, or sugar packets in Blacker. In most houses, violation of a dinner rule results in a punishment somewhat akin to being pilloried, but wetter and quicker: having a pitcher of water ceremoniously poured on your head while sitting in your seat. Of course, for more vicious offenses, much more viscous substances are used.

Left, Tom Maccarone is trash floated at dinner in Lloyd House.

Below, a bonfire in Ricketts House. Techers have a special affinity for fire.





# Tech Enlarges

Focusing on future expansion, Caltech began the first of a series of constructions that would eventually lead to two additional parking garages, a new research laboratory, and an innovative center for undergraduate/graduate/faculty interactions.

Set to open in the fall of 1996, the new Avery Center will house a total of 139 students and five faculty families on two floors. In addition to dining and kitchen facilities for residents and visitors, there are plans for a late-night cafe, a computer room, a

library, and several seminar rooms for the entire Caltech community. The second phase of the Center will begin construction as soon as a donor is found to kick in the rest of the necessary funds. When completed, the entire complex will stretch from Steele House to Del Mar Boulevard on Holliston Avenue.

Also set to begin construction is Moore Engineering Laboratories. It will be located directly south of Avery Center and west of Steele House boasting 80,000 square feet of lab and office

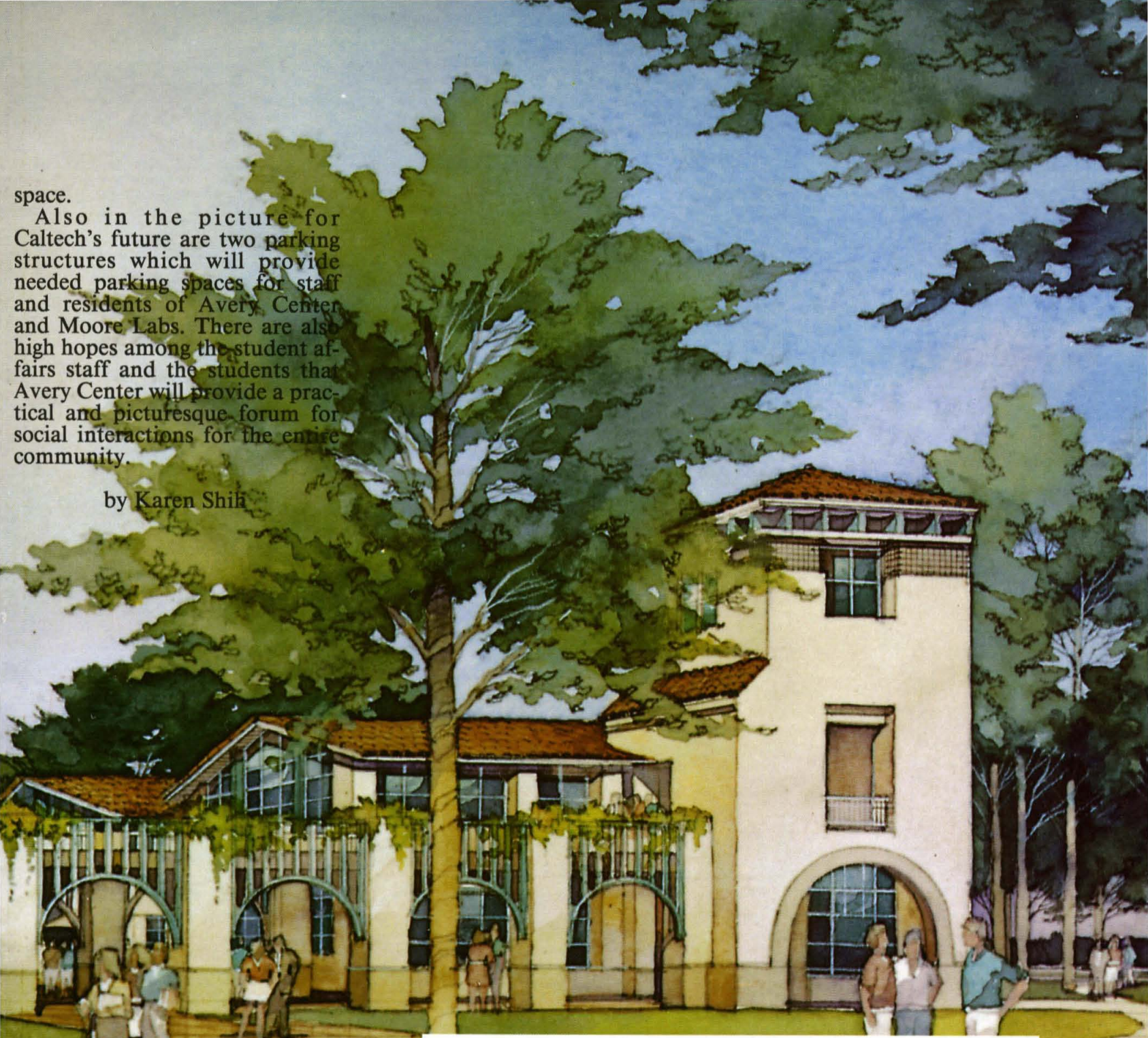




space.

Also in the picture for Caltech's future are two parking structures which will provide needed parking spaces for staff and residents of Avery Center and Moore Labs. There are also high hopes among the student affairs staff and the students that Avery Center will provide a practical and picturesque forum for social interactions for the entire community.

by Karen Shih



Background, an artist's rendition of the future Avery Center.  
Left, another former student house on Holliston is carried away to make room for Moore Laboratories.  
Right, construction of the new parking structure on Holliston Ave.









The background is a grayscale photograph of a large, multi-story building with a prominent tower, partially obscured by trees. A white film strip with sprocket holes is overlaid diagonally across the image, starting from the bottom left and extending towards the top right.

# *Academics*



# GEOLOGY

Front: Arden Albee, Hiroo Kanamori, M. Gurnis, Joann Stock, Samuel Epstein, Peter Goldreich. Back: Kerry Sieh, Robert Clayton, Joseph Kirschvink, Geoffrey Blake, James Westphal, D. Stevenson, Peter Wyllie, Hugh Taylor, Edward Stolper, Bruce Murray, Barclay Kamb.



## Caltech Seismologists in the Spotlight



With any flurry of seismic activity in Southern California, press from around the world turn to Caltech seismologists for the latest geological information.

Within minutes of the January 17 Northridge earthquake, the newscasters flocked to the earthquake media center in South Mudd. Caltech students flooded the lobby of the suddenly popular geology building while journalists parked numerous satellite TV trucks outside. While members of the press beamed updates on aftershock activity given by Dr. Kate Hutton around the world, her tireless colleagues determined the locations and magnitudes of the latest shakers.

The media circus in Mudd not only helped keep Caltech on the map, it also gave students a chance to achieve instant though short-lived fame.

By Nestor Ocampo

Above, Kate Hutton prepares for a press conference less than an hour after the Northridge quake.

Below, news vans pile up outside of S. Mudd within minutes of any major earthquake.





# ATHLETICS



Left to right: Wendell Jack, Joanna Kiva, Kathy Hershey, Jean Timpe, Dan Bridges

# CHEMISTRY



Front: Julia Kornfield, Sunney Chan, Dennis Dougherty, Nathan Lewis, Jacqueline Barton, Mitchio Okumura, Richard Flagan, John Brady, Eric Carreira. Back: Douglas Rees, John Roberts, John Bercaw, Zhen-Gang Wang, Fred Anson, Rudolph Marcus, Daniel Weitekamp, William Goddard, Peter Dervan, Ahmed Zewail, Jesse Beauchamp, John Baldeschwieler, Robert Grubbs.



One of the newest administrative positions on the Caltech campus is that of the Assistant Dean for Minority Student Recruitment and Retention. This office achieves a high level of interaction with a number of Caltech undergraduates.

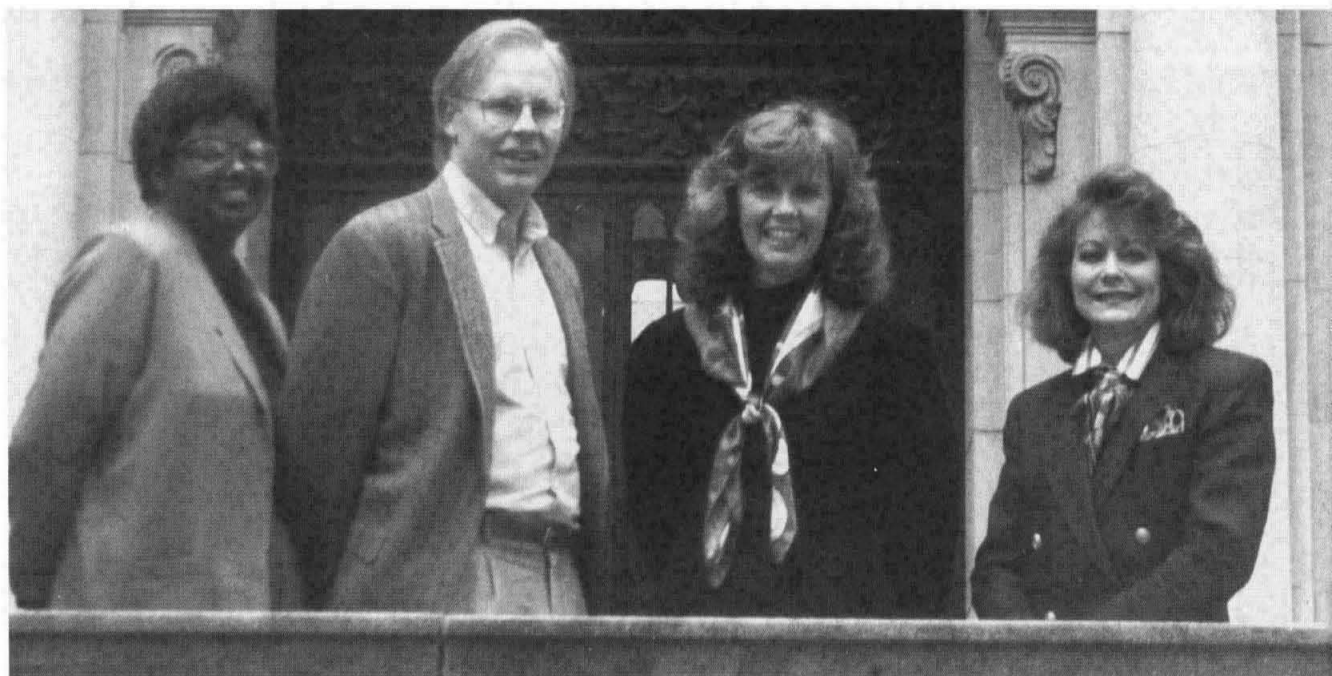
In combination with the Dean of Students and the Student Affairs offices, they work toward creating and maintaining a high quality of life for underrepresented Caltech undergraduates. They do this by fostering programs that specifically address the needs of underrepresented students and the Caltech community. As Caltech moves toward increased campus diversity, the Assistant Dean hopes for the continued success of all of the students they serve.

by Frank Vargas



## Assistant Dean for Minority Recruitment and Retention

Michelle McClenahan and Frank Vargas.



## DEAN'S OFFICE

Left to right: Sandra Estes, Rod Kiewiet, Barbara Green, Suzette Cummings.



# BIOLOGY



Kneeling: Mark Konishi, Melvin Simon, Elliot Meyerowitz, Howard Lipshitz. Standing: Scott Fraser, Jean-Paul Revel, Pamela Bjorkman, Charles Brokaw, Ray Deshaies, Erin Schuman, Stephen Mayo, Norman Davidson, William Dunphy, Mary Kennedy, John Allman, John Abelson.



## CDC

### Career Development Center

Left to right: Amy Seidel Malak, Sally Asmundson, Rosana Madrid Gatti, Rennie Dudek, Dianne McLauchlin, Linda Powell.



# ADMISSIONS OFFICE

Back Row: Mia Trescia Roth,  
Kanchana N.W.G.M.M., Scot  
Jung, Tracy Poole, Peter  
Manca, Jian Jin Tuan, Joan  
Marie Gimbel, Alison Slem  
Front Row: Marcy Whaley,  
Carole Snow, Kate  
Talmazan, Garrett Choi,  
Sabrina Ramos

Not Pictured: Charlie Aller



# FINANCIAL AID OFFICE

Left to Right: Sheryl Hayes, Ellen Harris, Cheryl Hanson, Eva Whitscott, Isabel Cobos, David Levy



# REGISTRAR



From Left to Right: Linda King, Kate Finigan, Dr. Judith Goodstein, Gloria Brewster

# PRESIDENT'S OFFICE



From Left to Right: Linda Riggall, Mary Webster, Wilhelmina Brown, Nancy O'Connor, Dr. Thomas Everhart, Susan Martin



Left to Right: Stan Borodinsky, Sandra Estes, Sharon Slavin, Jerri Greene, Linda Powell, Gary Lorden, Alison Sopher

# STUDENT AFFAIRS



# APPLIED MATHEMATICS

Front: Dan Meiron, Joel Franklin  
Back: Dan Cohen, Herb Keller, Gerald Witham, Phillip Saffman



Front: Peter Fay, George Pigman, James Woodward, Cindy Weinstein, Oscar Mandel, Jenijoy LaBelle, David Hilbert  
Back: Alan Hajek, Doug Flaming, Kevin Gilmartin, Dan Kevles, Morgan Kousser



# HUMANITIES



# Residence Life Staff



First Row: Liz Price, Sandip Trivedi, Shubha Tole, Laura Verhoff, Gina Armas, Krista Petterson  
 Second Row: Jim Ostrowski, Marcia France, Len Mueller, Shelley Mueller, Jennifer Trittschuh, Peo Petterson  
 Third Row: Pete Young, David Wales, Kim West, Michelle Apperson, David Kaufman  
 Not Pictured: Dave Beam, Gabby Beam, Ken Apperson, Doug Yule, Rebecca McGrew, Elizabeth Kaufman

# Housing Office



First Row: Estella Gonzalez, Martina Villa, Rita Gonzalez, Josefa Meraz, Hermina Rocha, Inocencia Portela, Mina Martinez, Martina Romero, Ricardo Ang, Guillermina Robles, Biff Yamazaki, Dutch, Tom Mannion  
 Second Row: Abelina Banuelos, Rosa Anguiano, Maria Lomelli, Rosario Marquez, Miguel Ruiz, Linda Chappell, Maria de la Torre, Herlinda Vega, Miguel Meraz  
 Third Row: Raquel Carillo, Anna Rosa Garcia, Linda Plante, Jesus Cosio, Raul Mendez, Jose Luis Gutierrez, Miguel McCall, Ted Helland, Eduardo Delvillar, Alejandro Delgado, Jose Luis Martinez  
 Fourth Row: Dick Whittigton, Carlos Hinojosa, Pedro Robledo, Javier Mora, Juan Mendez, Juan Cardenas, Henry Shaw, Don Campbell, Tony Valdespino, Paul Appel, Lorrie Mack, Noel Nava, Hector Diaz



# Social Sciences

First Row: Robin Hanson, Paul Brewer, Yan Chen, Thomas Palfrey, Micah Altman, John Duggan, Richard McKelvey, Kurt Zobenica

Second Row: Lance Davis, David Grether, Charles Plott, Jeffrey Dubin, Michael Alvarez, Elizabeth Gerber, Gretchen Kalsow, Katerina Sherstyuk, Olga Shvetsova, Mishel Myagkov, Szilvia Papai

Third Row: Kim Border, Morgan Kousser, Scott Page, Mark Fey, William Harnett, Laurence Fumagalli



# Physics/Mathematics

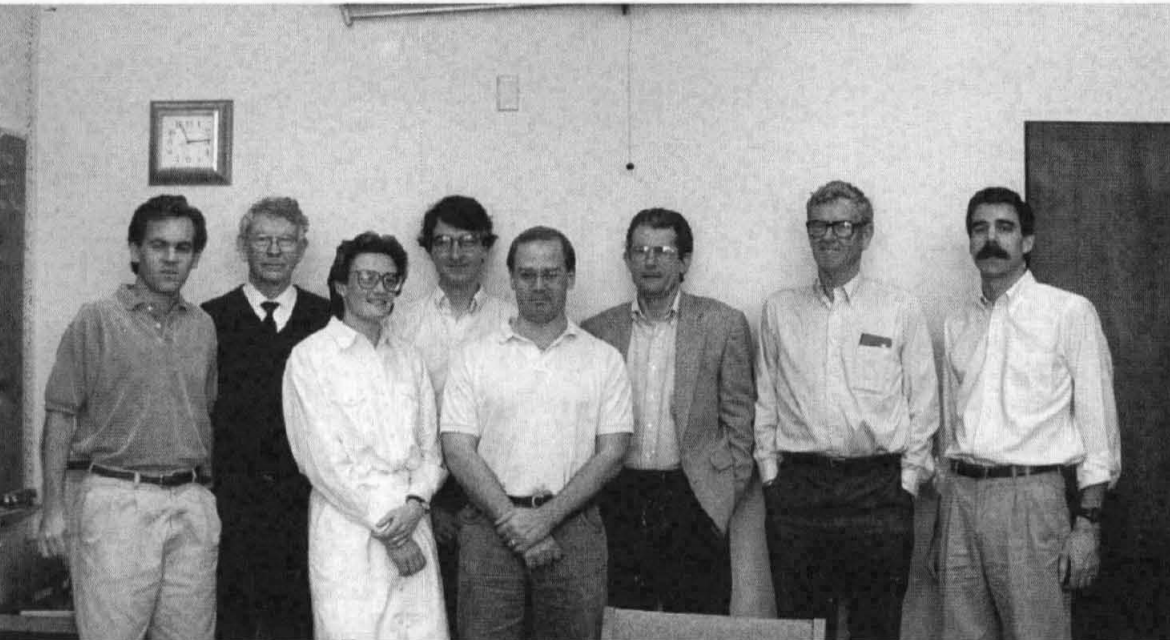


First Row: A. Readhead, D. Gabai, R. McKeown, C. Peck, T. Tombrello, N. Yeh, J. Schwarz, R. Drever, T. Soifer, K. Libbrecht, A. Kechris, T. Pearson, M. Roukes, M. Ashbacher, R. Vogt, J. Zmuidzinas, G. Djorgovski

Second Row: F. Boehm, D. Politzer, D. Gary, R. Kavanagh, W. Whaling, M. Wise, G. Lorden, J. Kimble, W. Sargent, R. Blandford, T. Prince, R. Christy, M. Cross, E. Cowan



# Mechanical Engineering



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



Front Row: Barry Megdal, Yaser Abu-Mostafa, George Zimmerman, Yu-Chong Tai  
Back Row: Pietro Perona, Robert McEliece, David Rutledge, David Middlebrook, William Bridges

# Electrical Engineering





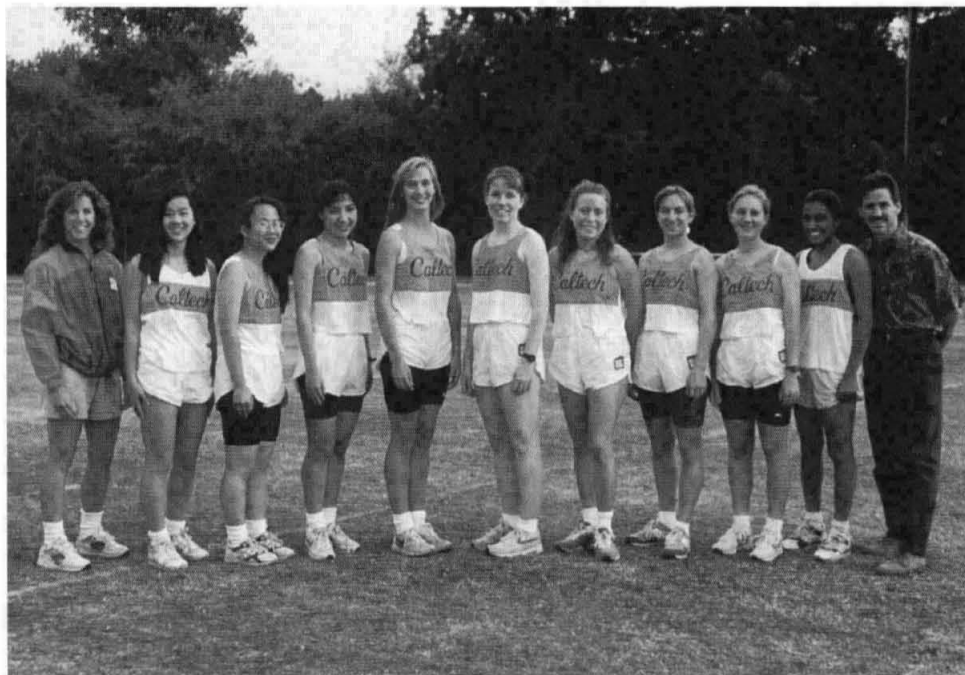


A black and white photograph of a school campus. In the background, there are rolling hills. In the middle ground, a large, light-colored building with multiple windows and a flat roof is visible. In the foreground, there is a parking lot with several cars parked. A large, dark, diagonal film strip graphic with sprocket holes is overlaid on the right side of the image. The word "Athletics" is written in a large, bold, cursive script across the center of the image.

# Athletics



# WOMEN'S CROSS COUNTRY



Left to Right: Asst. Coach Carolyn Beck, Pauline Ng, Janis Chang, Ginger Garcia, Gretchen Larson, Betsy Barton, Cailin Henderson, Tessa Miller, Keely Walker, Radhika Reddy, Head Coach Jim O'Brien  
Not Pictured: Megan Andrews



1993 began a new era for the women's cross-country team as seven graduated seniors were replaced by seven frosh. This team soon proved itself competitive and talented. Joining senior Barton and junior Garcia in the top six were freshmen standouts Henderson, Miller, Larson, and Reddy. After placing second early in the Westmont and Caltech meets, the athletes showed tremendous improvement as all five scoring members ran 23 minutes on a 5K course.

At the SCIAC Championship Meet, Caltech narrowly defeated Redlands 174-170 to claim 6th place. During the dual meet season, Caltech posted a 6-8 record. In a meet decided by six seconds, Tech lost a chance at a break-

even season to Cal Lutheran.

Henderson finished as the team's #1 runner by posting a season best 20:50 and winning the Outstanding Female Runner Award. Miller improved her 5K time to 22:00 to claim the Outstanding Newcomer Award. Larson and Reddy both earned the Most Dedicated Athlete Awards. Team Captain Garcia overcame a knee injury to become Tech's #2 runner while Barton worked into the scoring top 5. Garcia and Barton both received Most Improved Runner Awards. The team finished in 6th place in the SCIAC while gaining recognition from the NCAA as All-Academic.

by Jim O'Brien

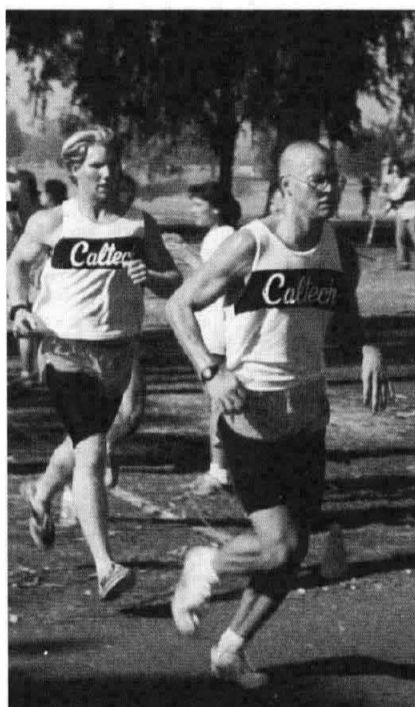
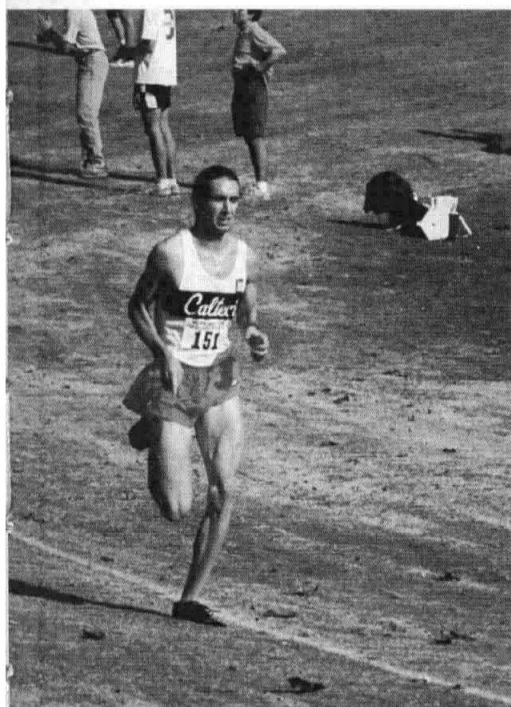
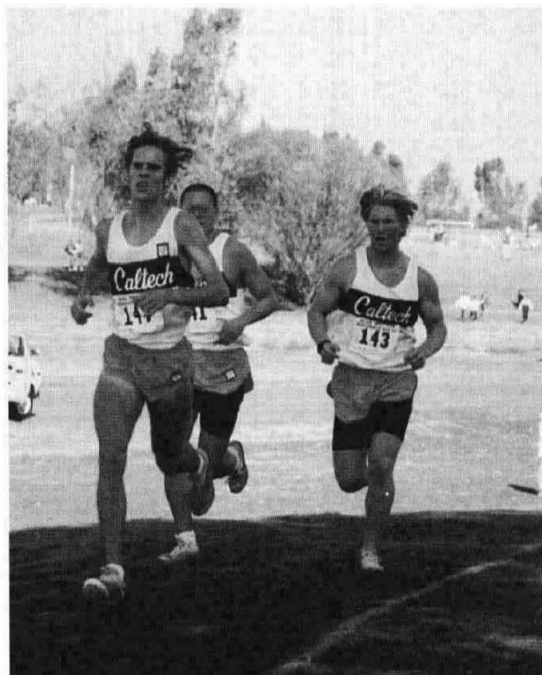
| Caltech                     | Opponent               |
|-----------------------------|------------------------|
| 26                          | Whittier               |
| 25                          | Westmont               |
| 27                          | San Luis Distance Club |
| 32                          | Cal Lutheran           |
| 18                          | Chapman                |
| 31                          | Team Blarney           |
| 18                          | Mount Saint Mary's     |
| 28                          | Cal Lutheran           |
| 50                          | Claremont              |
| 15                          | La Verne               |
| 49                          | Occidental             |
| 35                          | Pomona-Pitzer          |
| 21                          | Redlands               |
| 48                          | Whittier               |
| Dual Meet Record 6-8        |                        |
| SCIAC Championship Meet 6th |                        |
| Conference Finish 6th       |                        |



# MEN'S CROSS COUNTRY



Ben Siron, Tom Dmukauskas, Mike Thomas, Tom Meyer, Alex Spadini, Head Coach Jim O'Brien, Andy Zug, Schuyler Cullen, Chris Cary, Ned Bowden, Ron Stieger, Jesse Shue, Damien Martinez, Asst. Coach Alex Munn, Not Pictured: Albert Erives.



| Caltech                     | Opponent                            |
|-----------------------------|-------------------------------------|
| 29                          | San Luis Distance Club 26           |
| 28                          | Santa Barbara Athletic Assn 30      |
| 19                          | Westmont 41                         |
| 18                          | Masters 42                          |
| 20                          | Team Blarney 43                     |
| 15                          | Caltech Alumni 48                   |
| 23                          | Cal Lutheran 37                     |
| 15                          | Chapman 50                          |
| 19                          | Griffith Park Athletic Assn Forfeit |
| 17                          | Masters 43                          |
| 15                          | Cal Lutheran Forfeit                |
| 45                          | Claremont 18                        |
| 23                          | La Verne 35                         |
| 36                          | Occidental 19                       |
| 36                          | Pomona-Pitzer 20                    |
| 28                          | Redlands 27                         |
| 31                          | Whittier 25                         |
| Dual Meet Record 11-6       |                                     |
| SCIAC Championship Meet 5th |                                     |
| Conference Finish 6th       |                                     |

With only 13 runners, the 1993 Men's Cross Country Team was the smallest in several years, but the results were huge. This talented group posted an 11-6 record, and ran their way into 5th place at the SCIAC Championships.

Some highlights were provided by senior Captains Bowden and Zug. Bowden placed 19th to claim 2nd team All-Conference while Zug placed 2nd in the SCIAC meet — the best Tech finish in 40 years — to get 1st team

All-Conference. Zug set a school record for an 8K course with his 26:07 performance and qualified for the NCAA Championships with a 9th place 26:13 performance. His 28:11 clocking there was far from his season best, but he made history as the first athlete to represent Caltech at the NCAA Championship Meet.

Zug and Bowden were honored by their teammates as winners of the Paul Barthel Award for leadership, dedication, and achievement. Zug also won

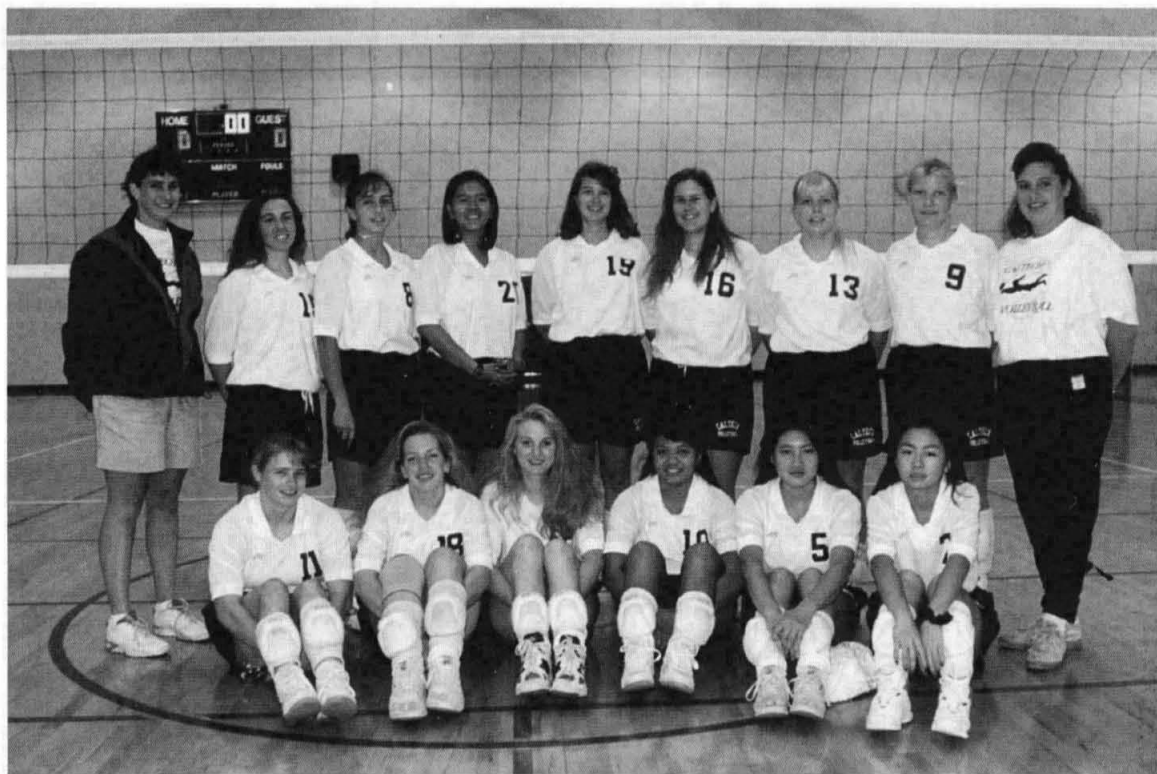
the Outstanding Runner Award while juniors Stieger and Cullen were named Most Improved. Freshman Shue pushed Zug and Bowden all season with a best time of 27:54 at SCIAC Championships.

On a final note, it appears that the T-shirts stating "CALTECH CROSS COUNTRY, We're Smarter Than you" is correct. The NCAA recognized Caltech as the #1 team in Division III with a combined GPA of 3.78.

by Jim O'Brien



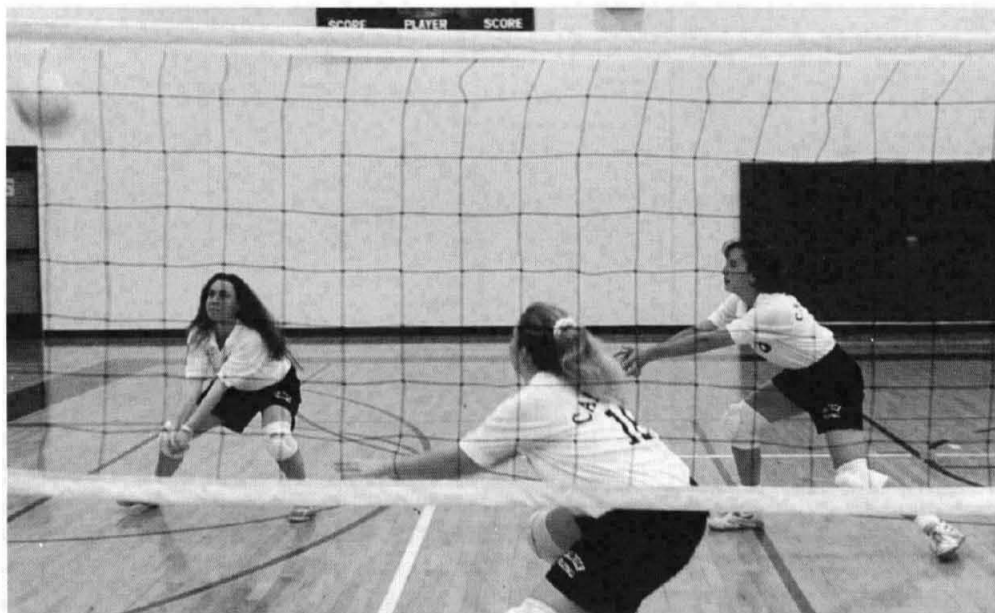
# SETTING RECORDS



The Caltech Women's Volleyball Team came into its second intercollegiate season as a much improved team. The skill levels of all the team members increased tremendously since last year and gave rise to a number of new school records. Oldenburg finished the season with 67 kills, 51 aces, and 108 service points while Coughlin registered a record 132 digs for the season.

The leadership and experience provided by seniors Esau and Coughlin as well as junior Oldenburg helped the Tech women through some tough matches and two tournaments: the Eight-Team Caltech Invitational and the Cal Maritime Tournaments. At the Cal Maritime Tournament, four of Caltech's athletes received recognition as Coughlin received First Team, All-Tournament honors, and Esau, Oldenburg and Bealko were named to the Second Team, All-Tournament.

by Cathy Monteroso



Top L to R: Coach Cathy Monteroso, Penny Muir, Katie Coughlin, Lily Chang, Sharon Grelecki, Stephanie Haussmann, Amy Oldenburg, Christy Esau, Asst. Coach Brenda Russell. Bottom L to R: Rebekah Mills, Angie Bealko, Jennifer Holland, Monica Silva, Janet Sun, Mal Zhang.



# TECH IRONS

**L to R:** Erik Wasinger, Brian Kjerulf, Brian Essy, Coach Hal Cassriel, Jason Trevor, Tim Nelson, Clay Kishiyama. **Not Pictured:** Craig Smith, Virgil Everett.



The 1994 Caltech Golf Team welcomed two new golfers, Kishiyama and Everett, and a new coach, Cassriel, to the squad. After suffering close defeats at the hands of Pomona and Whittier early in the season, Tech celebrated a late-season comeback victory over Occidental. The true highlight of the season came during post-season play as a team of four (Nelson, Essy, Kishiyama, and Trevor) placed fifth among eight conference teams in an utter downpour and hurricane winds. Tech came in ahead of Oxy, Whittier and beat Claremont for the first time in recent years.

While four-year letterman Kjerulf and senior Smith will be missed, the team looks to improve next year with returning Captain Trevor, MVP Nelson, and Junior Wasinger. Nelson received the Jesse Clarke Award by a vote of all conference golfers as the embodiment of good sportsmanship, skilled play, and good-hearted competition.

by Tim Nelson & Jason Trevor



**Top L to R:** Robert Sides, Robert Bergeron, Charles Halloran, Tyson Grant, John Lagford, Anil Rooparine, Charles Sharman, Robert Chapman, Mike Vogel. **Bottom L to R:** Bryce Engelbrecht, Erick Co, Yusuf Gomel, José Garcia, Gilbert Yoh, Tad Fujioka, Albert Ramirez, Clay Kishiyama.

Despite setbacks early in the season, Caltech Men's Soccer Team did very well this year. Preseason play found Tech men on shaky ground as injuries took their toll on player availability.

As the season progressed, however, Beaver confidence grew and resulted in a conference win over Occidental with two goals by Marsh. The replacement of many graduated players with freshmen Ramirez, Kishiyama, Grant, and Sides helped Caltech play competitively.

Tech ended the season tied with Oxy and one place higher than usual. Personal triumph included second-team All-Conference honors for mid-fielder Engelbrecht. Though they will sorely miss seniors Kjerulf, Garcia, and Halloran, the Beavers will look to returning players such as Bergeron, Engelbrecht, Gottula, Haritos, Ramirez, Sharman, and Werner to lead next year's team to another great season.

by Charles Sharman

# GOLF AND SOCCER

# DRIBBLING AHEAD



# TENNIS TEAMS POST

| Caltech | Opponent       |     |
|---------|----------------|-----|
| 6       | Azusa Pacific  | 3   |
| 5       | Cal Lutheran   | 4   |
| 9       | Mt. St. Mary's | 0   |
| 3       | Whittier       | 6   |
| 4       | Azusa Pacific  | 5   |
| 1       | La Verne       | 8   |
| 0       | Occidental     | 9   |
| 3       | Chapman        | 6   |
| 7       | Mt. St. Mary's | 2   |
| 1       | Dominican      | 5   |
| 1       | Mills          | 8   |
| 8       | Menlo          | 0   |
| 7       | PCC            | 2   |
| 0       | CMS            | 9   |
| 4       | Cal Lutheran   | 5   |
| 0       | Redlands       | 9   |
| 5       | Whittier       | 4   |
| rained  | Pomona Pitzer  | out |
| 0       | Pomona-Pitzer* | 9   |
| 2       | Whittier*      | 7   |
| 5       | Cal Lutheran*  | 4   |

\* SCIAC Championships



Standing: Coach Karen Nelson, Lena Petrovic, Jun Yang, Monica Silva, Kirsten Nelson, Karen Shih. Sitting: Lucy Chen, Jill Bush, June Fujimoto, Laura Verhoff

## 1994 Awards

**Most Valuable PLayer:**  
Monica Silva and Laura Verhoff

**Most Inspirational Players:**  
Jill Bush and Laura Verhoff

**Most Improved PLayer:**  
Jill Bush

**Players' Award:** June Fujimoto

**Coach's Award:** Jun Yang

**1994 Co-Captains:** Jill Bush and Karen Shih  
**1995 Co-Captains:** Monica Silva and Laura Verhoff



The Caltech Women's Tennis Team had another successful season, finishing with the best record in history. The 1994 team worked hard for their 9-12 overall and 1-5 SCIAC records. The Beaver's biggest win this year came April 20th against Whittier as Caltech pulled out an exciting 5-4 victory. (Caltech

had not beaten Whittier since the 1991 season.) The victory put Caltech in a three way tie for sixth place with Whittier and Cal Lutheran as they headed into the SCIAC Tournament.

At the Tournament, Tech lost to Whittier in the consolation round, but came back to avenge an earlier loss to Cal Lutheran in

the seventh-place playoff. Caltech finished in seventh place in the tournament and in overall conference standings. Yang finished the year with the best singles record at 13-4, while Fujimoto/ Verhoff claimed the best doubles record at 13-3.

by Karen Nelson

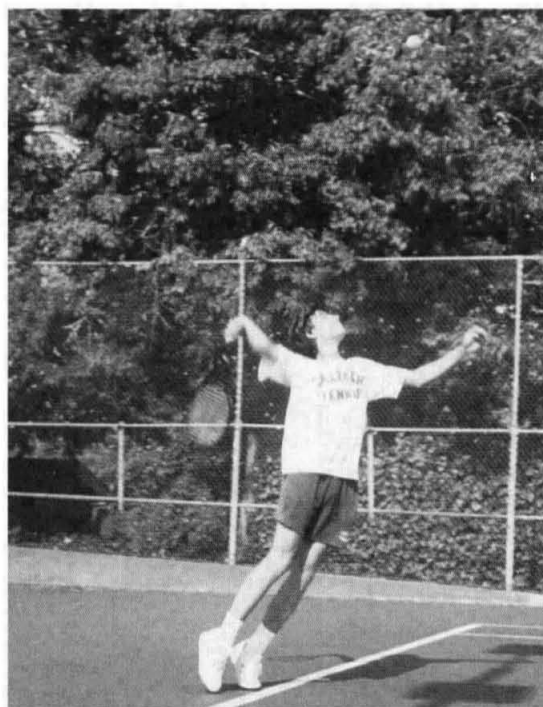
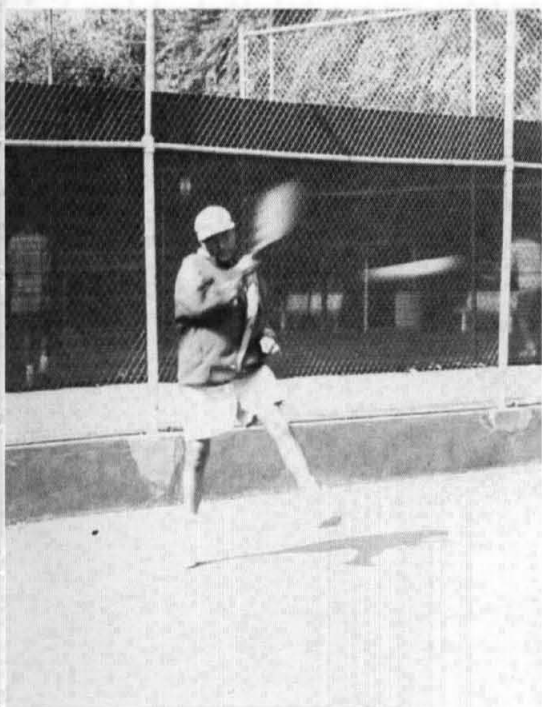


# BEST SEASONS EVER

# MEN'S TENNIS



Left to Right: Robert Sides, Atul Salvekar, Chandra Das, Julian Jamison, Ali Alagheband, Albert Lee, Coach Mike Jackson. Not Pictured: David Park, Carlos Maldonado, Mike Zeineh, Gilbert Yoh, Albert Ramirez, Marko Milek, Dave Bacon.



1994 was an exciting year for the Men's Tennis Team, posting a 10-11 season — the best in their history. In conference play, Caltech amassed only one win in a close match against La Verne. After a mid-season break in Hawaii, the team ended the season ready for the SCIAC Champion-

ships. When the time came, the Beavers pulled through. Tough wins by Das (#2), Ramirez (#3), and Zeineh/Jamison (#3 doubles) brought a 5-4 victory against Whittier and 6th place in the conference.

Despite losing three seniors for next year including Captain Lee,

the team is ready for another successful year led by captain and unanimous MVP Das. Other returning players, including freshmen Bacon, Ramirez, Maldonado, and Sides, will be a force the rest of the conference needs to take seriously in 1995.

by Julian Jamison



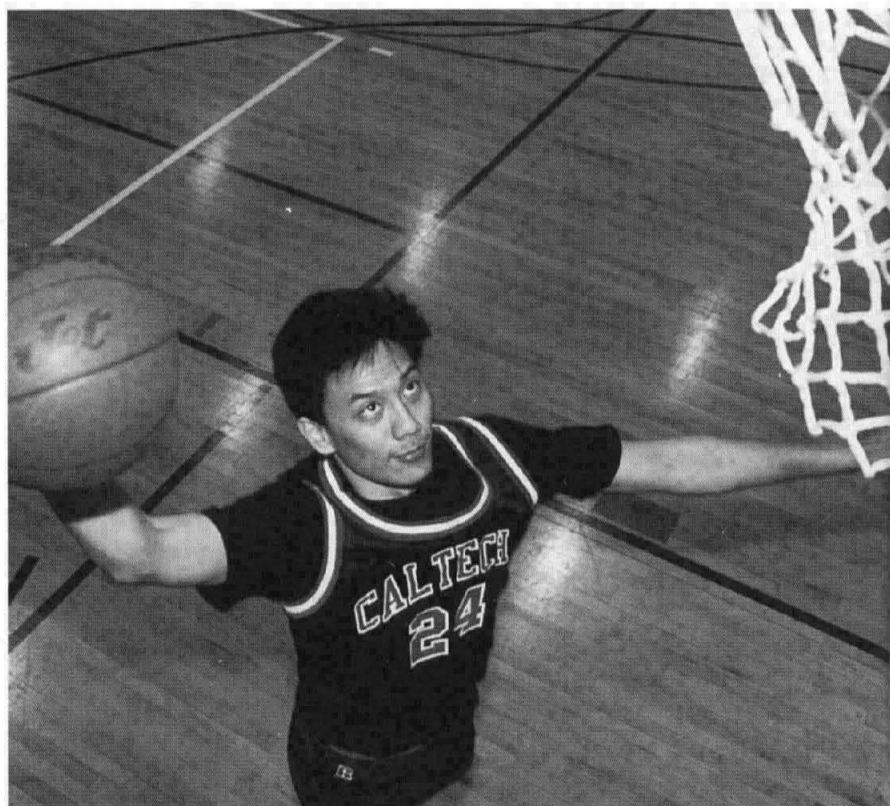
# BEAVERS TOUGH OUT

On November 1st, 25 players reported for the first practice of the season. Both teams worked hard in the pre-season as noted by the varsity's nine-game winning streak to start the season. During this streak, the varsity team won the fourth annual Caltech Tournament and the Keelhauler Tournament in Vallejo, California and thus marked the longest winning streak ever by a Caltech basketball team.

Unfortunately, the Varsity team lacked depth this year, and the five starters rarely rested during the nine game preseason schedule. Tiredness caught up with the Beavers by the time they opened SCIAC play this year. Both the Varsity and Junior Varsity teams were winless in the SCIAC but did remain highly competitive throughout the entire season.

Each of the 25 players who reported for the first day of practice stayed with the team the entire season. Despite a demanding schedule and difficult conditions, both teams stuck together and finished strong.

by Gene Victor



Steve Tsai cruises in for an easy two.



Standing: Asst. Coaches Dan Kolmorgan, Ken Wiberg, and John Phillipakos, Todd Gottula, Scott Lyons, John Parks, George Papa, Josh Moats, Virgil Everett, Head Coach Gene Victor, Trainer Denise Gabaldon. Kneeling: Bryce Elliot, Nhat Nguyen, Steve Tsai, Gilbert Yoh, Tom Zavisca, Daniel Huang



# A ROUGH SEASON



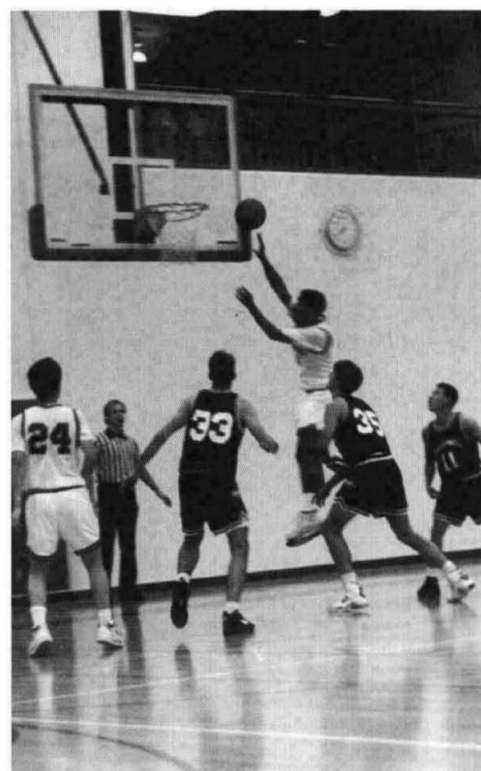
Standing: Tae Kim, Mike Tice, Aroon Durairaj, Bob Webink, Rupesh Doshi, Chris Lee, Zoltan Somogyi, Asst. Coach Ken Wiberg. Kneeling: Alain Inugui, Greg Harper, Clay Kishiyama, Angie Bealko, David Zito.



Tech men fight for a defensive rebound.



George Papa takes a jump shot.



John Parks shakes a defender for the short shot.



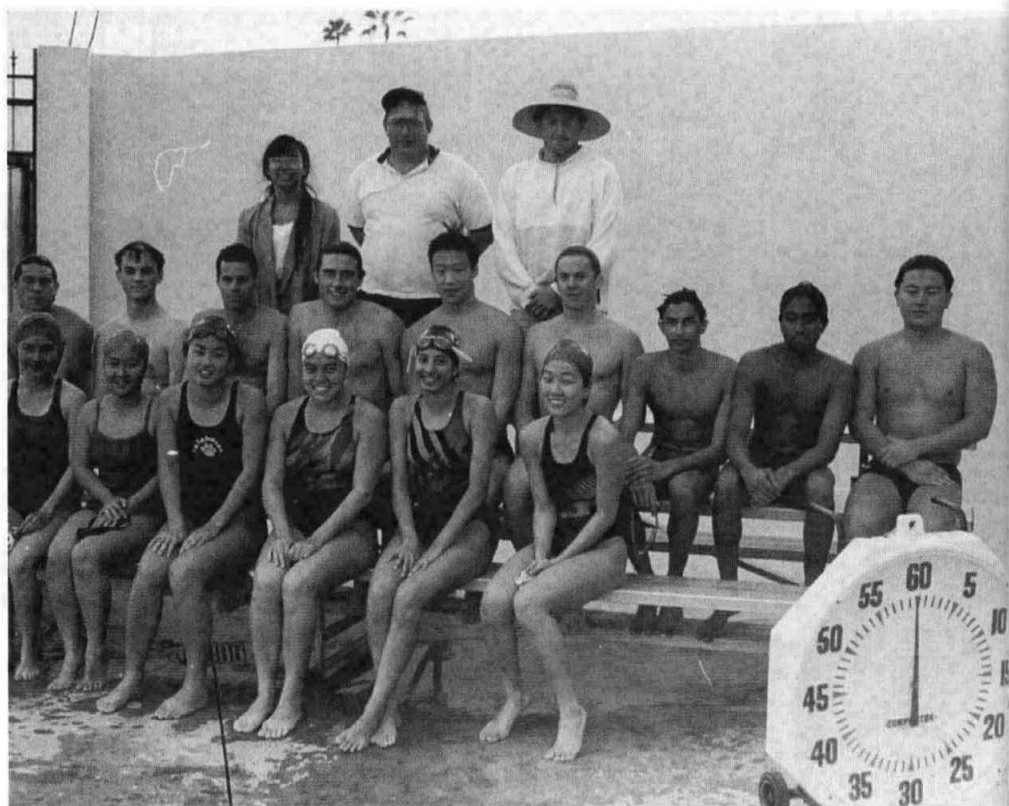
## MAKING A



The 93-94 season was fast and furious for the Caltech Swimming and Diving Teams. Throughout the regular season, the Beavers trained and raced hard to a 5th place in SCIAC for men and 6th place for women. Highlights from SCIAC Championships include record-setting 47.91-second 100-meter freestyle and 54.87-second 100-meter fly times from Greene and a fourth-place record finish in the 200-meter freestyle relay with 130.78 seconds by the relay team that included Aamot, Hong, Buchner, and Greene.

Tech women also broke the same record with a team of Suh, Seraiocco, Ohgi, and Tulou. The divers finished off strong with two All-Conference dives by Aamot and other tough performances by Sherman and Tulou. Next year, the Teams have their eyes on some more school records behind freshman sensation Jason Hong.

by Mike Greene

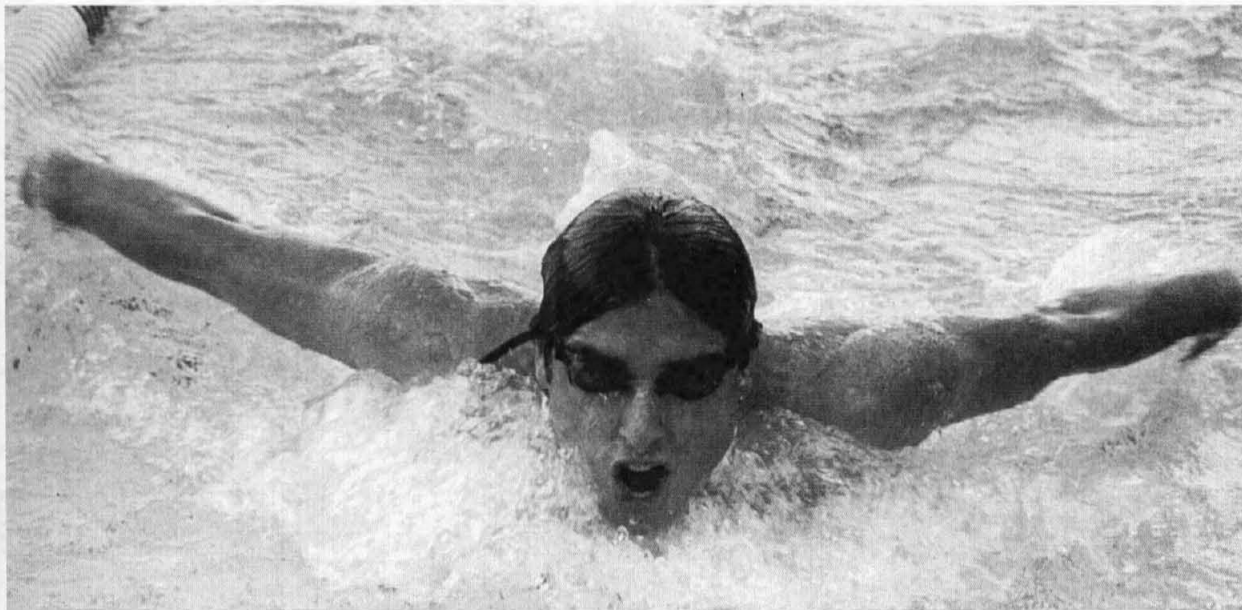
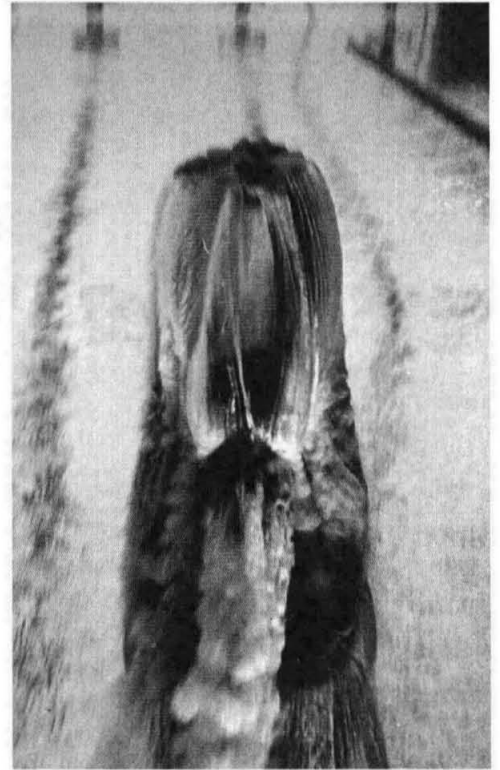


Standing (l to r): Coaches Nikki Takaraise, Clint Dodd, and Mike Doran. Men's team: Jamie Sherman, David Ozenne, Eric Aamot, Chris Buchner, Jason Hong, Mike Greene, Sooketoo Bhuta, Kumar Raman, Hyle Park. Women's team: Wing Cheung, Kelly Eom, Ki-Young Suh, Jenny Ohgi, Gina Seraiocco, Hope Chang. Not Pictured: Tamara Tulou, Skip Shot, Mike Ng, Ryan Naone.



# SPLASH

# WATER POLO



Standing: Coach Clint Dodd, Hyle Park, Sooketoo Bhuta, Ross Segelken, Brian Bircumshaw, Jonathan Aldrich, Chad Peterson, Jennifer Ohgi. Sitting: Jamie Sherman, Ryan Naone, Mike Greene, Chris Buchner, Jason Hong, Mike Ng. Not Pictured: Sonny Arcilla, Scott Driggs, Hans Hornstein, Skip Shot.

Caltech's Water Polo Team played a difficult season against many nationally-ranked programs from places such as UCSD, Air Force, and Redlands. Up against these powerful teams, the wet Beavers improved defensively during the season and were able to give the Bulldogs a run for their money at the Redlands

home pool in a close 13-9 loss. Arcilla quickly found his spot just beyond the line, taking advantage of the new 2-point goal. First-time goalie Sherman learned his job well over the season and impressed many other teams with his play. Excellent plays turned in by Naone, Hornstein, and Hong contributed to the stifling defense

in the field. Tech played its most impressive game against the ever-so sneaky and cruel Alumni Team, winning in a close decision. The team looks forward to a brilliant season next year behind the leadership of captain and top scorer Buchner and leading assist man Greene.

by Chris Buchner



# WOMEN'S TRACK & FIELD

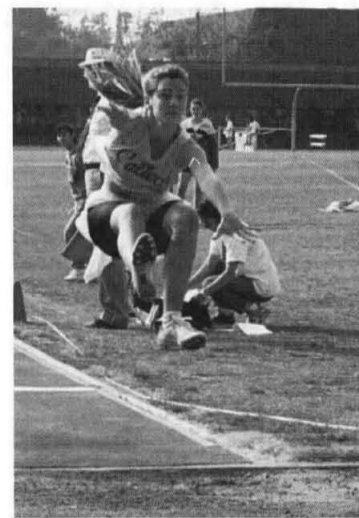
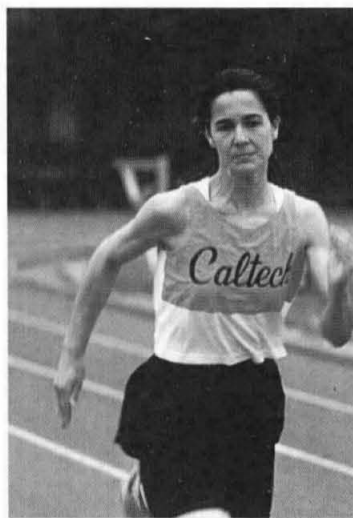
Front, left to right Radhika Reddy, Alix Chen, Alison Jackson, Kristin Polito, Cailin Henderson. Back Head Coach Jim O'Brien, Asst. Coach Craig Hagen, Ginger Garcia, Betsy Barton, Gretchen Larson, Pilar Perez, Rebekah Mills, Tessa Miller, Asst. Coaches Donna Mayhew and Frank Hinkson. Not pictured Janis Chang, Amy Oldenberg.



Oldenberg, this year's Outstanding Track Athlete, completing a hammer throw in Caulfield, Australia.



| Caltech | Opponent       |     |
|---------|----------------|-----|
| 93      | Chapman        | 27  |
| 90      | Biola          | 22  |
| 84      | PCC            | 35  |
| 73      | LaVerne        | 47  |
| 90      | Fresno Pacific | 29  |
| 74      | Whittier       | 55  |
| 39      | Occidental     | 105 |
| 52      | Redlands       | 91  |
| 36      | CMS            | 109 |
| 33      | LaVerne        | 99  |
| 61      | Whittier       | 82  |
| 82      | Citrus College | 59  |
| 49      | Australia      | 54  |
| 39      | Pomona-Pitzer  | 107 |
| 58      | Cal Lutheran   | 63  |



The women's program took a giant step forward this season, defeating Whittier in the SCIAC Championship Meet and posting a 7-9 record. Dual meet victories came from teams including PCC, Biola, Chapman, Fresno Pacific, Whittier and Cal Lutheran. Along with these victories were also many outstanding performances and Tech records.

Larsen set records in both high jump (4'10") and triple jump (33'11") and shared the Outstanding Field Event Athlete Award with Mills who set a record in

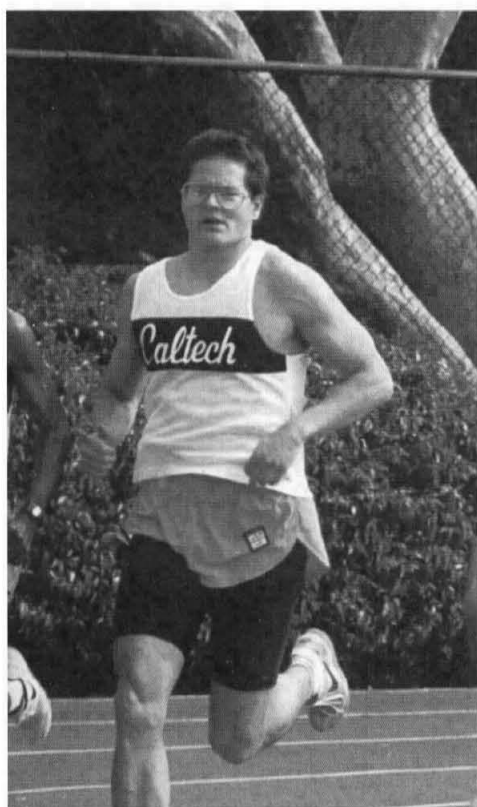
shot put with an All-Conference performance (35'8.25"), leading the team in dual meet scoring. Oldenberg led the team at SCIAC Championships, capturing three All-Conference honors in hammer, discus, and javelin, with Beaver records in hammer (121'2") and discus (124'8") and bringing home the Outstanding Track Athlete recognition for the season. Henderson led the distance runners and came away with the Most Valuable Runner accolades, while Reddy and Garcia established new records

for the 2000m and 10,000m steeplechase events, respectively.

In addition to all the team accomplishment this year, both Oldenberg and Mills were recognized as the California/Nevada Track Coaches Association Athlete of the Week on separate occasions. Given the fact that this is a young team with much time to improve (5 freshman athletes), the future of Women's Track and Field looks very bright.

by Jim O'Brien



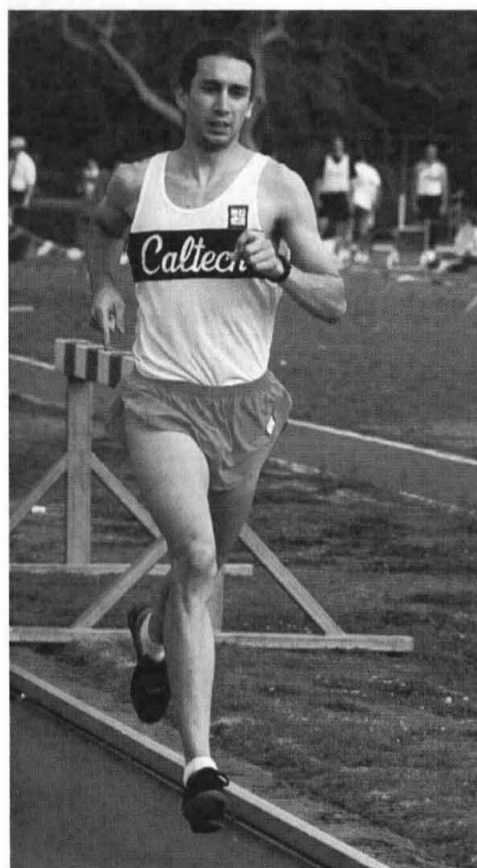


For the ninth year in a row the Men's Track and Field Team posted a winning season with a 7-9 record. During the season the team placed 6th but came in 7th in the SCIAC Championship Meet due to injuries, edging out Cal Lutheran.

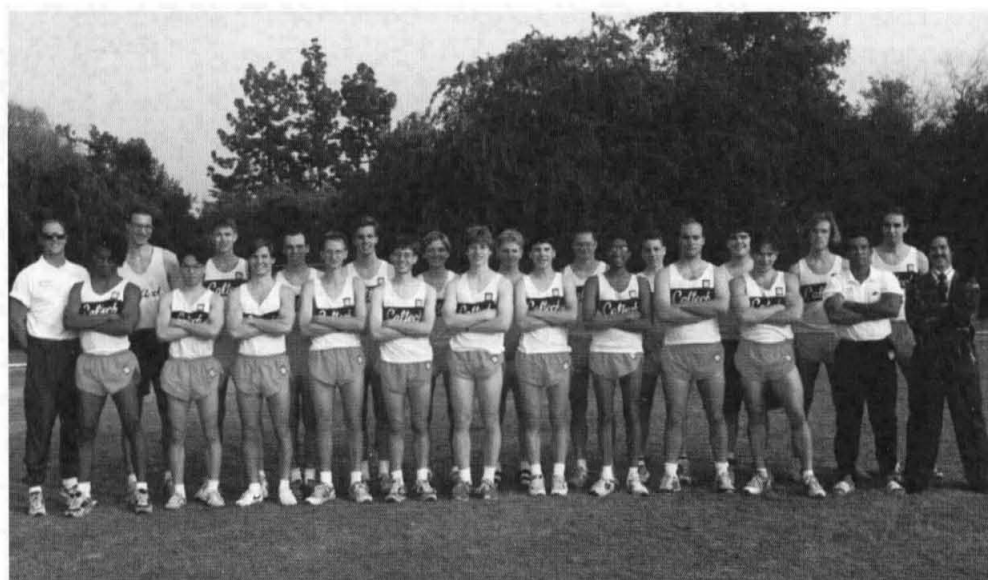
At SCIACs, Tech men competed at the highest level and established many new personal bests. All-Conference 100m hurdler Metz led the team in dual meet scoring during the season and was recognized with the M.T. Davis Award as outstanding field athlete. Zug placed a 4th, All-Conference, mark in the SCIAC 3000m steeplechase and shared the Most Valuable Runner Award with sprinter Bergeron. Both relay teams (400m and 1600m), consisting of Hightower, Greenberg, Stieger and Bergeron, captured All-Conference Awards at the Meet.

Bowden had a banner year until a season-ending stress fracture at the SCIAC Prelims sidelined him. He ends his Tech track career with the third and fifth best times for the 1500m and 800m, respectively, in the Conference for the season. As Captain, #1 distance runner, and the anchor leg of the 1600m relay team, Bowden ran away with the Goldsworthy Trophy as the MVP and the Golden Ankle Dedication Award for the second year in the row, signifying the highest level of dedication in Cross Country and Track. Both Bowden and Zug are seniors and will be missed next year, but the rest of the team will return to carry the torch high. Congratulations to the Beavers on another winning season.

by Jim O'Brien



| Caltech | Opponent          |
|---------|-------------------|
| 60      | Biola 94          |
| 78      | PCC 77            |
| 101     | LaVerne 49        |
| 117     | Fresno Pacific 25 |
| 100     | Whittier 46       |
| 49      | Occidental 104    |
| 32      | Redlands 125      |
| 34      | CMS 128           |
| 74      | LaVerne 77        |
| 89      | Whittier 72       |
| 104     | Cal Lutheran 33   |
| 91      | Biola 48          |
| 66      | Cirtus College 75 |
| 100     | Australia 40      |
| 37      | Pomona-Pitzer 130 |
| 88      | Cal Lutheran 61   |



Percentage of undergraduates responding "YES" to the question, "Have you ever been recruited by the track team (i.e. Coach O'Brien)?"

**34%**

Based on 417 survey responses.

Front, left to right Adrian Hightower, Don Kwak, Rob Bergeron, Tom Meyer, James Dooley, Ben Siron, Tom Dmukauskas, Kumar Raman, Jeff Dickert, Matt Metz, Frank Hinckson, Head Coach Jim O'Brien. Back Asst. Coach Craig Hagen, Karl Thulin, Matt Goff, Art Greenberg, Ron Stieger, Chris Cary, Schuyler Cullen, Ned Bowden, Alex Spadini, Chris Foley, Jesse Shue, Andy Zug. Not pictured Nicky Impert, Brian Brewington.



# BEAVERS DOWN UNDER

Over spring break, 14 athletes on the Men's and Women's Track and Field Teams traveled to Melbourne, Australia for six days of non-stop activities, including four track meets.

Accompanied by Coaches O'Brien, Hagen, Hinckson, and #1 volunteer Basil Katem, the Beavers competed at Collingwood on the day of arrival despite jetlag and were treated to snacks and treats after the meet. Tech athletes subsequently competed at Aberfeld, Coburg, and the Victoria State Veterans Championship throwers pentathlon, where some of the runners also tried their hands at a few throws. The trip was not without top-rate Aussie hospitality as each team member was bombarded with meat pies and full-course, sit-down meals as well as tokens of appreciation from the Coburg hosts.

Highlights of the trip included stops at St. Kilda, Torquay, Bells Beaches, the Melbourne Zoo, the Healsville Wildlife Sanctuary, the Jellibrand Reserve, and the rain forest of the Dandenong Ranges. The team also took in an Australian Football game at the Melbourne Cricket Grounds and several local nightclubs to sample the local fare. This was a whirlwind tour of kangaroos, walla-

bies, koalas, wombats, and Foster's, that goes way beyond Track and Field. Many thanks to the Athletic Department, the Dean's Office, the Caltech Service League, and all the individual donors who made this trip a reality.

by Jim O'Brien

*Right* Gretchen and Matt enjoy a feast.

*Below* Ginger tames the parrots.

*Below right, left to right* Standing under the eucalyptus tree: Ron, Basil, Ginger, Tom, Art, Karl, Frank, Adrian.



Working on the summer tan at the Bells Beaches.

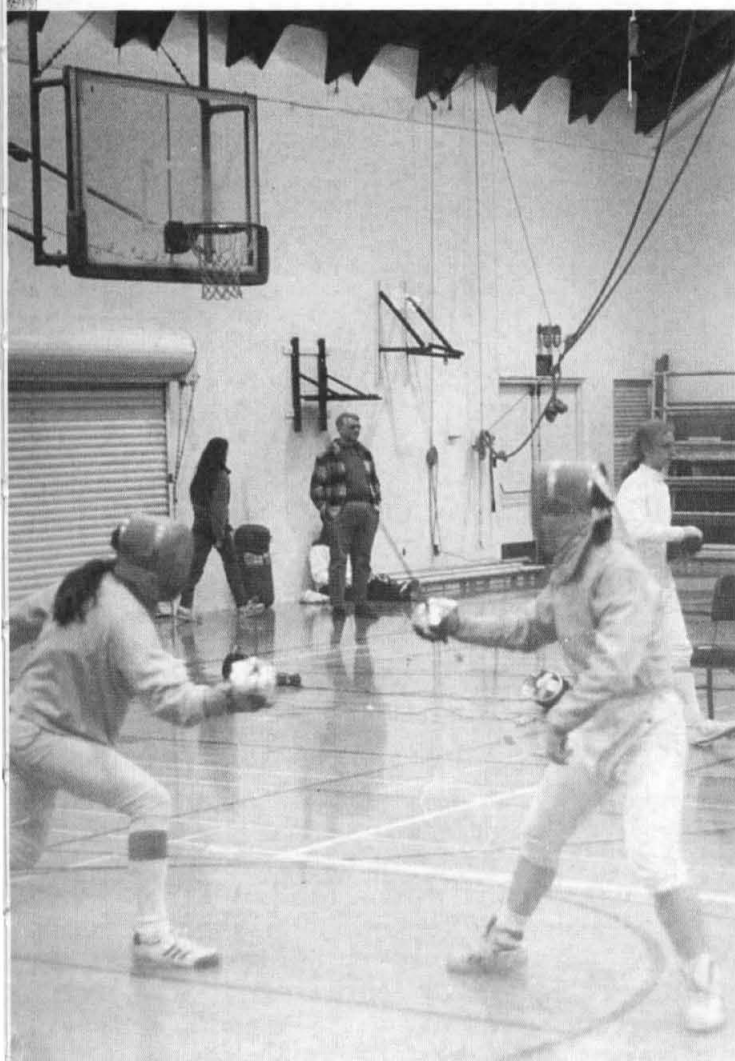




# FENCING HONORS



Head Coach: Robert Randolph  
 Coach: George Clovis  
 Coach: Carlos Fuytes  
 Team Captain: Keith Seitz  
*Women's Epee*  
 Lisa Moesker (Captain)  
 Tanya Kutasz  
 Kate Talmazan  
*Women's Foil*  
 Rhonda Morgan (Captain)  
 Vandana Desai  
 Mihoko Kato  
 Brenda Mar  
 Michelle Wilbur  
*Men's Saber*  
 Kevin Boyce (Captain)  
 John Joseph Carrasco  
 Austin Collins  
 Albert Lee  
*Men's Epee*  
 Ben Lane (Captain)  
 Alex Golovitzer  
 Mory Lucas  
*Men's Foil*  
 Jeff Barker (Captain)  
 Morgan Davis  
 Neal Dalal



The Caltech Fencing Team had another impressive year. Men's Foil and Epee struggled with a lack of fencers returning from last year, but Epee nevertheless took fifth in the conference with the help of veteran Ben Lane. Men's Saber won the conference for the third straight year and took home third place honors as the NCAA Western Regionals where, individually, Austin Collins came in fourth (an amazing accomplishment for a first-year fencer) and Kevin Boyce took first-place for the third time. Albert Lee took third place in the conference as an individual and Boyce achieved All-American status with an eighth-place finish at the NCAA Nationals. Women's Epee led the conference for most of the season, and Women's Foil, led by Captain Rhonda Morgan, took third in the league. With only two graduating seniors, Jeff Barker and Albert Lee, the team should be in excellent position for next season.

by Kevin Boyce



## PERFECT PITCH

**Top L to R:** Asst. Coach Todd McLaughlin, John Parks, Brian Cooper, Jon Wesselmann, Roopesh Doshi, Adil Karim, Tim Wachholz, Coach John D'Auria. **Bottom L to R:** Ted Turocy, Won Bang, Jonah Harley, Jeff Pasquino, Geoff Smith, Hootan Hidaji, Marco Santos.



1994 was an often frustrating, but also rewarding season for the Caltech Baseball Team. Having lost several key players from the past season, as well as losing starting catcher Alan Blaine in midseason, it looked to be a long tour with little hope of achieving the Beaver dream of a conference win. However, the team rose to the occasion during the season

with tremendous character and team unity. Captain Hidaji kept the club at its peak, riding on the shoulders of an overworked pitching staff and MVP Wachholz. A 6-3 loss to Claremont and a 9-7 playoff squeaker in the rain at Redlands highlighted the SCIAC schedule. Tech posted several non-conference wins, but fell short of taking a

victory in league play. Strong pitching from Wesselmann and Cooper was not enough to counteract the critical effect of inconsistent defense. Nevertheless, excellent coaching by D'Auria and McLaughlin helped make Caltech Baseball an enjoyable experience for the entire team, with letters for all.

by Jonah Harley



# LET'S PLAY BALL...

## SOFTBALL



**Top L to R:** Coach Bob Terbrueggen, Melissa Hampton, Jasmine Anderson, Beth McKenney, Kate Loomis, Amy Warnecke, Amy Oldenburg, Sharon Grelecki, Christy Esau. **Bottom L to R:** Monica Silva, Jun Yang, Laura Verhoff, Karen Casciotti, Bridget Mattingly, Angie Bealko, June Fujimoto, Rees Price. **Not Pictured:** Stephanie Haussmann, Asst. Coach Brenda Russell, Suzanne Nguyen.



The Caltech Women's Softball Club Team came to life in 1994 through the efforts of June Fujimoto. The team boasted a membership of 18 players which consisted of undergraduate women as well as several staff and graduate students. The purposes of the club were to increase

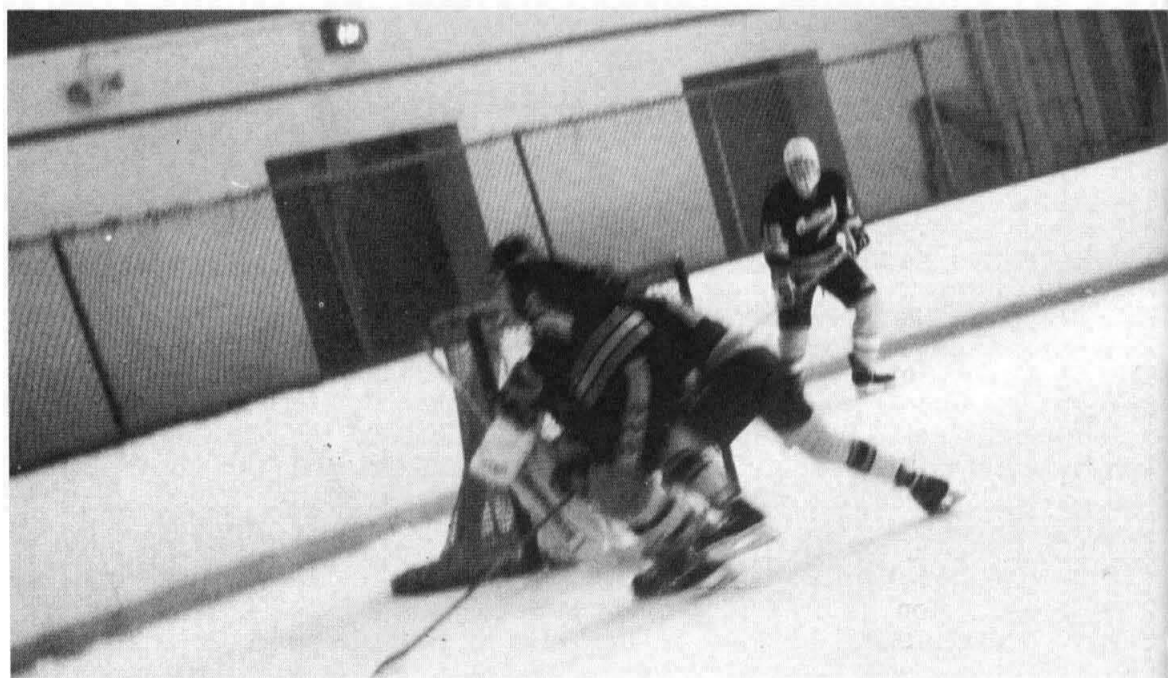
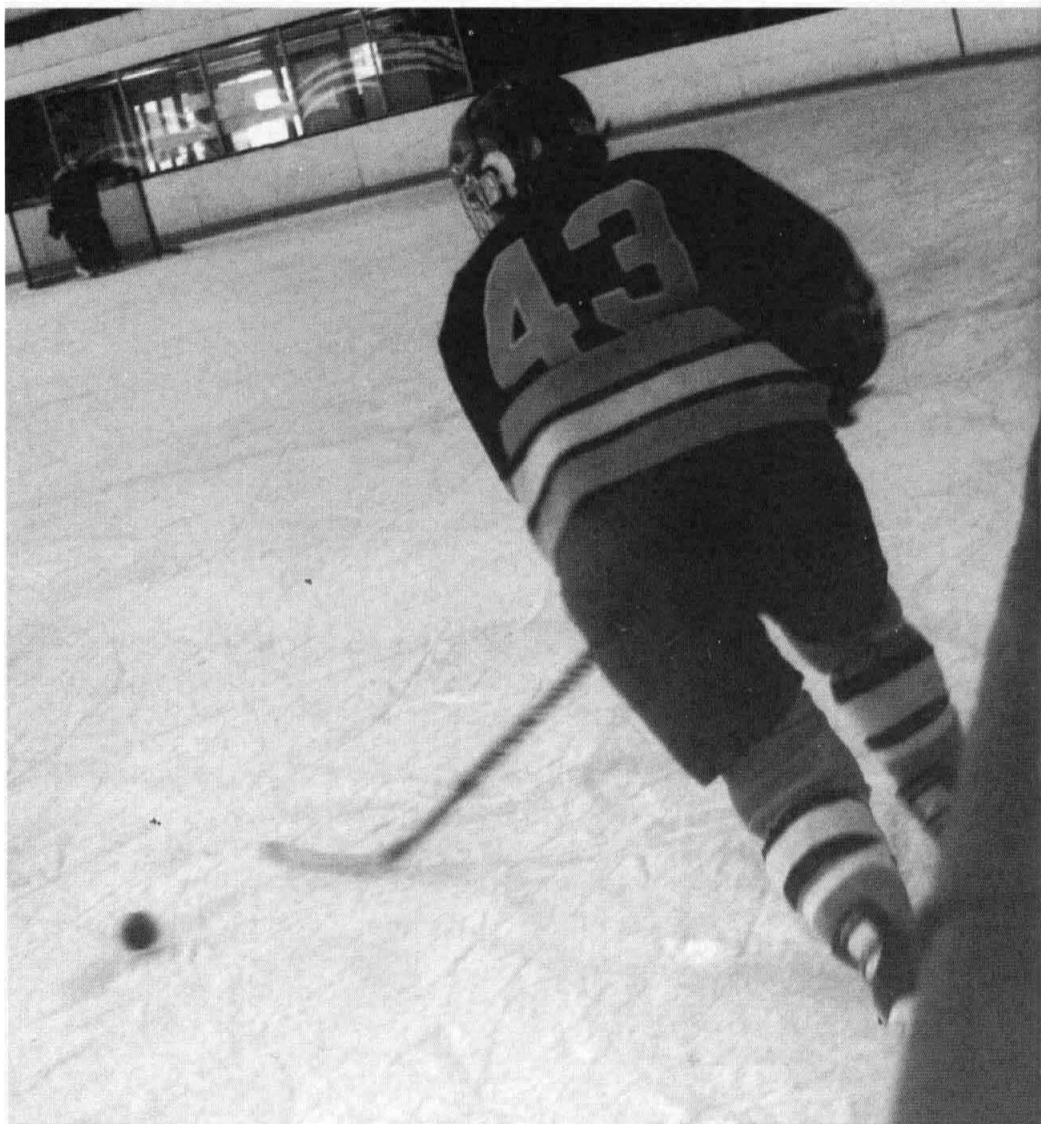
awareness for the sport on campus, complementing the short two-week Interhouse season at the beginning of first term, and to have fun. Coached by Terbrueggen and Dan Bridges, the club held practices three times a week and played a few scrimmages during third term. Players of all

levels of experience were encouraged to come out and play; the young club is building on skill and enthusiasm. The team hopes to play other intercollegiate club teams in following years.

by June Fujimoto



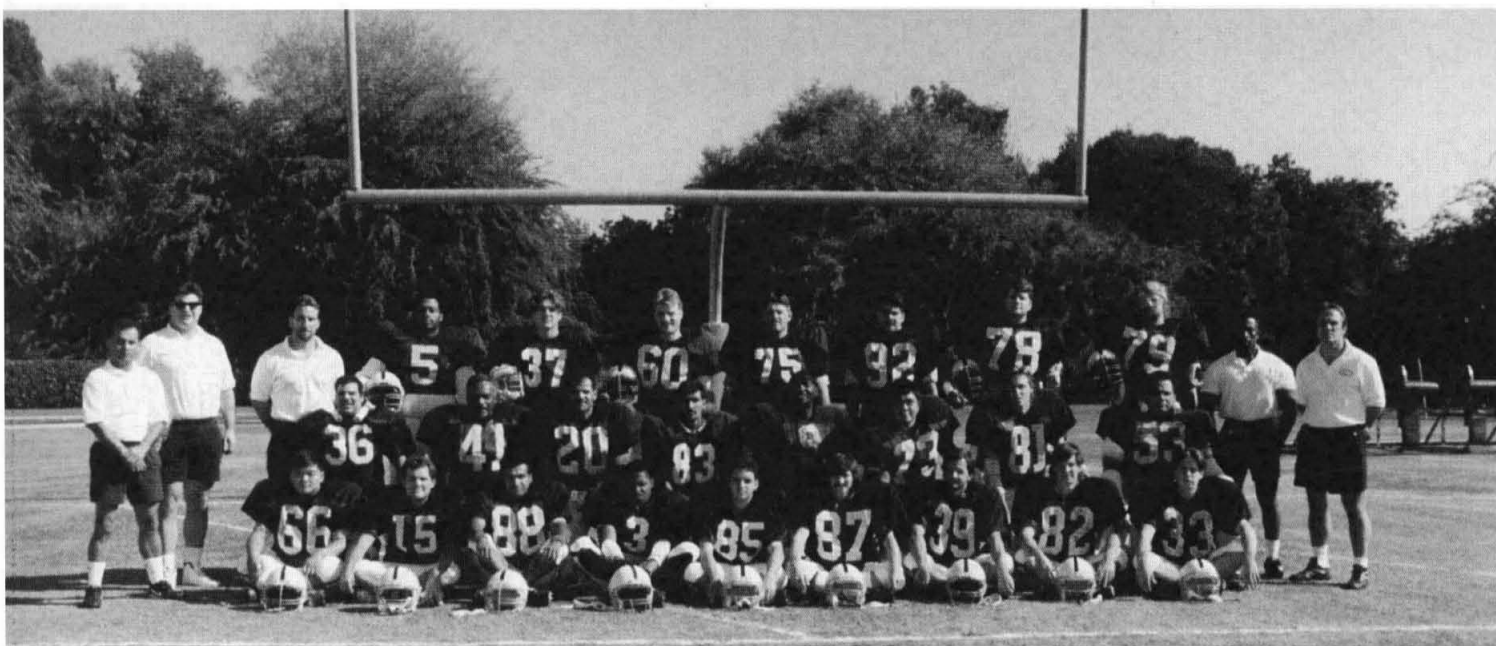
## POWER PLAYS





# END OF THE BLOCK

# FOOTBALL



**Front row L to R:** M. Kim, B. Terbrueggen, T. Olivas, D. Pedrone, R. Hassan, J. Brooks, D. Vaughn, R. Bergeron, J. Wesselmann. **Second row L to R:** G. Thomas, L. Campbell, D. Thomas, S. Khatri, T. Ferdinand, K. Lau, R. Nostrant, K. Alo. **Back row L to R:** Coach Magallanes, Coach Sullivan, Head Coach Arnett, L. Scott, W. Berghardt, P. Coughlin, J. Moore, S. Scandore, K. Laderman, S. Majewski, Coach Riley, Coach Hamilton.

## 1993-1994 ROSTER

| No. | Name                | Pos.  | Stat  | Ht    | Wt  |
|-----|---------------------|-------|-------|-------|-----|
| 53  | Alo, Ken            | OL/DL | Staff | 5'9"  | 250 |
| 82  | Bergeron, Robert    | WR/DB | SO    | 5'11" | 150 |
| 87  | Brooks, John        | WR/DB | Staff | 5'10" | 150 |
| 37  | Berghardt, West     | WR/LB | SO    | 6'0"  | 165 |
| 35  | Campbell, Corey     | WR/DB | Staff | 5'9"  | 140 |
| 41  | Campbell, Lawrence  | RB/DL | JPL   | 5'8"  | 210 |
| 60  | Coughlin, Peter     | OL/DL | G     | 6'0"  | 205 |
| 90  | Curiel, Robert      | LB/TE | JPL   | 5'11" | 215 |
| 61  | Cziczko, Daniel     | OL/DL | JPL   | 6'0"  | 200 |
| 94  | Davidson, Eric      | WR/DB | Fac   | 5'9"  | 180 |
| 9   | Ferdinand, Tyrone   | QB/DB | Staff | 5'11" | 215 |
| 22  | Fletcher, Jermaine  | RB/DB | Staff | 5'11" | 175 |
| 44  | Harrell, Michael    | WR/LB | Staff | 5'10" | 197 |
| 85  | Hassan, Ricardo     | WR/DB | JR    | 5'9"  | 165 |
| 88  | Khatri, Sven        | WR/DB | G     | 5'11" | 145 |
| 66  | Kim, Michael        | OL/DL | JR    | 5'4"  | 180 |
| 78  | Laderman, Kenneth   | OL/DL | Fac   | 6'4"  | 265 |
| 73  | Lau, Kenneth        | OL/DL | JPL   | 6'0"  | 250 |
| 79  | Majewski, Steven    | OL/DL | Fac   | 4"    | 235 |
| 75  | Moore, James        | OL/LB | Staff | 6'1"  | 290 |
| 81  | Nostrant, Rob       | WR/LB | SO    | 6'1"  | 150 |
| 88  | Olivas, Antonio     | WR/OB | Staff | 5'8"  | 152 |
| 3   | Perdue, Derek       | WR/DB | JPL   | 5'10" | 175 |
| 7   | Russell, Derrick    | WR/DB | JPL   | 5'7"  | 165 |
| 92  | Scandore, Steve     | TE/LB | JPL   | 6'0"  | 195 |
| 55  | Scott, Larry        | OL/LB | Staff | 6'0"  | 222 |
| 58  | Stone, Rene         | OL/LB | Staff | 5'11" | 200 |
| 15  | Terbrueggen, Robert | QB/DB | G     | 5'7"  | 150 |
| 20  | Thomas, Don         | RB/DB | Staff | 5'10" | 195 |
| 36  | Thomas, Greg        | OL/DL | Staff | 5'8"  | 195 |
| 98  | Vaughn, Daniel      | FB/DB | G     | 5'11" | 180 |
| 33  | Wesselmann, Jon     | WR/LB | SO    | 6'0"  | 155 |

HEAD COACH: Dennis Arnett

ASST.COACH: John Hamilton, John Megallanes, Vince Riley, Bryan Sullivan

## 1993-1994 SEASON

|                       |                               |    |
|-----------------------|-------------------------------|----|
| 7                     | Redlands (JV)                 | 52 |
| 0                     | Claremont-Mudd                | 52 |
| 0                     | UCSD (JV)                     | 45 |
| 2                     | San Clemente Sharks (forfeit) | 0  |
| 14                    | Australian Nat'l              | 12 |
| 13                    | Hawthorne Cougars             | 32 |
| 1993-1994 RECORD: 2-4 |                               |    |

Once again, the fall of 1993 found the Caltech Gridsters overmatched with a rigorous schedule against Division III junior Varsity teams. The Bat-tlin' Beavers held their own, however, finishing the season with a recrd of two wins and four losses.

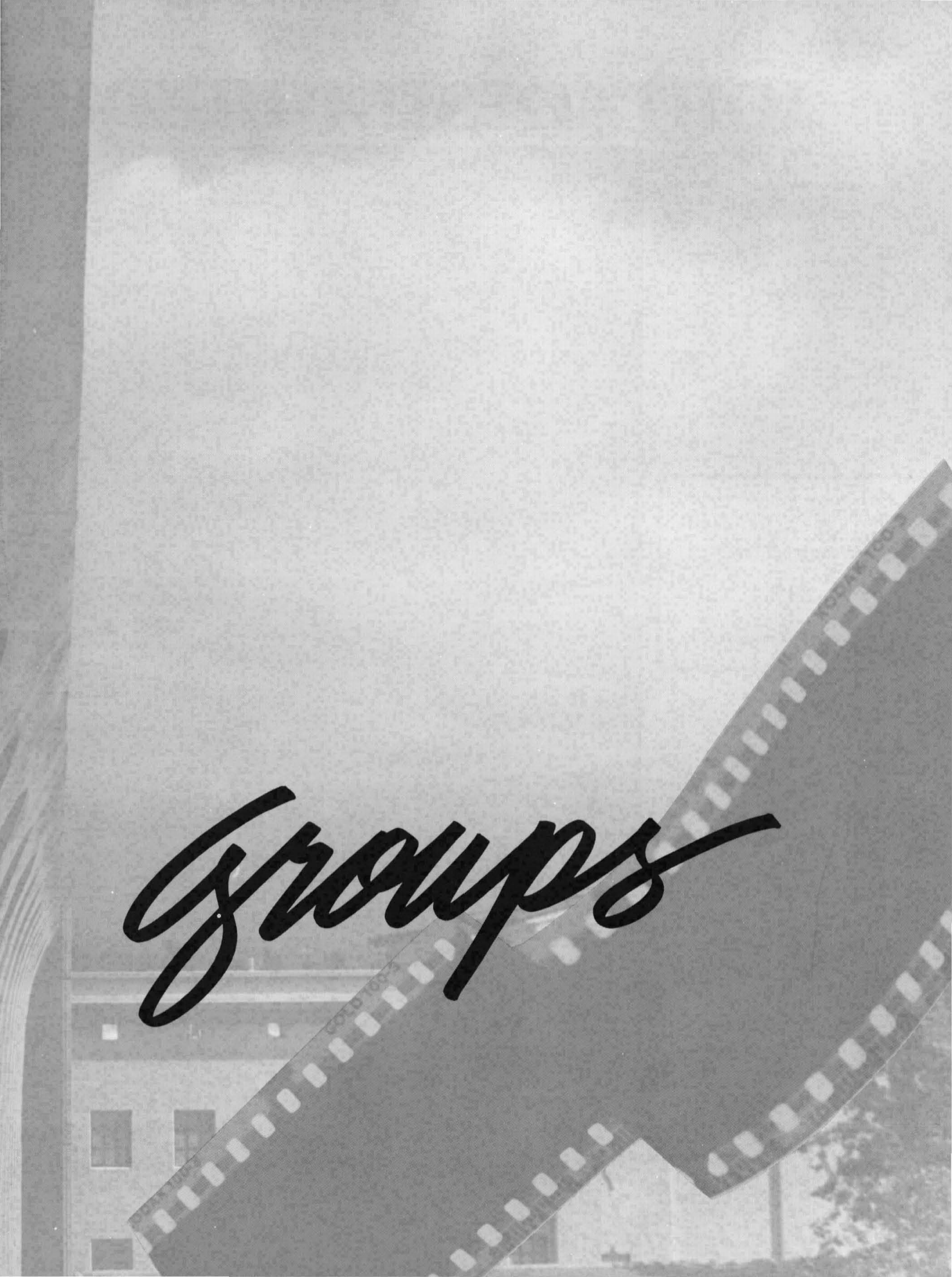
by Wendell Jack

*Eds Note:* Full contact football will not return next year as a club sport. Instead, flag football will be introduced as an alternative for those yearning for touchdowns.







The background of the page is a grayscale photograph of a large, multi-story building with many windows. A large, dark, curved film strip is overlaid on the right side of the image, extending from the bottom right towards the top right. The word "Groups" is written in a large, black, cursive script across the middle of the page, partially overlapping the film strip.

*Groups*



# ASCIT BOD

Front: Gina Serraiocco, Chris Bryant, Angie Bealko, David Derkits. Back: Flora Ho, Stanley Grant III, Ewald Hueffmeier, Penny Sherman.



*Percentage of undergrads  
responding correctly to the  
question, "Who is the  
Secretary of State?"*

**29%**

Of 423 surveyed undergrads.



Front: Kevin Boyce, James Honniker, Mike DeBar, Dennis Ugolini. Back: John White, Jim Murdoch, Stanley Grant III, Mikey Ng.

# IHC



# BOARD OF CONTROL



Front: Mike Kim, Jeff Kirshberg, Sarah Yoder, Ginger Garcia. Back: Mike Pawson, Chris Walker, Zackary Berger, Chris Bryant, Frances Chance.



Front: Kenneth Lee, Cherish Bauer, Jeff Denniston. Back: Wei-Hwa Huang, Tom Grundy.

# TECH EDITORS



# CHESS TEAM

Once again the Caltech Chess Team went to the annual Amateur Team West event in February. This year, however, none of the higher rated students could make the event, and the team was crushed.

After much turmoil over transportation to the event, the team managed only 2 points out of 6, and finished 1/2 point behind the collegiate prize winning team from USC. Better luck next year!

Members of the Chess Team: Jonah Michaud, Leaned Khakham, Michael Galpin, Frad Shic. Not pictured: Terrance Chay.



# DEUTSCH CLUB

The objective of the Caltech Deutsch Club is to promote German-Austrian-Swiss cultural and educational activities at Caltech. It aims to introduce Germanic culture to Caltech students and in particular to those in German classes. It also tries to provide a home away from home to visiting German-Austrian-Swiss faculty, post-doctorates, graduates, and undergraduates.



Front: Alexei Barski, Alix Chen, Amy Pemberton, Sarah Yoder, Michelle Wilber. Back: Dr. Andreas Aebi, Peter Day, John Marquis, Simon Sanderson.



# VSA

## Vietnamese Student Association

Front: William Zen, Mallory Zhang, Thanh Nga Tran, Cindy Chen, Son Nguyen.  
Back: Thinh Ly, Micah Barclay, John Haba, Shaun Carstairs, Ellis Meng, Tuan Hoang.



Due to a change in leadership over the past few years, the Caltech VSA, whose members were once all Vietnamese, has expanded and reached out to the entire Caltech community. In fact, more than half of the club is non-Vietnamese. Among the events of VSA this year were a welcoming dinner, participation in International Day, a Senior Banquet, and the wet and wild Doggy Style Party which attracted many students from other schools.

The Caltech Christian Fellowship is an interdenominational group composed of all those on the Caltech campus who share in the salvation of the Lord Jesus Christ and the hope of His second coming. The members of CCF hold the common belief that the calling of Jesus Christ to be His disciple is the ultimate challenge of any person. Everyone is welcome to all CCF activities, however.

Members encourage each other in spiritual growth and maturity through personal discipleship relationships, small group Bible studies, weekly Large Group fellowship meetings, and prayer groups. The Fishline is published somewhat regularly as a newsletter for the group.

CCF includes a number of regular activities to encourage people to grow spiritually and share their exciting faith with others.

The Frosh Prayer group meets every weekday before dinner to pray for personal concerns and the campus as a whole. A retreat each term is planned to get everyone away from the stresses of Tech to reevaluate priorities and refocus. Manuscript Bible studies, a prefrosh ice cream social, and regular game nights are also planned during the year.

by Nathan Weller

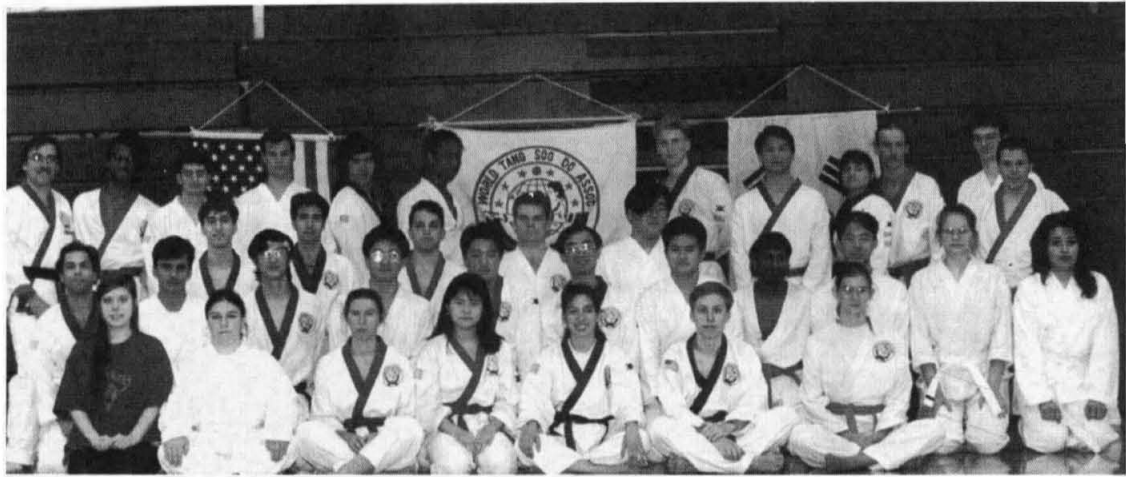


# CCF

Front: Lucia Kuhns, Jay Parker, Mike Polucha, Charles Sharman, Alison Sopher, Keith Kuwata. 2nd Row: Miguel Jordan, Gary Holt, Andy Monroe, Lesley Preister, Jane Brock, Rebekah Mills. 3rd Row: Bob Nolty, Monica Silva, Craig Tibbets, Obi Manley, Finny Chavanikamannil. 4th Row: Nathan Weller, Jack Langsdorf, James Dooley, Laura Brady, Emily Paddock, Aron Rempel, Daniel Chang.



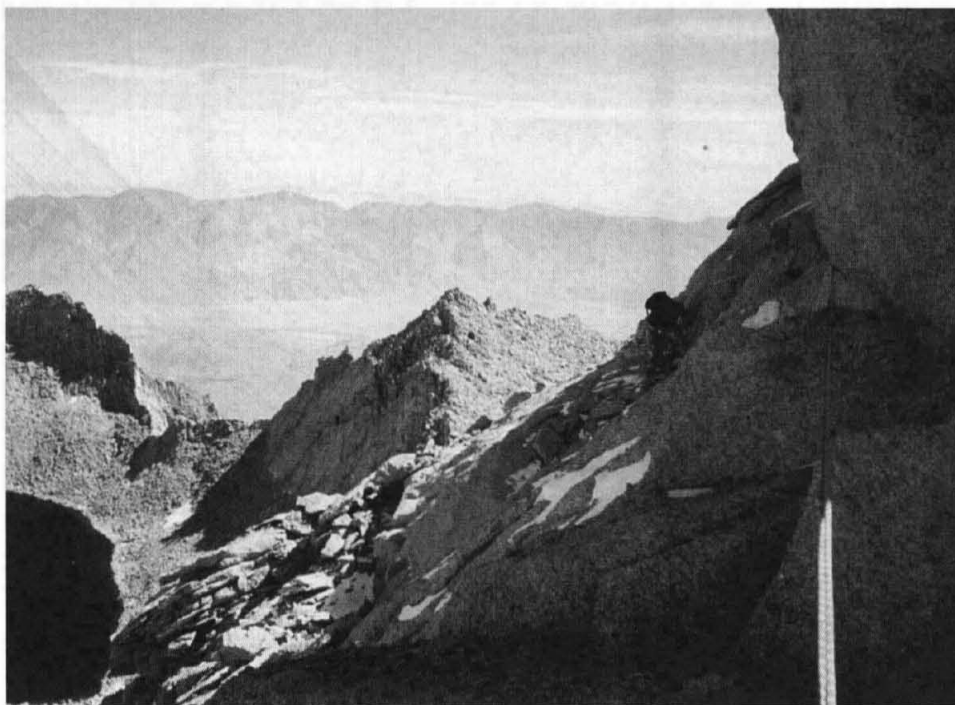
# TANG SOO DO



## ALPINE CLUB

Right, Backcountry skiing on Mt. Baden-Powell.

Below, Climbing the Mt. Russell Arrete.



The Alpine Club's common interest is to enjoy muscle powered outdoor activities. Southern California offers great possibilities for hiking, backcountry skiing, rock-climbing, mountaineering, even canoeing and rafting. A weekly lunch "sit and chat" and an e-mail server allow members to exchange experiences or discuss outings. Mainly the club offers a possibility to meet people with similar interests. There have been hikes in the Sierra Nevada, rock-climbing in Joshua Tree, and cross country skiing in the San Bernardino Mountains. What happens depends only on the members' interests. If you stay in Pasadena just because you think there is nobody around interested in outings, try the Alpine Club.

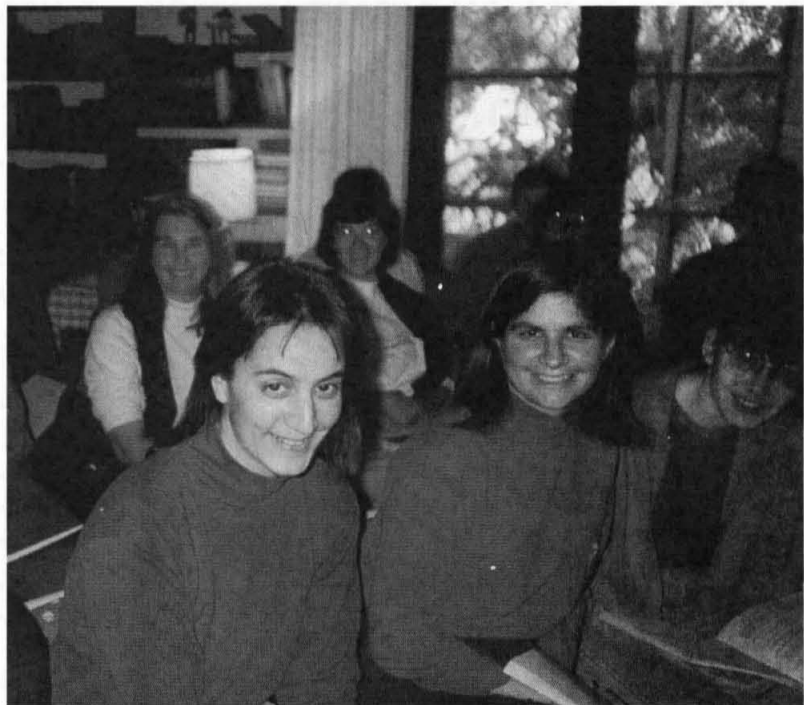
by Wim Burmeister



# GLEE CLUBS



**Front:** Mina Leung, Sara Russell, Heidi Sutton, Ah San Wong, Sharon Laubach, Connie Rodriguez, Jennifer Miller, Anna Newman, Ai Ching Lim, Michelle Arkin, Laura Brady. **2nd Row:** Stephanie Monaco, Annaliese Beery, Carrie Griffin, Sarah Ngola, Alison Sopher, Lena Peterson, Leila Belkora, Silvia Camata, Patricia Wrean, Catherine Boone, Dianne DeSha, Vicki Brown. **3rd Row:** Obadiah Manley, T'Nghia Vuong, Len Mueller, Steven Bennett, Scott Driggs, David Santiago, Francesco Fagliani, Sakae Suzuki, David Soergel. **Back Row:** Robert Lin, Glenn Wyne, Dimitri Antsos, Seth LaForge, Jack Langsdorf, Gerrit Kirkwood, Richard McClurg, Jim Panetta, Kent Bradford. **Not Pictured:** Hal Erwin, Steven Farris, Tim Johnson, Chris Springfield, Pin Chen, Tom Hubbard, Brian Hudson, Shekhar Khare, John Kitching, Morris Lucas, Samjoy Mahajan, Michael Ohliger, Philip Watts, Daniel Williams, Alexander Zeyliger, Tobias Bartels, Jan Van Neerven, Damian Martinez, Kai Wai Chin, Lanny Hsieh, Julie Jensen, Diana Lorden, Dorrie Poole, Laura Wilson Ravine, Ruth Ridenour, Mia Trescia Roth, Martha Erwin, Anita Gould, Anthea Howell, Jean Mueller, Jamie Schlessman, Melissa Midzor.



Above, At the Winter Repertory camp, **Back:** Lena Peterson, Jean Mueller, Silvia Camata, Martha Erwin, Dianne DeSha. **Front (grinning):** Leila Belkora, Anna Newman, Anita Gould.

Left, Heidi Sutton sweeps Sara Russell off her feet — Being in Glee Club gives you a taste of everything. First term all learned their German and Latin well as Baroque music, including J.S. Bach's *Cantata No. 191*. During winter term we sang Gabriel Fauré's *Requiem*. Our last major work of the year was Gilbert and Sullivan's *Trial by Jury*, complete with bridesmaids, jury, lawyers, and wigged judge.



# JAZZ BANDS

MONDAY



*Conductor:* William Bing. *Alto Saxophone:* Kenneth Lee, Seth Lacy. *Tenor Saxophone:* Erica Alliston, Bob Bolender. *Baritone Saxophone:* Eric Hill. *Trumpets:* Elwyn Uy, Phil Sutton, James Dooley, Jeff McMillan. *Trombones:* Matt Carlson, Andrew Huntington, Bradey Honsinger, Roopesh Doshi. *Bass Trombone:* Michael Ng. *Piano:* Susan Paulsen. *Bass:* Thomas Lloyd. *Drums:* Missy Richmond.

THURSDAY



*Conductor:* William Bing. *Alto Saxophone:* Jean-Paul Davis, Susanne Lin. *Tenor and Baritone Saxophone:* Tom Flemming, Jeff Bramel, Rustan Leino. *Trumpets:* John Brugman, Rob Manning, José Moeking, Brian Kjerulf, Caroly White. *Trombones:* Erik Daniel, David Marx, Mike Ichiriu. *Bass Trombone:* Mike Pahre. *Piano:* Les Deutsch. *Bass:* Todd Richmond. *Drums:* Gary Leskowitz, Jeff Weiss. *Guitar:* Marc Hillmyer.



# Caltech Jazz Bands record their first CD



The Monday Jazz Band sax section during the recording session: Erica Alliston, Ken Lee, Seth Lacy, Eric Hill.

In May, the Caltech Jazz Bands went to a studio in North Hollywood and recorded music for their first CD. Both the Caltech Jazz Bands took part in the recording, which will be released in the fall. Vocalist Angie Whitney recorded some songs with the groups also.

The CD will include

music in the more traditional big band styles. The groups also will premiere three compositions by Joe Curiale, a writer for the Tonight Show Orchestra. Look for the CD in the Caltech bookstore in the fall, as well as local record stores.

by William Bing



Members of the Monday Jazz Band in the recording studio.



## CALTECH- OCCIDENTAL CONCERT BAND

The Caltech-Occidental Concert Band, conducted by William Bing, rehearses one night a week and performs four to five concerts a year. That the ensemble is able to perform so much different music with so few rehearsals is a testament to the high level of the members' abilities.



# CHAMBER

Front: Jonathan Baker, Elizabeth Lee, Xinh Huynh, Jennie Yoder, Catherine Boone, Kathleen Gallagher. Middle: David Relyea, Sarah White, Leslie Maxfield, Vandana Desai, Brian Jenkins, David Ozenne. Top: Erik Daniel, Fabien Malbet, Mike Ichiriu, Mike Pahre, David Marx.



Front: Trish Waniewski, Katherine Woo, Marcia France, Anita Gould, Erica Alliston, Sue Swalley, Lyndie Williamson. Back: Jonathan Aldrich, David Koerner, Tom Lloyd, Erik Leitch, Cyrus Behroozi, Jason Hollinger, Edray Goins, Xinlei Hua.



Richard Chin, Luise Engelhardt, Emily Paddock, Gary Mines, Jamie Schlessman, John Chesick, Aimee Quan, Linda Hanely, Soon-Ghee Chua



Front: Dan Hall, Sabrina Yazdpour, Alexa Toth, Missy Richmond, Toshi Takeuchi, Jeff Bramel. Back: Rob Knop, Neil Jones, Winston Yang, Barbara Arendt, Jerome Claverie, Donald Dabdub, Srdjan Sobajic.





# MUSIC

During the 1993-94 year Caltech chamber music players formed nearly 50 small ensembles under the direction of Delores Bing and Bill Bing. These groups of three to seven musicians performed 15 concerts of music ranging from Baroque music played on copies

of 18th century instruments to Mozart, Beethoven, Brahms, and even a quartet by Peter Schickele, the man who "discovered" PDQ Bach. They were joined by Caltech alum and violinist Dr. Simon Ramo in one concert in Ramo Auditorium (where else?).

In addition to somewhat formal evening programs in Dabney Lounge, chamber music students also presented six noon concerts. Large audiences enjoyed fine music and free lunch.



Front: Missy Richmond, Rex Lew, Peter Cho, Geoff Burr, Jonah Harley, Jonathan Weinstein, Lior Pachter, Jason Maron. Back: Shirley Chen, Erica Carlson, Jennifer Wei.

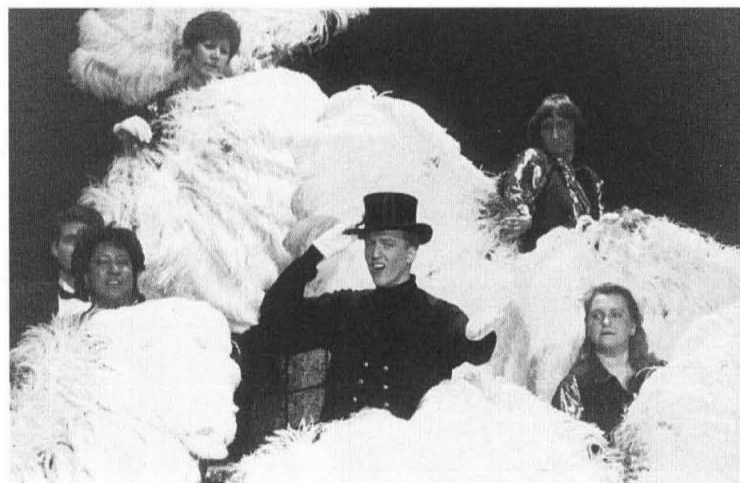
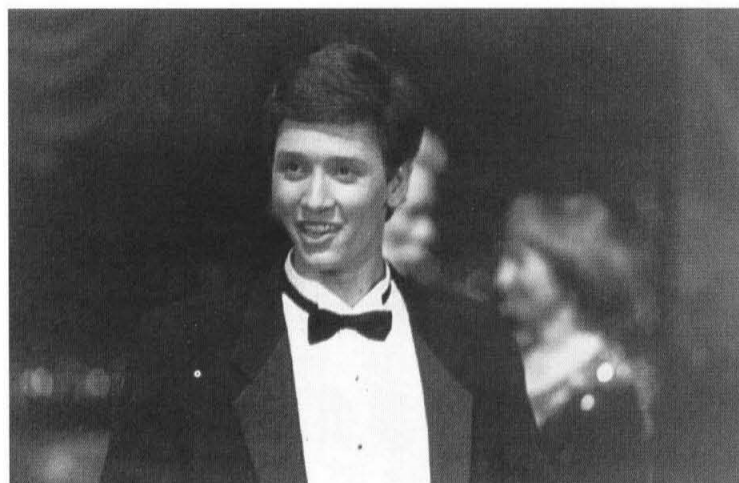
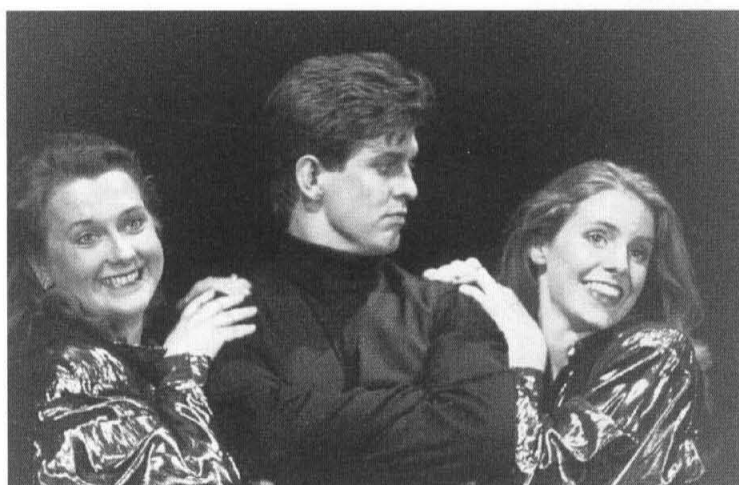


Front: Rex Lew, Deepto Chakrabarty, Gina Serraiocco, Celeste Chang, Katie Coughlin. Back: Bill Penn, Michael Ohliger, Lada Adamic, Eve Andersson, Heide Li, Hoa Nguyen, Annette Grot, Susanne Lin, Patrick McGraw, Cecilia Park, Danny Huang.

Chamber Music players not pictured: Peter Hofstee, Todd Fernandez, David Soergel, Zack Berger, Joanne Yew, Beth Wedeman, Austin Collins, Kevin Roust, Delores Bing.



# *T.A.C.I.T. presents:* SIDE BY SIDE by Sondheim





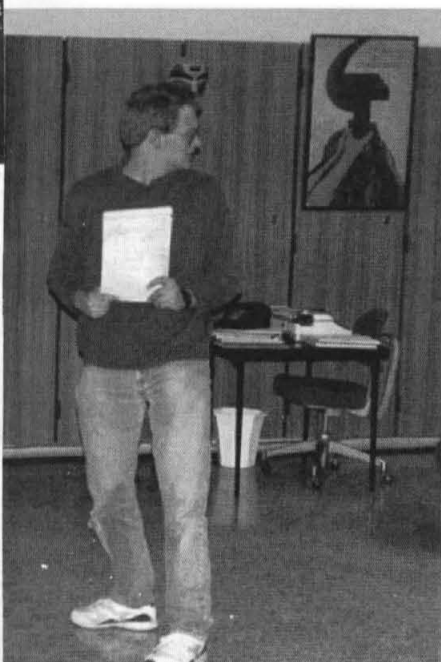
# THE WATCHED POT by Saki

Directed by Todd Brun



# YOU CAN'T TAKE IT WITH YOU

by Kaufman & Hart  
Directed by Dan Dilling





# NSBE

## National Society of Black Engineers

Below: Edray Goins, Cedric Hobbs, Karina Montilla, Agyeman Boateng, Derrick Key.

The Caltech Chapter of NSBE is a 2-year old organization that is part of a national organization of over 6000 students. Although NSBE at Caltech is small, it is very active. The main goals are: to successfully graduate African-American scientists from Caltech; to act as a support group for African-American students; and to increase the enrollment of African-American students.

In addition to attendance of NSBE regional and national conferences, NSBE members made visits to Pasadena High School to speak with black and Latino high school juniors about the importance of



a college education in science and engineering. In April, the First Annual Caltech Black Student Family Reunion, bringing together alumni and current students to share their experi-

ences. That same weekend, Professor Michael Dyson, the young Baptist minister and professor of Afro-American studies at Brown University visited Caltech to discuss contemporary

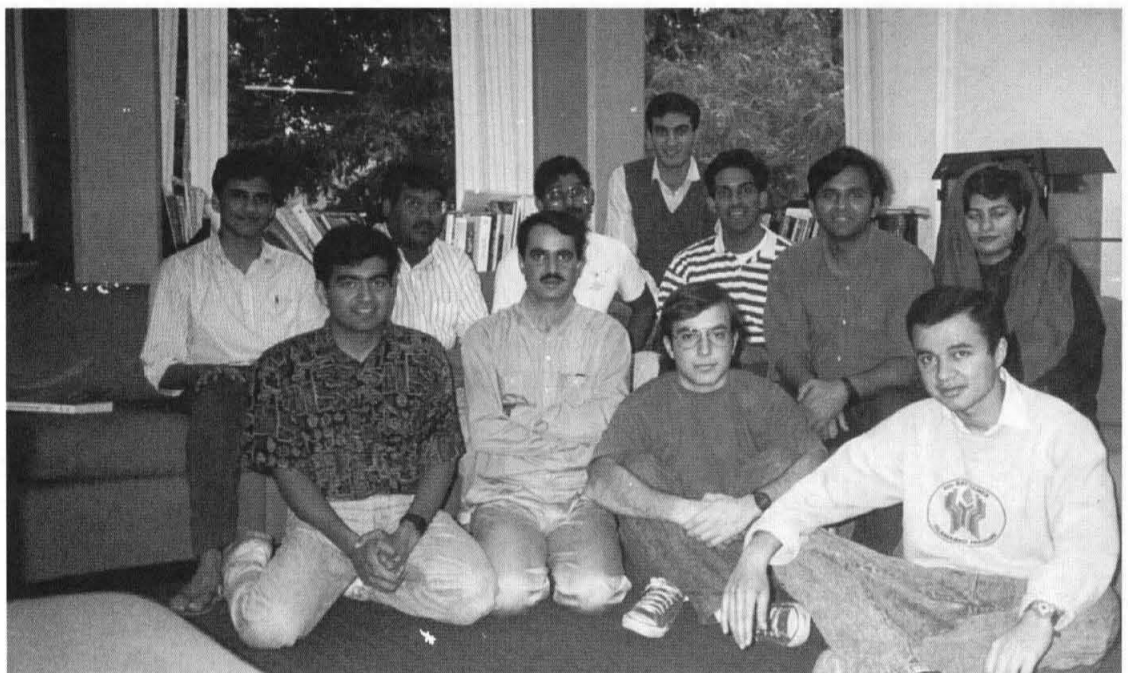
issues in Black America.

NSBE also co-hosts the Underrepresented Student Banquet and Awards Presentation along with CLASES.

# MSA

## Muslim Students Association

Front: Reza Mohsin, Mehrdad Mahmoudi Garandi, Ayhan Irfanoglu, Farid Ahmed Khan. Back: Khurram Mehmud Sunasara, Khaled Al-Khaldi, Asif Khalak, Imran Haroon Khan, Moeen Abedin, Asim Mughal, Iraj Mughal.



# CLASES

## Caltech's Latino Association of Students in Engineering and Science



Front: Mike Herrera, Javier Favela, Robert Munoz, Adrian Hightower. Back: Edray Goins, Cathy Vargas, Ricardo Hassan, Cesar Bocanegra, Xavier Bengoechea. Not Pictured: Paul Rubio, Esmeralda Nava.



A demonstration of traditional Brazilian dance was one of the noontime events at Semana Latina 1994.

CLASES, established in 1991, is a student chapter of the Society of Hispanic Professional Engineers. Its activities are meant to develop the culture, community involvement, and professionalism of chapter members. In conjunction with NSBE, CLASES acts as a support system for the African American, Hispanic, and Native American students at Caltech.

CLASES's members attended many of the regional and national SHPE conferences this year, as well as the Society for the Advance-

ment of Chicanos and Native Americans in Science Conference.

Semana Latina 1994, a new event at Caltech this year, was organized by CLASES in cooperation with Club Latino. The first week of May was set aside to celebrate the richness of the Latino culture. A series of educational and entertaining activities representing Latinos from the Caribbean, North American, Central America and South America were scheduled at noontime and in the evenings. Semana Latina was a great success.



# SEDS

Students for the Exploration and Development of Space



Above, Benjamin Lane and Albert Ratner stand by the telescope used by SEDS in the star parties.

SEDS membership: Front: Kanchana N.W.G.M.M., Marc Sulfridge, Jay Kho, Bridget Mattingly, Srdjan Sobajic, Jimmy Lin, Rees Price, Obadiah Manley. Middle: Ross Brown, Scott Driggs, William Smit, Cindy Chen, Andrew Huntington, Rob Nostrant, Ryan Mackey, Ben Lane. Back: Cherish Bauer, Heather Ryan, Ben McCall, David Krum, Albert Ratner.



Caltech SEDS has had an exciting year! SEDS members went on tours of Rocketdyne, Hughes Aerospace, and Mount Wilson Observatory, in addition to viewing a space shuttle landing at Edwards Air Force Base. Dr. Eugene Trinh from JPL, a former astronaut, spoke for SEDS members, and Dr. John Grunsfeld, a career astronaut, visited the lab. SEDS began planning for a major high school educational outreach conference in the fall, went on several Saturday night star parties, watched the 1994 solar eclipse, and hosted incredibly successful ice

cream socials.

The Space Shuttle payload GAMCIT (GAMma-ray burst observer, California Institute of Technology) neared completion in preparation for a January 1995 launch. SEDS members also wrote a proposal for a \$4 million small satellite to follow up the GAMCIT mission. SEDS students involved in GAMCIT gave presentations at the NASA Shuttle Small Payloads Symposium, the 8th National Conference on Undergraduate Research, and to top executives and engineers at Hughes Aerospace.

by Ben McCall

*Caltech undergraduates' beliefs about the origins of the earth:  
It was created less than 10,000 years ago.*

**6%**

*It was created more than 10,000 years ago with the help of a divine being.*

**30%**

*It was created more than 10,000 years ago without the help of a divine being.*

**64%**

This has been a great year for the Caltech Y. It currently has a strong ExComm of undergraduates and graduate students who have planned and organized many successful events. Director Sue Bunker and Student Activities Coordinator Chris Sundberg make every trip to the Y an interesting experience. This year, Danny Paschall joined the crew as Coordinator of the

expanding volunteer program in which students oversee projects with various agencies in the community. Projects include the tutoring programs, Tijuana trips, work with JPL Trail Maintenance, LA Food Bank, 5 Acres, and Huntington Hospital.

Students at the Y have worked hard to provide new as well as traditional events. Decompression ran smoothly with

approximately 2500 students attending. Highlights included Seiya's uncanny ability to measure chopped onions for the chile and Joan Marie acting as the lovely host for the popular "dating game." Big events this year included the Y-Hike to Sequoia National Park, International and Earth Day, poetry readings by local high school students for Dr. Martin Luther King's

Birthday, noon concerts and a ski trip. All of the students who volunteer on the Y ExComm as well as many people on campus and in the community truly feel that the Y is "making a world of difference" in their lives and the lives of others.

by Becky Green



## CALTECH Y

Front: Donna Ebenstein, Gina Serraiocco, Samantha Foster, Christine Chen, Seiya Fukuda. Middle: Joan Marie Gimbel, Chris Sundberg, Gypsy Achong, Angie Bealko, Erik Wasinger, Topher Hunter. Standing: Sean Furlong, Becky Green, Sam Webb, Prasanth Surampudi, Andrew Schoen.



## SWE

The Society of Women Engineers is an organization open to all students at Caltech. SWE's aim is to educate its members and to help develop in them an interest in the many fields of engineering.

Front: Joan Marie Gimbel, Tobé Corazzini. Back: Andrew Maskiell, Ellis Meng, Eve Andersson, Jessica Chang.



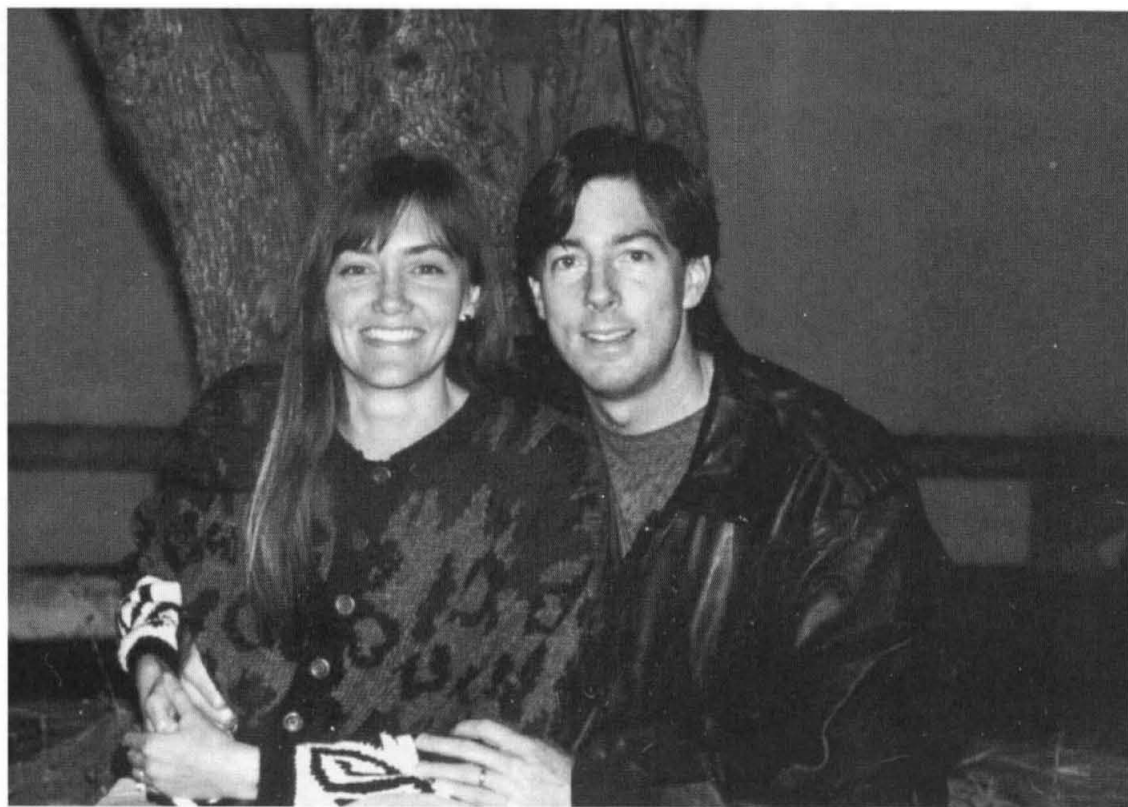
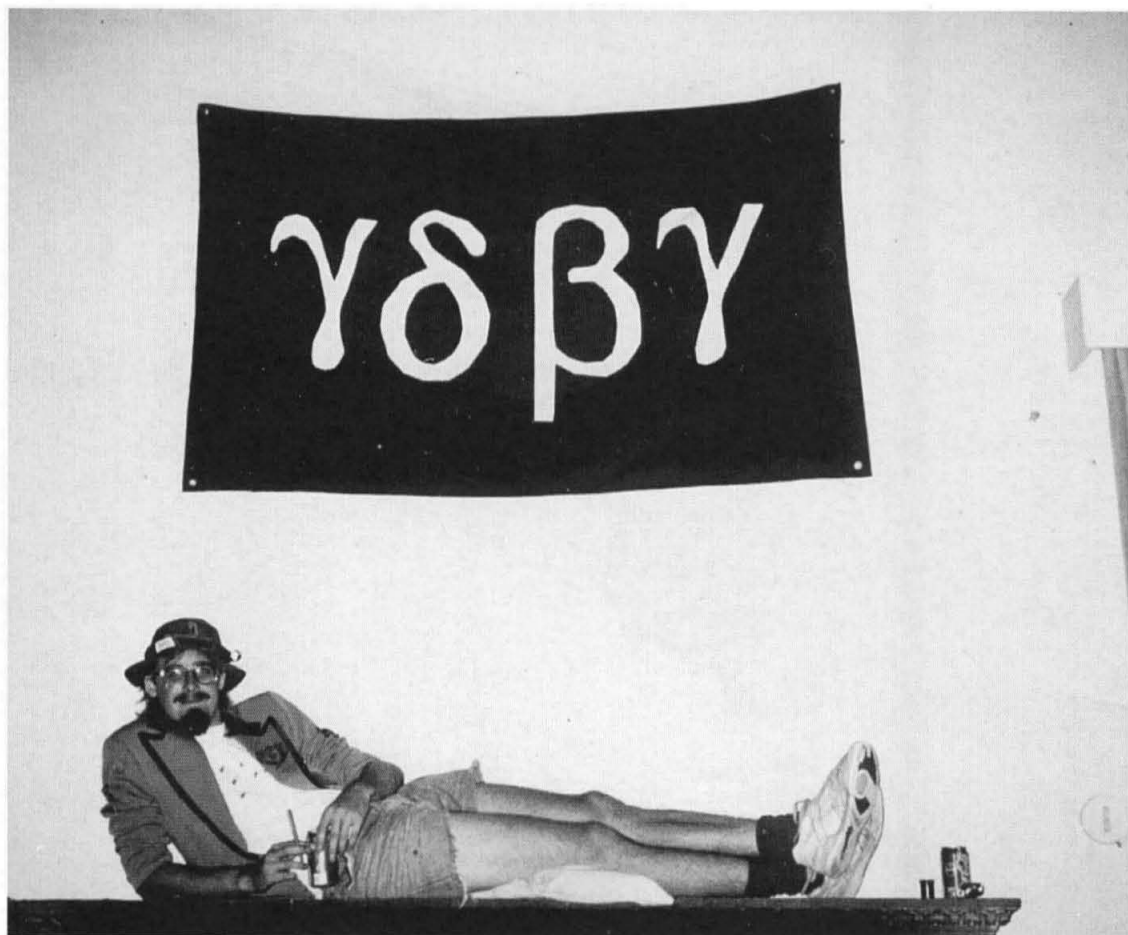




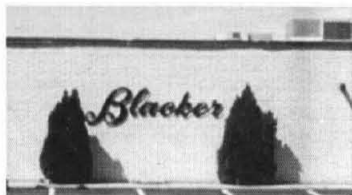
# Houses



# Blacker

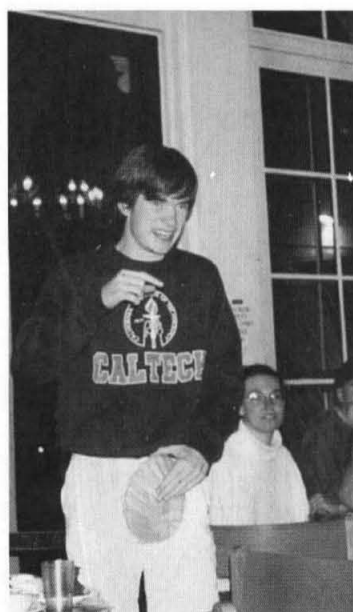


Top: President Ben Smith lounges on the lounge mantelpiece below the new House flag



Above: To our excellent RA's, Ken and Michelle Appersen, thanks for a wonderful year!

# THIS IS BLACKER HOVSE



Sean, Ben, Mike, and Willy rev their engines in the lounge. Bert and Skew prepare to hoist their fellow hovsemates in the (mostly) annual tradition of the Six Man Lift. Ken showcases the patented Walsh Wickerware line of personal dinner armor. Moles splash around in the courtyard, waiting for their annual bath with the Flems. A carefully selected group of volunteers escort Ben to a nice cold bath.



Blacker Welcomes the Freshman Class of 1993:

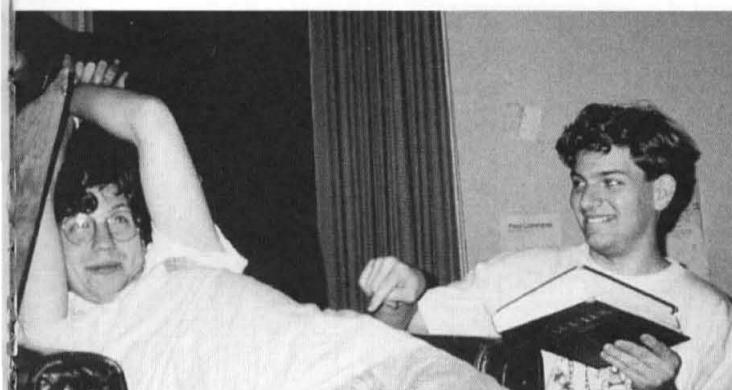
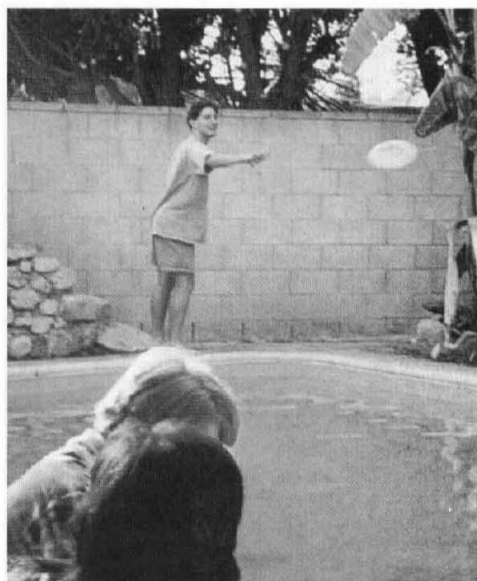
# A Wet Frosh...



Wild, wild frosh: Bill Penn, Noah Malmstadt, Jeff Miller, Bryan Carson, Cailin Henderson, Amy Herr, Mike Stage, Peter Manca (Permafrosh), Andrew Grangaard (Permafrosh), Catherine Boone, Rae Yip, Doris Tsao

Devabhaktuni Srikrishna (transfer), Ben Lane, Tom Niday, Sam Foster, Kanna Shimizu, Sam Timoner, Lada Adamic, Oscar Nelson, Margret Belska, Mike Fox, Bevan Bennett (Permafrosh), Bradey Honsinger

Wanted for hiding behind folks where we can't see 'em: Vandana Desai, Sebastian Maurer, Zane Crawford, Cyrus Behroozi, Jason Heiss, Krishna Kant, Damien Martinez, Rowena Lohman, Tyson Grant, PJ Go (transfer)



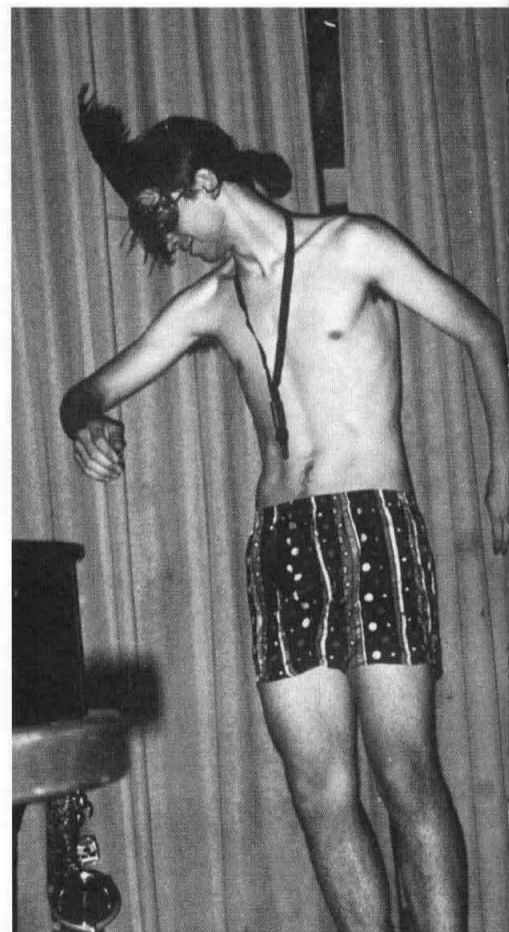
Jason disks at the Frosh Bar-B-Q while Zane recovers from class. Pass/Fail, frosh! Mike Stage models an excellent Halloween costume. The Original Triplefrosh™ spiff it up for a dress dinner with Dilbert, but poor Willy had to stay home and listen to Spaz read Apostol.



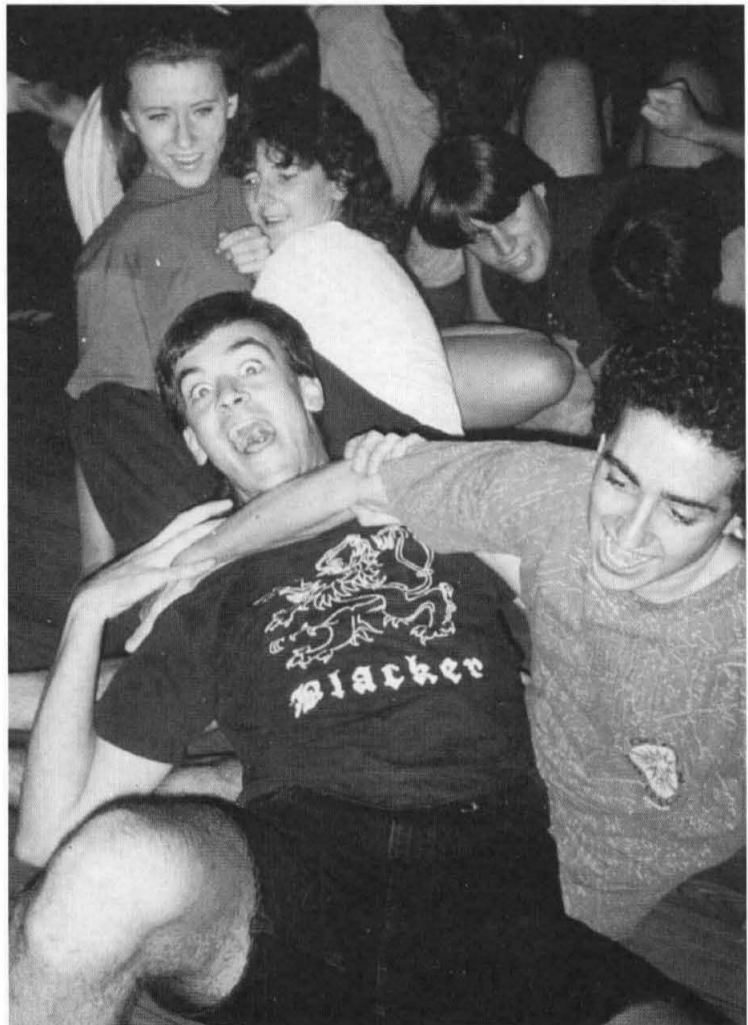
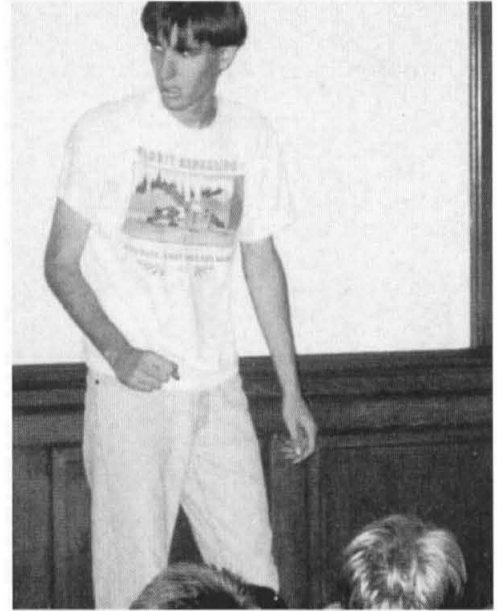
# LOOK WHO CAME TO DINNER

Dinner guests took a decided turn for the weird this year. First the Pope, Saxophonus Maximus II, and the Acolytes and Cardinals of the Church and Hovse of Blacker, ttboai, indoctrinated us with their safe sax, loose morals and tight clothing. Cardinal Dolby brought smiles to frosh Sebastian, Rae, Mike, and Jason. But they had yet to meet the Master. . .

This year, the Lounge Run was especially. . . interesting. Although the upperclassmen were steadfast and strong, they were few in number. Frosh like Mike Fox tried to sneak past, but most were eventually carried quietly away, like Mike Stage (aargh! too many Mikes!). Others, however, put up quite a struggle. Courtney, Danger Mouse, and Marcel looked on as Sam turned the tables on Brian. In the end, everybody was tired, and the Church and Hovse of Blacker, ttboai, had three new saints for the first time in decades: Eric Wasinger, Ben Lane, and Tyson Grant.

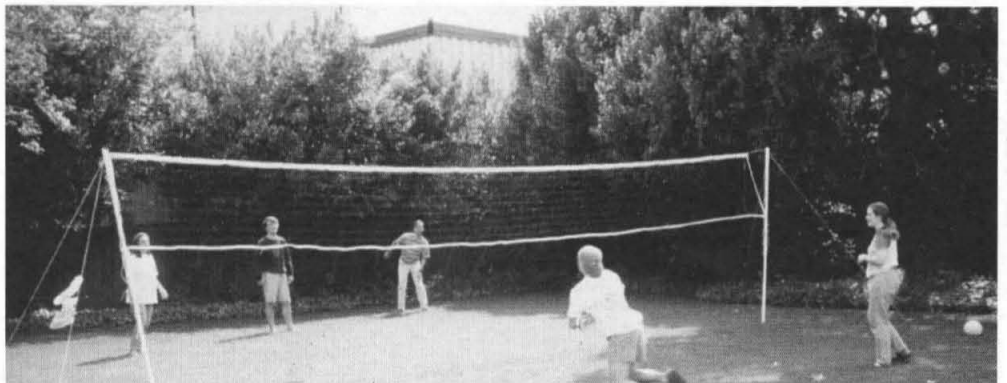


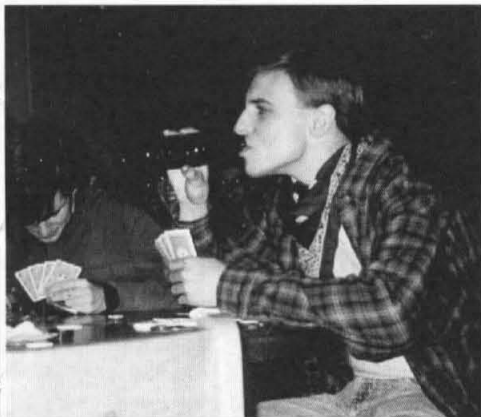
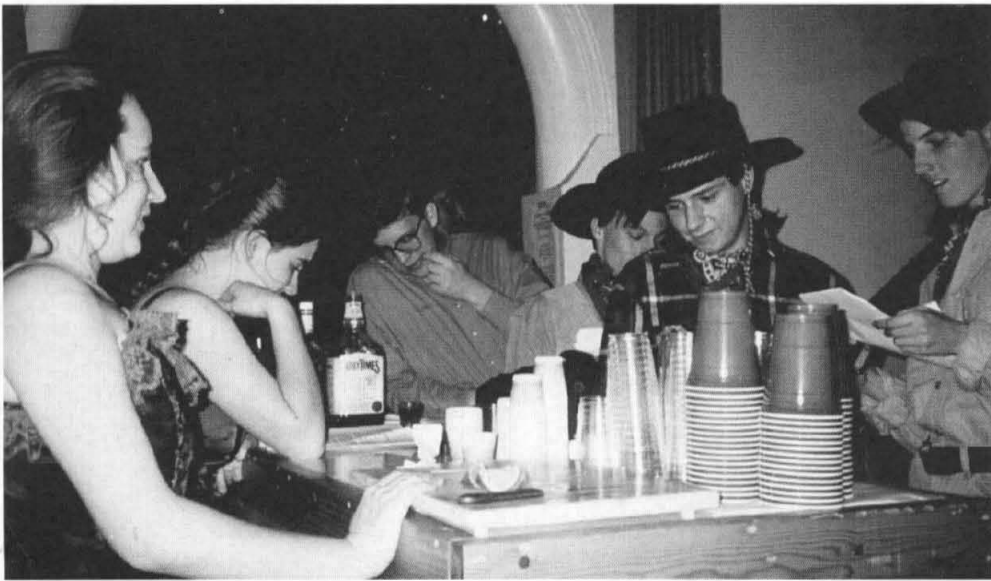
# CONVERSATIONS IN THE LOUNGE





# Social Moles



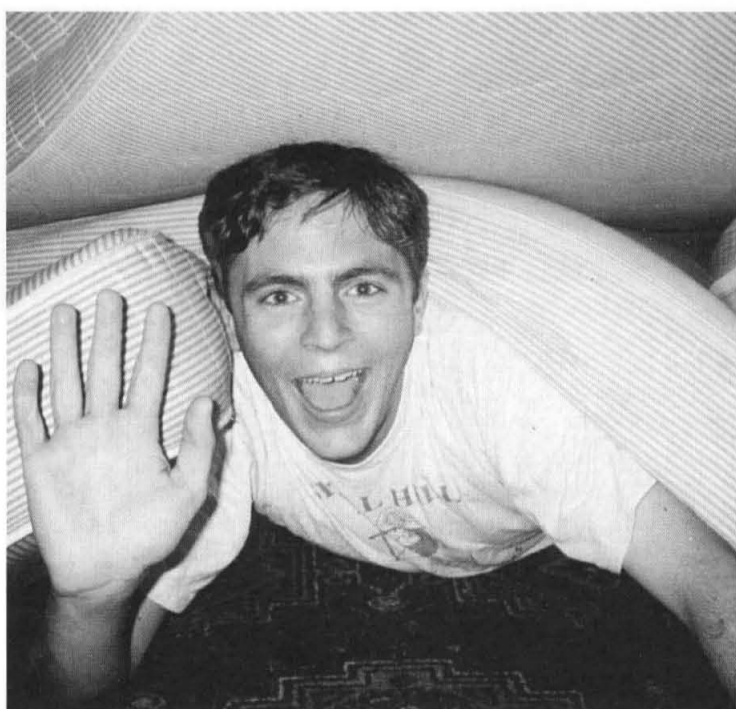


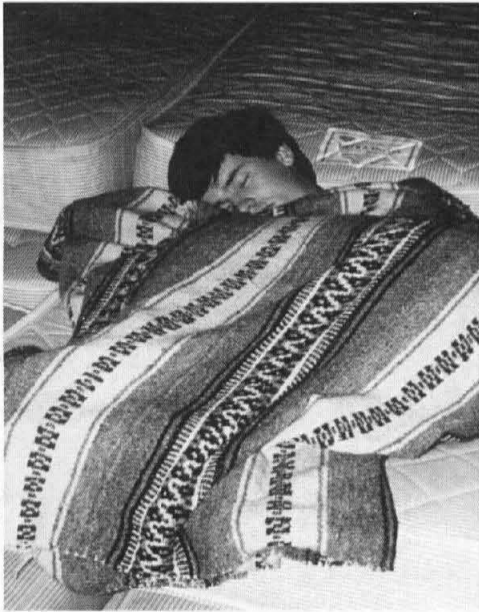


# S'mores & Juniors

Just as common as James sleeping through dinner is Ken amorphously curled up sleeping in the lounge. Speaking of the lounge, Renny and Eric enjoyed a cute hug there while it was decorated for Christmas. Across the courtyard, a few people attempted the 5a Climb this year. You're almost there Jason, but why don't you just use the stairs like everybody else?

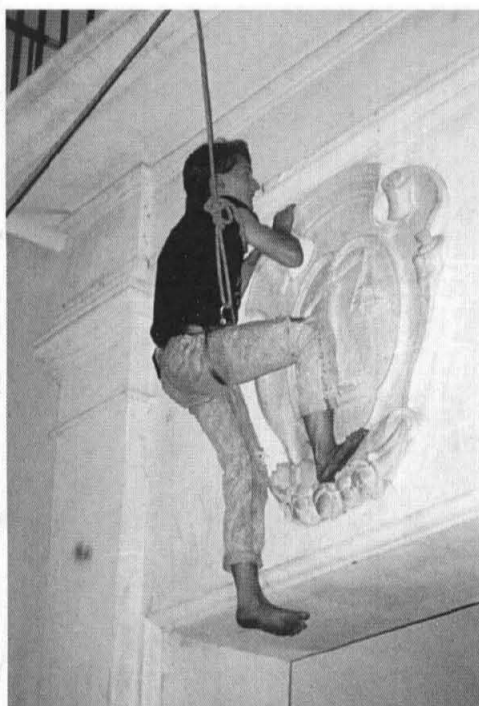
So what if we haven't been frosh for a while; we haven't lost our bounce! Just ask Jen and Kim, jumping around on the mattresses left over from Movie Weekend. Bert, Bridget and Yun know how to have a good time. Courtney and Jason look pretty happy after Thanksgiving dinner. Speaking of happy, say hi to Eric, our new Secretary! Our new Prez James won't miss this dinner!



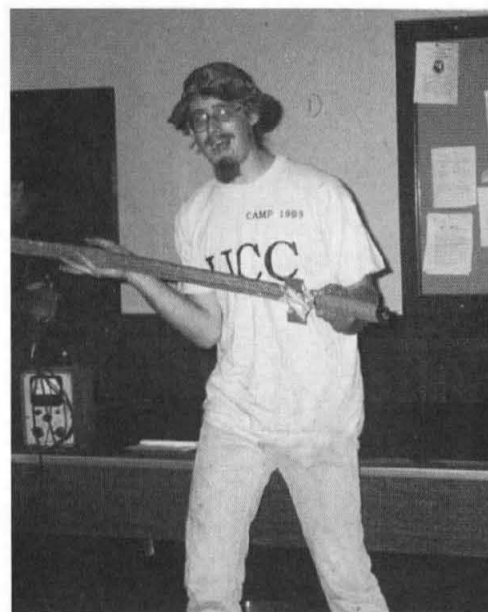
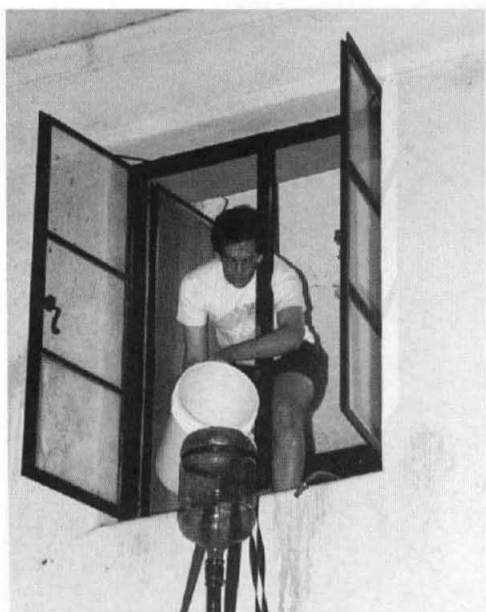


Class of '96: David Kondo, Devabhaktuni Srikrishna, Christopher Hunter, Ernest Tomlinson, Chris Foley, James Honaker, Eric Dickson, Alfred Lee, Peter Manca, Stacy Kerkla, Donna Ebenstein, Alison Slomp, Jessica Chang, Patty Chang-Chien, Kim Komisarek, Divya Srinivasan, Jian-Jin Tuan, Renny Talianchich. Went to Venice instead of Blacker Beach: Eric Hill, Andrew Schoen, Ken Walsh, Tatsuya Murase, Andrew Mart, Schultz Wang, Matt Noble, Anna Mulhern, Miyabi Ota, Paul Upchurch

Juniors at the gene pool: Brian Moerdyk, Eric Wasinger, Christine Chen, Jen Niessink, Kristin Polito, Andrew Grangaard, Zackary Berger, Chad Delany, Lisa Gaskell, Bevan Bennett, Mack Rhinelander, Jason Hollinger, Marcel Bergmann, Matt Carle, Courtney Hilliard. Dazed and confused and not in the picture: Matt Clapp, Eric Hackman, Mike-Bob Coward, John Barrera, Yun Kim, Bert Sommar, Bridget Mattingly, Joe Andrieu, Jen Barts, Jason Lada, Seong-Yun Kim, Tom Kwan, Jonathan Weinstein, Salim Otero, Adele Shakal, Sean Upchurch, Cathy Vargas







Seniors: In Class Photo:(Brad!), Ben Smith, Matt Johnson, Skew Lines, Bevan Bennett, Sofia Akber, Chandler McDowell, PJ Go, Rebecca Green, Gasry Olsen, Sandee Perez, Joan Marie Gimbel

At Crew vs. Fleming: Andrew Lundsten, Joe Andrieu, Near Margalit, Xavier Bengoetxea, Mike Nygard, Troy Bassett

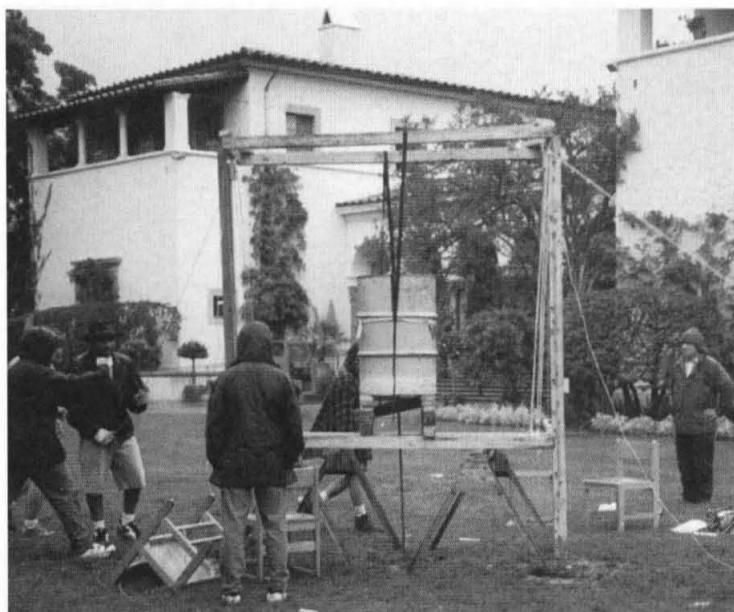
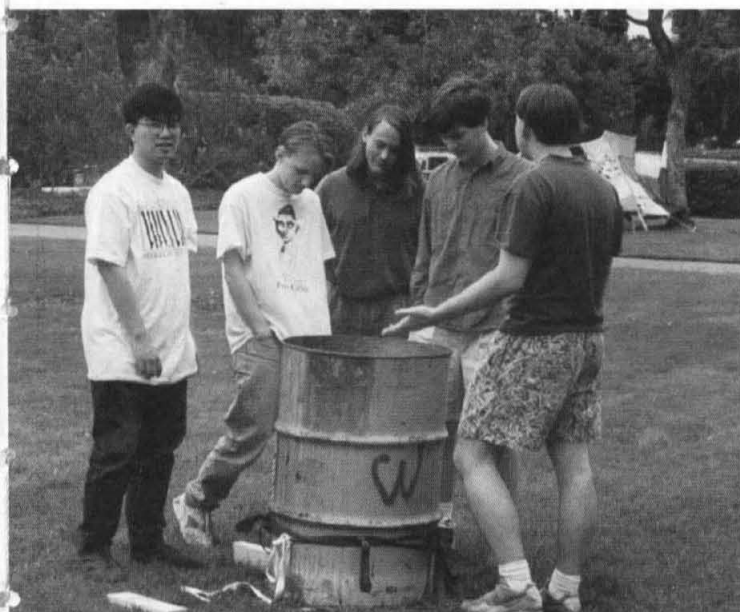
Not Pictured: Miikka Kangas, Sarah Yoder, Suneal Chaudhary, Todd Rope, Seong-Min Kim, Konrad Dudek, Prasanna Adhikari, Alvin Daniel, Jennifer Wei



# Ditch Day '94



Ditch Day dawned damp, gray, and almost rainy this year, but the weather didn't dampen our spirits! Kim, Jen, and Donna paint white roses as part of Sandee's Alice in Wonderland stack. The Mission Impossible stackbreakers pause outside Gary's door with some clues. Chandler's brute force stack got a lot of attention, as shown here both before and during lifting attempts.

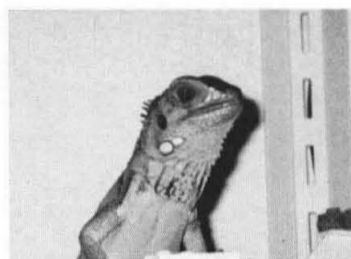


Well, that's the year as we knew it. Like many other years in Blacker, new faces were introduced, old faces bade farwell, and some of us just grew more tired and haggard-looking.

The overall most important event of the year was by far the day that Ken and Michelle announced that they were having a baby. That ought to make next Rotation a lot of fun! We wish the Appersons the best of luck and hope to see many baby pictures in next year's Big T. (As long as I don't have to take them!-Topher)

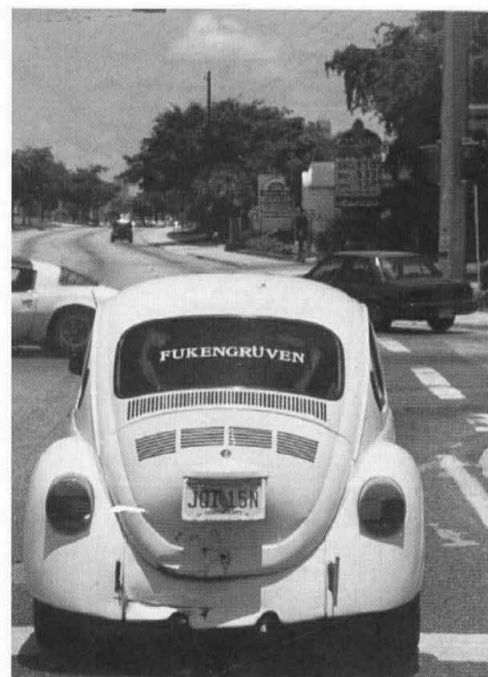
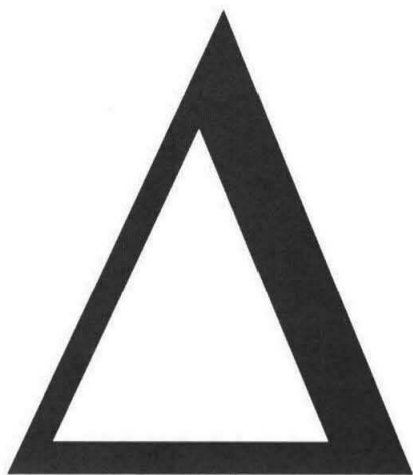
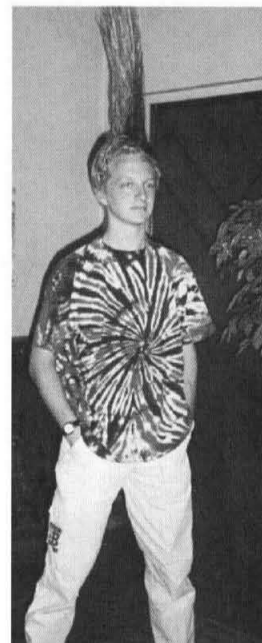
Chronicling this year has been interesting. Sometimes we just had to tough it out, and other times we knew we were in over our heads. (I'm tired of chasing Oci away from my layouts and rough copy!-'Del) Good luck to the Historians to come. It's been fun, but we're glad to be done with this job. You'll hear no more "Turn in your pictures, dammit!" announcements from us! So long, Blacker '93-'94!

Oh, by the way, you're all wimps!  
Topher and Adele  
(& Shakespeare and Oci)





Dabney







# CLASSES

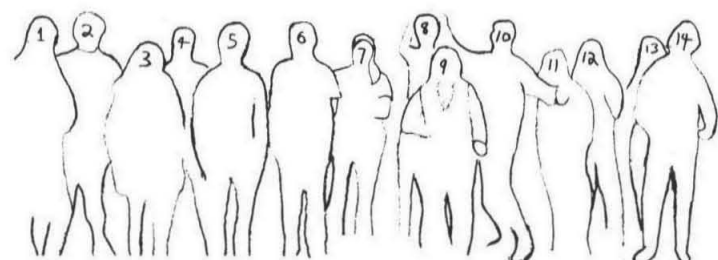
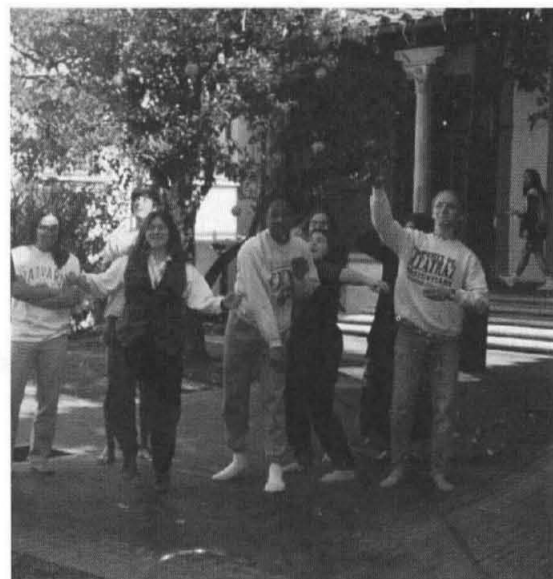
The Frosh say that Dabney is changing. But Dabney has always changed with each new Frosh class and each year's new crisis. The Darbs who are Dabney House don't look much different. Still, though, of the five years I've been here, it seems that this year, a year notably lacking in any crisis (so far), Dabney has managed to skew itself even further from any hope of defining a norm.



**Super Seniors:** Amy Stern, Eric Schell, Seth Noble, Betsy Marvit Not Shown: Willy Watson, Rich Zitola, Alf Mikula.

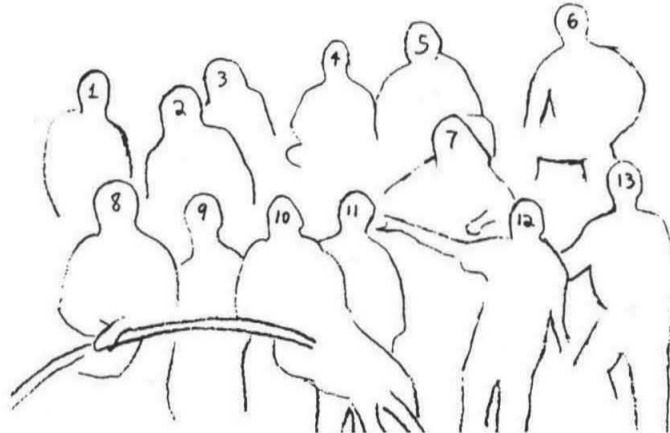


**Freshmen:** 1. David Zito 2. Mike Herrera 3. Aaron Passey 4. Seth Laforge 5. Chris Walker 6. Neal Dalal 7. Jennie Yoder 8. Alan McConchie 9. David Soergel 10. Diana Young 11. Carrie Griffin Not Shown: Annaliese Beery, Shameel Arafin, Eileen Wexler, Rowena Lohman, Sarah Laxton, Alison Jackson, Daniel Dempsey, Hee Kim.

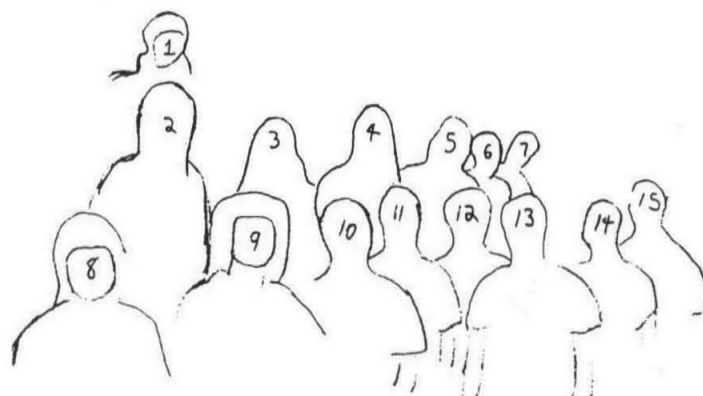


## Sophomores:

1. Kevin Neville 2. Joseph Trela 3. Divya Srinivasan 4. Andrew Clarke 5. Rudi Cilibrasi 6. Daniel Egnor 7. Bill Castillo 8. Anil Roopnarine 9. Yani Copas 10. Fred Caldwell 11. Andrea Cavalluzzo 12. Sean Vellucci 13. Heidi Hofer 14. Pi Quan Not Shown: Kevin Du, Chris Echols, Ediwina Lu, Laura Brady, Ravi Montenegro, Robert Granat, Travis Collier, Egon Pastor, Francisco Gutierrez, Amalavoyal Chari, Damien Sullivan, Pearl Tsun, Dennis Chang, Gary Fay, Miyabi Ota.

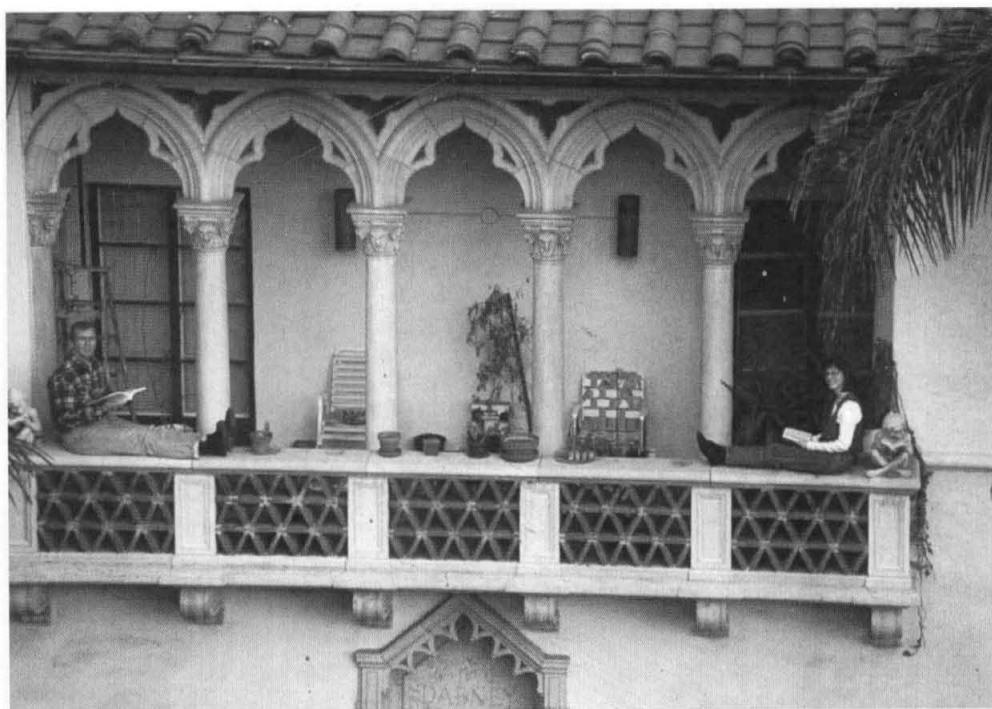


**Seniors:** 1. Jose Garcia 2. Kim Hatch 3. Paul Mineiro 4. Jim Murdoch 5. Brent Eubanks 6. Kevin Kraft 7. Cindy Machacek 8. Zu Xin Yu 9. Michael Harrison 10. Linda Hanely 11. Miguel Jordan 12. Laurent Stadler 13. Albert Erives Not Shown: James Sherman, Lawrence Schaulfer, Denise Yamagata, Jeff Denniston, Antonio Ramirez, Aaron Petty, Ahmed Abbas, Jonathan Baker, Graham Cummins, Alex Barski, Andrew Zug.



**Juniors:** 1. Susy Kohout 2. Karen Kustedjo 3. Katy Sippel 4. Jacob Holland 5. David Simpson 6. Jonathan Weinstein 7. Adrian Hightower 8. Kathleen Tozer 9. Alex Zeyliger 10. Adam Villani 11. Micahael Radford 12. Kurt Revis 13. John Marquis 14. Anatoly Spitkovsky Not Shown: Steven Skovran, Mina Aganagic, Mike Deierling, Karen Bruner, Yun Kim, Brian Craft, Michael Benedetti, Chris DuPuis, Travis Maron, Jennifer Barts, Ryan Hamilton, Adriana Lazano, Heide Li, Momo Jeng.

**Grad Turkeys:** Yair Zadik, Daniel Maskit, Kathleen Gallagher, Seth Noble (sort of).



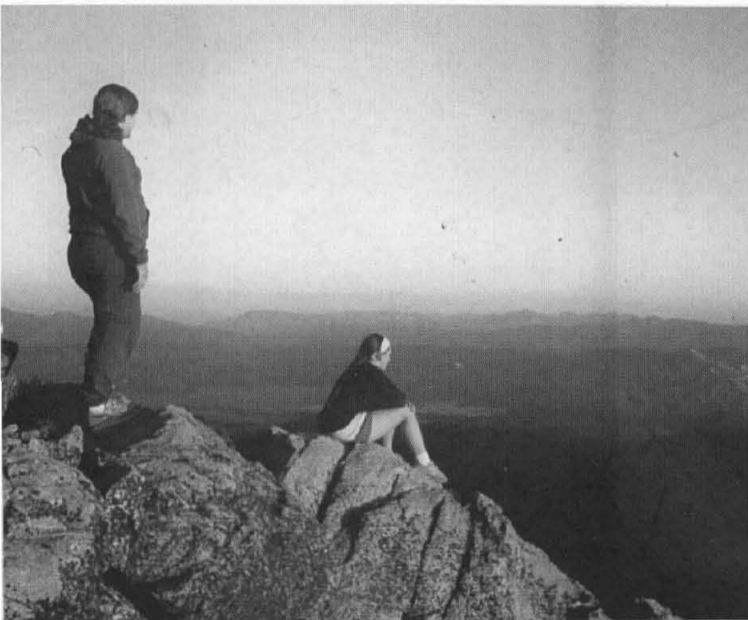
**R.A.s:** Len and Shelly Mueller

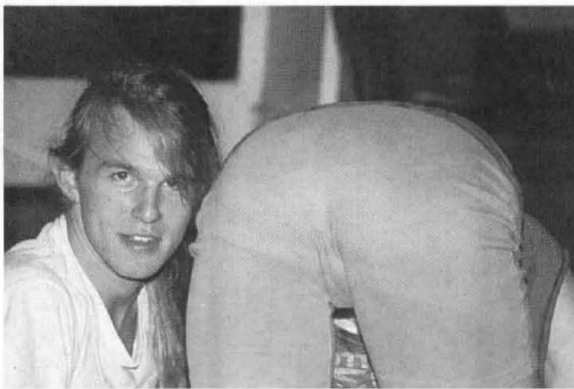
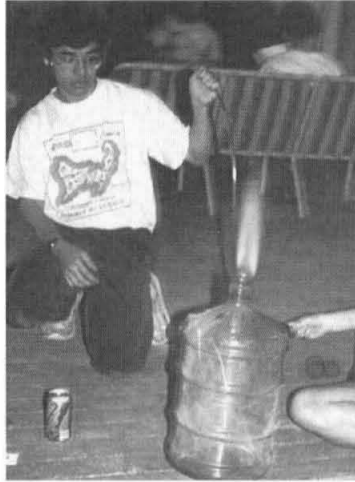
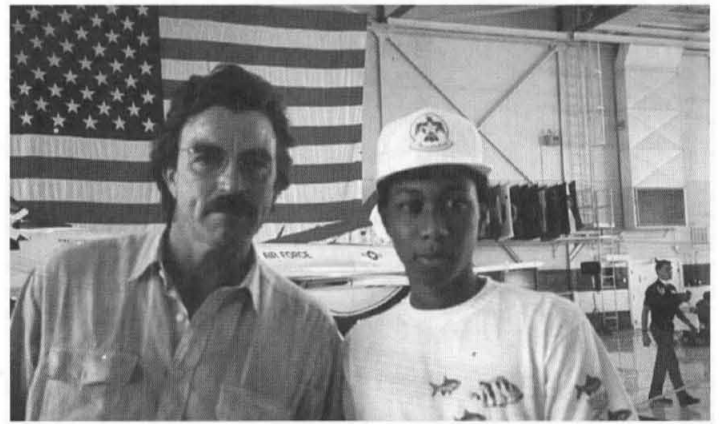
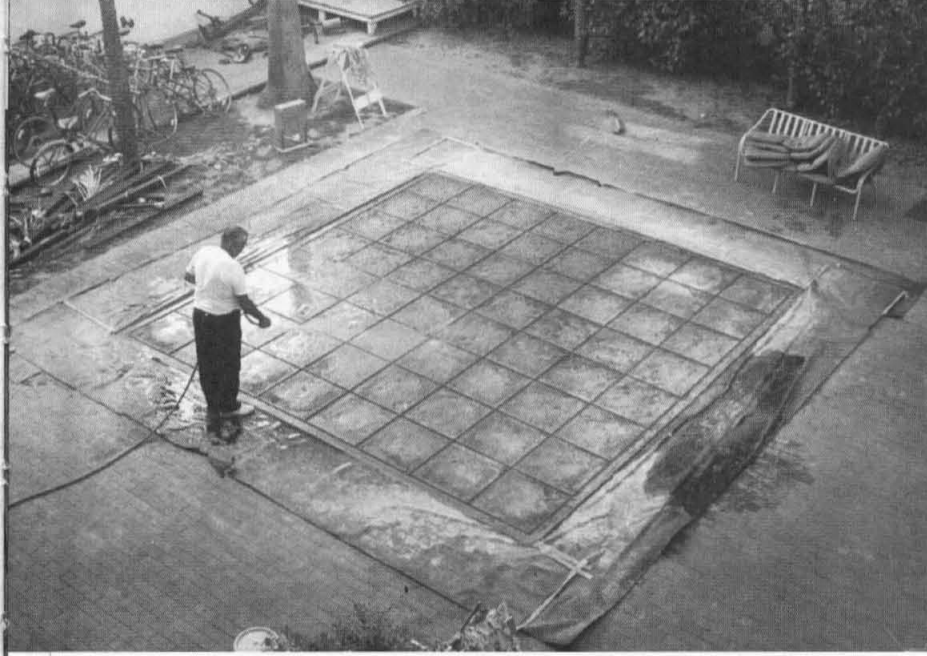


# The BEGINNING



The weirdness began before the year even started. Dabney hasn't seen so many pot-bellied construction workers since renovations. (L to R and T to B): Rich helps merge room 5 into the Alley 2 computer room; workers dig out the fire bricks and install the chess board; Fred Caldwell meets Tom Seleck; new and old Darbs meet The Dragon; leaving Czar hands power to Jim; Barney meets Mr. Tesla; Rich makes flames; Cindy rescues Laura's thumb; Jim enjoys twister with Heidi; I just took pictures; Eric and Laura at Mt. Pinos; chess board is slippery when wet; Linda with micro-Chester.





Want some  
used fire  
bricks?

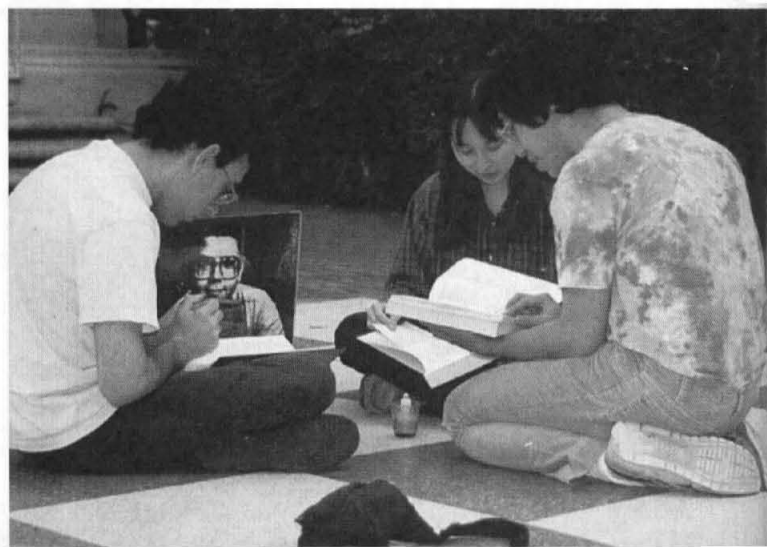


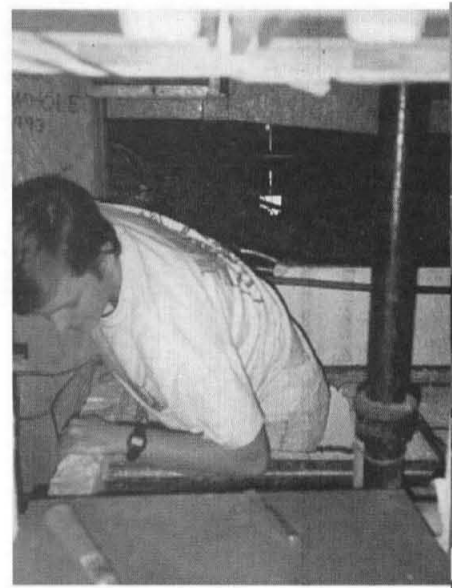
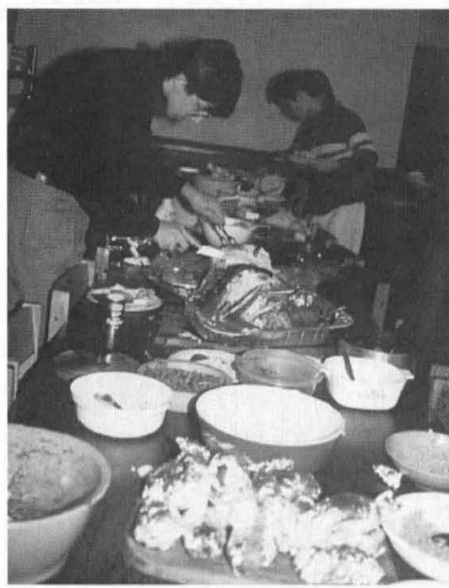




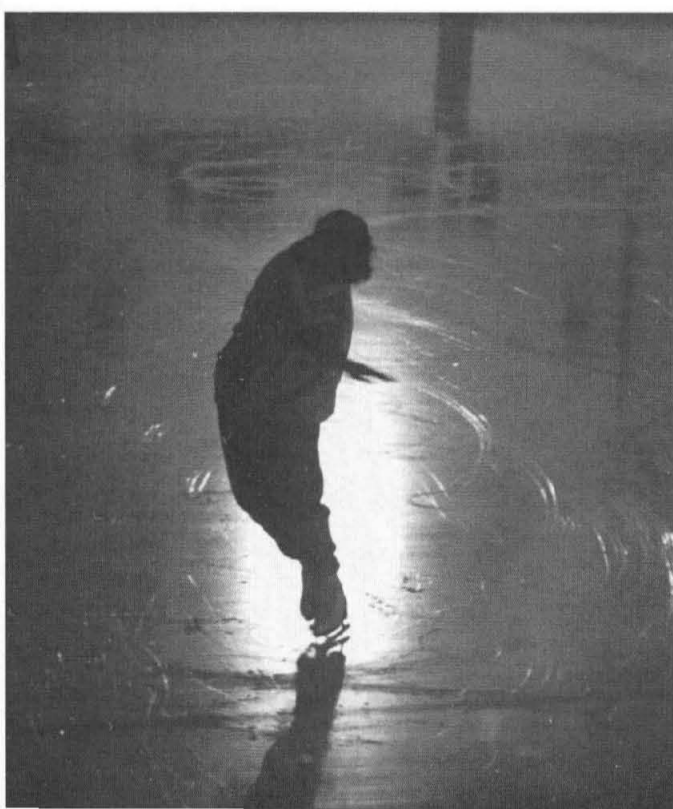
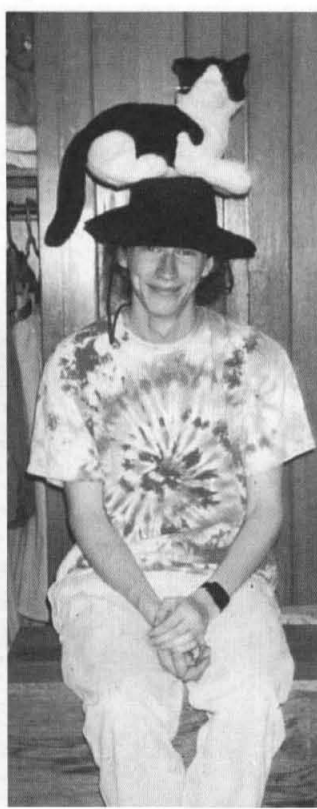
# FIRST TERM

While the upperclassmen were attending Fire Safety class, the frosh built up Dabney's first ever "Frosh Non-Fire." With candle dipping and non-Newtonian fluid mushing, there wasn't much combustion to sate the restless fire spirits. Thus it was no surprise when LA burned instead of Dabney courtyard.



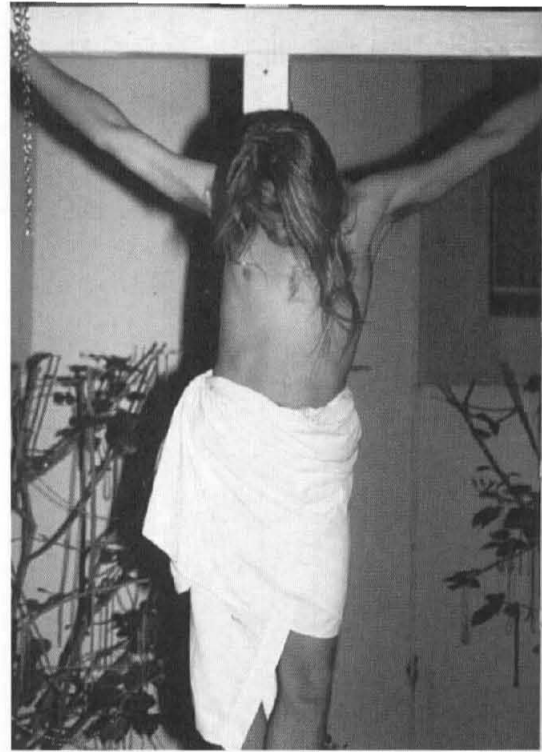


TL to BR: Frosh Non-Fire sign, Non-Fire festivities, Cindy tries new "safe" fire jumping, Dave plays with mush, with loss of fire comes loss of clue, Evil vs. Good at dinner, Good scores, praying to Egon for math clue, smoke over Pasadena (not our fault!), Thanksgiving yummys, the Alley 6-7 hyperspace bypass is finally completed, Sean is the fashion envy of those doing fire safety duty, many cold pumpkins very high up, Dabney goes disco (always been 20 years behind), me with a silly hat, Cindy spent finals week competing in the Eastern Regional Figure Skating Championship, my poor smushed car.

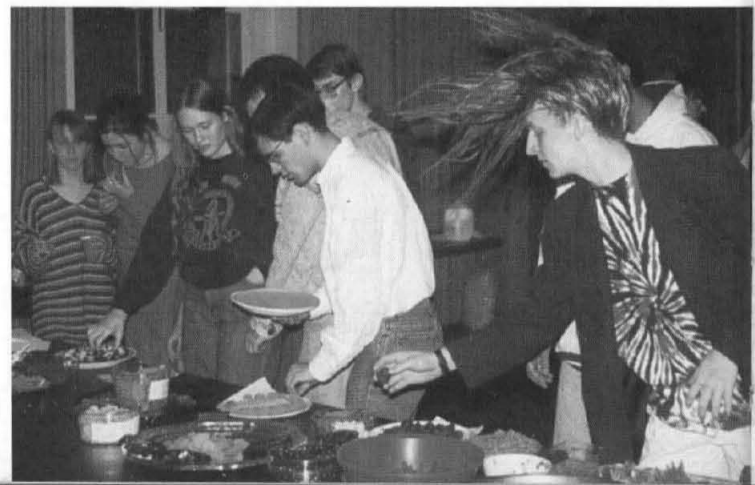
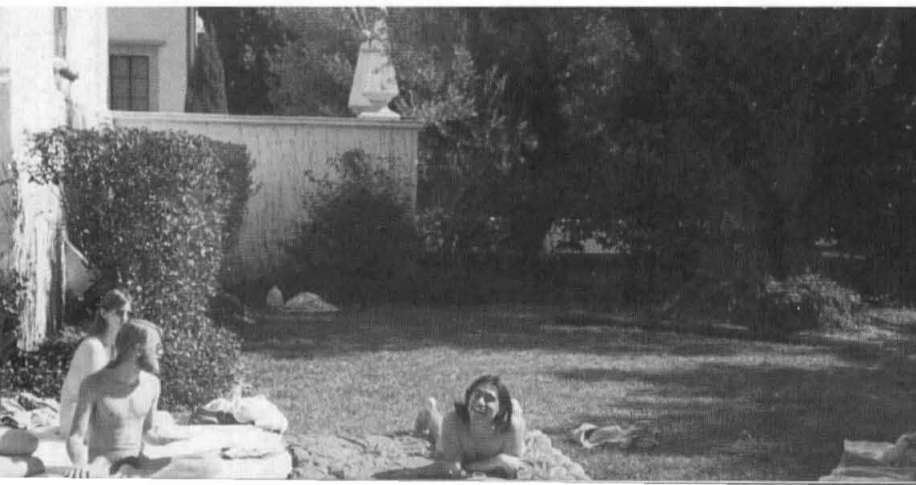


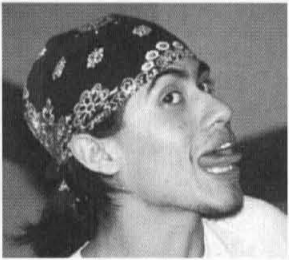
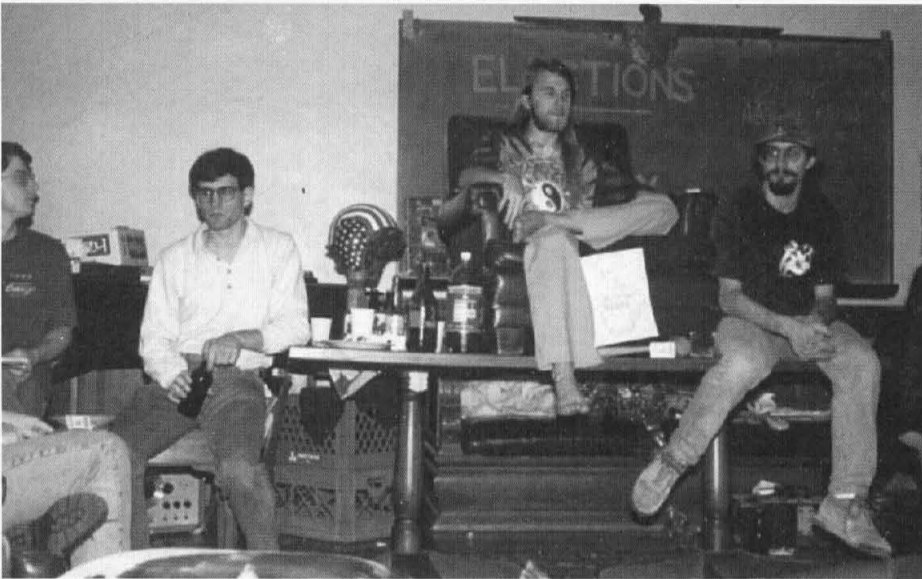


# SECOND TERM

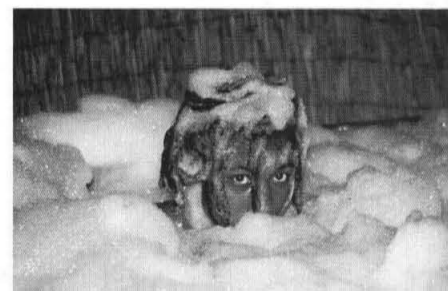
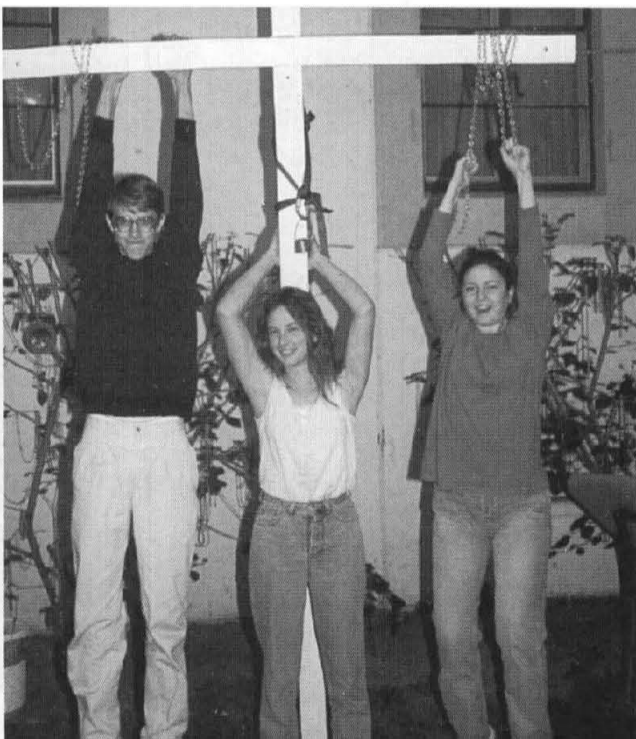


Guess: A really big bong; a really big bug; Jim is crucified; Jim is re-elected (same thing?); 317 goes away; Fred kills a really big strawberry; check out the people flinching; the BOC tribunal; the "new" ex-comm; Dabney does The Disco; naked lunch; drop day chow; Miguelito and tongue; Flakes; Travis Maron, Rowena Lohman, Mina Aganagic; Paul and Katy at Apache; Cindy and Seth N at Apache; Fred lurking in the hot tub.

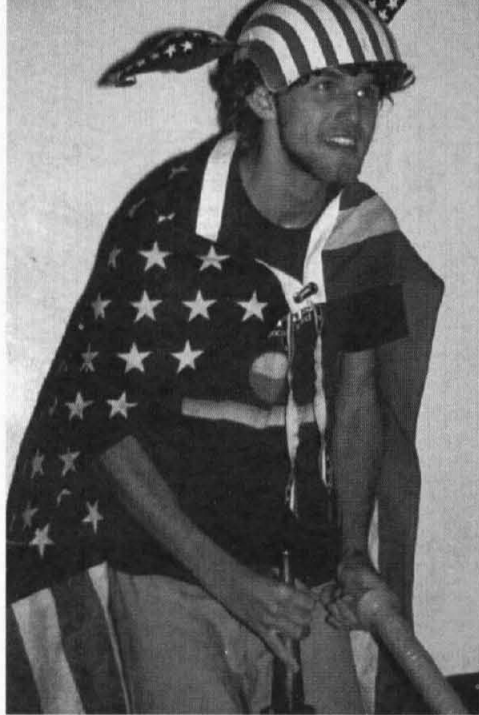




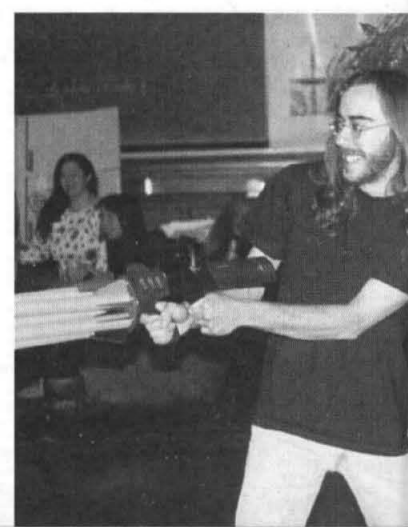
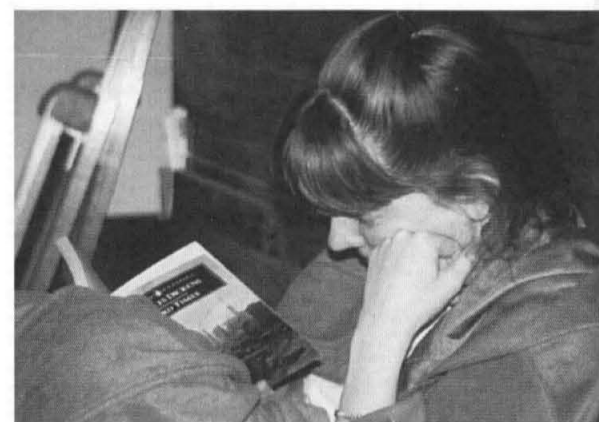
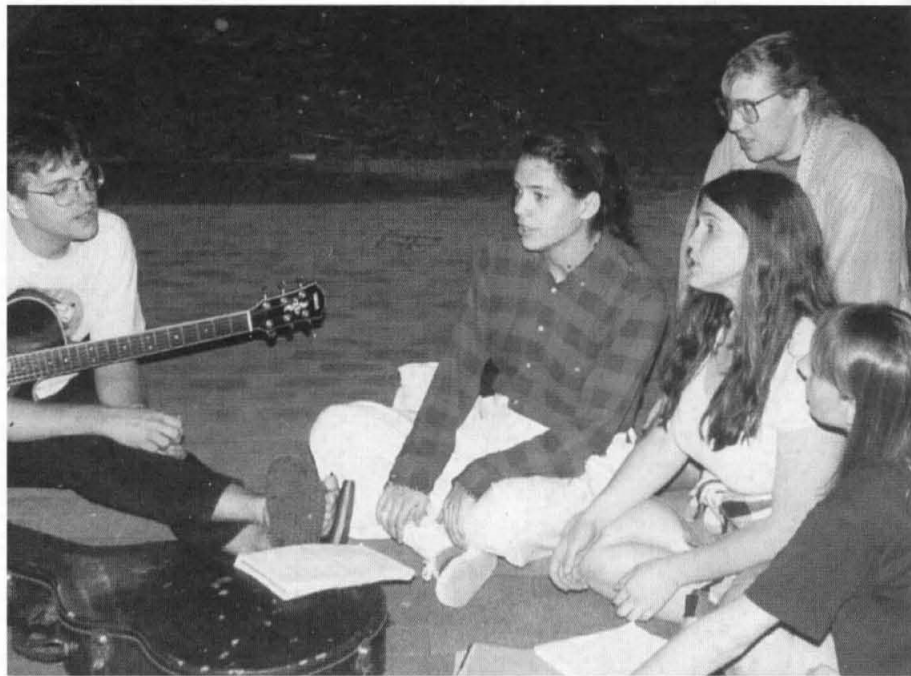
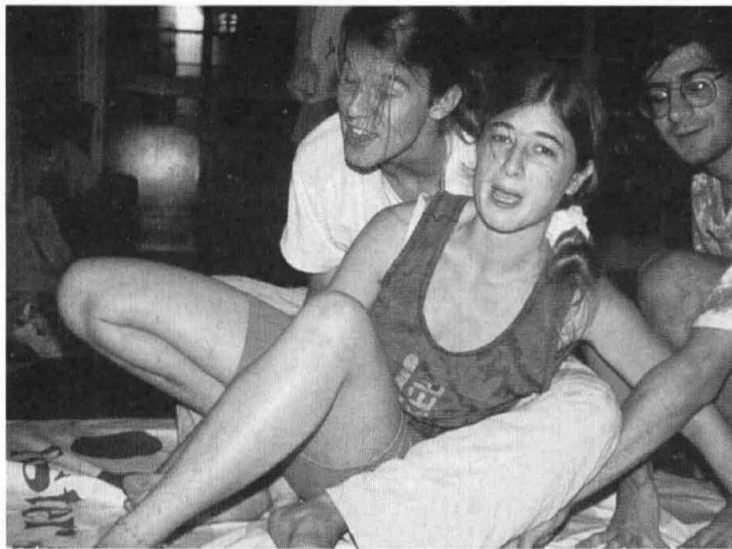
It was Miguelito who was first (or at least loudest) to pronounce "Dabney is changing!" When he helped bring the Disco trophy to the house for the first time in decades, I started to believe him. We also had not just one officer but nearly the whold ex-comm re-elected, an almost but not quite Interhouse party with the catch theme "Cajun-BOC-Just-Build-Something-Damnit."



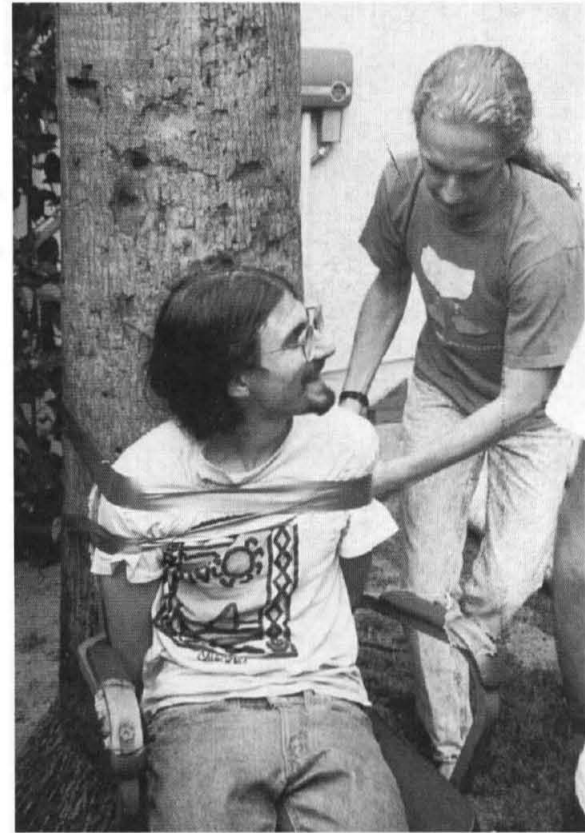
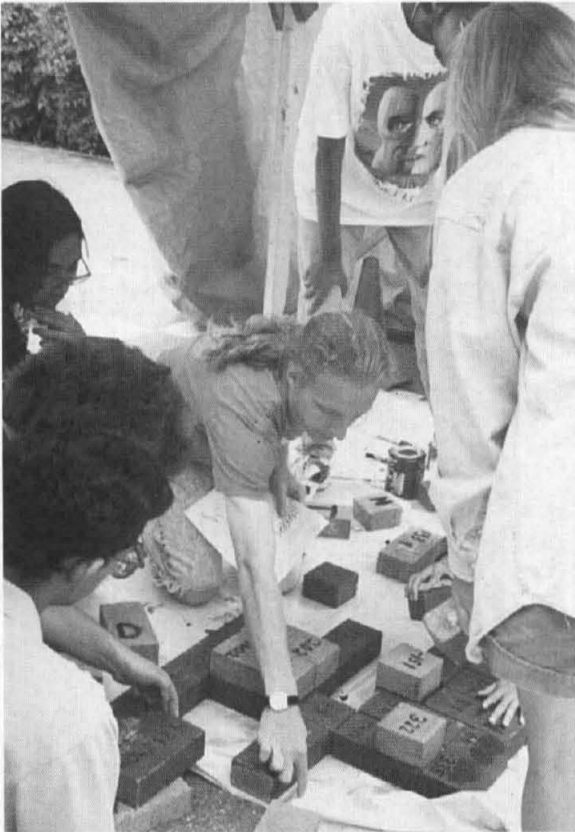
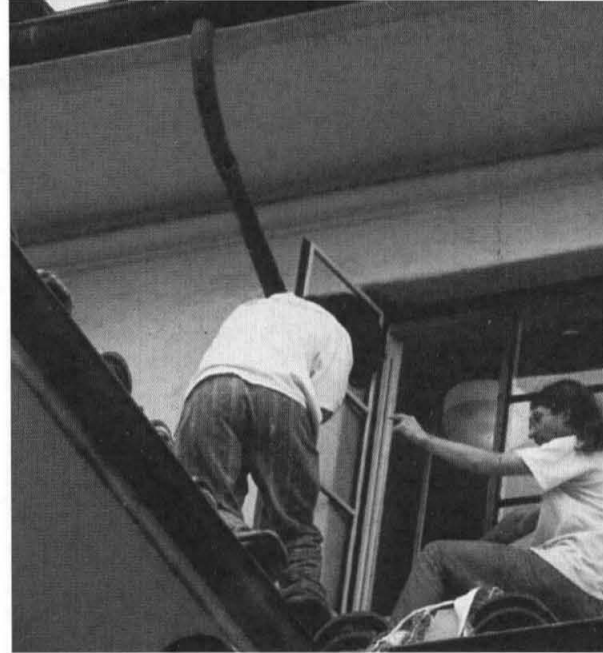




*And More*



# DITCH DAY



So did Dabney change? Miguelito, who had so long and loudly proclaimed the coming new order, turned the phrase on himself, "Miguelito is changing."

But I think former RA Pat Huber said it best when he visited one evening, "It's nice to see this place hasn't changed much since I was RA." It's just weirdness as usual. -- Seth B. Noble

Look, pictures: Jim wangles his wanker; Frosh wattage their weiner; Pink Floyd flies by; Jim enjoys twister with Heidi; a courtyard sing-along; Linda contemplates a bird; Yani and Danlip contemplate free-fall; Cindy relaxes with some non-science reading; Steve and Sean battle with Nerf; RABBO; Egon is watching everyone; Laurent tries a daring ditch day escape; Laurent is taped to a tree; Seth L (clueboy) picks at a safe; a puzzle of bricks; Brent torches a safe.

## 1993

William Ceasarotti  
Jim Murdoch  
Katy Sippel  
Michael Radford  
Bill Castillo  
Kurt Revis  
Seth B. Noble

## ExComm

Presidents  
Vice-Pres  
Secretary  
Social VP  
Treasurer  
Historian

## 1994

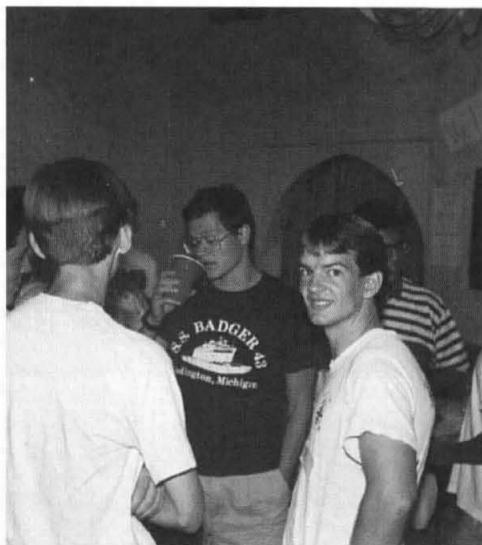
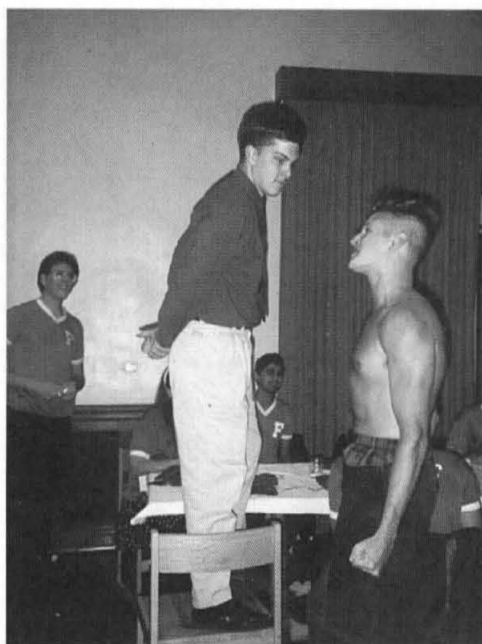
Jim Murdoch  
William Ceasarotti  
Laurent Stadler  
Michael Radford  
Sarah Laxton  
Steven Skouran  
Annaliese Beery<sub>85</sub>



# Fleming

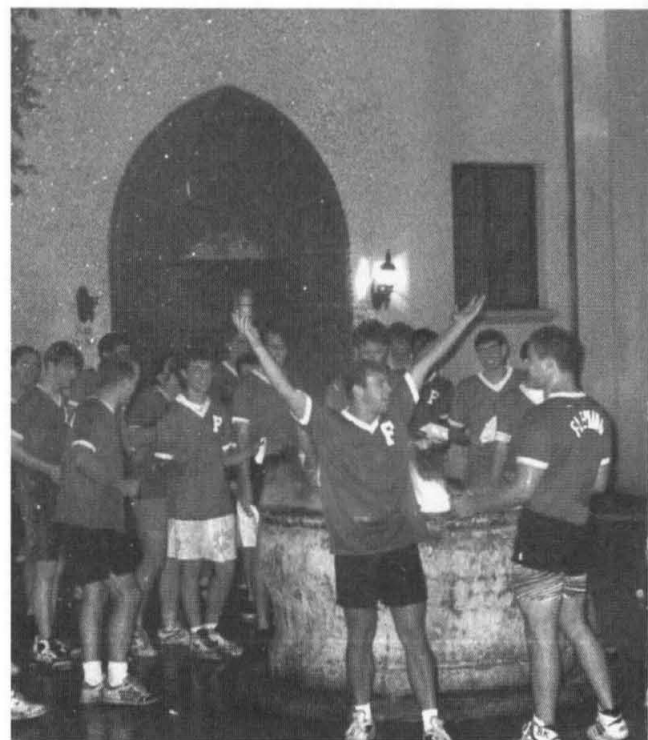
Greg Harper, Brian Bricumshaw, Arun Durairaj, and Rob Sides help pond, not shower, Nate.

(l-r) Justin Warner, Ann Plotkin, Jason Lee, Liz Price, and David Cacho all take a break after a long week of rotation.



Jim Ostrowski and Ned Bowden mingle with some frosh during rotation.

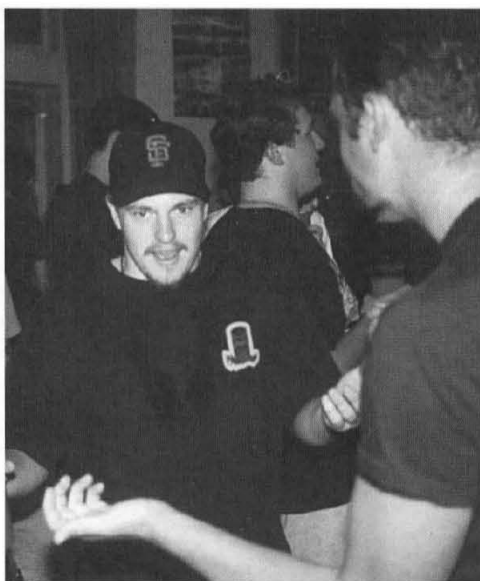
Greg Howes wonders where all the water went.



"I've fallen and I can't get up!" exclaims Eric. "We'll help you," say the frosh.



Alan Blaine and Chris Buchner have a very deep discussion during rotation.



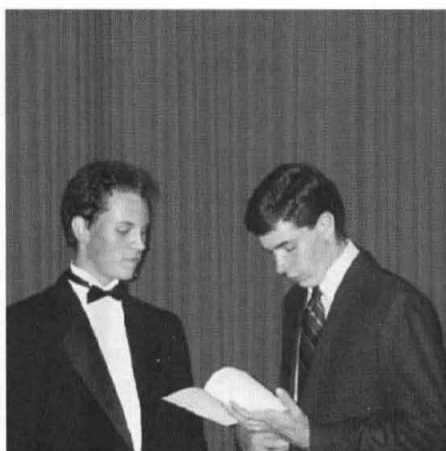
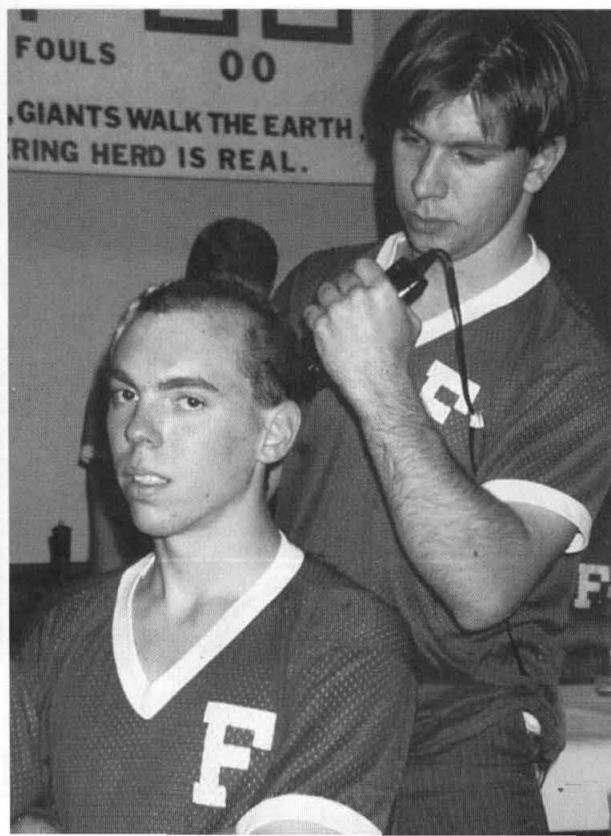
Fire-breathing godzilla, Matt, or both?

Trey Atwood demonstrates his singing abilities to his friends as they prepare to sing to the other houses.

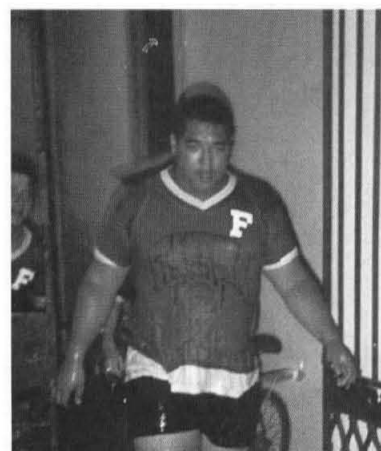


Colin Humphries, Toufic Suidan, and company prepare to sing to Lloyd.

Dave Barth, Chris, and company return to Fleming after a walk around the other houses.



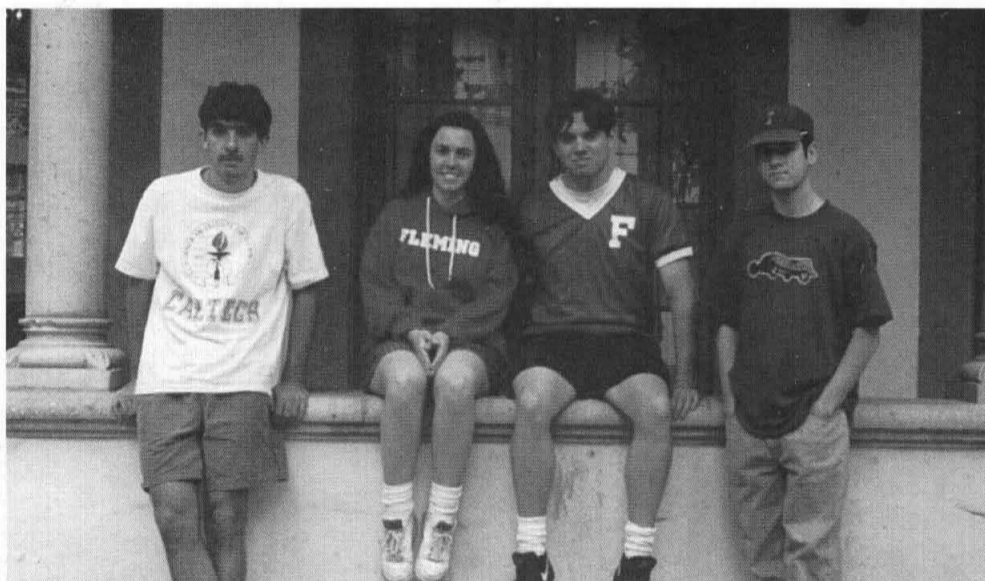
David Ozenne and John Hubenschmidt look over the Treasurer's report.



John White prepares to take on Blacker during caroling.

Art gets a trim by Guido to show his devotion to the House.





**Social Team:** Evren Turner, Penny Muir (Soc. 1), Colin Humphries (Soc. 2), Bryan Atwood  
**Not Pictured:** Gretchen Larson, Jenny Oghi



**Ath Team:** Back Row: John Naud (Ath. 2), Stephanie Hausmann (Ath. 1), Arun Durairaj. Front Row: Chris Cary, Scott Lyons, Greg Harper



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



|                        |              |
|------------------------|--------------|
| <b>President:</b>      | John White   |
| <b>Vice President:</b> | Brian Cooper |
| <b>Secretary:</b>      | Tamara Tulou |
| <b>Treasurer:</b>      | Matt Metz    |



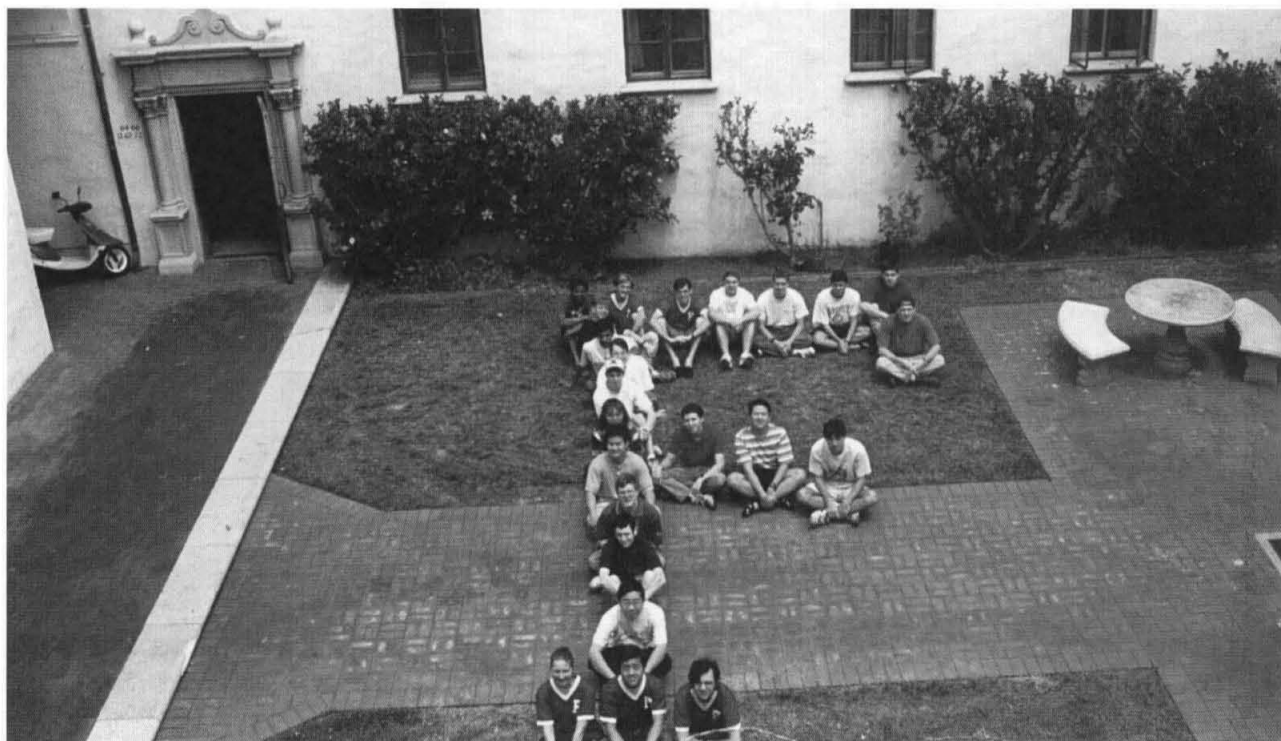
**Historian:** Rajan Ranga  
**Asst. Historian:** Brian Katon  
**Food Rep:** Keely Walker  
**Librarian:** Dave Barth  
**Cannon Master:** Nathan Scandella





# FRESHMEN

**Freshmen Back to Front:** Kumar Raman, Chris Cary, Brian Bircumshaw, Rob Sides, Chad Peterson, Toufic Suidan, Scott Lyons, Ben Siron, Dave Barth, Arun Durairaj, Marc Coram, Greg Harper, Jenny Ohgi, Paul Hendrick, Kenneth Lee, Evren Tumer, Keith Wong, Brian Jenkins, Bryan Atwood, Wai Kwan, Keely Walker, Rob Lin, Morgan Davis. **Not Pictured:** Winston Yang, Geoff Beech, Aristotelis Asimakopoulos, Austin Collins, Chris Moustakas, Gretchen Larson, Tony Chang.



# SOPHOMORES



**Sophmores Left to Right:** Brian Katon, Suzanne Bruch, Blair Essy, Justin Howell, Seth Blumberg, Tamara Tulou. **Not Pictured:** David Cacho, Richard Chin, Tom Dmukauskas, Douglas Elliot, Bryce Englebrecht, Matt Goff, Stephanie Haussmann, Victor Hsu, John Hubenschmidt, Brian Kim, Arvinth Krishnaswamy, Kelvin Kwan, Jason Lee, Jacob Mandelson, Roman Muchnik, Penny Muir, John Naud, Alessandro Pireno, Ann Plotkin, Aimee Quan, Nathan Scandella, Alessandro Spadini, David Stephenson, Donovan Stevens, Craig Tanaka, Alex Toth, David Wang, Jon Wesselmann, Sabrina Yazdpour, Nam Yu

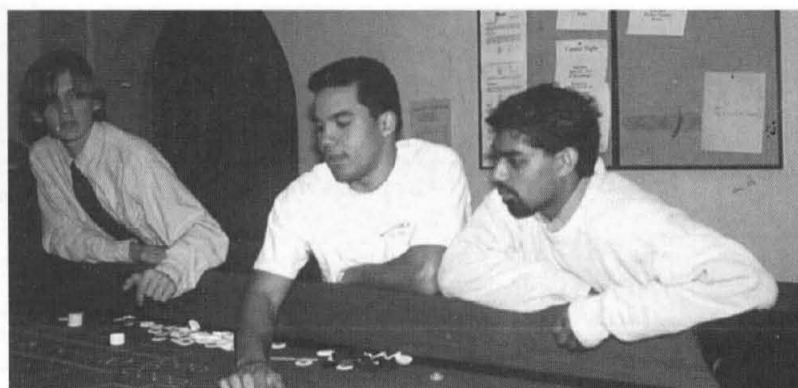
**Juniors: Left to Right:** Chris Buchner, Jeffrey Dickert, Brian Cooper, Rajan Ranga, John White, Stacy Fox, Colin Humphries, Steve Jilcott, Sean Mauch. **Not Pictured:** Abhijit Bhalla, Alan Blaine, Cesar Bocanegra, Daniel Chang, Ajay Chugh, Chandra Das, Mintao Fan, Ghen Faulcon, Javier Favela, Todd Gottula, Steve Greenberg, Sharon Grelecki, Ricardo Hassan, Adrian Hightower, Nicky Impert, Mansoor Jafri, Paul Kim, Jeff Kirshberg, Virginie Leenknecht, Matt Metz, Jennifer Miller, Amy Oldenburg, David Ozenne, Justin Warner.



# JUNIORS



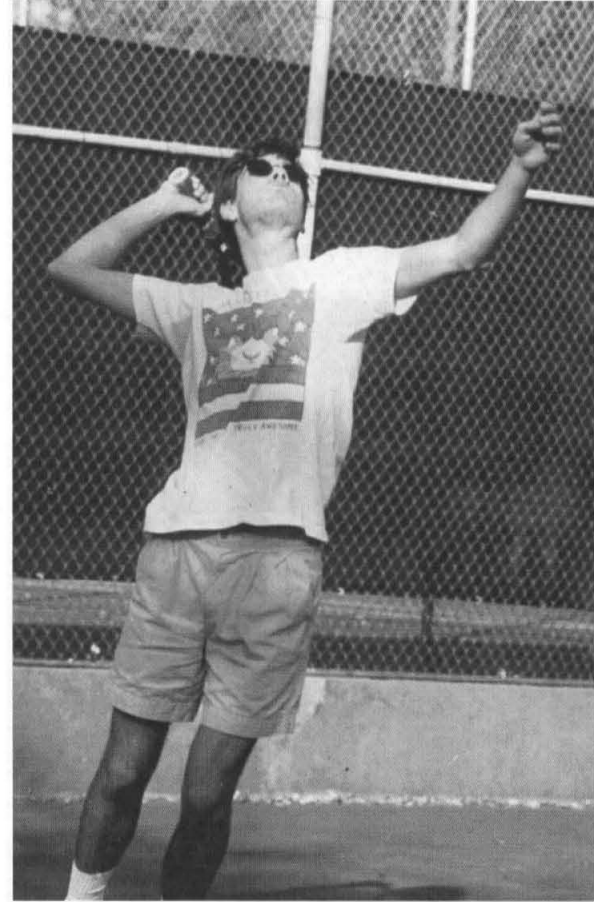
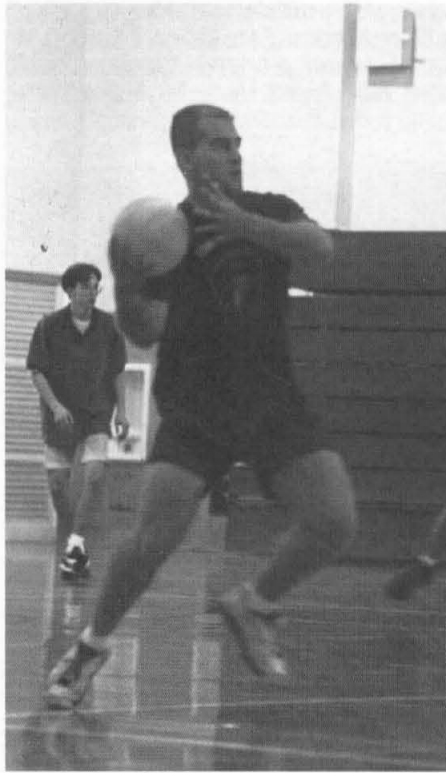
"Out of my way!! Coming through! Nothing to see here!"





Julian Jamison prepares a power serve.

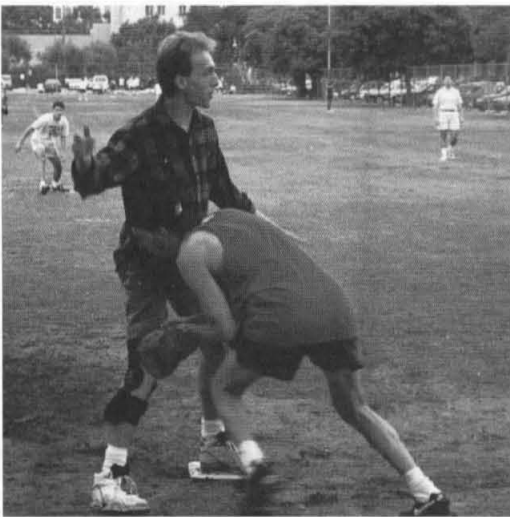
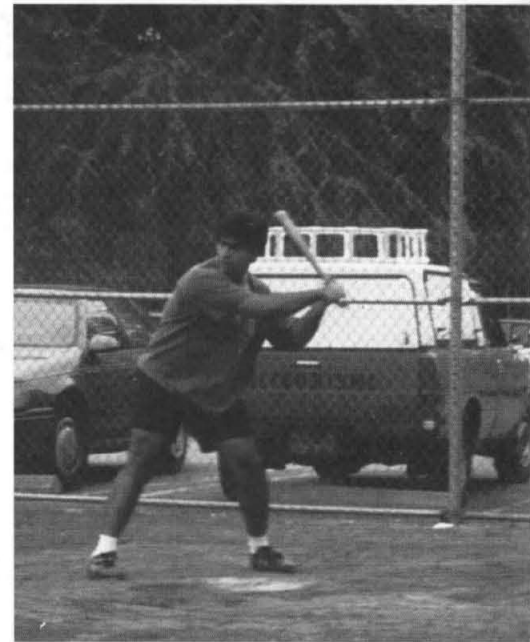
Steve Wilensky looks for an appropriate target.  
The master of Whak-a-Darb, Ghene Faulcon, prepares for the final blow.



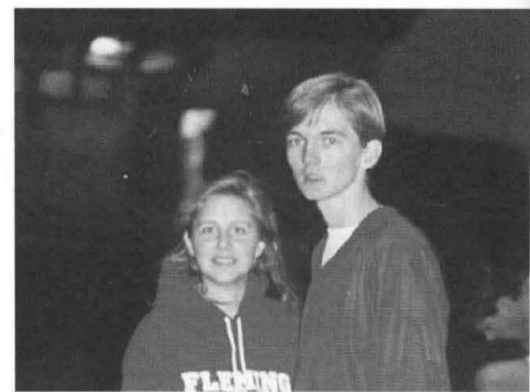
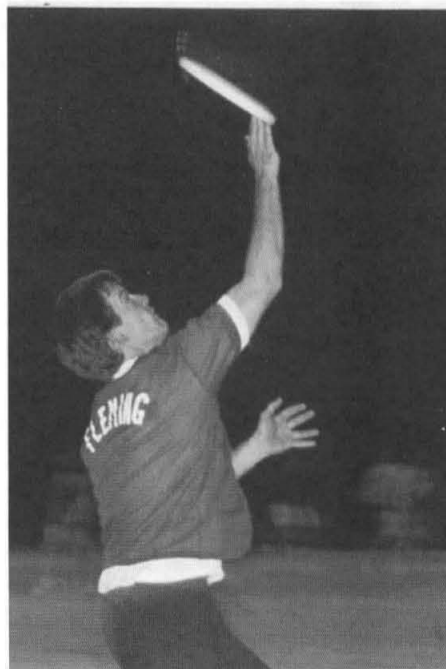
Hootan Hidaji prepares to hit the ball out of the park.

Jeff "Guido" Pasquino goes for killer pitches in softball.

"Aarghh!! Get off the base!!" yells Art.



"I know where I am and I know what I have to do - catch the disk!" proclaims Jim.



Keely Walker and Chris Cary — Demons in red or innocent spectators?



The spectators find something more interesting than the softball game.



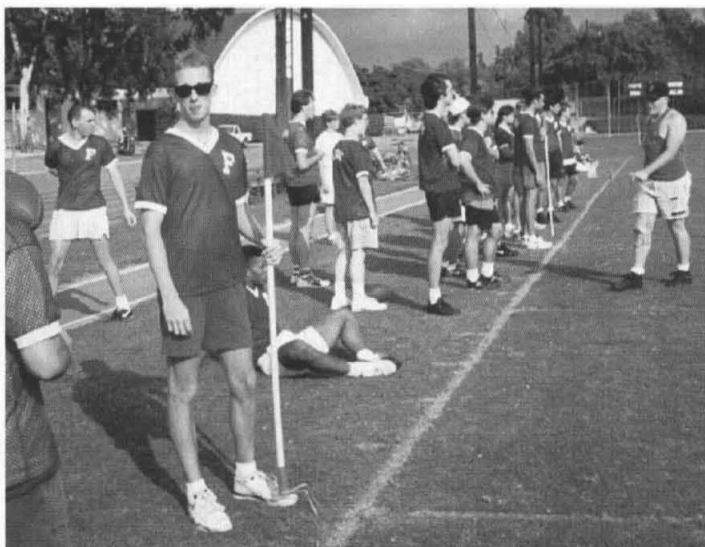
"Am I supposed to be playing football or running track?" wonders Jeff Dickert



See Bryce. See Bryce Run. Run Bryce, run!



Asif and Seth wonder where everyone went.

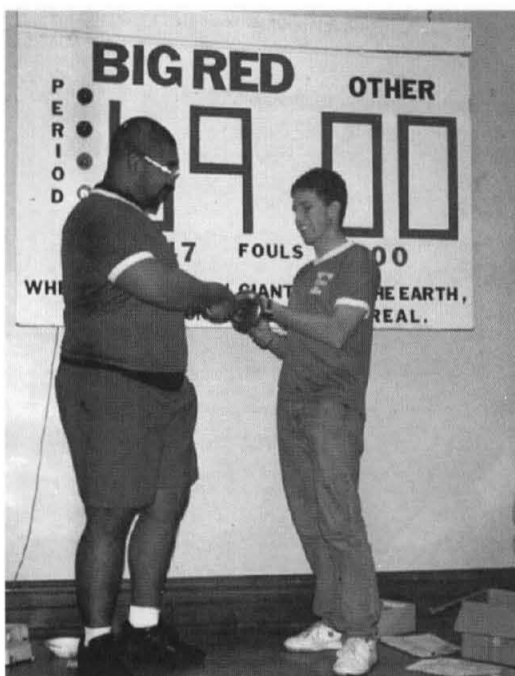


Coop wonders what he has to do with the pole in his hand as the rest of the crowd watches the game.



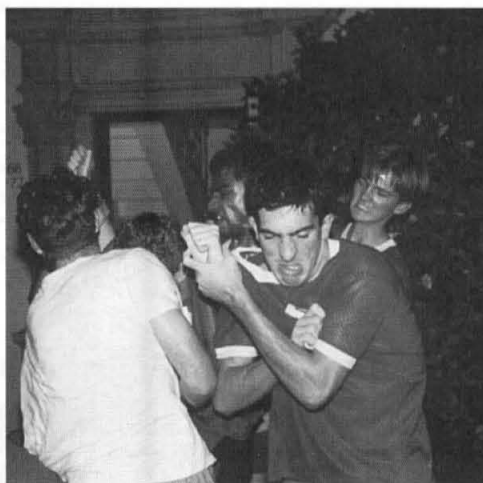
Stephanie, Penny, Blair, and Greg have fun at Whak-a-Darb.



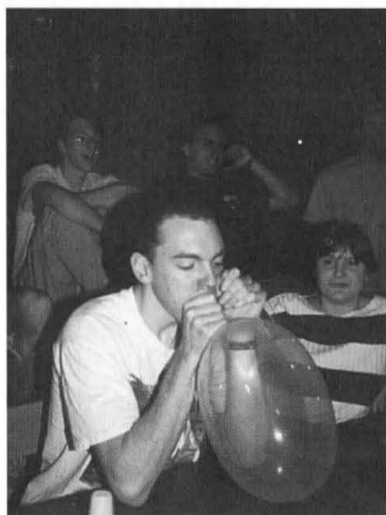
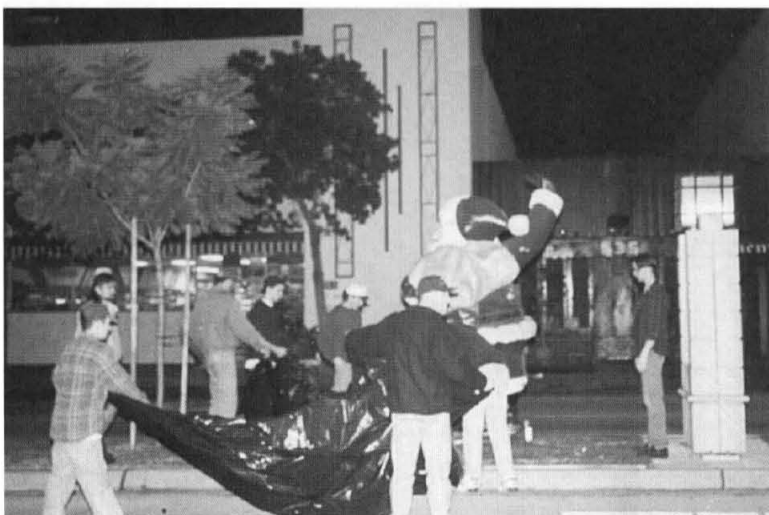
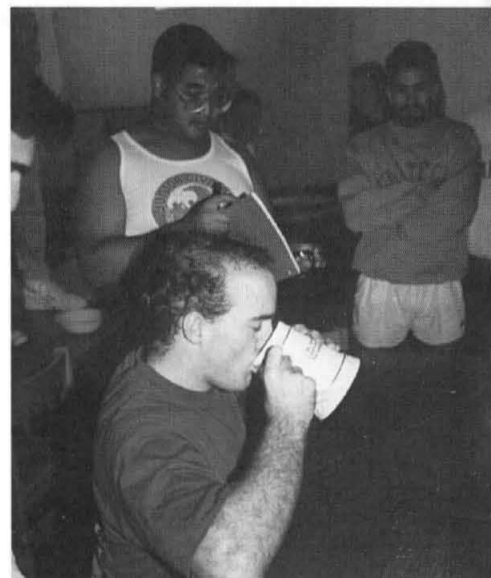


Give me my bell!

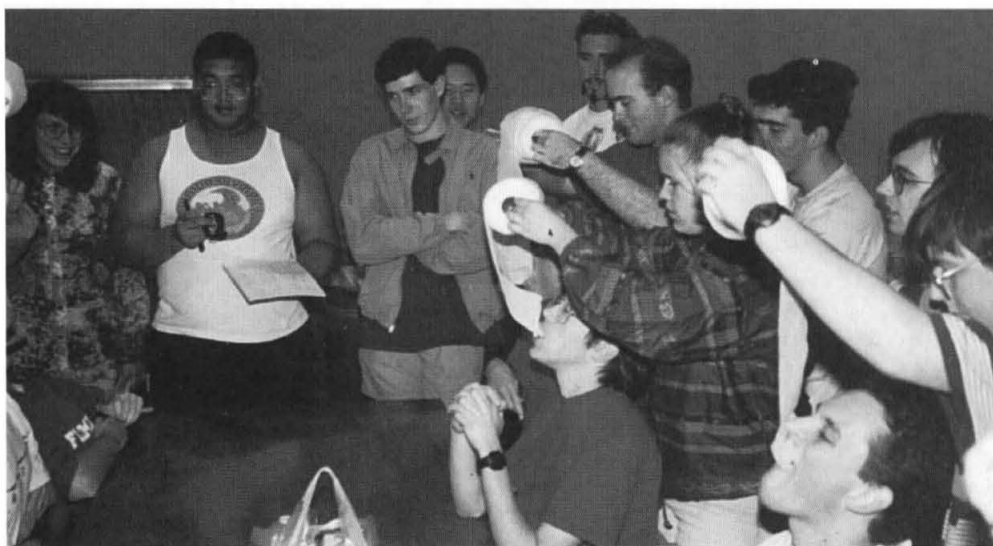
"Aarrghh!! You're coming with me!" exclaim Evren and Chris.



"I hope that Jeff doesn't puke on me," wonders John.

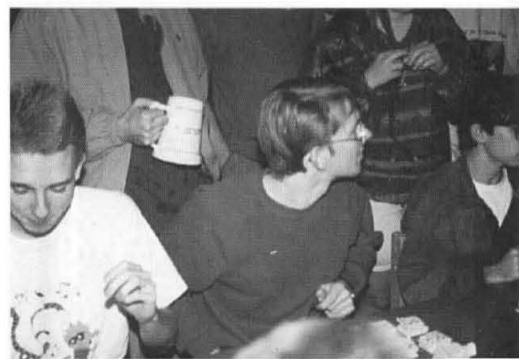


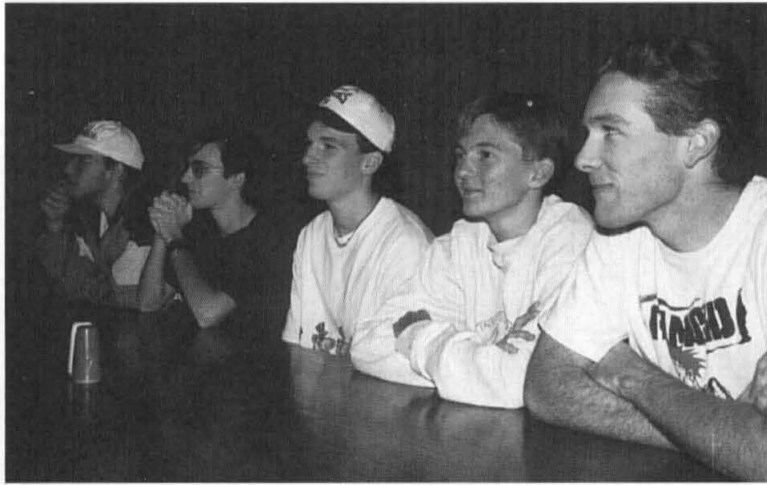
(left) Wait, are you guys supposed to be taking that Santa?  
 (middle) Hey Art!! Where's the needle?  
 (right) Matt makes sure that the "prisoners" get good music.  
 (below) I just hope that this isn't used toilet paper.



Tony and Paul carve a pumpkin as Seth and Tamara look away.

Remember to EAT the crackers, not throw them under the table.





Toufic, Mo, Greg, Chris, and Dave are all psyched up for Fleming Feud.



Forrest, Sean, Chris, and John all link hands for Hands Across America. .uh, I mean for a showering war.

Brother John thinks about the mysteries of life while Stacy molests Art.

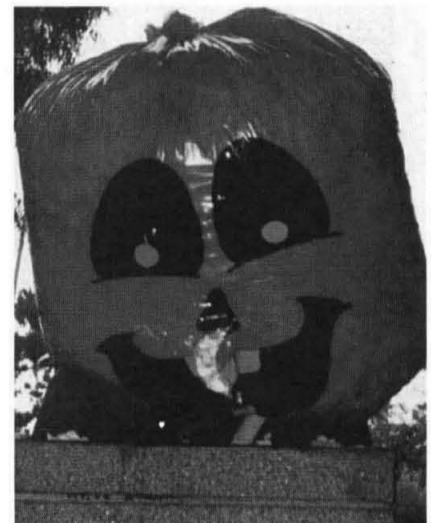


Seth finds a new place to do homework.



Keely, David, and Alan all prepare to show off their carving skill in the pumpkin carving contest.

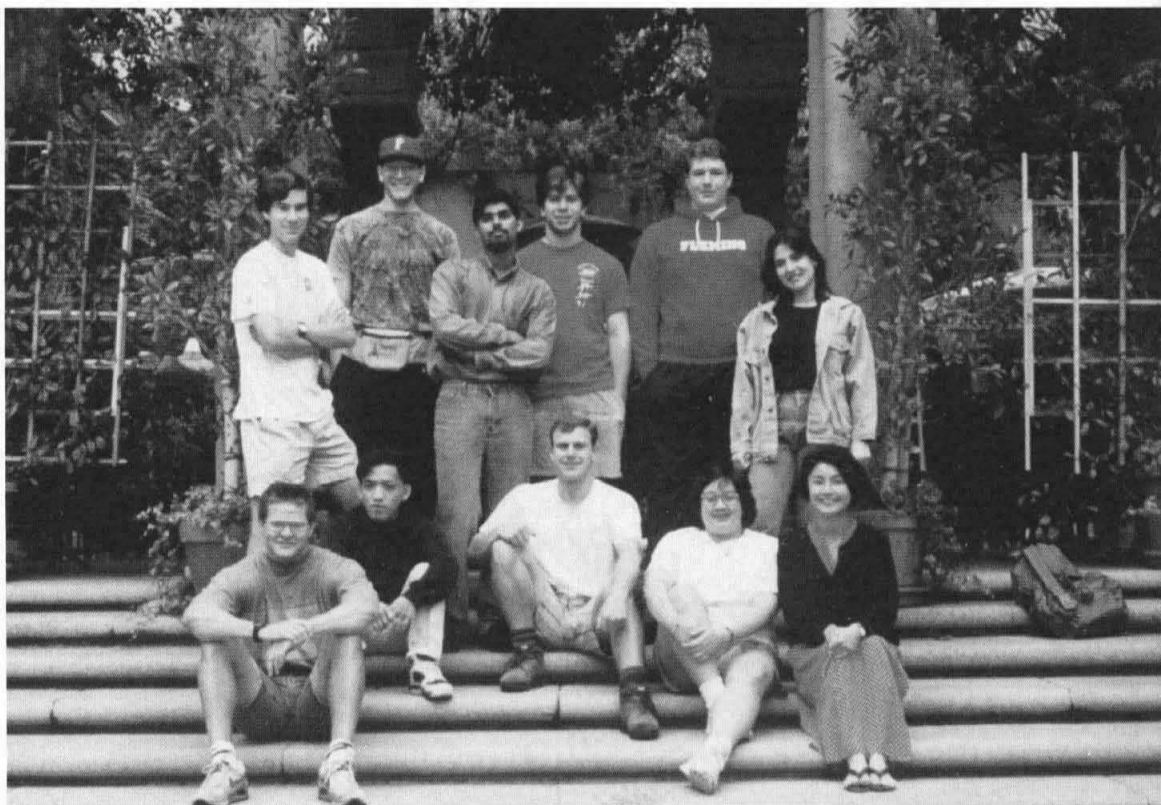
"Trick or Treat!" exclaims Millikan





# SENIORS

**Back Row:** Julian Jamison, Roger Moore, Asif Khalak, Forrest Long, Russina Sgourea  
**Front Row:** Ned Bowden, Kay Miyake, Greg Howes, Jennifer Miller, Wing Cheung  
**Not Pictured:** Sofia Akber, Hussein Ali, Jill Bush, Hootan Hidaji, Brian Kjerulf, Eric Loftsgarden, David Nichols, John Parks, Kathryn Sackett, Steve Sandberg, Timothy Wachholz, Steven Wilensky



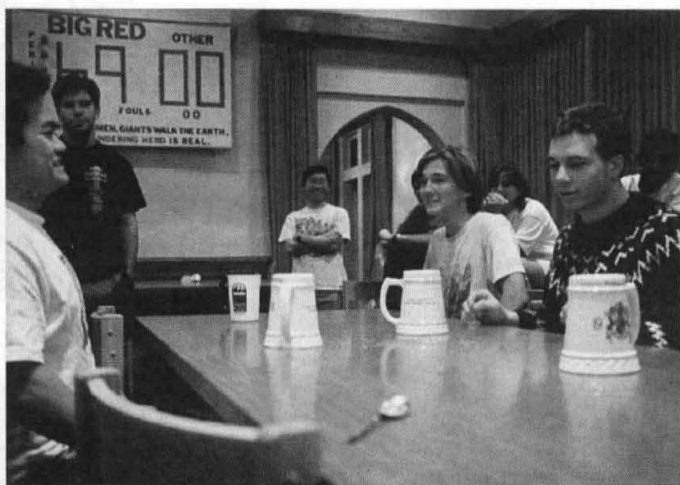
# SUPER SENIORS



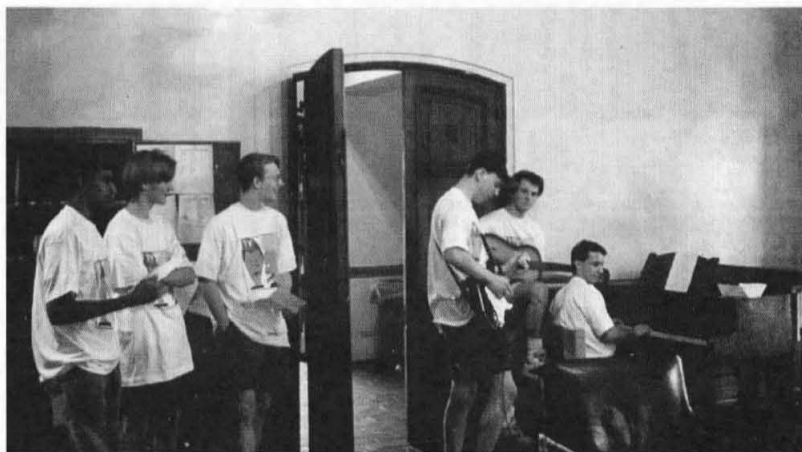
**Back Row:** Montgomery Scott, Sonny J. Arcilla, Pavel Chekov, Christine Chapel, Joe J. Chiu, Jessica J. Barnett, Quoc J. Pham, Sulu  
**Front Row:** Leonard McCoy, James T. Kirk, Justin J. Lawyer  
**Not Pictured:** Al Fansome, Kim Lumbard, Steve Hoekstra



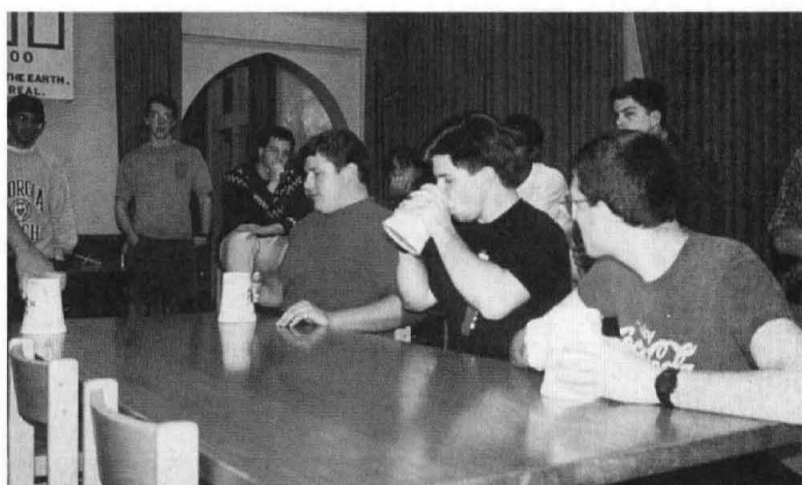
"Uh. . . What are we supposed to do?!?"



"Let's eat riiight.....here!"



The art of dog blowing.



## Fleming House 1993-1994

### SECTION EDITOR

Rajan Ranga

### ASSISTANT EDITOR

Brian Katon

### PHOTOGRAPHERS

Rajan R., Brian K., Jenny O., Gretchen L., Tamara T.



Lloyd



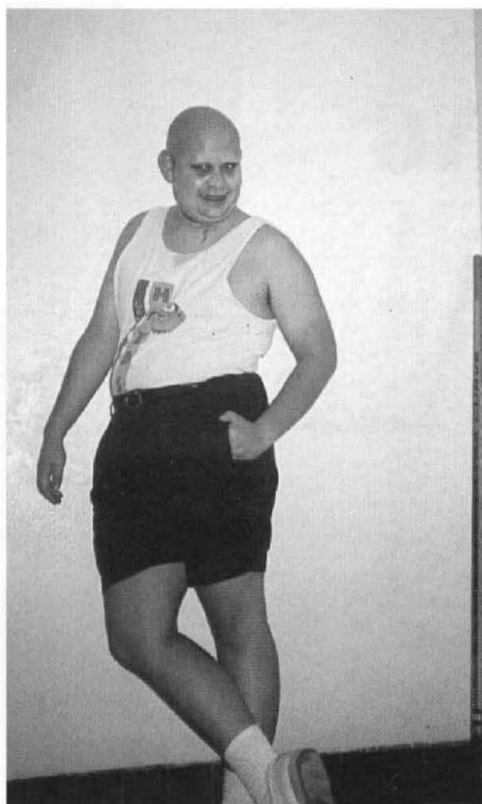
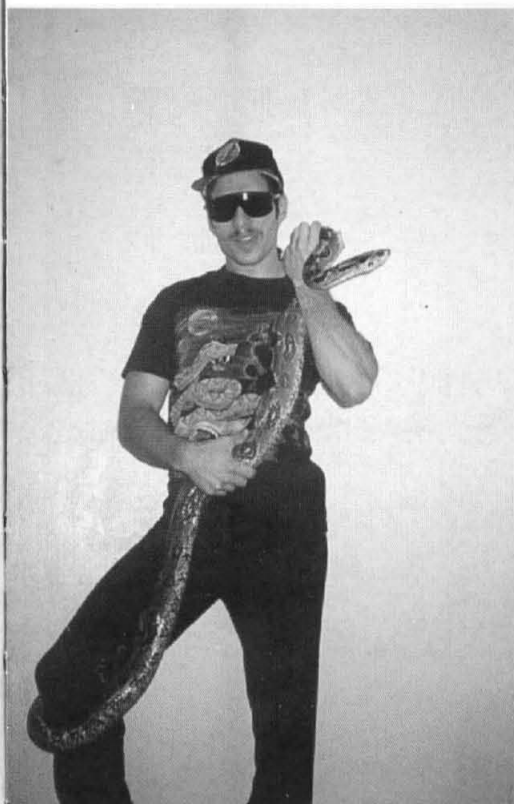
*Above*, "Crotch Ball," the second leading cause of Caltech dropouts.

*Middle*, Sometimes you want to go where everybody knows your name.



*Below*, What's the best house? The answer is written in the sand.





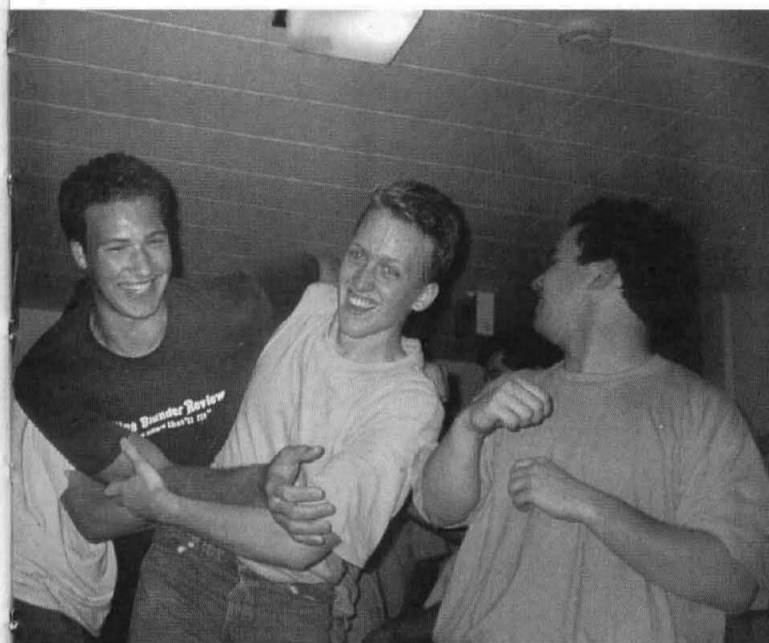
### *The freaks come out at night*

*Left, Mike Mulqueen and John Baker: from parts unknown....*

*Middle, Little known fact: these Lloydies were all once models for the electronic "Walk" sign.*

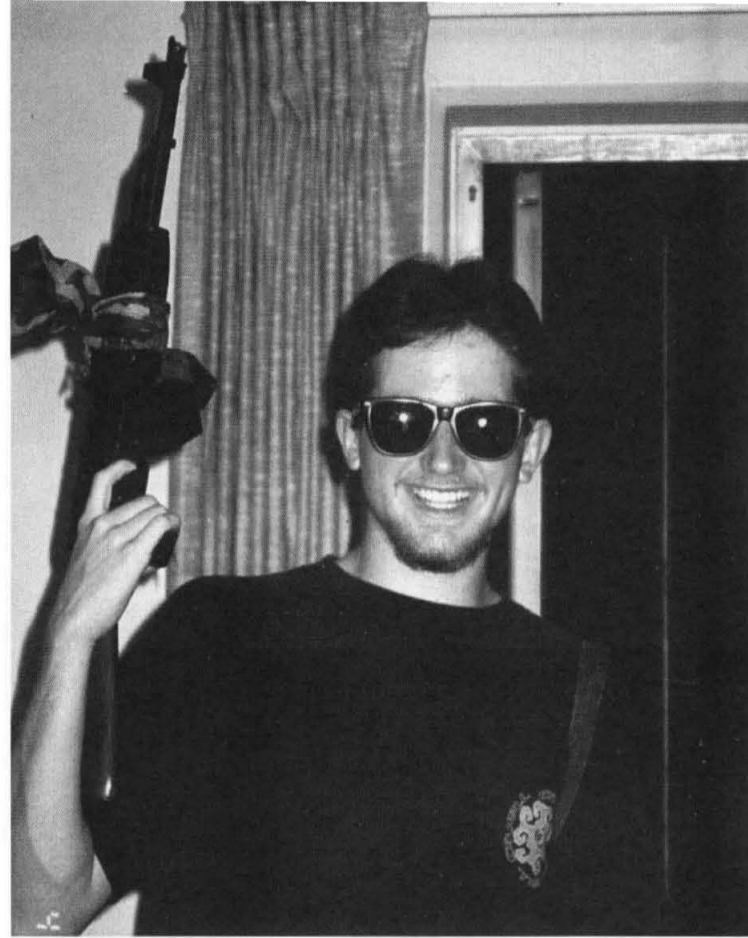
*Below left, Lloyd's first siamese twins, Karl and Scott.*

*Below right, The Iceman: Sonny rocks Headquarters.*





# WELCOMING THE FROSH



Before frosh got into Lloyd, they had to go through:

*(Clockwise):* "Da Funky Bunch" Z, Thanh-Nga, Rude Dog, Wendy, Walter, Jeff

"Tough ExComm Dudes" Mike, Keith, Eric, Lisa, Karen, the Elephant

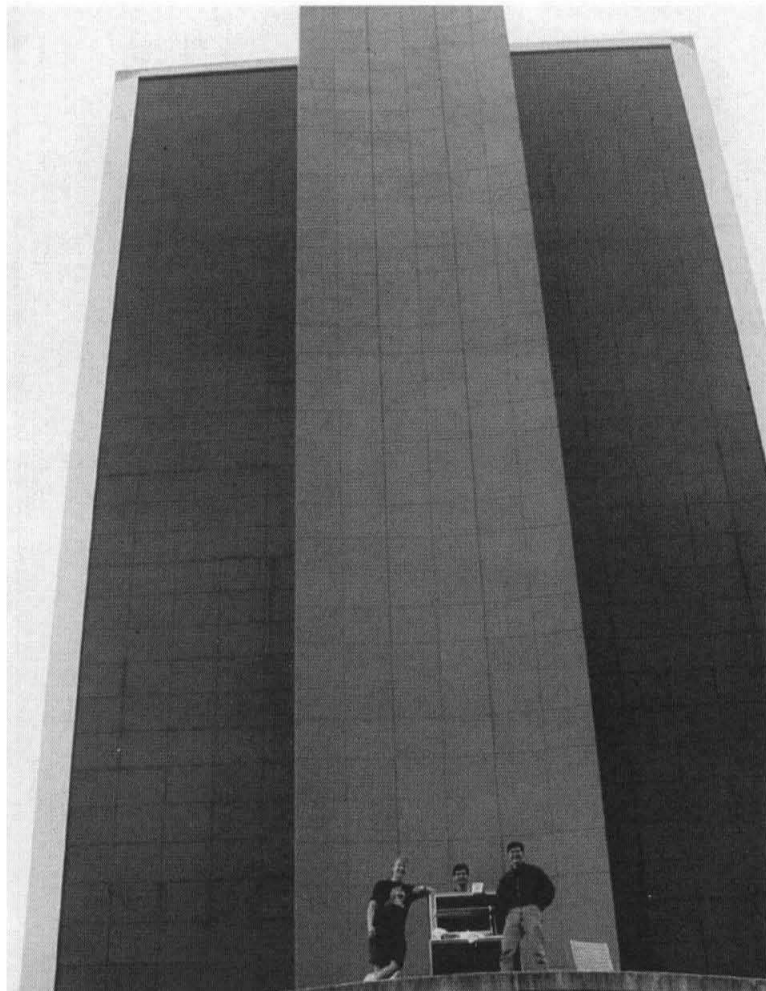
"Slayer" who smiles but carries a big stick

As Carlos found out, once you get into Lloyd, you can't escape!

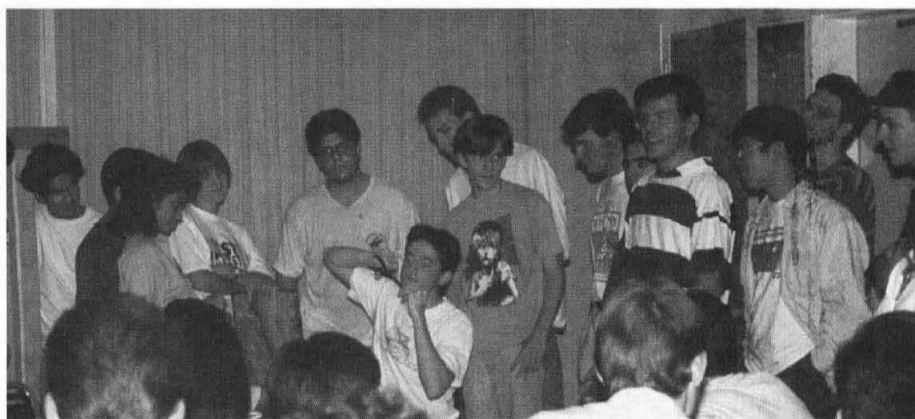
Senior-Frosh Breakfast was a little too early for Laura, who was caught napping



Ruddock's jukebox took a trip with Lloydies to Millikan.



Revenge of the Nerds: Karl, Steve, Mike, Brian, and Mina try their hands at stacking.



*Above*, "Cut it off, Eric!" President Eric Slayback loses his sign of manhood at the hands of frosh.

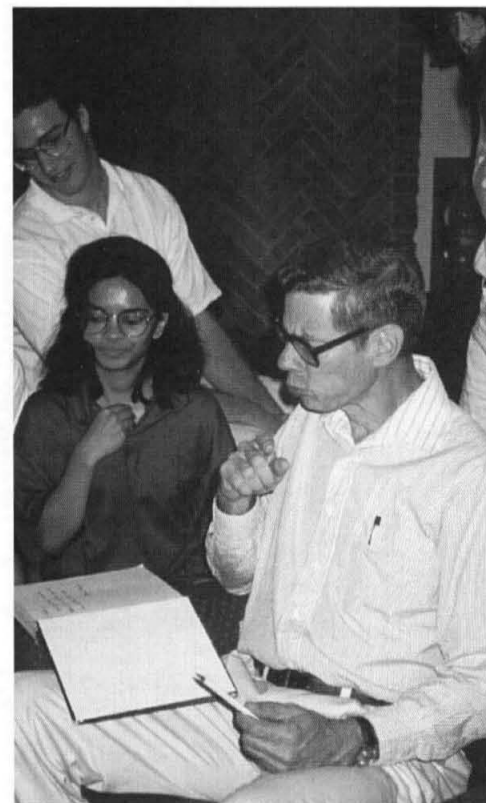
*Left*, What's the best house? The answer is written in the sky.



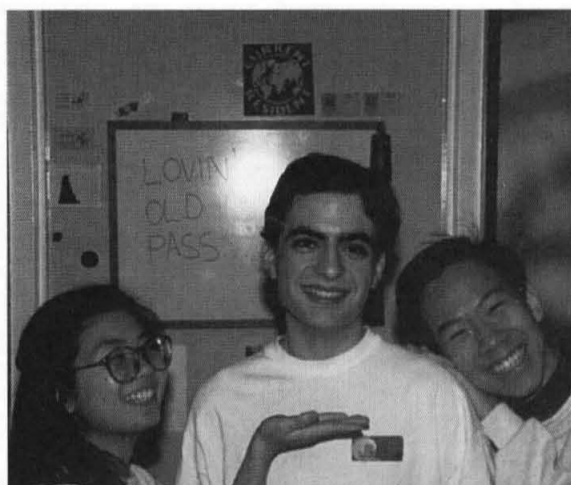


# FRESHMEN

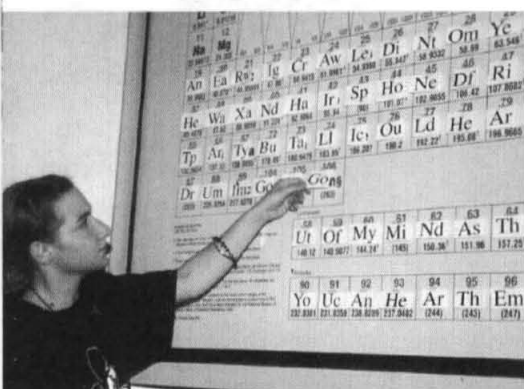
Mehrin takes Dr. Frautschi's words with a grain of salt. Karl looks on.



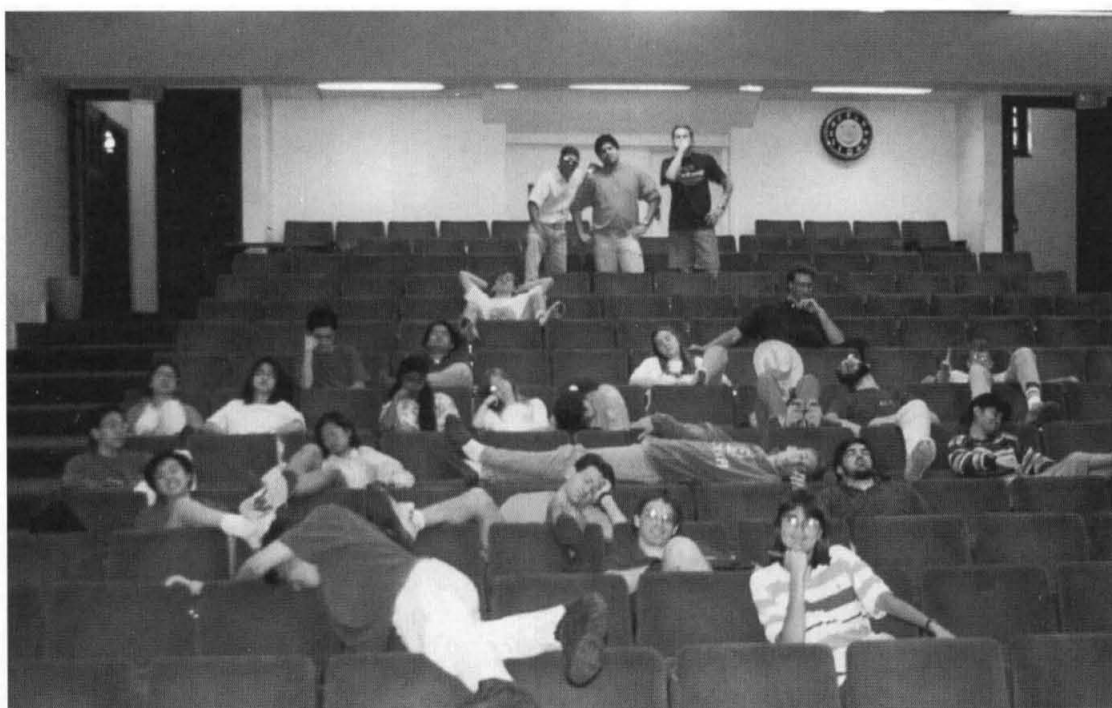
Mina and Peter give Nelson a newer and gentler look.



Frosh doing what they should: waiting to answer the phone.



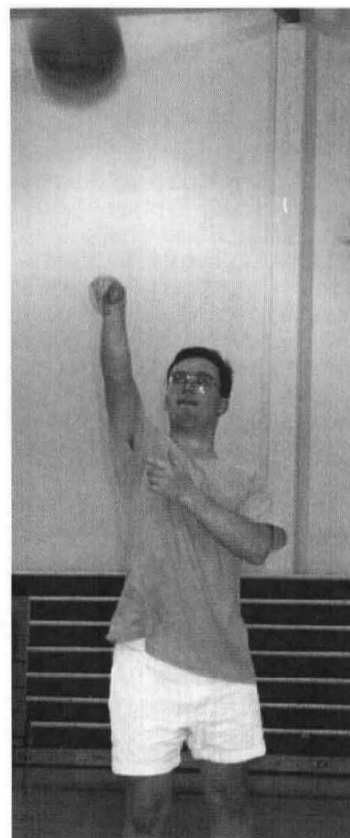
"Wait... something's wrong here." Tessa finds out that that's not the real periodic table.



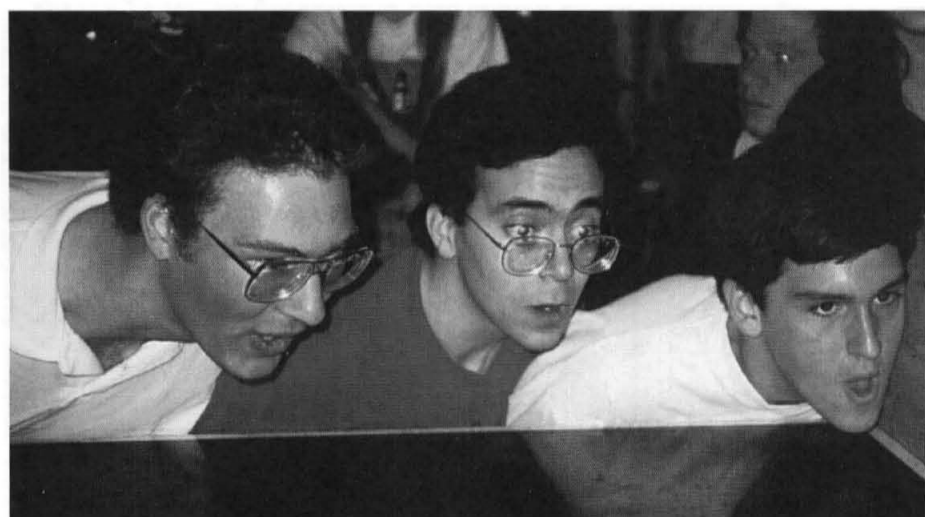
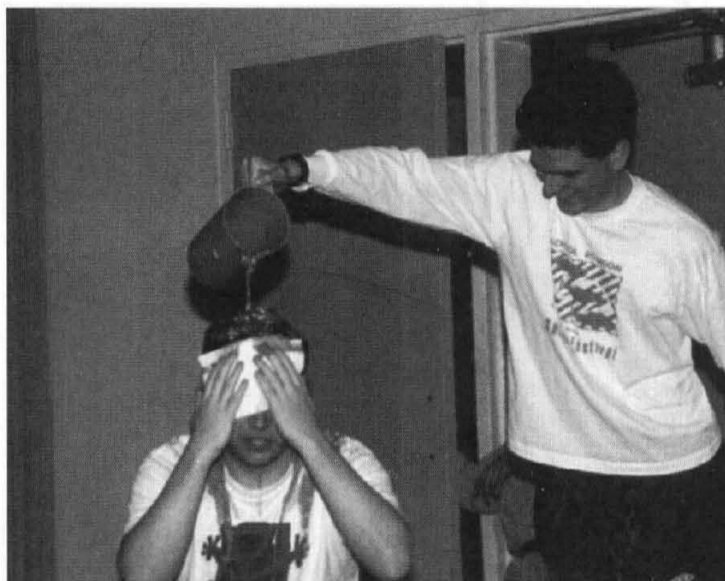
**FRESHMEN** Top to bottom, left to right Alain Inugai, Paul Rubio, Ken Kharma, Dave Relyea, Karl Thulin, Nelson Escobar, Carlos Maldonado, Rachel Weathers, Jeremy Gawle, Mina Leung, Connie Chang, Laila Periera, Barbara Weir, Laura Munoz, Micah Barclay, Mike Polucha, Peter Wang, Prista Charuworn, Sam Bauknight, Mehrin Masud, Ellis Meng, Steven Bennett, Mike Tice, John Langford, Tim Gunter, Lena Petrovic. *Not Pictured* Dan Azuma, Mark Neidengard, Kirsten Nelson, Tessa Miller.

Lloyd frosh at Chem 1 on Ditch Day.

**SOPHOMORES:** *Top, left to right* Nathan Weller, Andy Monroe, Brian Winters, Mike Agney, Zoltan Somogyi, Anatole Faykin, Walter Briskin, Nestor Ocampo. *Middle* Thanh Nga Tran, Jane Brock, Dave Richard, Eugene Grayver, Rob Chapman, Sara Russell, Tom Maccarone, Alison Sopher, Laura Brady, Bob Keeney, Jose Hurtado, Sanjiv Shrestha. *Not Pictured* Soon Chua, Jeremy Darling, Jordan Hague, Mits Kobayashi, Jason Kuan, Charles Lee, Tiffany Lee, Jeff Mach, Brian Riley, Hunyue Yau, Inn Yuk, Jian Zhang.



# SOPHOMORES



*Top to bottom, left to right:*

1. Do you want me to shoot? "No!" Do you want me to pass? "Yes!" A familiar sight during Interhouse basketball: Tom Maccarone takes a shot.
2. The real voices behind Milli Vanilli: Rohit and Walter. Stephanie Bennet sings "I touch myself. . ."
3. "If you can't stand the float, then get out of the kitchen!" Brian Winters on a power trip.
4. "Oh my gosh, it's coming back!" Karl, Andy, and Nestor in a grueling blow-pong match.



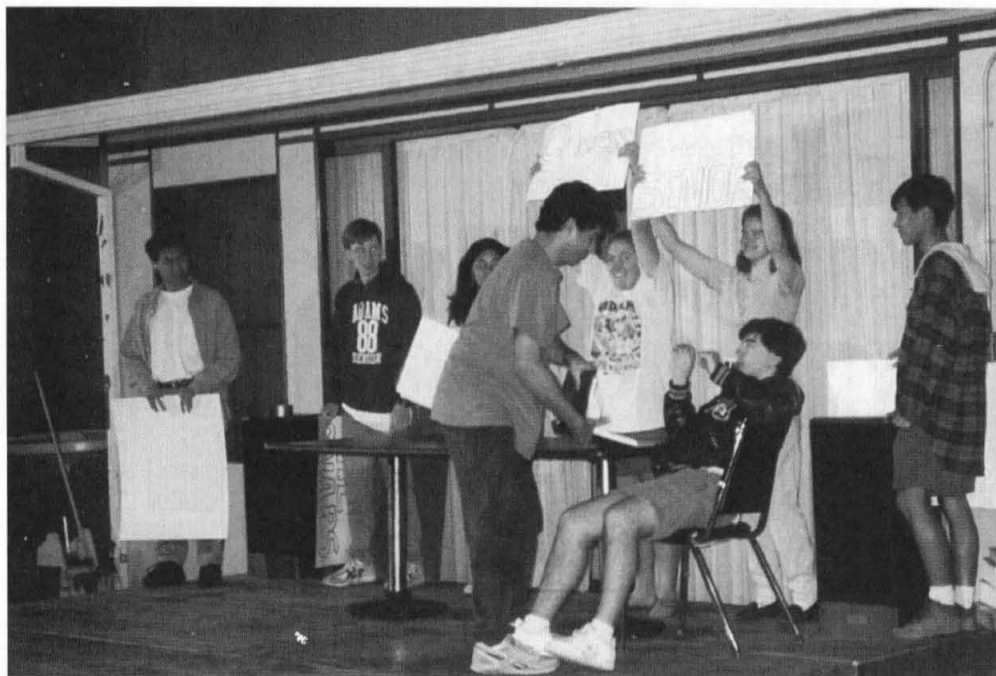
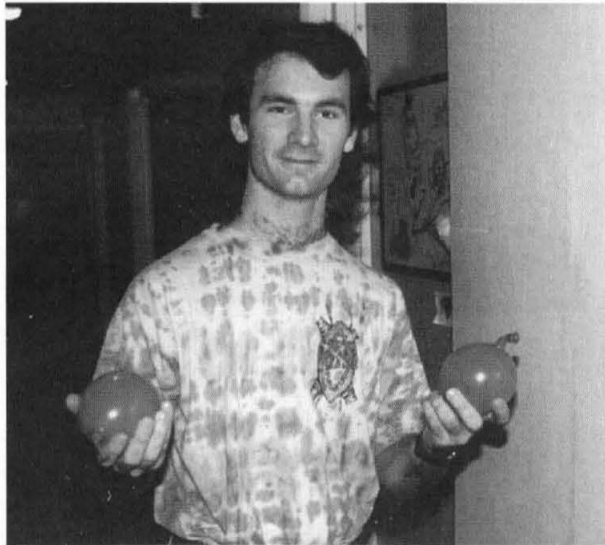
# JUNIORS

**Juniors, left to right:** *Standing;* Tuan Hoang, James Holtan, Mike Debar, Scott Van Essen, Farid Khan, Greg Davis, Anthony Gonzalez, Mike Pawson, Magnus Hedlund, John Baker. *Sitting;* Tom Zavisca, Alix Chen, Lesley Preister, Pilar Perez, Amy Pemberton, Heather Gobble. *Not Pictured;* Ginger Garcia, Lanny Hsieh, Rohit Khare, Janice Lau, Linh Lu, Andrew Maskiell, Kay Saipetch, Theo Seales, Attma Sharma, Charles Sharman, Shiyin Siou, Eric Slayback, Tommy Smith, Thanh Truong, Lianne Wong, Jun Yang.

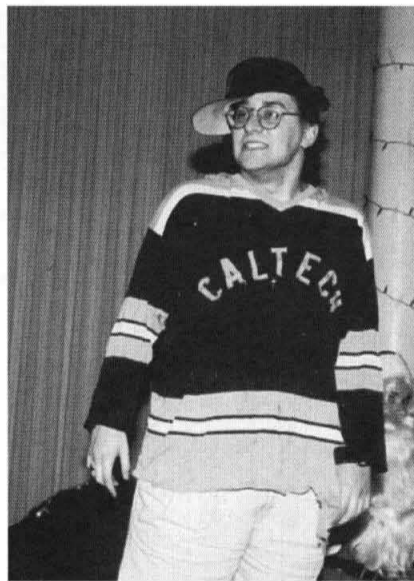
Where's Walter?



*Left to right, top to bottom:*  
 1. James Holtan finds another use for water balloons. After all, he is not only the president of the Sour Bachelors' Club, he's also a client.  
 2. "Welcome to Lloyd House. Come any closer and I'll blow your head off!" Anything you say, Martha.  
 3. Jun Yang devilishly smiles at Steve Skovran as she is about to take the pot.  
 4. Tommy Smith feels the pressure from Mike Pawson and the Off-Campus Posse.



# SENIORS



*Top to bottom, left to right:*  
 1. Blow-pong champs from "Head" Alley: Keith, Dan, Hyong, and Brian. Dan "The Hoover" Rudisill demonstrates winning techniques.  
 2. "Sataaannn!" Brian Landy prepares to take over the Christmas Party as the Secret Satan.  
 3. "One More Term. Please let me pass!" was the battle cry as the Class of '94. Lavar, Dan, Sonny, and Lisa are ready to cut some throats.  
 4. "It's a bird. No, It's a plane. What the hell is that thing?"



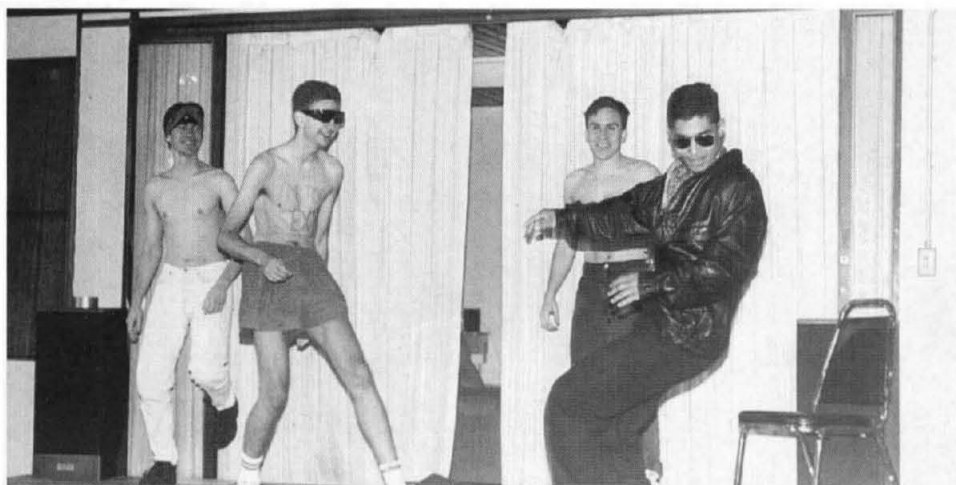
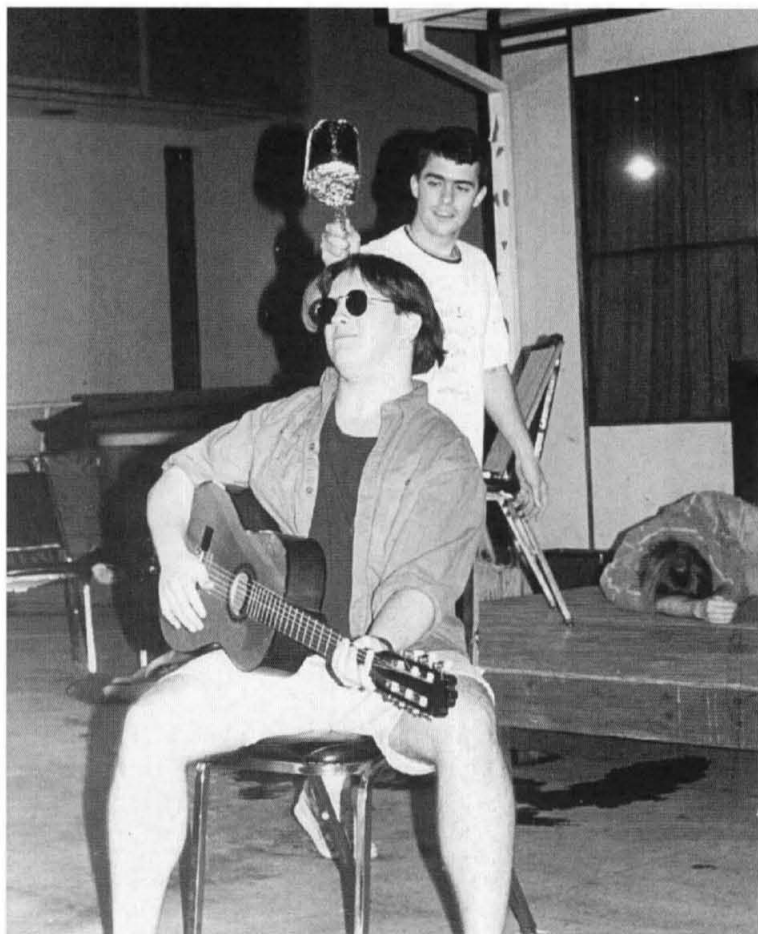
**SENIORS:** *Top, left to right:* Brian Landy, Sonny Ngyuen, Dan Rudisill, Doug Rowland, John Haba. *Bottom;* Craig Smith, Don North, Christy Esau, Shaun Carstairs, Lavar Moore, Keith Schneider, Wendy Belluomini, Chris Ward, Hyong Lee. *Not Pictured;* Peter Carlin, Mike Clemens, Ted Kanamori, Sanza Kazadi, Frances Kim, Albert Lee, Vania Lee, Dan Millward, Lisa Moesker, Jong Moon, Mike Mulqueen, Edwin Murakami, Karen Shih, Quentin Travis, Sam Webb. Paint thinner, the senior class' preferred drink.  
*Editors' Note:* Craig, get a life!



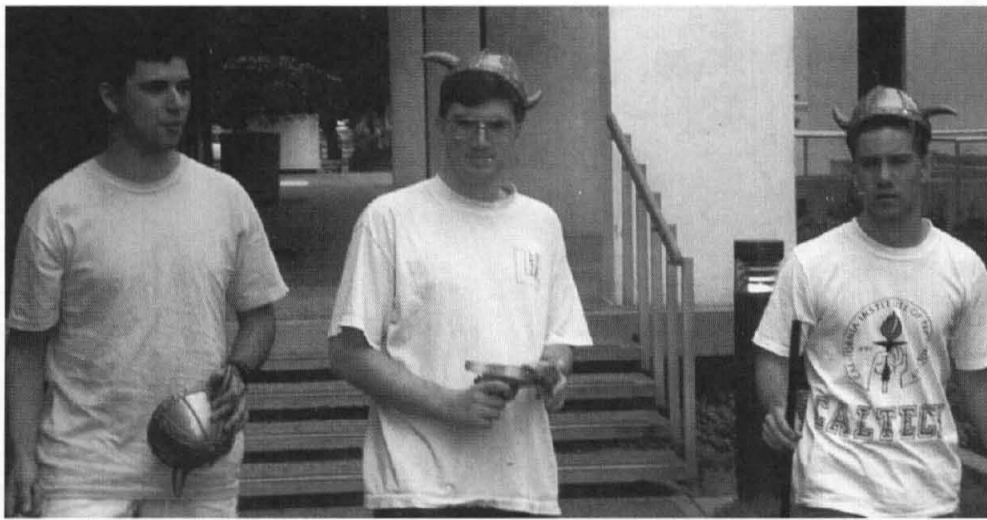
# AIRBAND



Above That's Ellis and Prista, but who's that funny looking guy in the middle? Right Nathan "Maxwell" tries to stop Jeff's guitar palying with his Silver Hammer.



Above, left Tim Walter, and Tom are "too sexy" for their shirts. Alain is knocked out by the B.O. Above Steve-O Wonder and Ice Ice Kharna, apparently confused, show off their legs. Left Lena Does Lloyd.



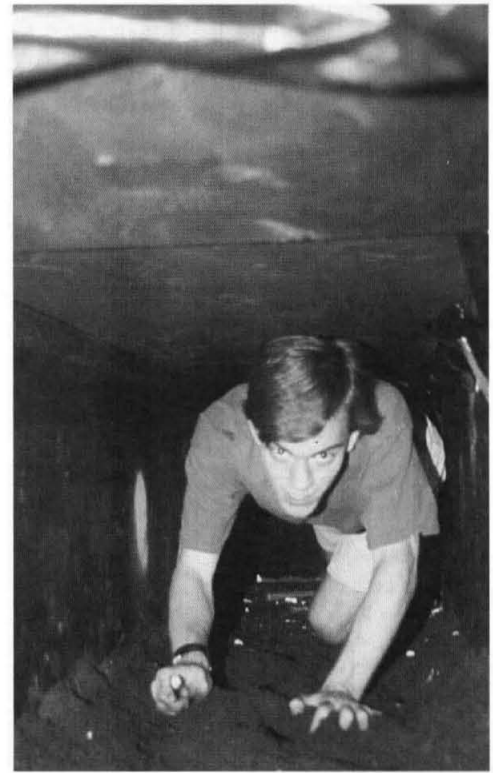
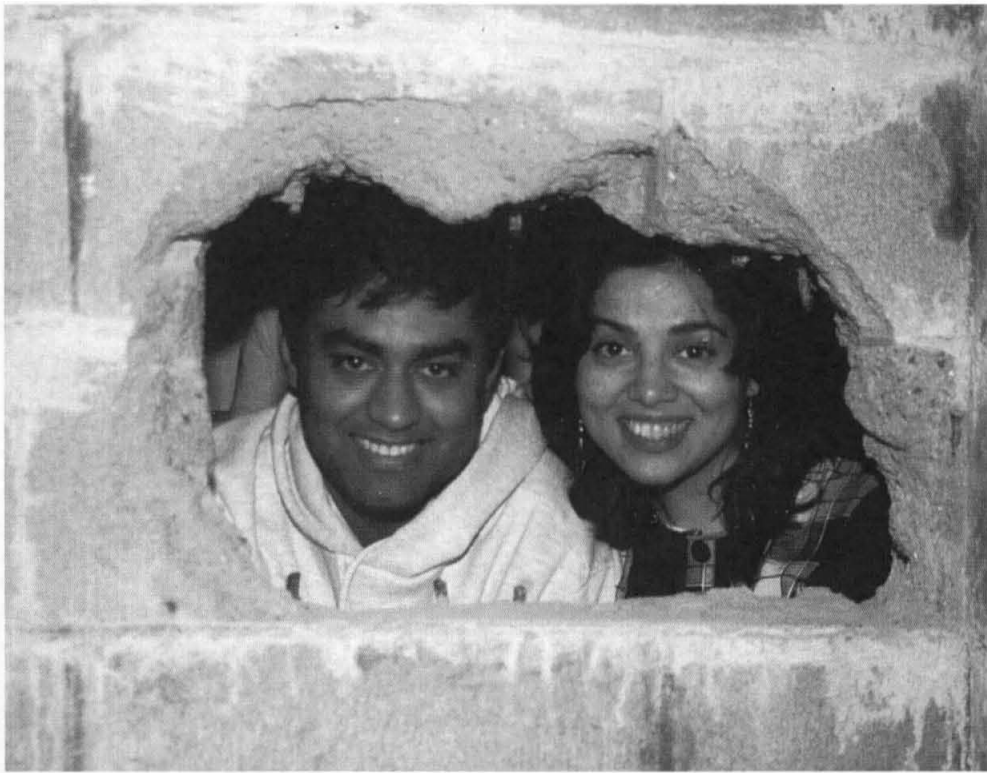
*Left* Talk about some Lost Vikings: Mike, Tommy, and Bob at the Millikan Library.

*Middle, left* Shubha and Sandip are trapped behind the Stooges' Wall'O Cement.

*Below* Dave Relyea can almost see the light as the end of the tunnel. . .

*Bottom left* Karl catches Attma with a copy of Playboy Magazine.

*Bottom right* Scott torches through the chains.



# DITCH DAY







Above, right: "Hey guys, want to read your Horoscope?" Bob Keeney pauses to read while Scott and Laura build on. Above, left: What a masterpiece... Lloyd dining hall feels the chill of the Arctic Blast.

Right: John, Greg, Ken, Alain, and Chuckles are among the shady characters at Casino Night.

Below, left: Lloydies huddle together at the Beach Trip while Jeremy sticks his head in the sand.

Below, right: The red wire is connected to the black wire. Sam, Jeremy, Micah (micahmicahmicah), and Nestor get ready to rock "The Ride."



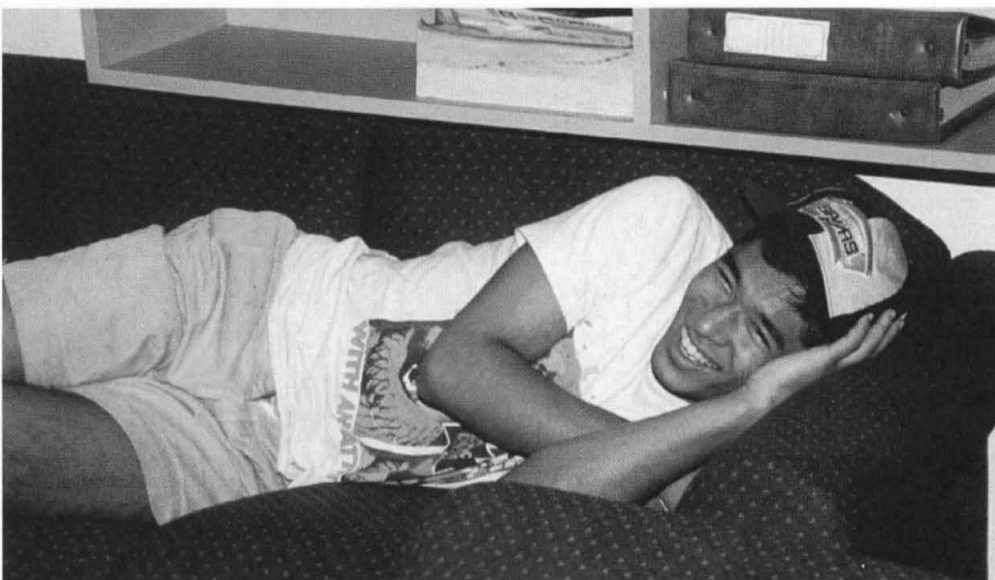


Left: Revenge of the Frosh: Steve leads a water assault against ExComm.

Left, middle: "Hey, don't laugh at me!" Alain is embarrassed to be caught napping in Lower Crotch.

Left, bottom: Boom-Shaka-Laka! Craig turns on the turbo on his way to a power dunk.

Right, bottom: The two Tom's show how defense is played. Z concentrates on the ball while Clue-Boy lambadas with the Scurve.



Percentage of surveyed undergraduates responding "YES" to the question:

"Did you lose your virginity at Caltech?"

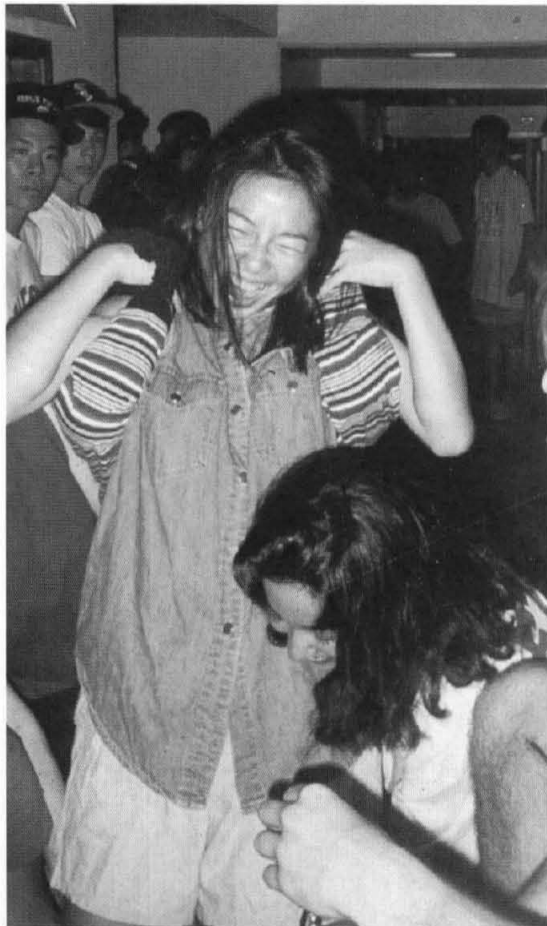
16%

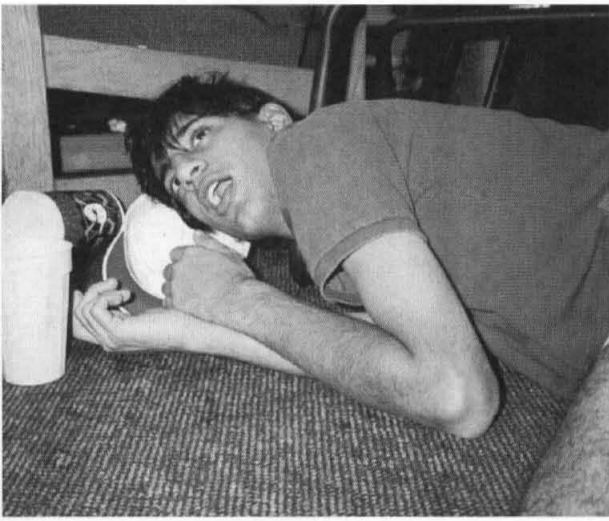
Based on 411 responses.



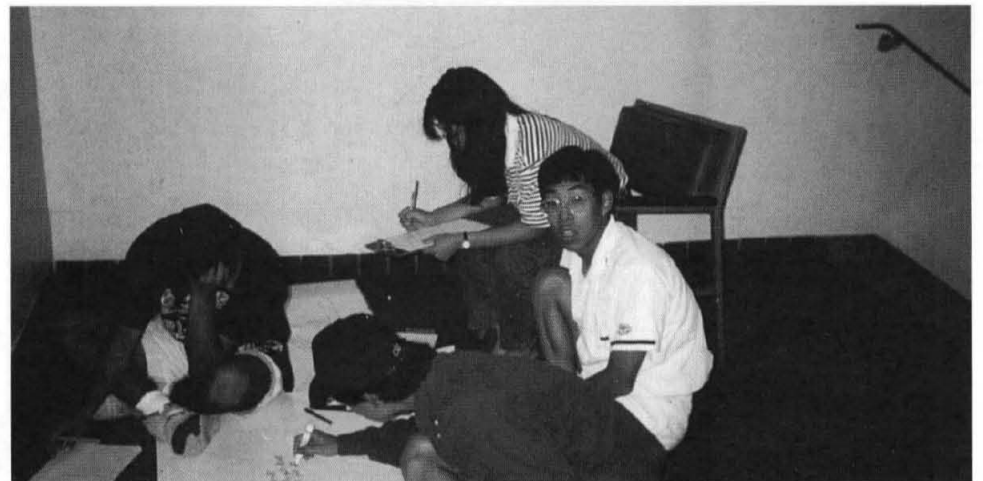
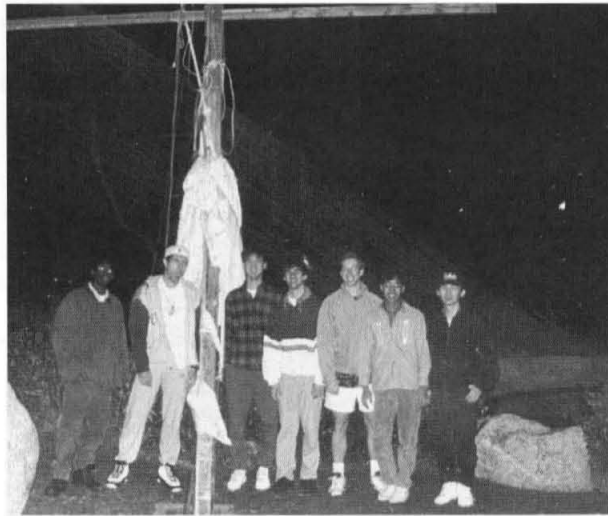


Page





One word describes the **Page** frosh this year - incredible! Although many times we thought they might be throats, they always managed to do things to show us just how cool they really are. It all started at the end of Rotation, when the frosh (like **Mallory**, opp, bott L) and our new RAs **Dave** and **Gabby** (opp, bott R) got showered into the **Page**. The sophomores showed their superiority over the frosh by showering many of them throughout the next week, such as **Albert** (bott L). Then came the frosh elections with **Arlene** victorious as Beer Frosh (opp, top). Greased Frosh was ultimately won by default and an exciting game of ultimate followed (top R). The frosh worked together to build Roman Intrahouse (midd L) and later took an OPI mast (midd R). Once again, the frosh traveled to Mt. Wilson (below) to trek back through the wilderness, only to end up having some ice cream later (opp, midd). And we all learned from **Anu** what vodka can do to a thin man (top L). But the thing we will all most likely remember will be **Terry** helping our frosh to get good grades in both math and phys (bott). May the next three years turn out as well as this one for our **Page** frosh!!!





# THINGS WE WILL NEVER

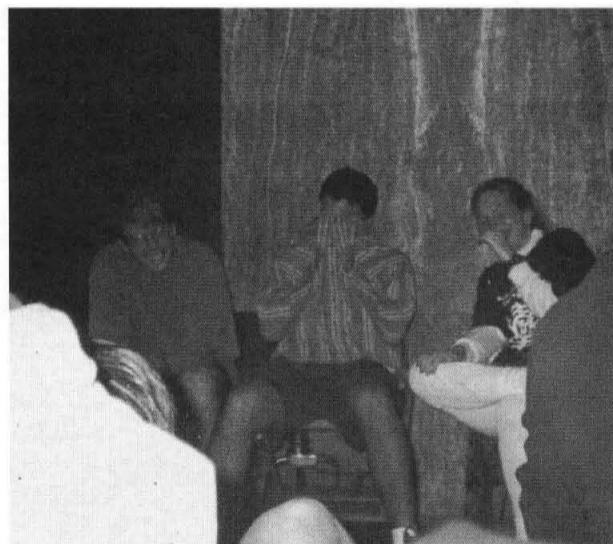
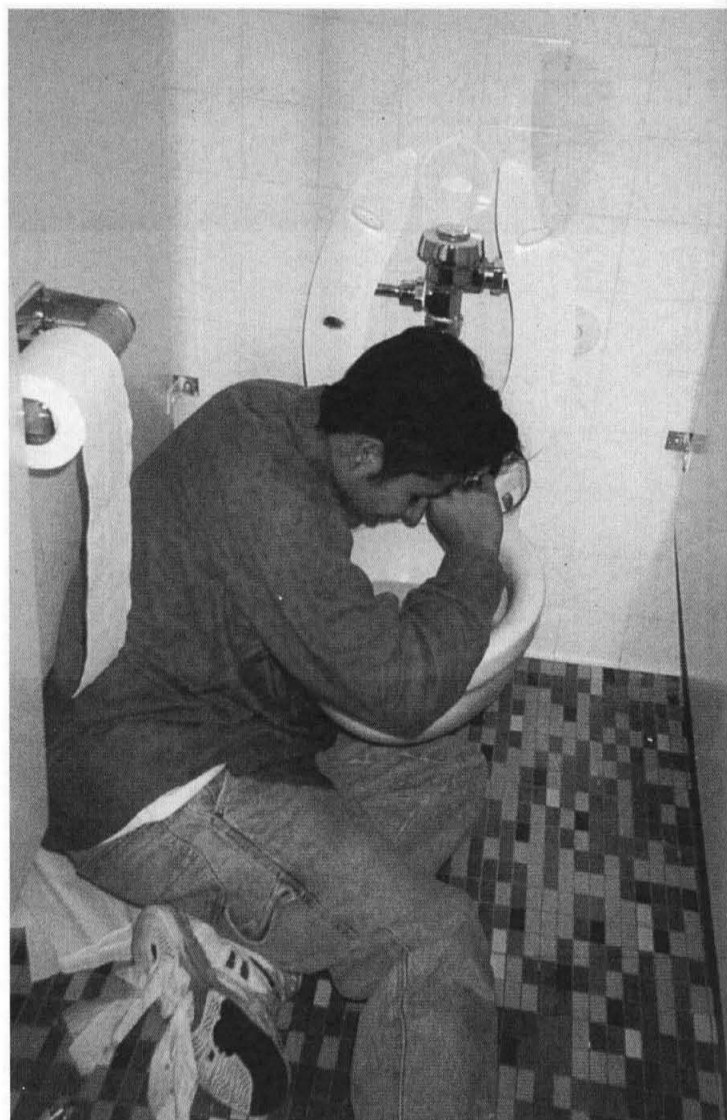
top left: **Stein Day** at Santa Anita brought many memories — and stitches.

top right: **Greene**, how many times do we have to tell you that you're not a land animal?

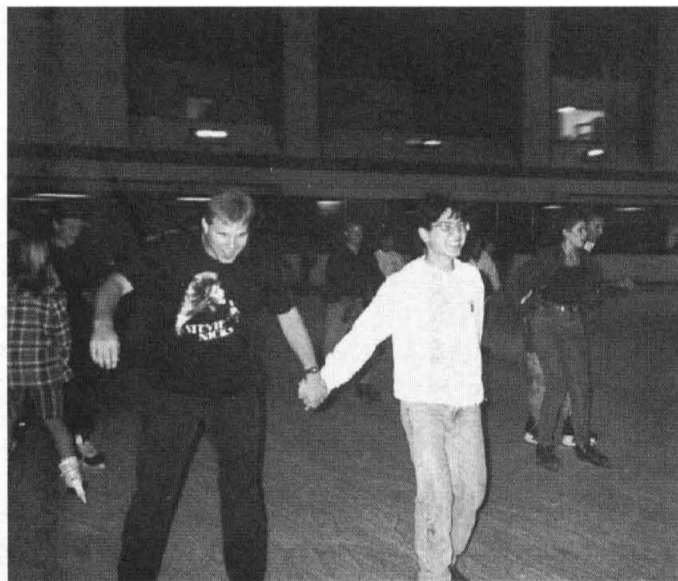
middle: The "No Tits" rule for the waiting staff was lifted for one huge exception — **Lydia**.

bottom left: **Vogel**, there are more efficient and cleaner and less embarrassing ways of masturbating than on a skateboard.

bottom right: **Albert** spends just a couple more minutes in the women's restroom reflecting over his night.



# EVER, EVER, EVER FORGET



top left: **Joe** and **Bryce** taught us all the meaning of true love during the couple's skate.

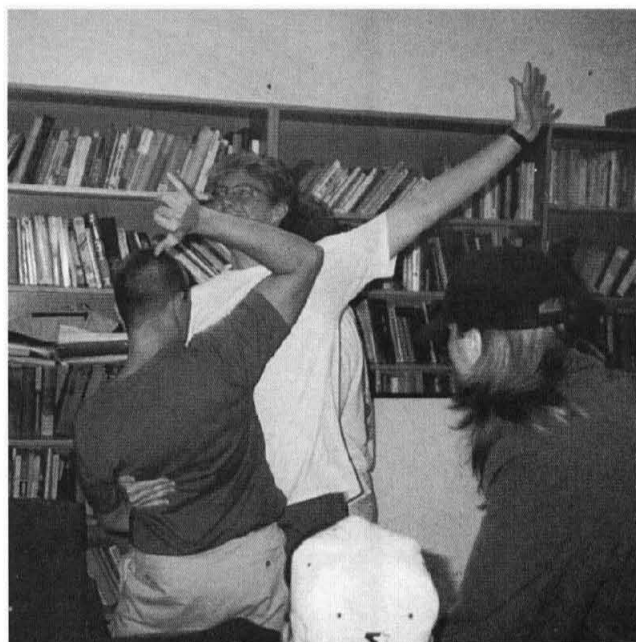
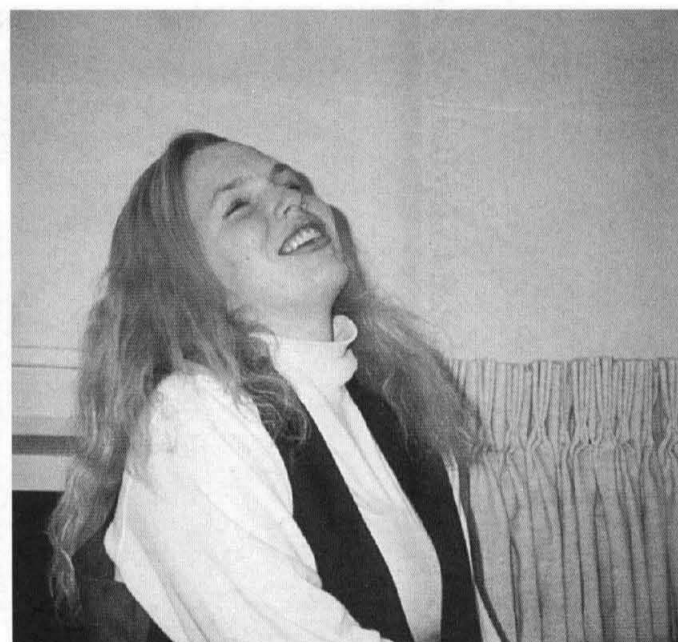
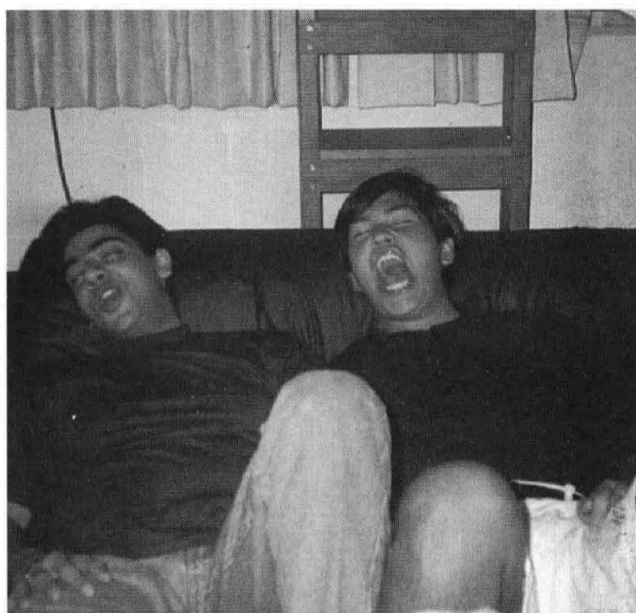
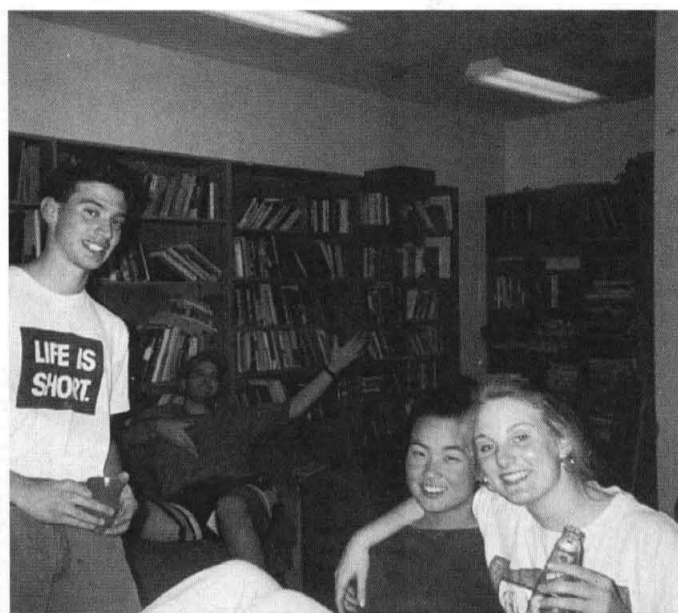
top right: **Vogel** decided that it was worth \$200 to come on **Jason's** face.

middle left: **Ki-Young** and **Jen** were completely oblivious when **Eddy** decided to show us all he has. There you go!

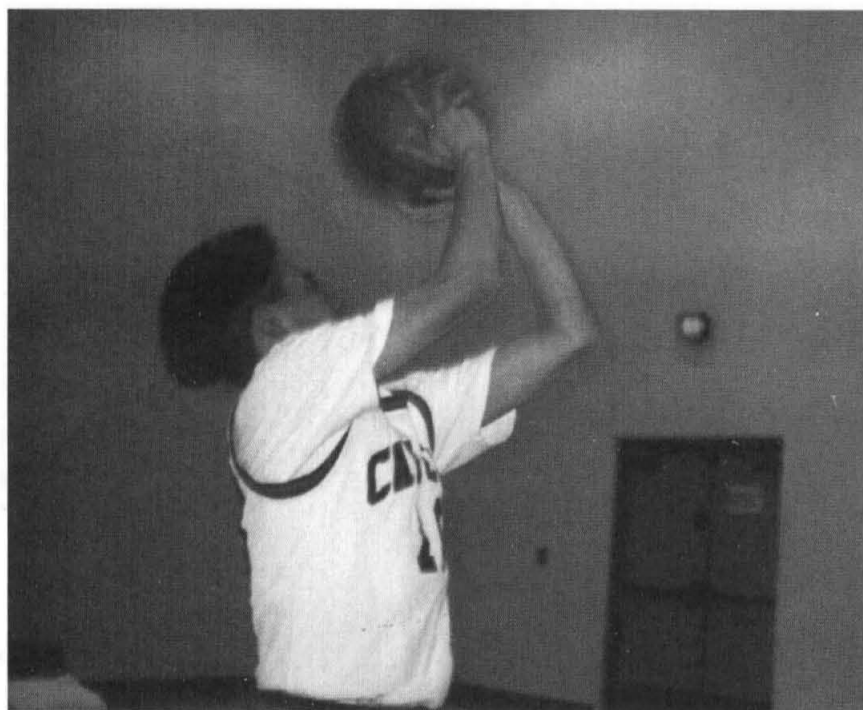
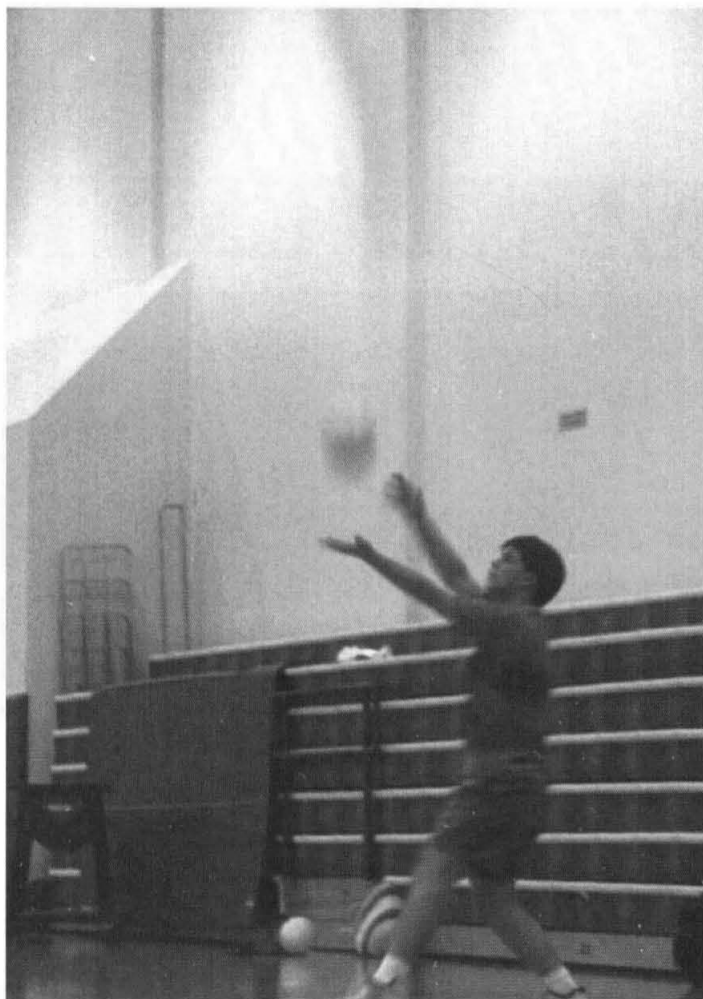
middle right: **Amit** and **Mike** sing us a song.

bottom left: Our beloved ASCIT President **Angie** showed us what it's like when she has an orgasm.

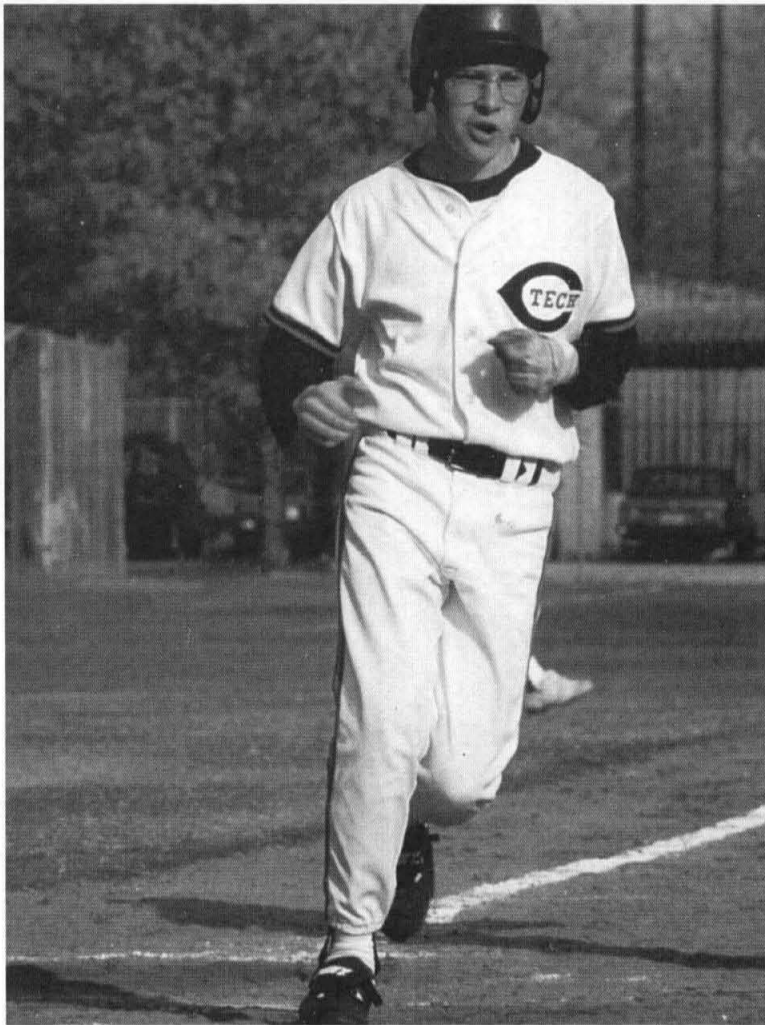
bottom right: **Derek** and **Greene** show off their dancing abilities in the Beer Room. Damn you, **Greene**! Stay in the water and you'll stay out of trouble!!







# ATHLETICS



opp. page:  
 top L: Jarvis pushes his away a Flem during our domination of ultimate  
 top R: Brian shows us his incredible serve  
 mid. L: Danny mystifies everyone with his shot  
 Bot. R: Once again, Eric impresses us with his diving  
 bot L: K-Y runs to victory  
 this page:  
 top L: Greene scores!!!!!!  
 below L: Our beloved President displays his amazing speed and ability on the soccer field  
 bot R: Dave crushes an opponent  
 bot L: Geoff finally makes it home



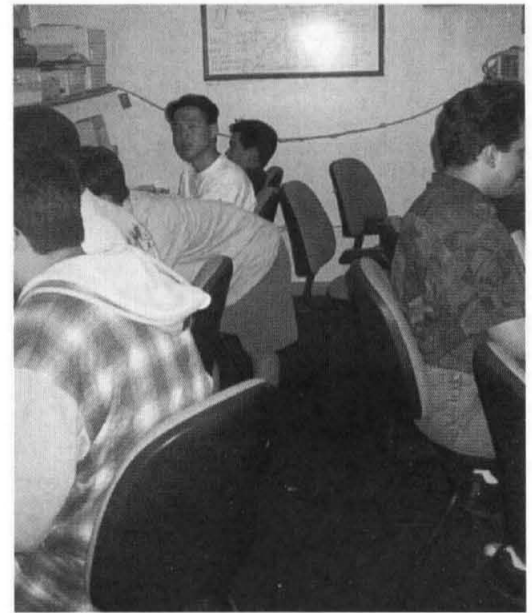




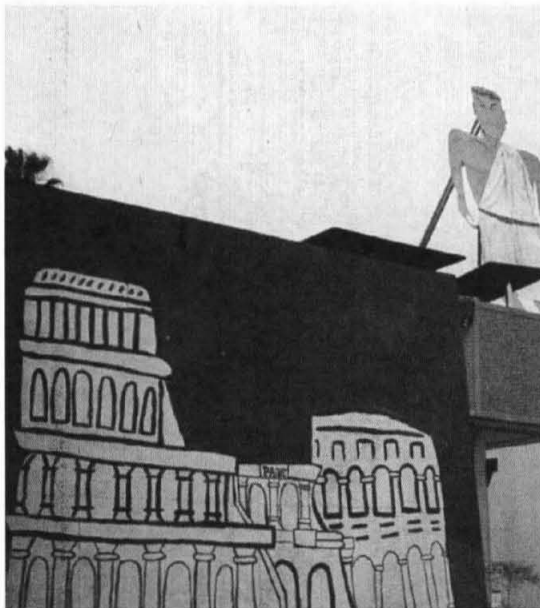
Brian, Alan, Monica, Finny, Bethy, Ewald, and Gilbert at the weekly Page House Bible Study



Eddie shows off his snow boarding skills on the ski trip



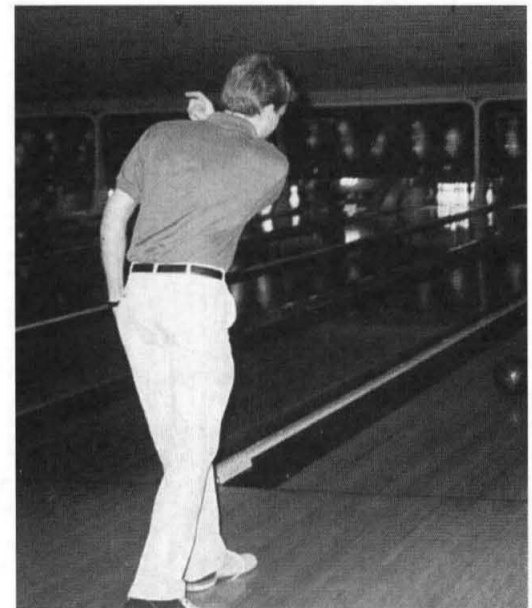
The most social place in the House — the computer room



Megabastard returned at Roman Intrahouse



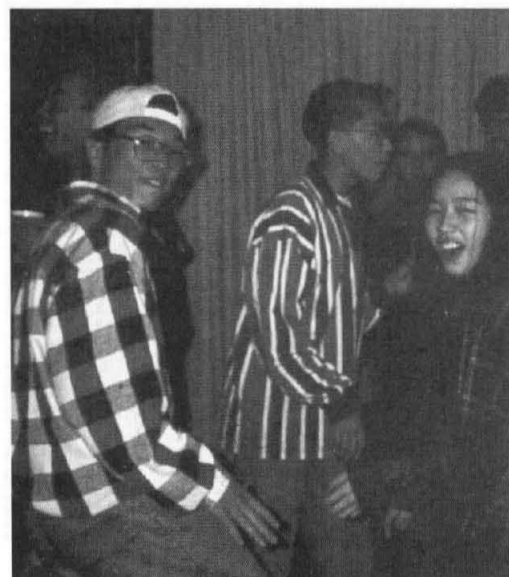
Eric, Amit, Tom, Janis, Jeff, and Frank on the spring break Baja trip



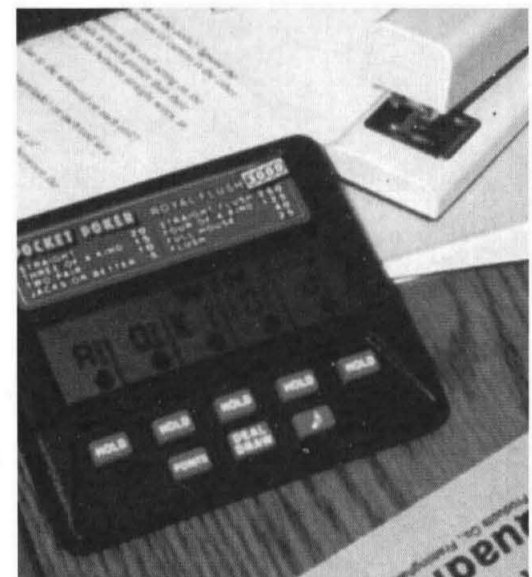
Derkits, the ultimate bowler



Dean and Gina celebrate her 18th birthday.  
How Cute!!



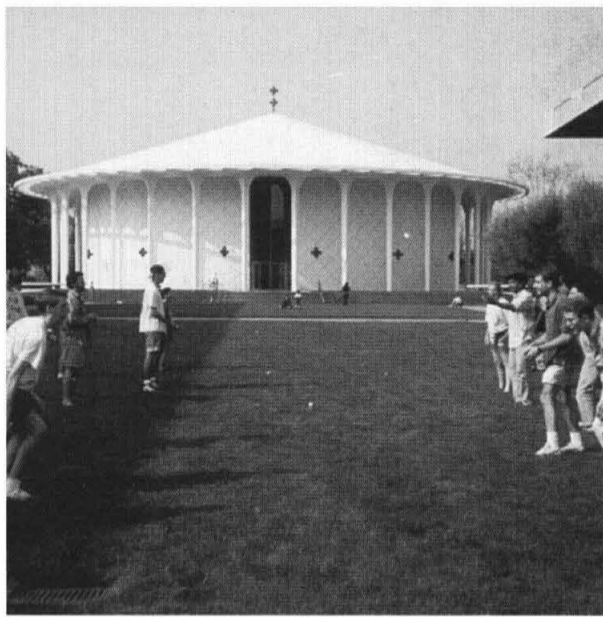
Everyone danced at the last Holly party



Arlene will forever remain the master of Pocket Poker



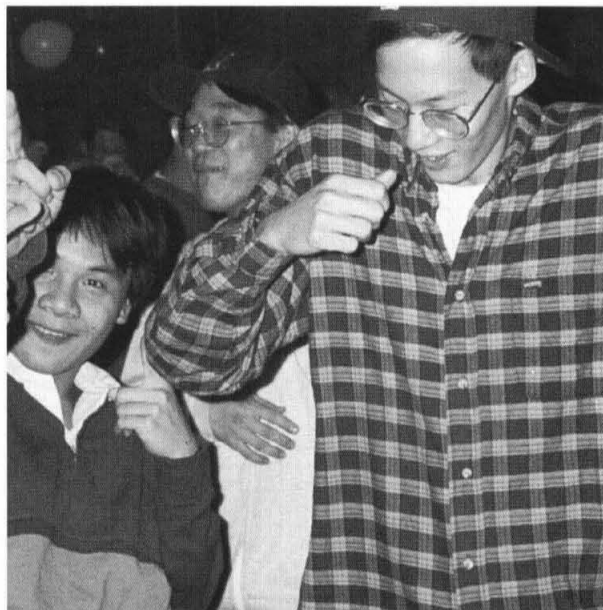
Brian taught us all how to win at Black Jack



The Easter Egg Toss (before the food fight)



Josh, Stick, Danny, Bug, Chinley, Bryce, Grant, and Verge (the 3-man) celebrate Ney Year's Eve in the Beer Room



Bug and Winner show their stuff at a party



The Senior's dinner



The social team brings you yet ONE MORE barbecue

# S O C I A L E V E N T S



# SENIORS



FRONT: Won Bang, Seiya Fukuda, Teru Miyake, Bug Nguyen MIDDLE: Ruchi Yong-sunthon, Marcus Chen, Jen Trittschuh, Tom Fink, Chinley Chang, Brian McAllister, Ryan Naone, Mike Brundage TOP: Derek Surka, Mike Wong, Bryce H. Elliot, Brett Warnecke, Eddie Murakami MISSING: Siddhartha Agarwal, Ali Alagheband, Michael Anshelevich, Jeffrey Barker, Katie Coughlin, Ramesh Gopi, Chuck Halloran, Aaron Hawkins, Dave Krum, Robby Langston, Kristy McAdams, George Papa, Sharif Rahman, Steven Rhee

# SOPHOMORES



FRONT: Raymond Chan, Michael Ru, Angie Bealko, Shruti Bajaj, Laura Verhoff, Jonathon Kelly, Barry Caceres, and Mike Greene (lying down) MIDDLE: Jeff Lowe, Mike Vogel, Greg Steiert, Hope Chang, Sooketoo Bhuta, Marc Sulfridge, Anh Ly, Jay Kho, Janis Chang BACK: David Derkits, Prasanth Sarumpudi, Tom Meyer, Dan Zimmerman, Alex Lin MISSING: David Barksdale, Jeff Bramel, Ricky Carson, David Chavez, Lyndon Chen, Kelly Eom, Justin Fang, Mike Galpin, Francisco Guzman, Jason Hsu, Chou Hung, Lydia McKay, Mitesh Patel, Dave Tahmoush, Steve Tsai

# J U N I O R S



**FRONT:** Khurram Sunasara, Dean Haritos, Grant Templin, Geoff Smith, Tim Nelson, Flora Ho, Joe Lee, Sequoyah Aldridge **BACK:** Mikey Ng, Remy Hathaway, Jerry Shan, Jason Kumar, Finny Chavanikamannil, Eric Aamot, Mike Jarvis, Ewald Hueffmeier, Chris Hare, Joe Long **MISSING:** Brian Adair, Joey Beheler, Brian Brewington, Celene Chang, Lucy Chen, Erick Co, Tobe Corazzini, Vikas Duvvuri, Alex Golovitser, Marty Hahm, Deann Henny, Danny Huang, Mike Ichiriu, Tae Kim, Bethy Lee, Brenda Mar, Amit Mehra, Francis Ng, Hyle Park, Dave Park, Tim Shaw, Monica Silva, Jason Trevor, Eddy Vataru, Chuck Waite, Christian Waite, John Wang, Sam Webb, Joyce Wong

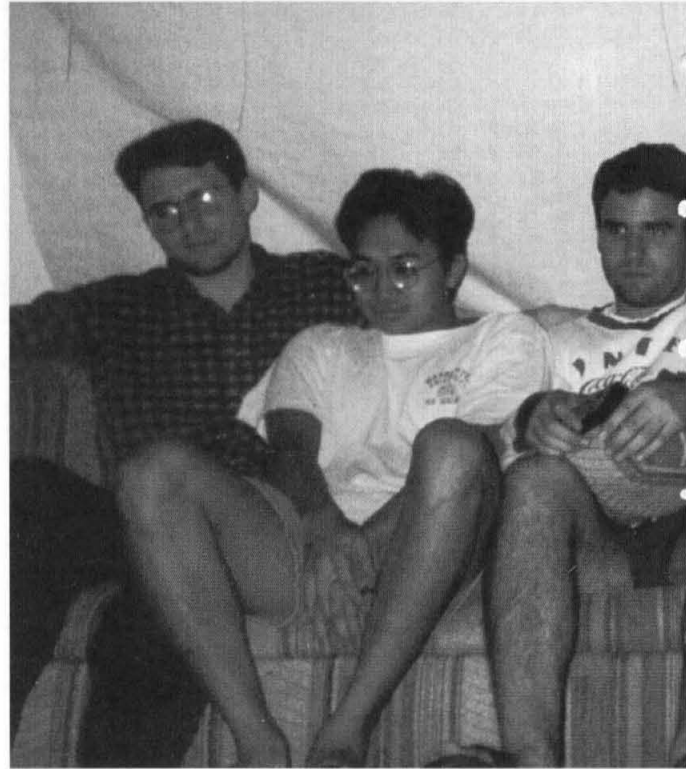
# F R E S H M E N



**FRONT:** Tyson Grant, Jen Holland, Kathleen Tung, Gina Serraiocco, Jenny Chu, Sheila Shah **MIDDLE:** Jason Hong, Wei Qin, Will Smit, Jimmy Lin, Larry Chen, Chinh Doan, Clay Kishiyama, Albert Ramirez, Ki-Young Suh, Jane Wei **BACK:** Bob Webbink, Matt Richardson, Josh Moats, Winner Chang, Virgil Everett, Agyeman Boateng, Hou-en Han, Gilbert Yoh **MISSING:** Charlie Bachand, Eugene Chen, Scott Driggs, Jem Gomel, Anu Kansal, Leonid Khakham, Don Kwak, Jack Langsdorf, Frank Ling, Michael Ohliger, Arlene Pons, Dov Rosenberg, Mallory Zhang.



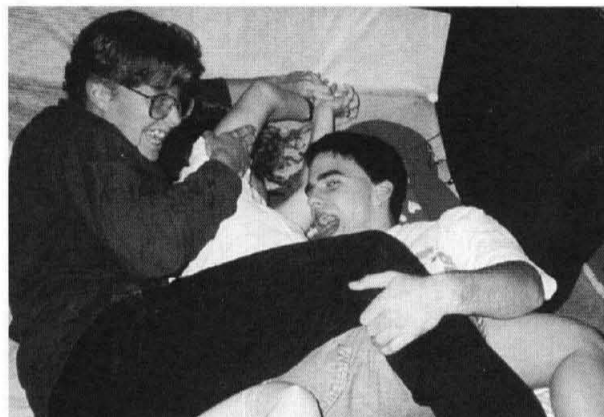
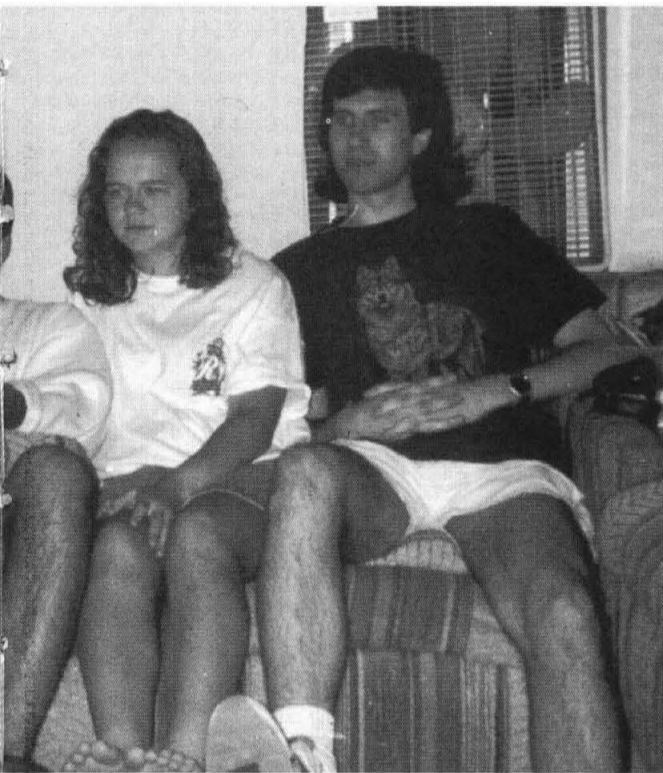
# WHAT A SUPER



top L: the Social Team  
 mid: the Excomm does what they do best  
 top R: the Ath team (with the Discobolus  
 trophy and the new hoop)  
 above: the waiters  
 right: I'd like to thank your mom. And  
 special thanks go to **LOIS!!!**



# DELUXE YEAR!!!



**MLM!!!**

**President**  
**Vice President**  
**Secretary**  
**Treasurer**  
**Ath Man**  
**Social Team**

**Ath Team**

## 1993-1994 Officers

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

## 1994-1995 Officers

**Mikey Ng**  
**Laura Verhoff**  
**Mike Jarvis**  
**Remy Hathaway**  
**Mike Vogel**  
**Agyeman Boateng, Tyson**  
**Grant, Jen Holland, Josh**  
**Moats, Arlene Pons**  
**Jason Hong, Don Kwak,**  
**Josh Moats, Albert**  
**Ramirez, Ki-Young Suh**

A special thanks goes out to everyone who made this possible.  
 Peace, all — Laura.



# Ricketts



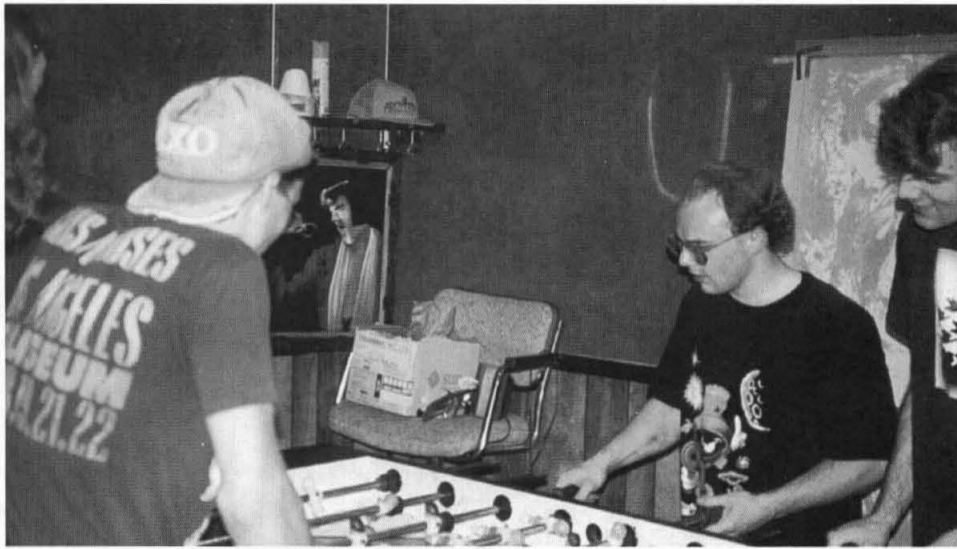
*"You will never find a more wretched hive of scum and villany."  
-Sir Alec Guinness*





**Top Left. FRESHMEN.**

*Back:* Radhika Reddy, Tad Fujioka, Jesse Shue, Liz Johnson, Jim Quallen, Andrew Huntington (hidden), Jamie Walls, Michael Aschbacher (Faculty), Ashchbacher's dog, Ashchbacher's front door, Toby Bartels, Jarah Evslin, Jason Wiener, Phil Sutton, Rebekah "Zippy" Mills. *Middle.* Scott Nobel, Sham Kakade, Pauling Ng, Simon Yu, Neil Jones, Thinh Ly. *Front.* Daniel Eckstein.



*Not Pictured.* John Joseph Carrasco, Kai-Wai Chu, Wei-Hwa Huang, Priyamvada Rai, Marco Santos, Dirk Tebben, Michele Wiegand, Richard Yeh

**Above Left: SOPHOMORES**

*Back.* Eleftherios Gkioulekas, Cecilia Park, Chris Gerardy, Aaron Rosin, Lyndie Williamson, Mihoko Kato, Rachel Hunter. *Front.* Patrick Spradlin, Brendan Dunn, Kevin Neville, David Hobbs, Roman Jarosiewicz, Andrew "Art" Clarke, Sean Vellucci. *Not Pictured.* Gypsy Achong, Travis Collier, Jennifer "Yani" Copas, Keith Counsell, Rob Cresswell, Scott Dewinter, Anne Dudzik, Royden Jones III, Mike Medaglia, Anothony Molinaro, David Smith, Eric "Pick One" Uhrhane.

**Above:** Sophomores Chris Gerardy, Scott Dewinter, Elvis Presley, Patrick Spradlin, and David Hobbs in the fuBball room.



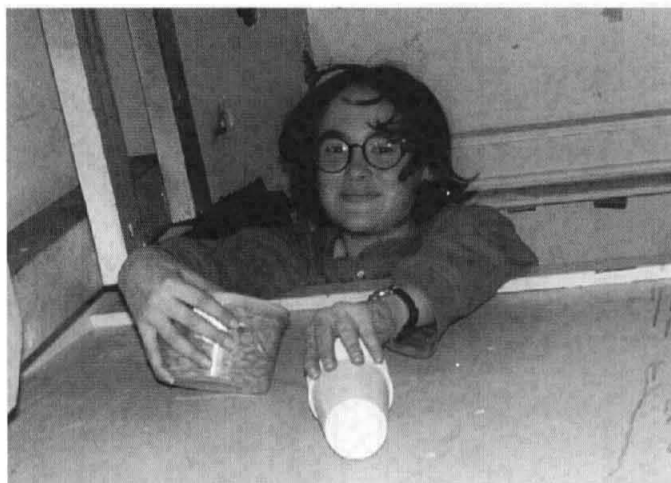


**Above. JUNIORS.**

Jason Hollinger, Frances Chance, Matias Eljovich, Michelle "Mickie" Wilber, Jane Oglesby, Charles Kevin Boyce, Gisela Rodriguez-Sandoval, Jon McDunn, Leslie Maxfield, Clark Chang, Fred Duewer, Adam Villani. *Not Pictured.* Mike "Bob" Coward, Karen Casciotti, Jenny Cormack, Cedric Hobbes, Jake Holland, Karen Kustedjo, Brien Oberstein, Heather Russell, Penelope Sherman, Scott Townsend, Saiful Zulkifli.

**Right. SENIORS.**

*Back.* Mike Hoskins, Matthew "Xeno" Derer, Paul "Rotorooter" Rothmund, Jim Schaaf, Ted Turozci, Dan Dilling, Ward Burrows, Sacha Malin, Scott Bjerke. *Front:* Brian Trotter, Michael "Zeus" Su, Sarah Barwig, Johanna Neaderhouser, Michael "Wart" Thomas. *Not Pictured:* Uri Cummings, Brent Eubanks, Steve Fought, Edray Goins, Alicia Kloesel, Dori Levanoni, Dan Lipofsky, Erika Meyer, Dave Perlman, Jed Pitera, Wing-Cheong "Kevin" Tang, Josh Walker.



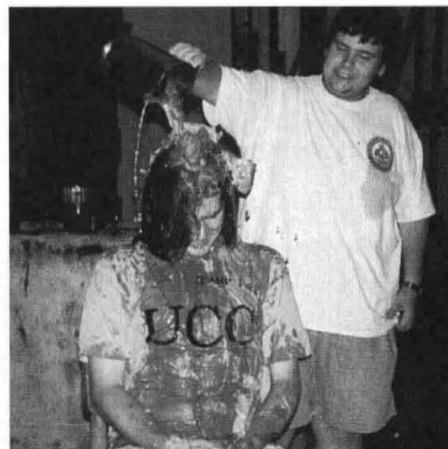
**Above.** Yearbook Quiz. Which way is up in this picture of Jane?



**Above.** DJ Wart spins platters in the ping-pong room for Club Ricketts.



**Left: LAME-O'S.** *Climbing.* Jed Pitera. *Standing:* A. Jennifer Nlessink, Jenny Cormack, David Smith, Wei-Hwa Huang, Anthony Molinaro. *Sitting:* Scott Townsend.



**Above:** Head waiter-to-be Keith chunky-floats then-head waiter Kevin.

**Top Right: EXCOMM** *Standing on pot.* Matias Elijovich, Treasurer; Jarah Exslin, Food Rep; Tad Fujioka, Ath Man. *Sitting on pot:* Leslie Maxfield, Treasurer; Jim Quallen, Teamster; Karen Casciotti, Teamster; Jenny Cormack, Teamster; Andrew Huntington, Teamster; Art Clarke, Teamster Boss. *Sitting.* Scott Noble, Librarian/ Historian; John Joseph Carrasco, Librarian; Dave Perlman, Ex-President; Kevin Boyce, President; Sean Vellucci, Vice President. *Not Pictured.* Adam Villani, Historian Emeritus.

**Above Left. WAITERS.** *Back:* David Hobbs, Jenny Cormack, Art Clarke, Toby Bartels, Matias Elijovich, Sham Kakade, Keith "Head Waiter" Counsell. *Front.* Aaron Rosin, Frances Chance, John Joseph Carrasco, Jim Quallen, Scott Noble, Fred Duewer. Priya Rai, Kevin Neville, Kevin Boyce.



# Apache



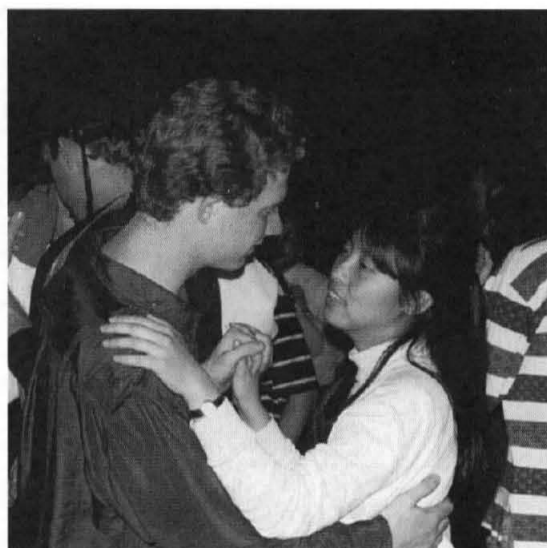
**Above Right.** Radhika and Michele revel in the traditional manner.

**Right.** Fireballs are a grand and mysterious Scurve tradition. Note the circle of perfection.

**Below Left.** Building Apache is an arduous but satisfying community activity.

**Below Right.** Lyndie and Roman romance on the dance floor.





**Above Left.** Gisela demonstrates the new Spring fashions.

**Inset.** It's the shoes!

**Above.** Kai-Wai Chiu gazes into Michael Ohliger's (Blacker) eyes.

**Left.** These garter contest participants are very glad I'm not printing their names.

**Below Left.** Frances checks the guest list to keep out the unwashed masses.

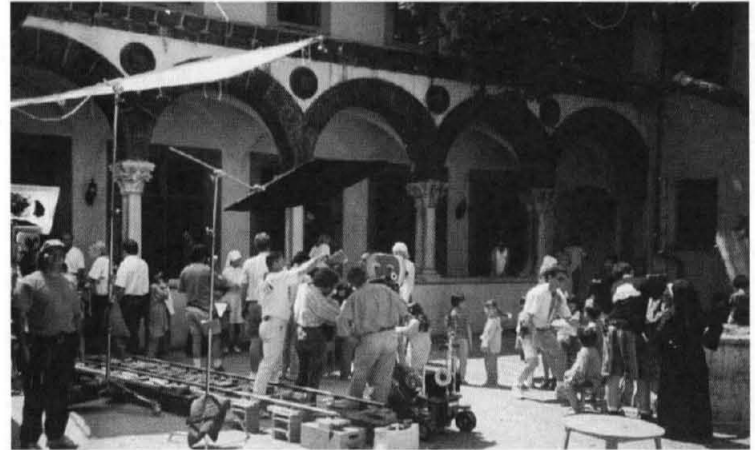




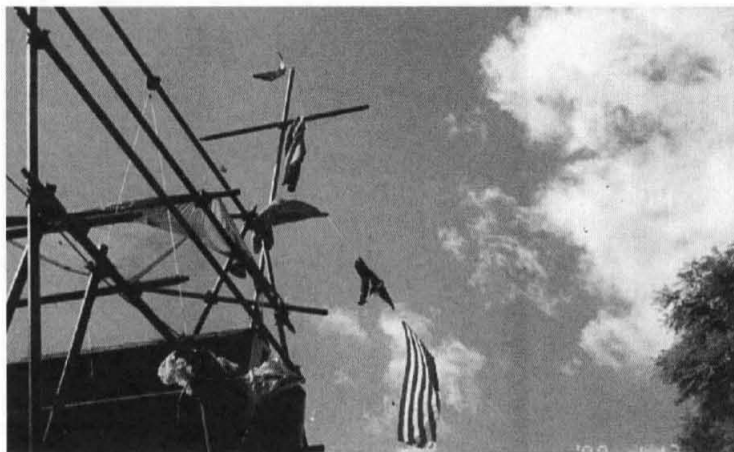
# Scurve Life



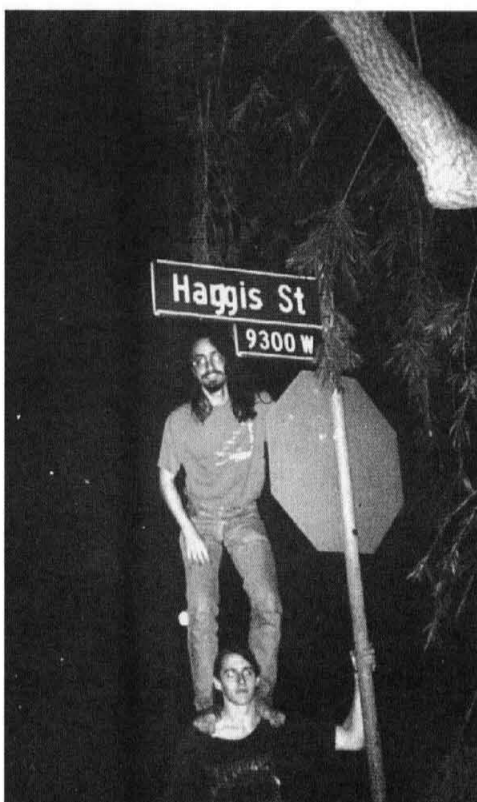
**Right.** (L to R) Dave, Dave's flamethrower, the Pot.



**Above.** Over the summer, Ricketts' reputation for showing bad movies was further enhanced by actually filming a bad movie here. *Message From Nam*, a TV movie based on the novel by Danielle Steele, featured Ricketts House transformed into a Vietnamese orphanage.



**Above.** The Flying Dutchman rose over Ricketts Courtyard first term, proudly flying the flags of Brazil, the Soviet Union, Alaska, and the United States.



**Top.** In case you've never seen a pile. . .

**Bottom.** Scurves duct-taped Wart to a chair, forcing him to watch Barney, but forgetting that he *likes* Barney.

**Above.** The residents of Haggis Street in West Los Angeles got their addresses changed by Steve Sobelman (alum) and Kevin Neville (Soph.) to celebrate the popular Scottish dish made from sheep intestines.

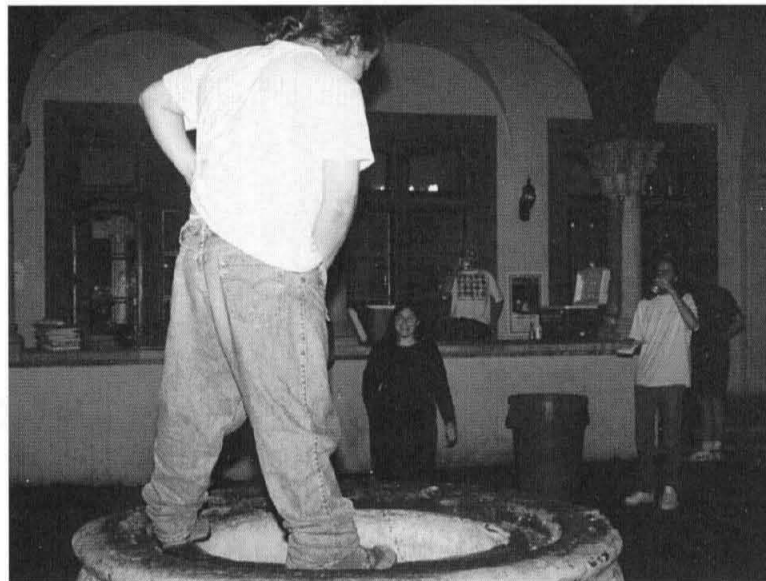


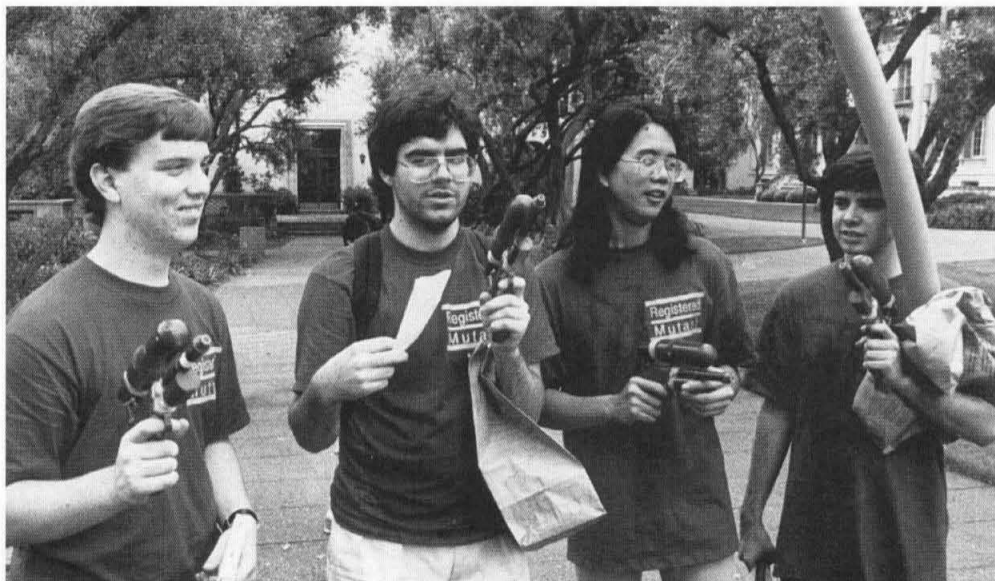
# P.C.D.E.

Polish Constitution Day Eve was celebrated in the traditional manner, with Pollack Aaron Rosin **(Right)** marking the beginning of the revelry by anointing the pot.

An important part of P.C.D.E. is the tension built up amongst the houses in the preceding week. Moles get whacked, Rudds get their windows measured **(Below)**, and Lloydies kindly lend their courtyard to us for an evening of four-square **(Bottom)**.

**Below Right**, Connie-Lynne Villani (Staff) and Art Clarke lead the way as Scurves bring the gift of song to Fleming House.



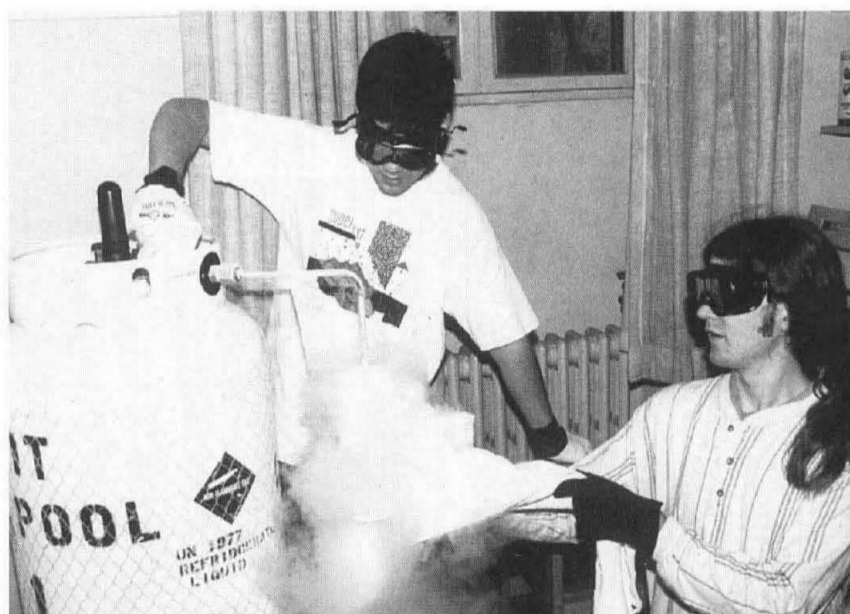


# Ditch Day.

**Left.** Phil, Neil, Clark, and Brendan are Registered Mutants for the 'Paranoia' stack.

**Below Left.** Paul thought that since he's the Permafrosh, he doesn't have to leave. He's wrong (obviously).

**Below.** Andrew, Kevin, and some really cold liquid.



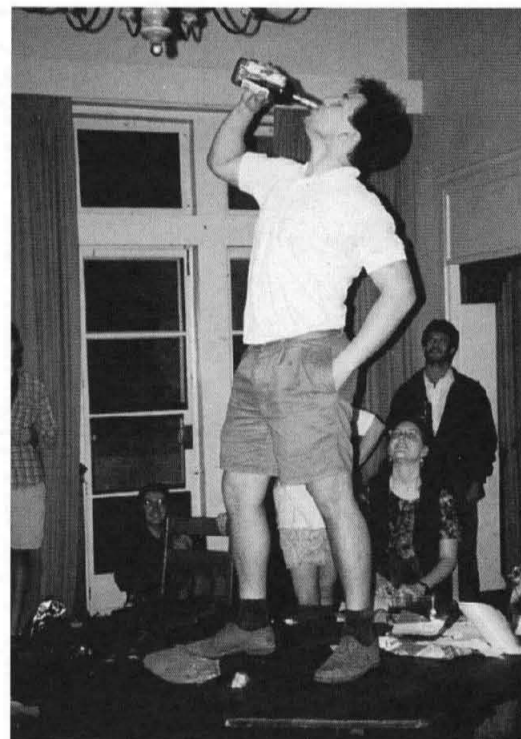
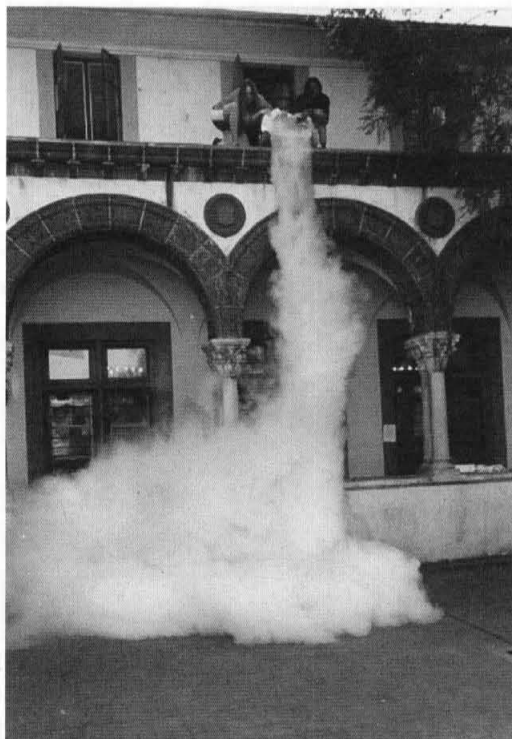
**Above.** Paul and Johanna's stack began the day with a dance 'round the May pole.

**Right.** Karen decends into the depths.

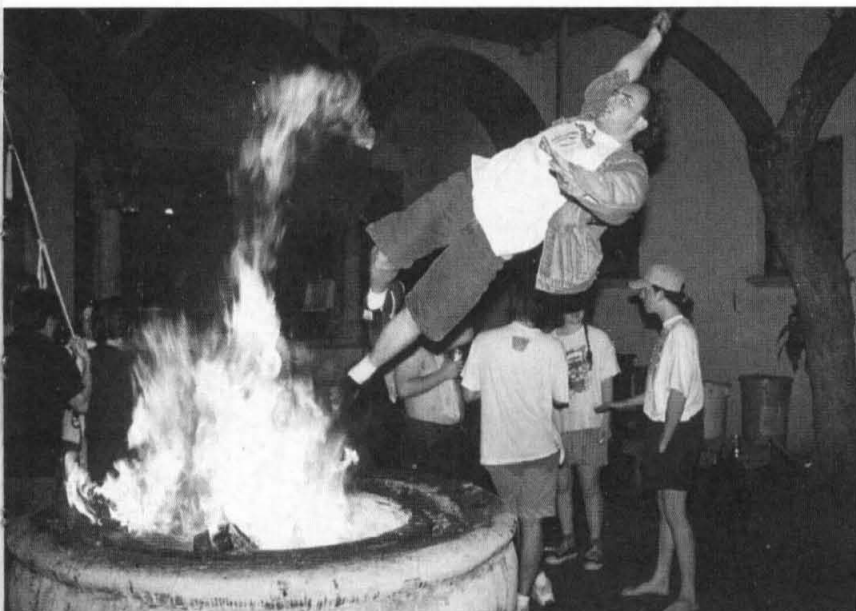




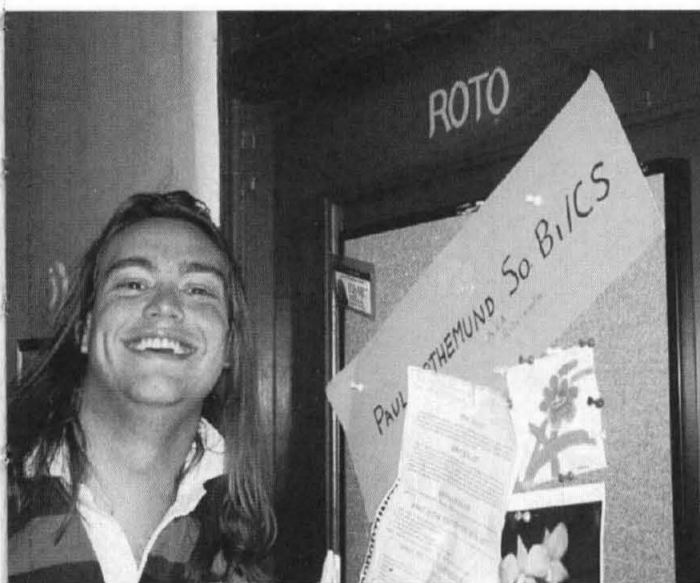
**Right.** Roto and Sham pour LN2 from Snatch roof.  
**Far Right.** Uri campaigning for HPKOM at elections.  
**Below.** Our new RA's. Peo and Krista Pettersen.



**Above.** Rob Cresswell.  
**Left.** Sham Kakade.



**Left:** Patrick is engulfed in flames.  
**Below:** We confront our inner darkness by contemplating the banalities.  
**Center Left:** Roto discovers that by living in the same room for four years he has been made immortal.  
**Center Right:** Kevin is purified upon election.



**Above.** Art, Jenny, Kevin Roust, Michele, Scott, Adam, Jen, Travis, and Radhika inside a cloud atop Josephine Peak.

**Left.** Tom Swings into the fireball that Ward helped create.

#### **CREDITS.**

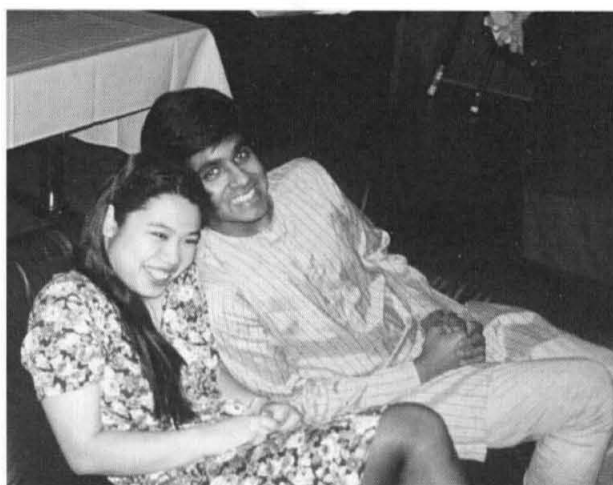
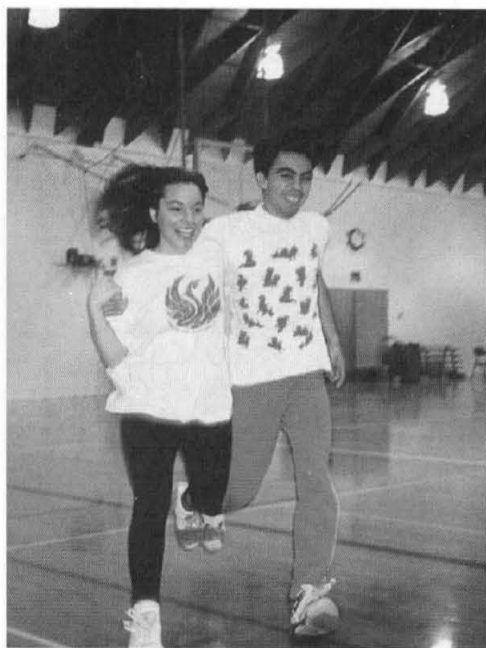
*Photography,* Adam Villani and Scott Noble.

*Layout and Text,* Adam Villani.

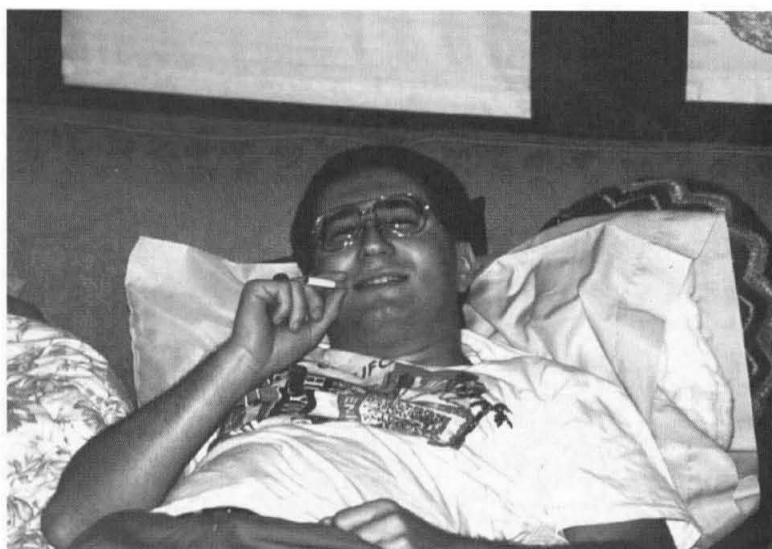
Special thanks to *Tech* Editors for use of the office, and to Christy, Karen, and Nestor for putting up with missed deadlines.

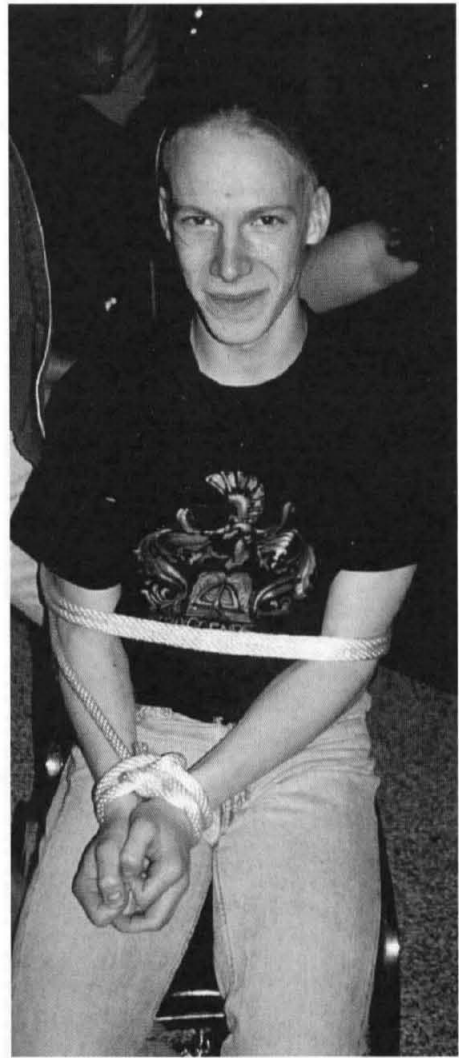
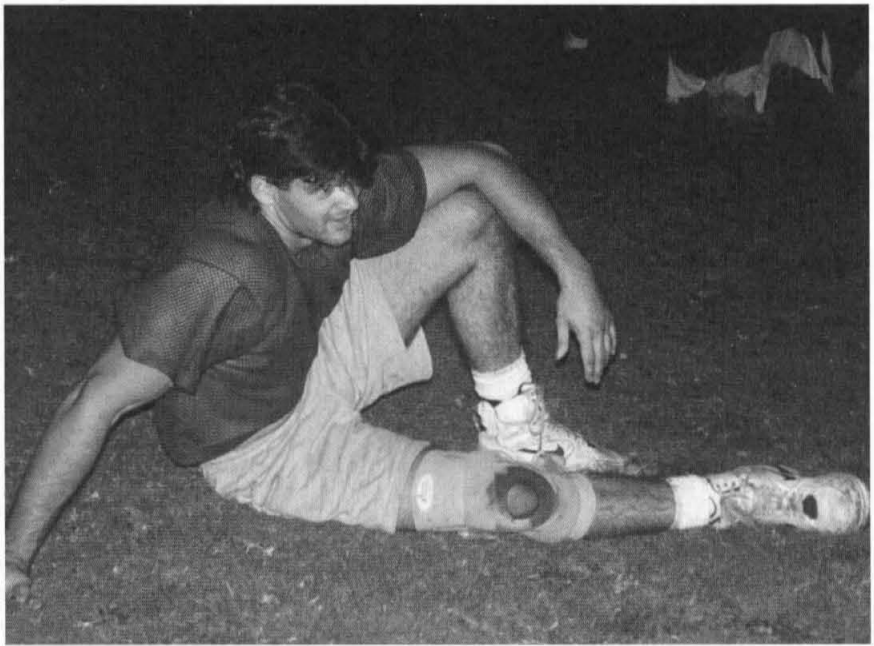


# Ruddock



PEOPLE







**Frosh:** Bill Dougherty, James Dooley, Tanya Kutasz, Gerrit Kirkwood, Amanda Eckermann, Ross Segelken, Seth Lacy, Cindy Chen, Mory Lucas, Lon Christensen, Jae Park, Heather Ryan, Dave Bacon, Heidi Eldenburg, Carter Moursund, Mike Wang, Megan Andrews, Fong Liu, Shirley Chen, Jonathan Aldrich, Roopesh Doshi, Steve Chase, Eugene Ha, Emily Paddock (soon to be Rempel), Melissa Hampton, Kate Talmazan, Dmitri Linde, Emily Chen, Mike Cai, Time Uy, Obadiah Manley.



**Sophomores:** David Mai. **Not Pictured:** Donna Akutagawa, Carlos Aldana, Eve Andersson, Dave Bartolomeo, Rob Bergeron, Becky Blankenburg, Ali Boehm, Ross Brown, West Burghart, Lily Chang, Dave "DAC" Cuthbert, Leonard Dvorson, Josh Dyer, Francisco Gutierrez, Chris Hance, Daniel "Danish" Hanish, Adil Karim, Tejaswi Kasturi, Clifton Kayano, John King, Kim Komisarek, Huy Le, Albert T. Lee, Steve Lieske, Hansel Lo, Tal Margalith, Chris Marsh, Nathan Mates, Jeff McMillan, Ravi Montenegro, Suzanne Nguyen, Rob Nostrant, Dave Plurad, Rees Price, Josef Ringgenberg, Atul Salvekar, Srdjan Sobajic, Janet Sun, Kathy Tao, Helen Tsao, Stephen "I got no Wing" Wong, Wayne Yoshida.





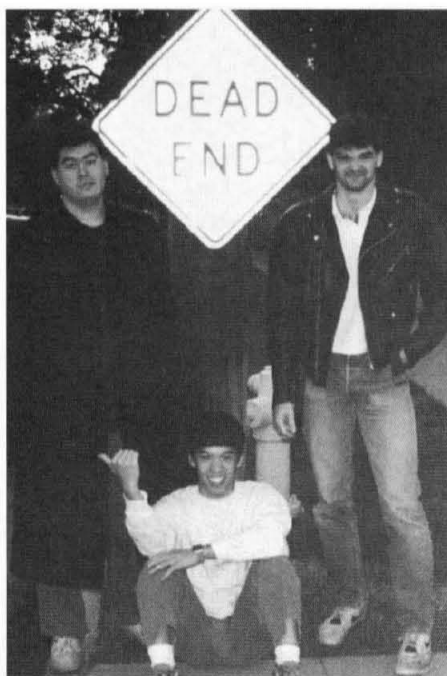
**Juniors:** Rhonda Morgan, Al Ratner, Vikas Nanda, Michael Zeineh, Jasmine Anderson, Stephen Tang, Serge Belongie, Jon McDunn, Justin Stapleton, Pat Yue, Michael Kim, June Fujimoto, Ron Steiger, Ching Liu, Dennis Ugolini, D.A. Kornreich, Asif Hassan.



**Seniors:** Paul Ainsworth, Lucia Kuhns, Eric Wemhoff, Aron Rempel, Stanley Grant III, Justin Stapleton, Erica Alliston, Wen Hsieh, Charles Grosjean, Erica Carlson, Mike Lin, RA's Doug Yule, Becky McGraw-Yule.

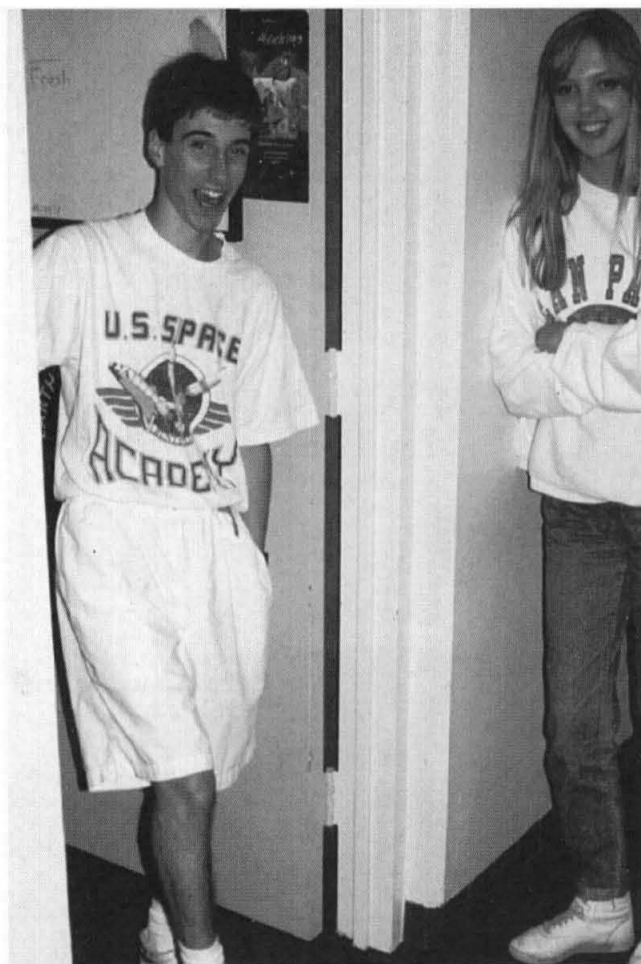


**Super-Seniors:** Ed Etzkorn, Rex Lew, T.J. Creath.

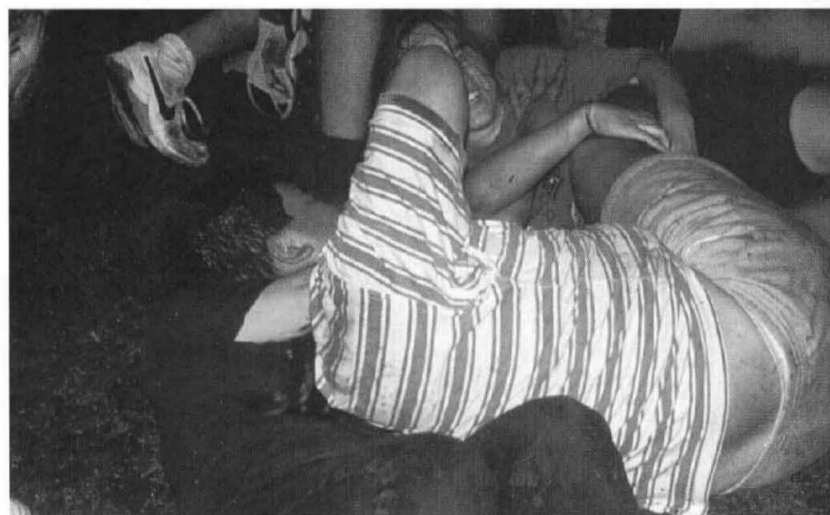


**RA's:** Doug Yule, Becky McGraw-Yule.





## DOG PILE



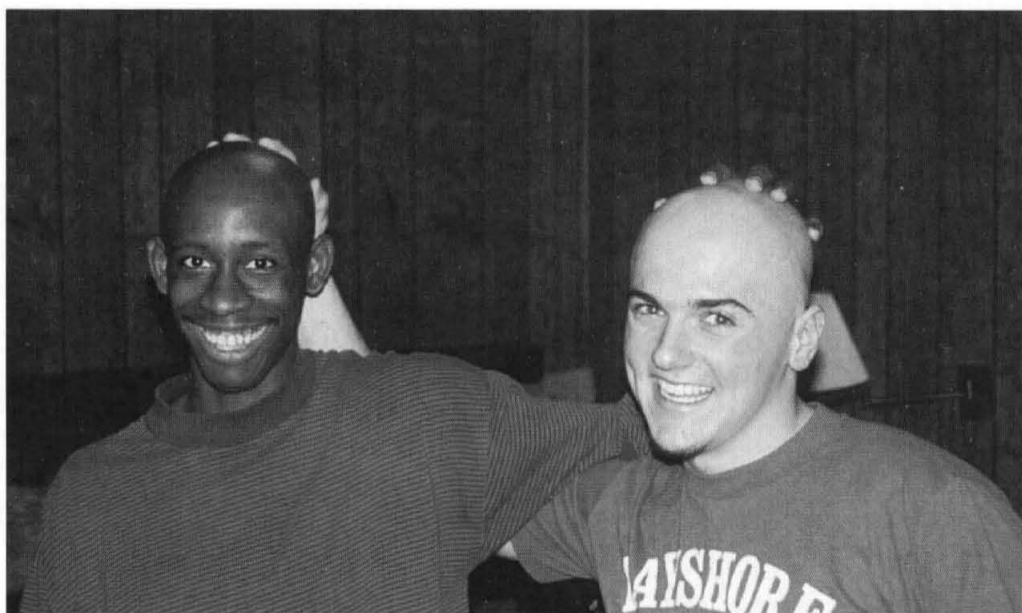
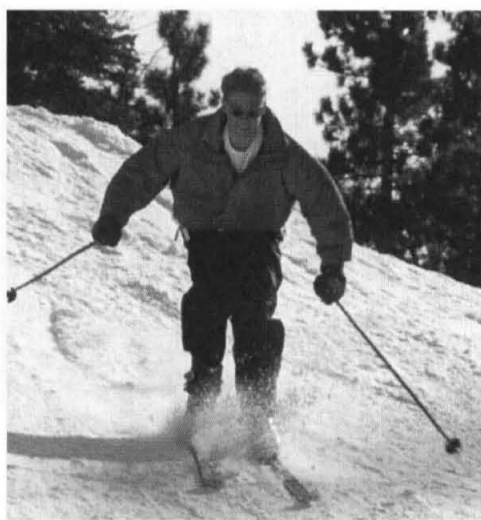
Clockwise: *Rob on Fong*: "Let's go molest some children." Watch the butt crack, Lon.

*West on Tim*: "He's finally asleep."

*Tal*: "Tower run, Dennis?"



# SKI TRIP



Clockwise: Al: "Do you want  
some candy, little girl?"  
Air Bacon Stan and West:  
"Argh! The glare!"  
Random Rudds hitting the  
slopes  
Hans biting it big



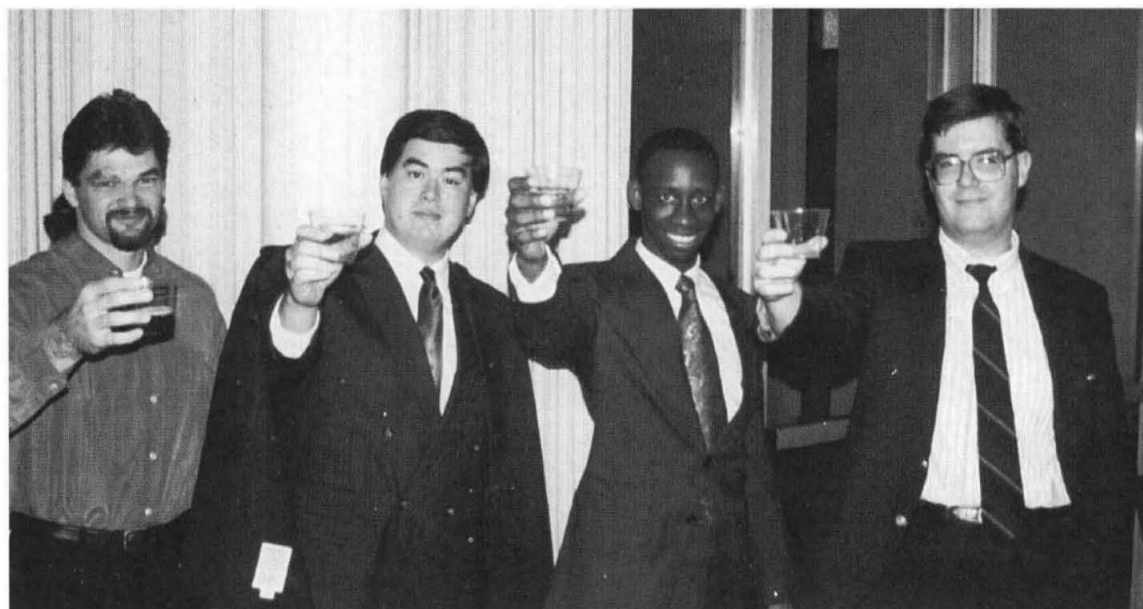
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# INSTALLATIONS



New  
And  
Old

Ex  
Comm



Four Presidents raise a toast to Ruddock House.

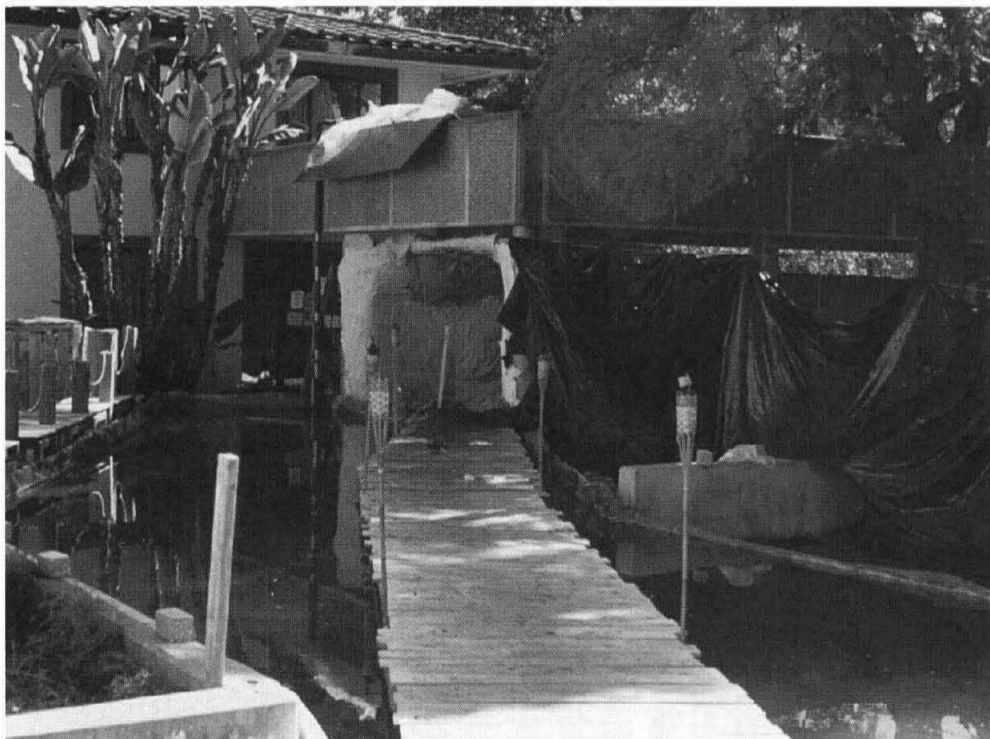
# The UCCs



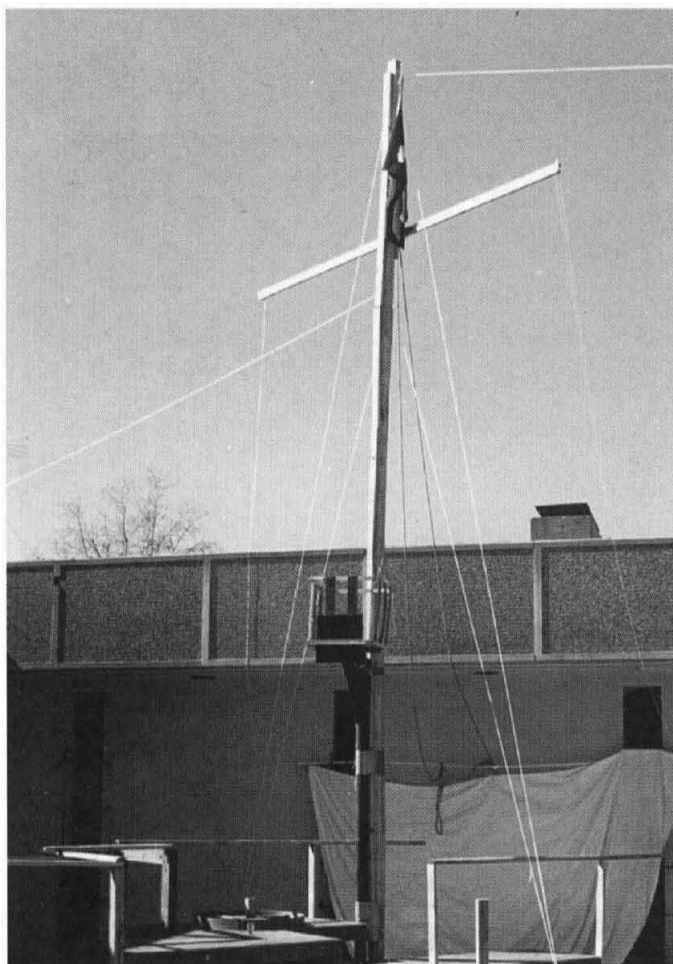
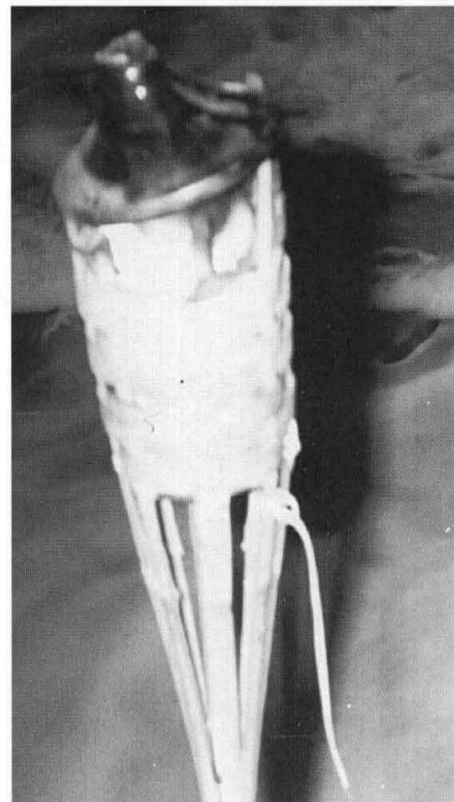
Right: Presidents Dennis Ugolini and Stanley Grant cut the installation cakes.  
Above: The passing of the banner from President to President

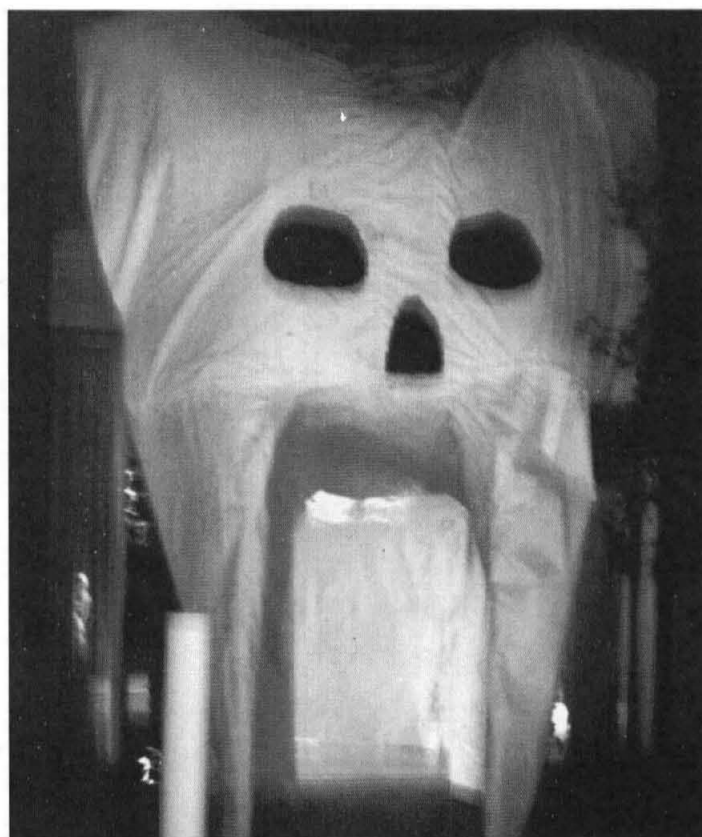
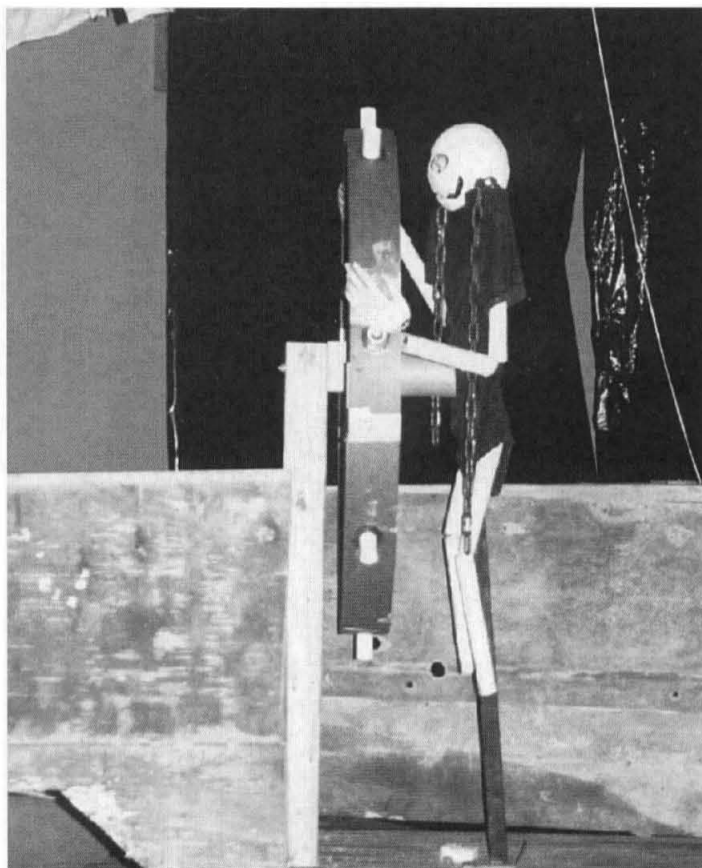




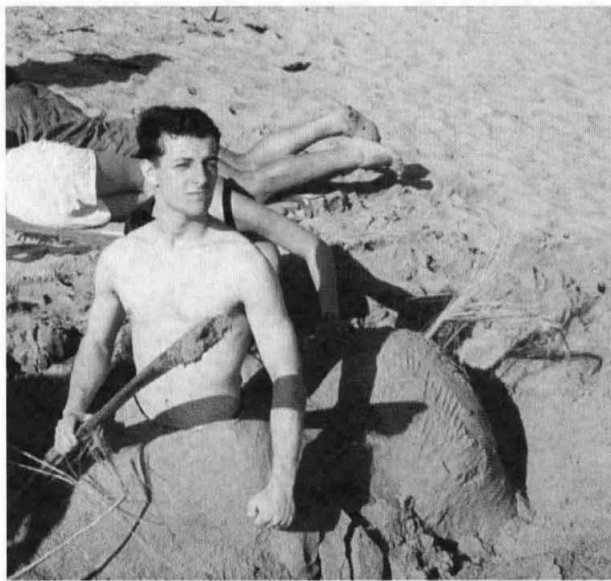
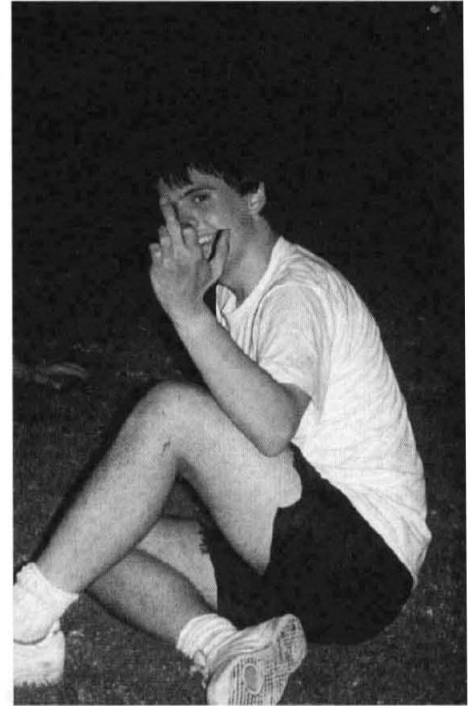
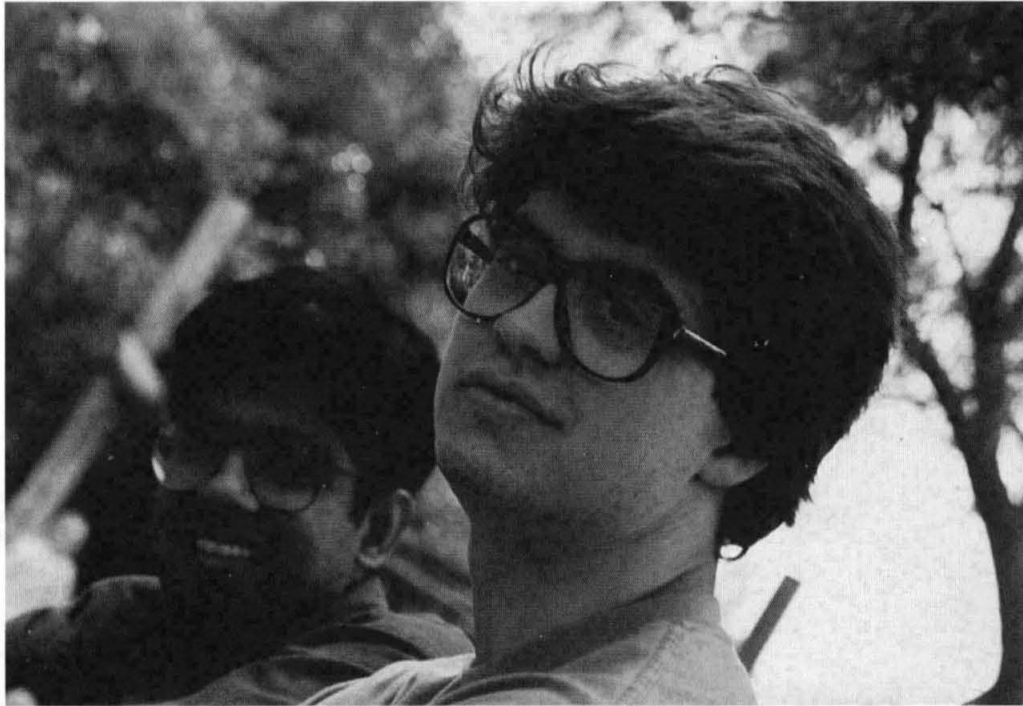


# OPI



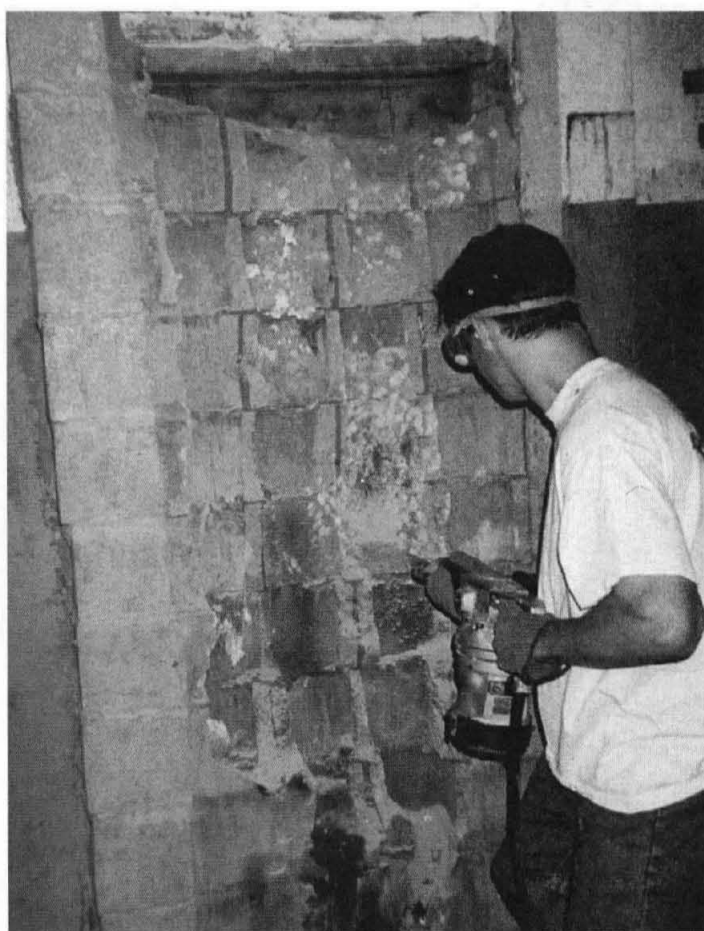






**From Top Left:** Steve and Adil heatin' it up. Jeff McMillan stretches his fingers. Steve Chase the Centaur. Pig-tails night in Rud-dock! Alley 1, victorious after the LEGO build-off.

concrete



ΔΙΤΧΗ ΔΑΨ







*Seniors*



Brian Trotter  
Gaithersburg, MD  
Applied Physics

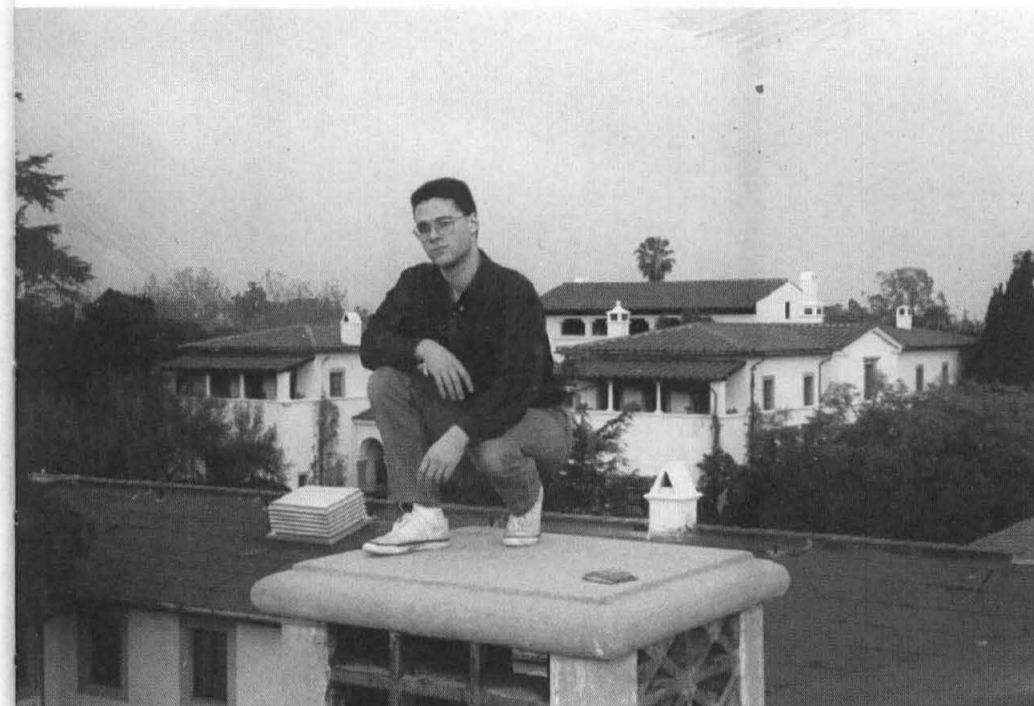
Sarah Barwig  
Wauwatosa, WA  
Geophysics



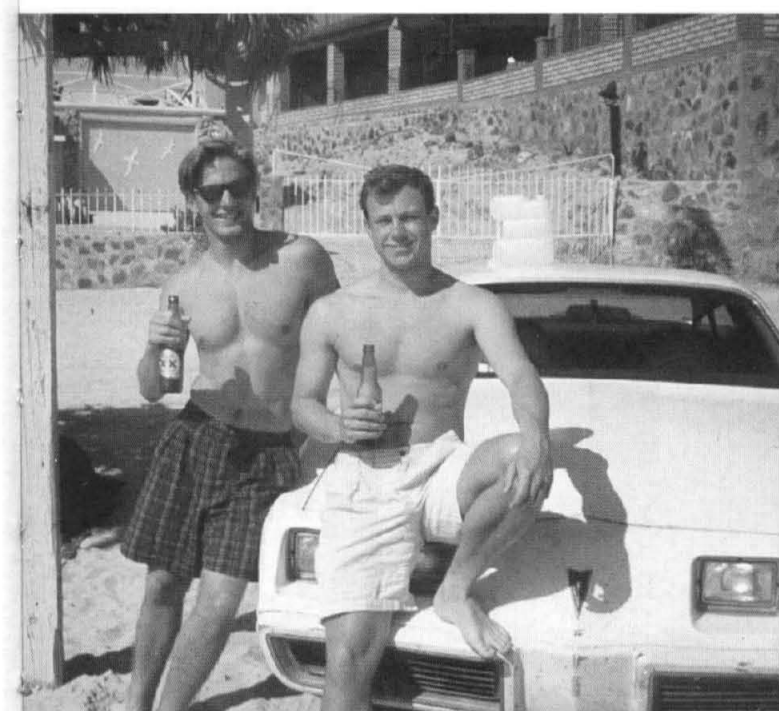
Robert Uglesich  
Mayaguez, PR  
Applied Physics

Remember  
Remember me when I am gone away  
Gone far away into the silent land;  
When you can no more hold me by the hand,  
Nor I half turn to go, yet turning stay.  
Remember me when no more, day by day,  
You tell me of our future that you planned:  
Only remember me; you understand  
It will be late to counsel then or pray.  
Yet if you should forget me for a while  
And afterwards remember, do not grieve:  
For if the darkness and corruption leave  
A vestige of the thoughts that once I had,  
better by far you should forget and smile  
Than that you should remember and be sad.  
-C. Rossetti





Dave Perlman  
Seattle, WA  
Applied Physics



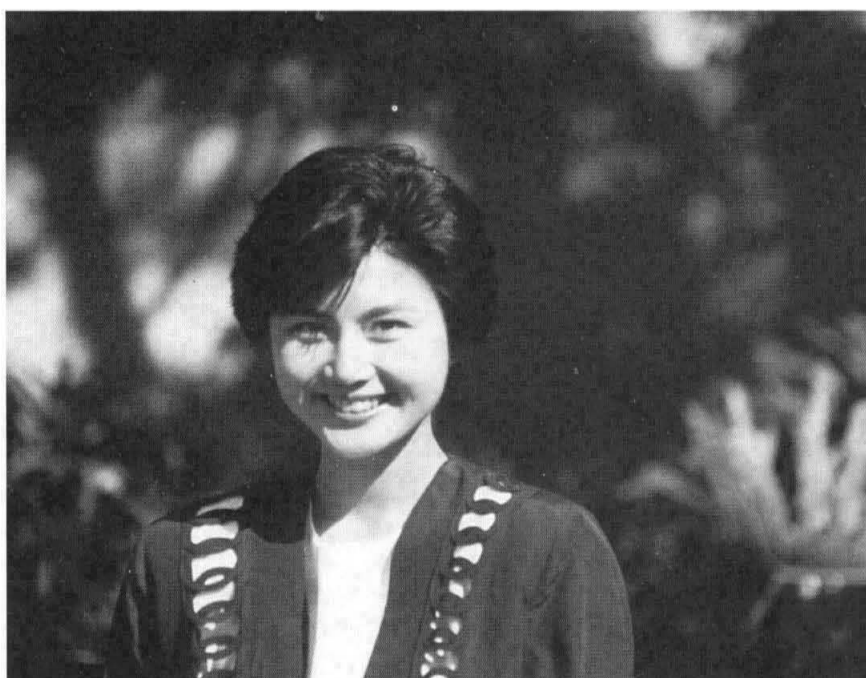
"Then what is man to live for? Where is he to find happiness? Only in fine clothes and good food, music and beautiful women"  
-The Book of Lieh-tzu

Greg Howes  
Hercules, CA  
Applied Physics

Near Margalit  
South Pasadena, CA  
Applied Physics



**Mikka Kangas**  
Atlanta, GA  
Physics



**Wing Cheung**  
Torrance, CA  
Biology

What a waste it is to lose one's mind — or not  
to have a mind. How true that is." -Dan Quayle



**Yu Chen**  
Beijing, China  
Biology



Chang-Hwa (Mary) Chen  
Salt Lake City, UT  
Biology



Erica Alliston  
Murrysville, PA  
Biology

"And, in the very room in which he sat, there were books that could take you anywhere, and things to invent, and make, and build, and break, and all the puzzle and excitement of everything he didn't know-music to play, songs to sing, and worlds to imagine and then someday make real." -Norton Juster, The Phantom Tollbooth



Michelin Aldridge  
Escondido, CA  
Biology

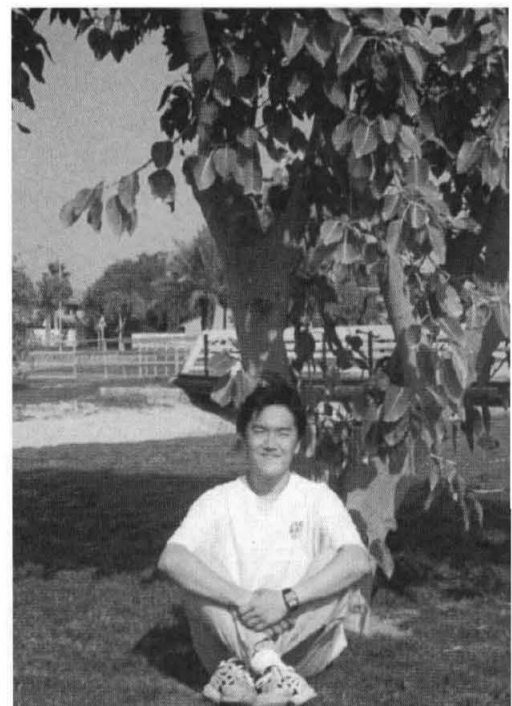


Micheal Lin  
Dhahran, Saudi Arabia  
Biology

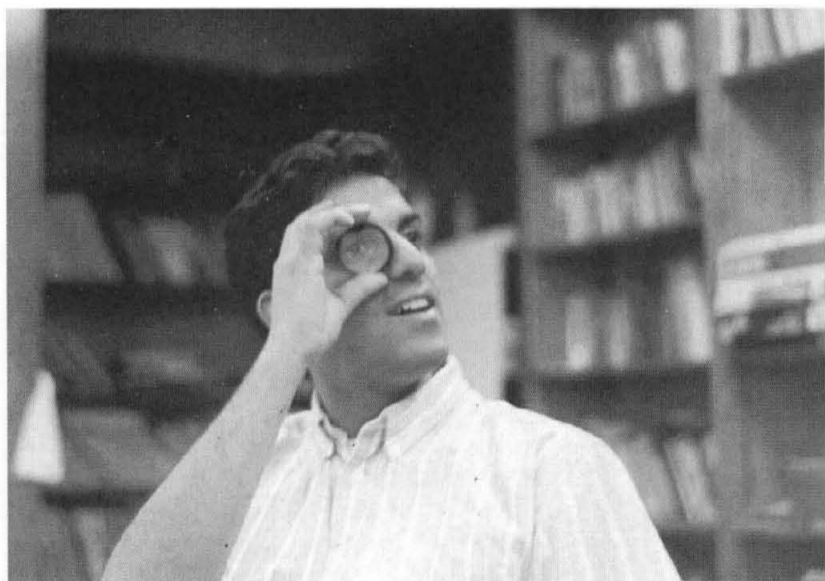
"We need to use a system." — Hahn Huang

"On ne voit pas qu'avec le coeur. L'essentiel est invisible pour les yeux." — Antoine de Saint Exupéry.

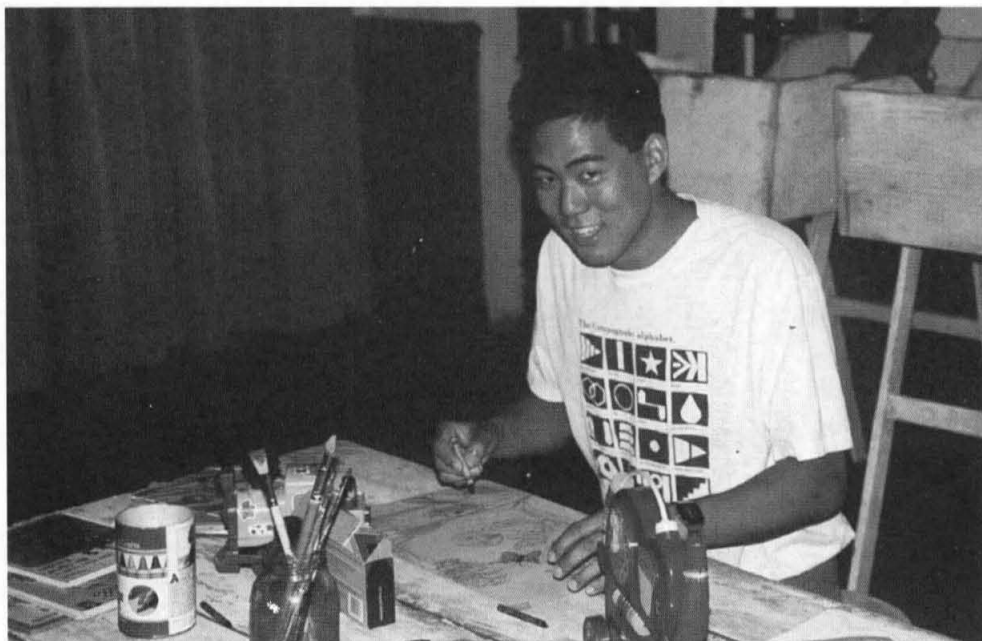
Many thanks to Dad, Mom, Jenny, Jimmy, the Hendersons, Perry Dobson, John Lee, Hahn Huang, Chuck Leu, Mark Shen, Alix Chen, Chris Dress, DMK, TLS, BL, PSY, CSH, Mr. Mangan, Ewald, Mark Hammig, Gerard Ketefian, Xinling Liang, Aron Rempel, Ruddock, and everybody else who helped me get this far in life.



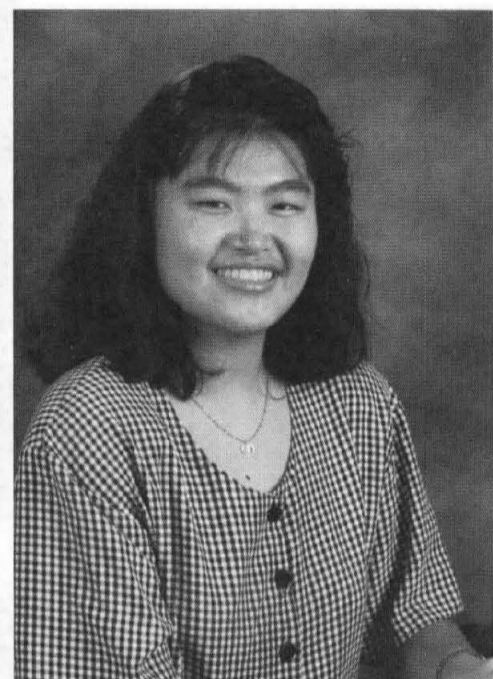
Moeen Abedin  
El Paso, TX  
Biology



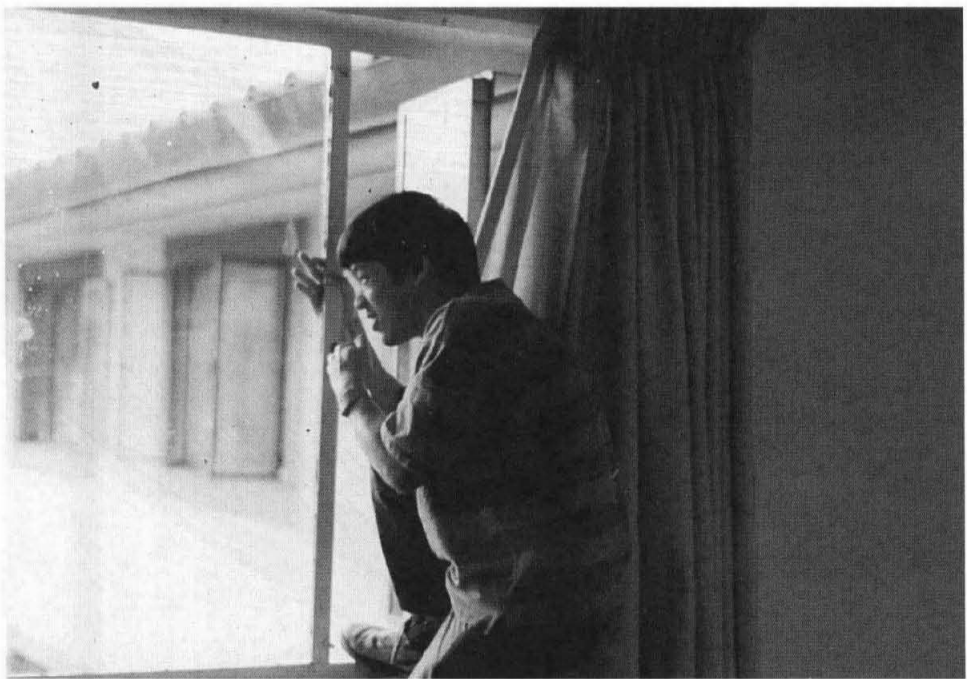
Marcus Chen  
Madison, WI  
Biology



Frances Kim  
Upland, CA  
Biology



Rex Lew  
Piedmont, CA  
Biology



Aaron Petty  
Elizabeth, CO  
Biology

The waters run  
caress the shore  
Like a mother's hand  
the sand  
the stones  
the life within that river  
all have trust

Things will be right with the world  
the earth will sigh no more  
and will rest as one who has worked  
as hard  
Things go on

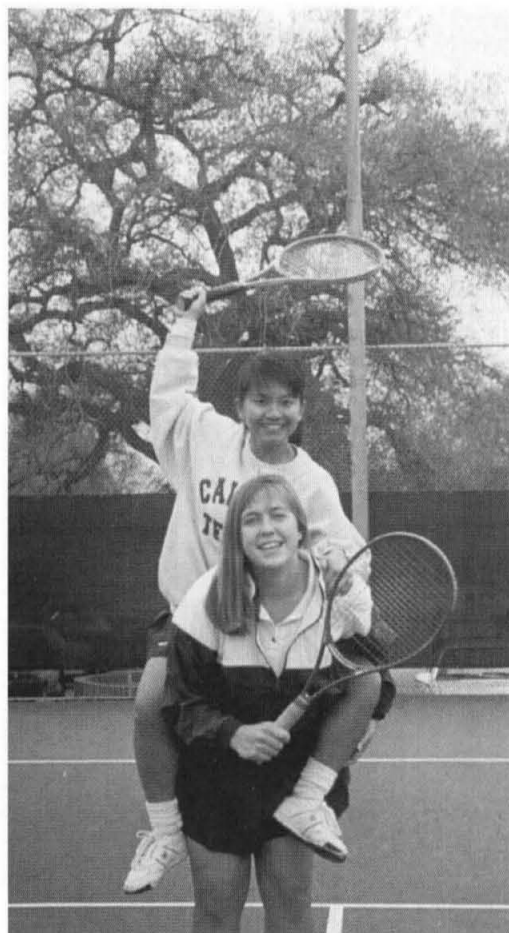
— Vanessa





Christine Esau  
Oroville, CA  
Biology

With every goodbye, you learn.



It's mine, I got it. . .

Karen Shih  
Northridge, CA  
Biology



Gillian Bush  
Stone Mountain, GA  
Chemistry



Paul Rothemund  
Laconia, NH  
Biology/Computer Science



Seiya Fukuda  
Medford, NY  
Biology

I too am not a bit tamed,  
I too am untranslatable,  
I sound my barbaric yawp over the  
roofs of the world.

Walt Whitman, Song of Myself

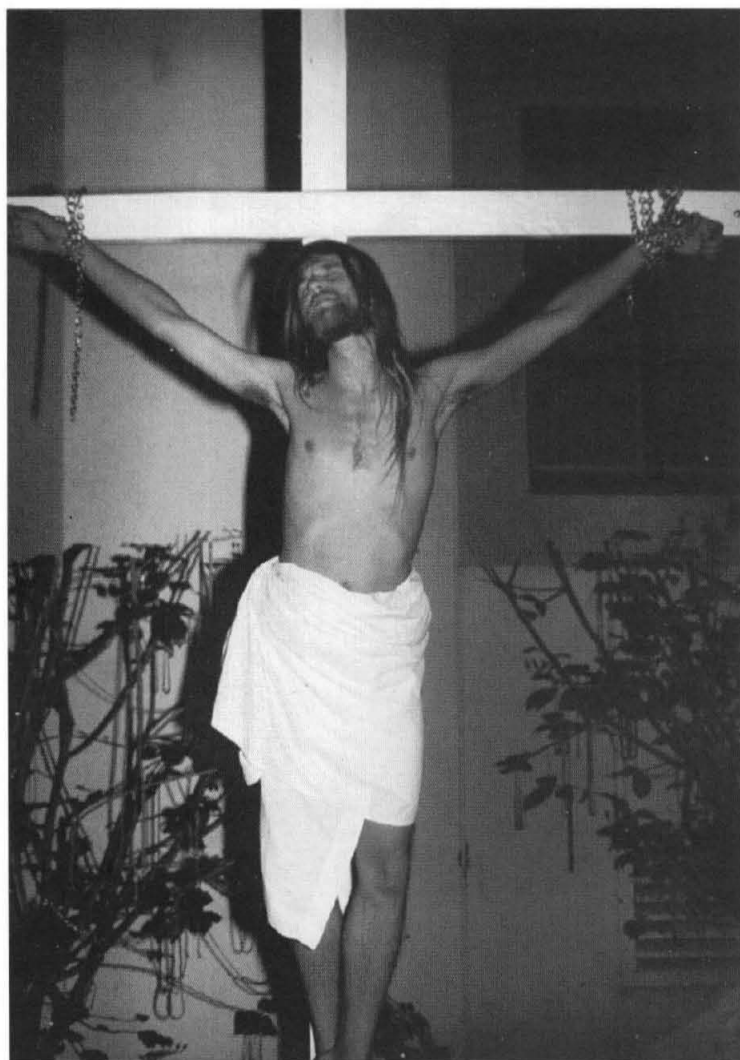


Shaun Carstairs  
Cathedral City, CA  
Biology



James Murdoch  
Brookfield, IL  
Chemistry

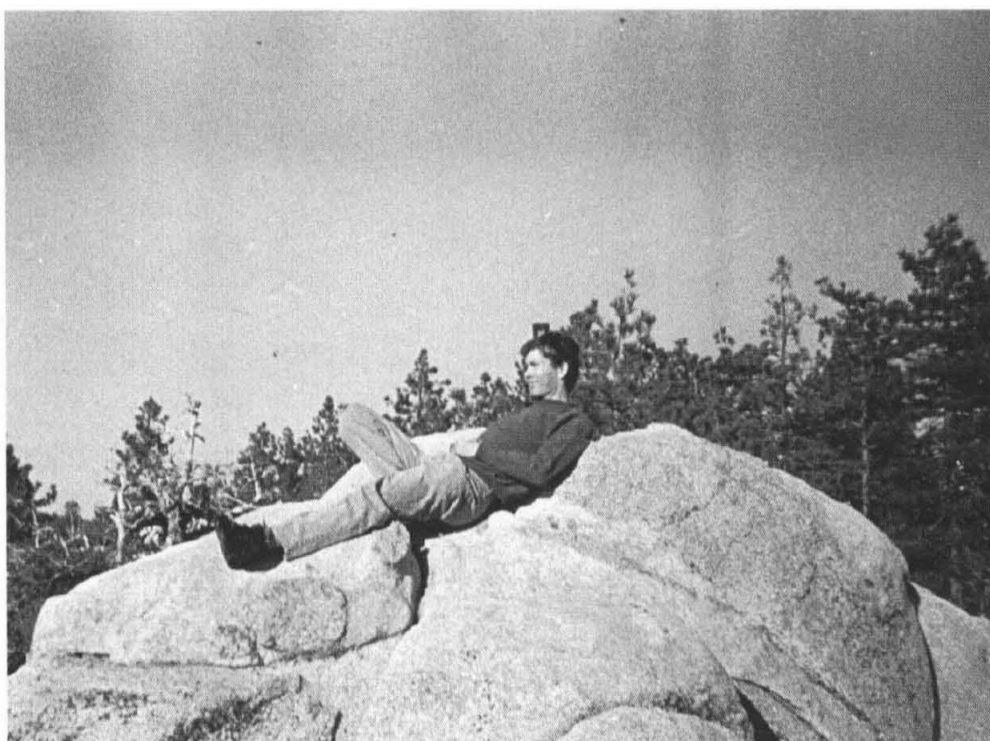
Gary Olsen  
Los Altos, CA  
Chemistry



Scott Bjerke  
Hermiston, OR  
Chemistry

The mind is its own place, and  
in itself  
Can make a Heav'n of Hell, a  
Hell of Heav'n.

— Milton, Paradise Lost

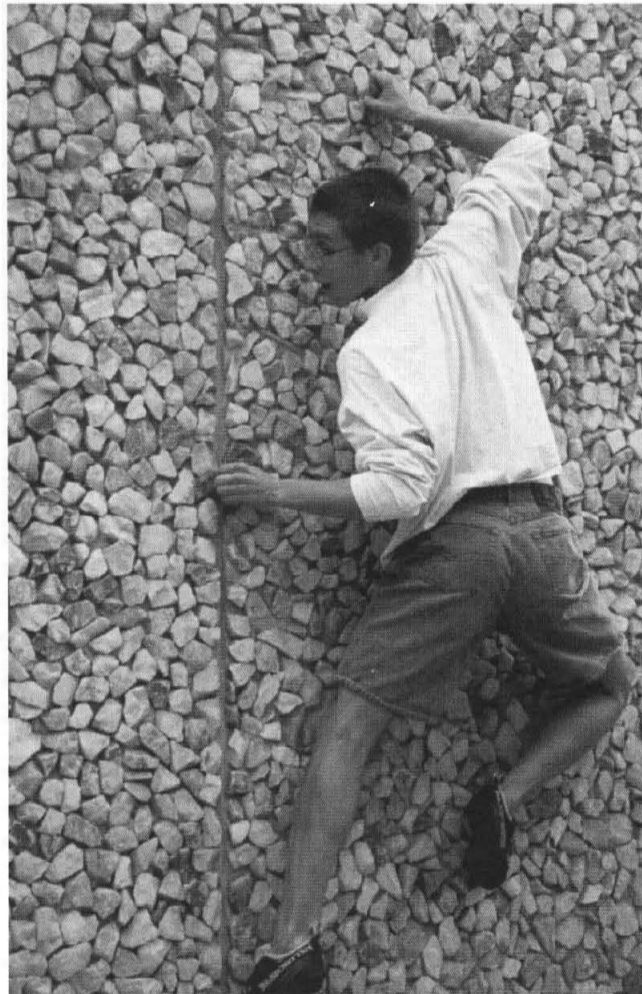


Michael Mulqueen  
Valrico, FL  
Chemical Engineering

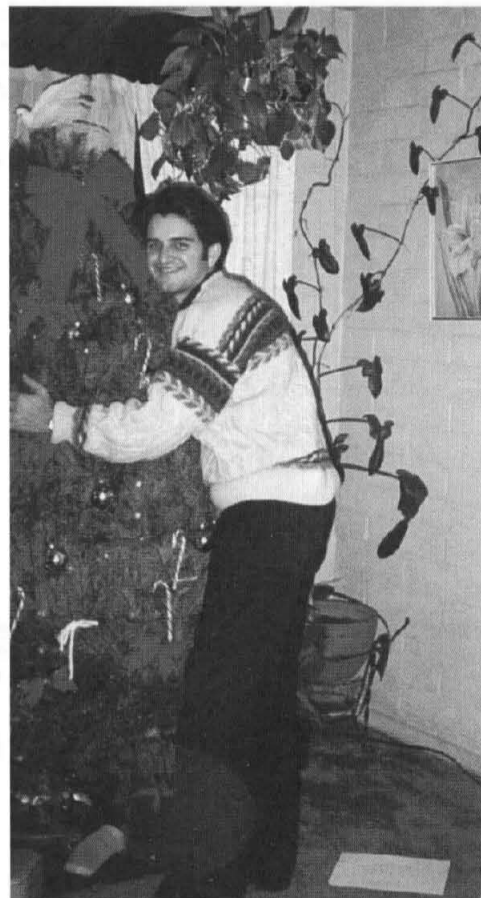
The is the famous Budweiser beer. We know of no brand produced by any other brewer which costs so much to brew and age. Our exclusive Beechwood Aging produces a taste, a smoothness, and a drinkability you will find in no other beer at any price.



José García  
Tepatitlán, Jalisco, México  
Chemical Engineering



Jed Pitera  
Allentown, PA  
Biology/Chemistry





Linda Hanely  
Valley Springs, CA  
Chemistry



As long as I live  
I shall always be  
My Self — and  
no other,  
Just me.  
Like a tree.  
-Walter de la  
Mare



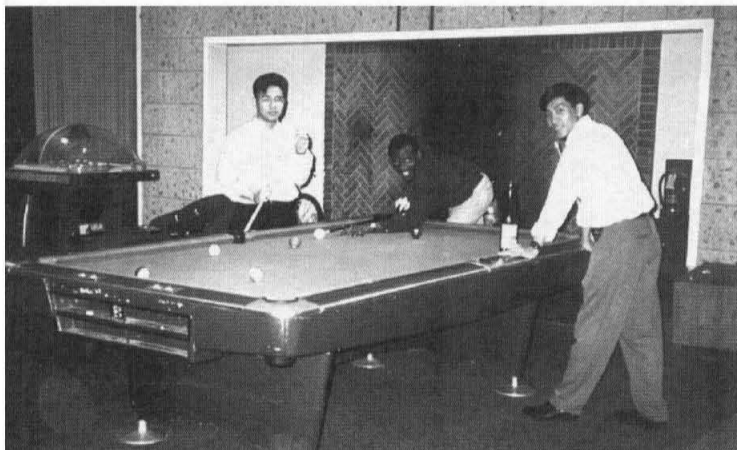
Michael Wong  
Sacramento, CA  
Chemical Engineering

"Shoopers." — "Dude, dude."



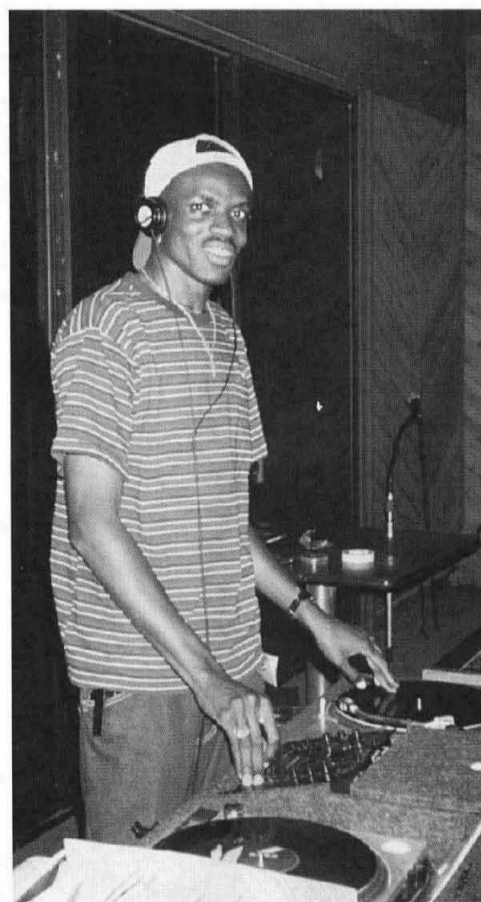
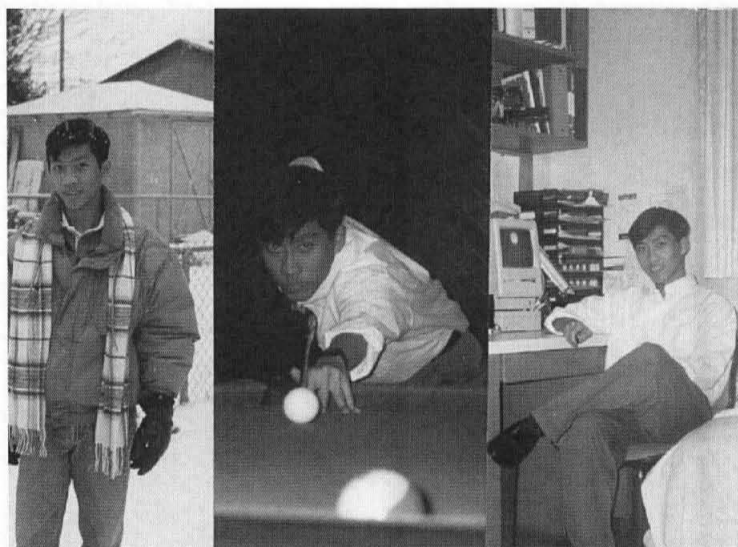
Maha Zewail  
Pasadena, CA  
Chemistry

Once upon a time there was a tavern  
 where we used to raise a glass or two  
 Remember how we laughed away the hours  
 and dreamed of all the great things we would do  
 Those were the days my friend  
 We thought they'd never end  
 We'd sing and dance forever and a day  
 We'd live the life we choose  
 We'd fight and never lose  
 For we were young. . .  
 and sure to have our way.



**William Zen**  
 Anaheim, CA  
 Biology/Economics

**Son Thanh Nguyen**  
 Portland, OR  
 Mechanical Engineering



**William J. Lavar  
 Moore**  
 Gastonia, NC  
 Physics

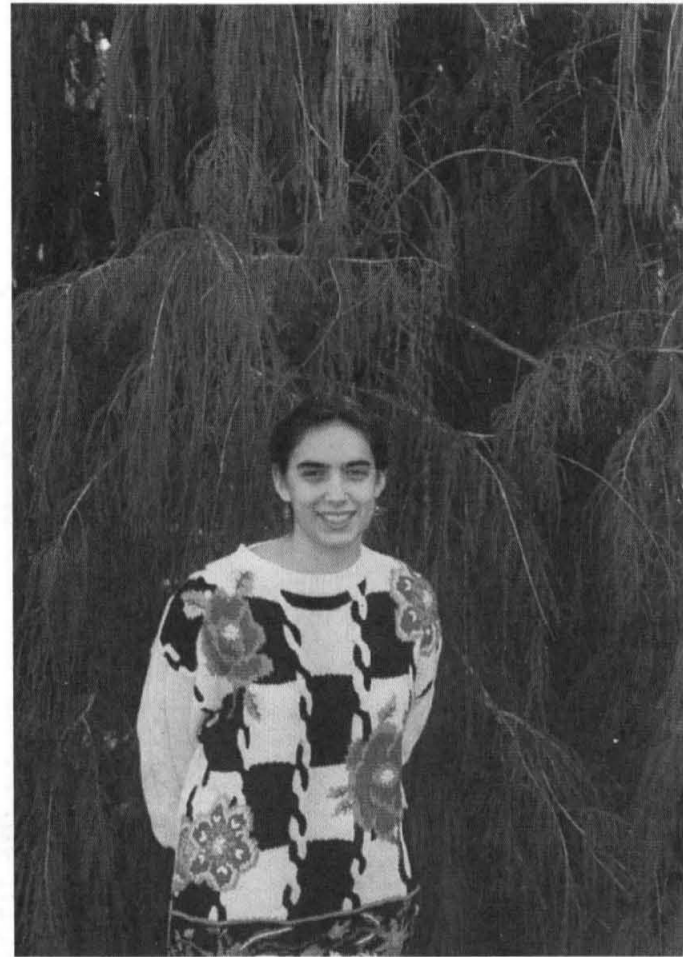
Life, you have beaten me. Still, with stinging wounds, I kiss your hands. Though you have tortured me until my joy was crushed, my hopes, my will for things I do not understand; though I have trembled at your power and wept in terror, hour by hour; for all our struggling, hate, and strife, I love you, life. Though what I build, you will destroy; though what I seek and hoard, you take; though you have snatched joy after joy from my weak hands, and though you break my heart, and all my dreams dispel, and silence every drum and fife that make my march less terrible . . . I love you, life. And, life, for all your cruel powers, for all your proud brutality; how wonderful the few brief hours, when you are kind to me. -A Man in the State Prison of Massachusetts





Joseph Chiu  
Cerritos, CA  
Computer Engineering

Sarah Deborah Martin  
Milwaukee, WI  
Electrical Engineering



David Krum  
San Diego, CA  
Computer Science

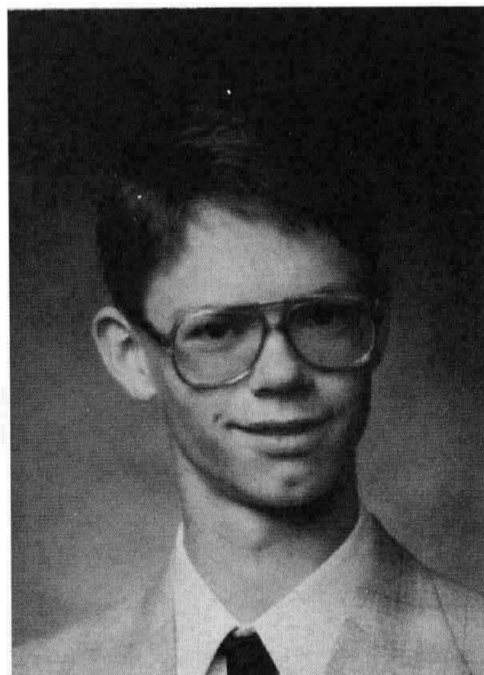
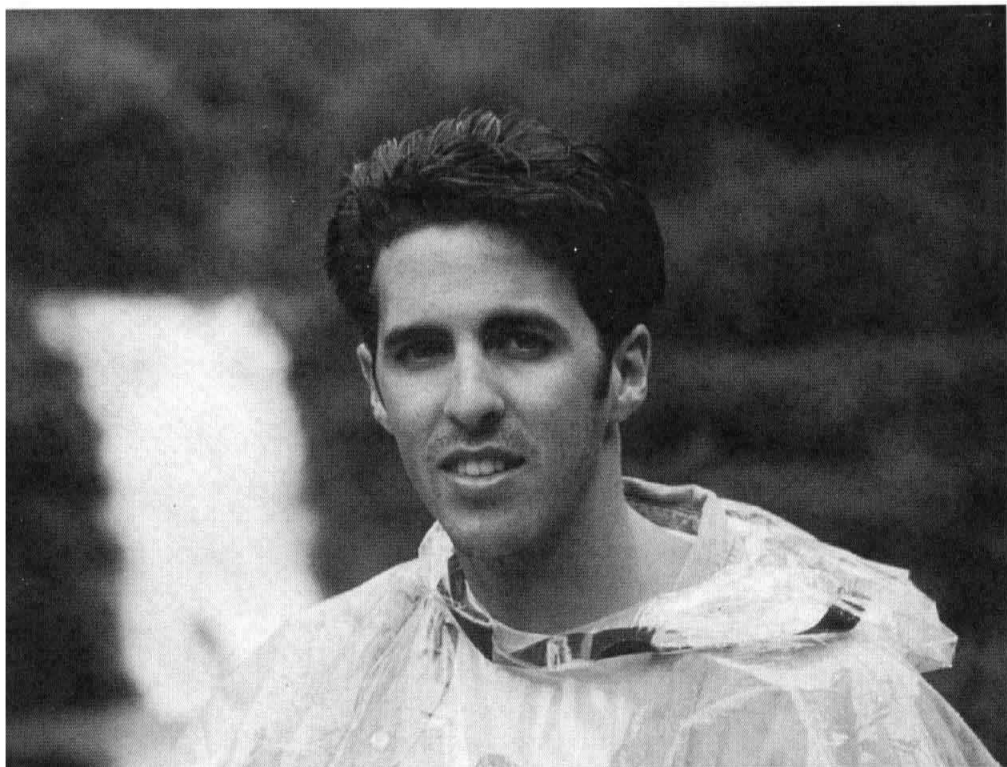
We shall not cease from  
exploration  
And the end of all our  
exploring  
Will be to arrive where  
we started  
And know the place for  
the first time.  
-T.S. Eliot

You only live twice:  
once when you are born,  
and once when you look  
death in the face. -Cmdr.  
J. Bond, C.M.G.,  
R.N.V.R.

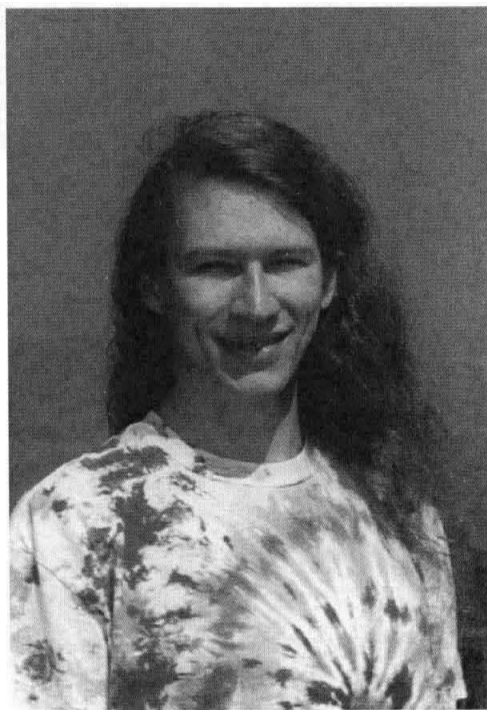
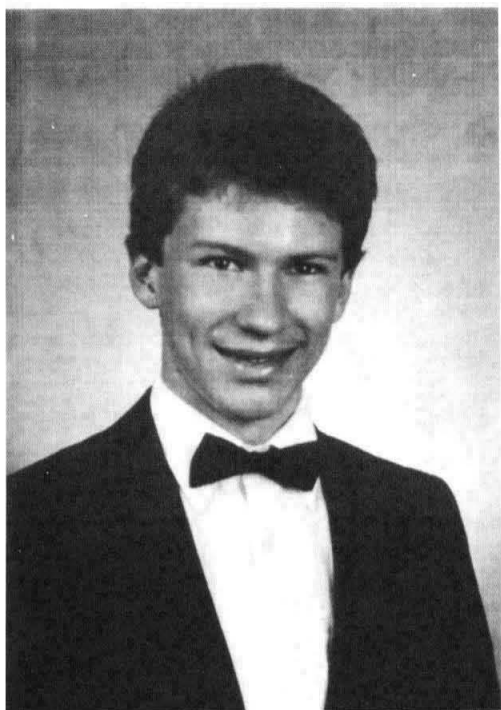
Fortune and Glory, kid,  
Fortune and Glory. —  
H. Jones, Jr.



Lance Larsh  
Richmond, VA  
Electrical Engineering



John Lindal  
Point Dume, CA  
Electrical Engineering



Seth Noble  
Fort Lauderdale, FL  
B.S./M.S. Computer Science

"If you can come away from something like this with just one thing worth keeping, then it has been worth all the effort."

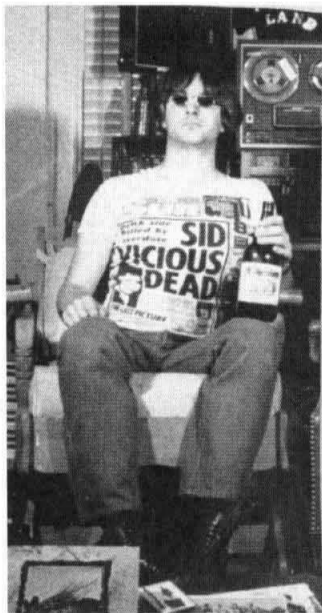




Wendy Belluomini  
San Jose, CA  
Computer Science

"We live in the shadowlands; the sun is always over the next hill, or around the next bend in the road."

Kevin Kraft  
Portland, OR  
Computer Science



Brett Warneke  
St. Helens, OR  
Electrical Engineering

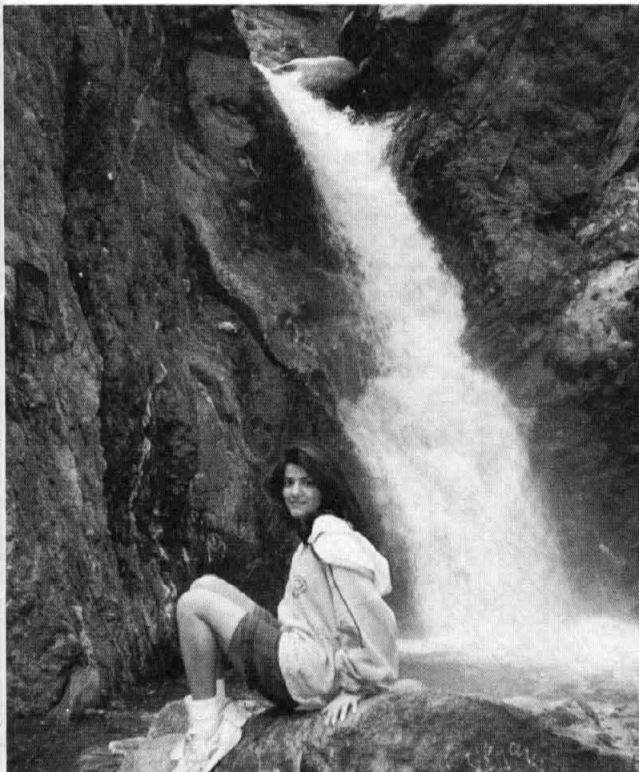
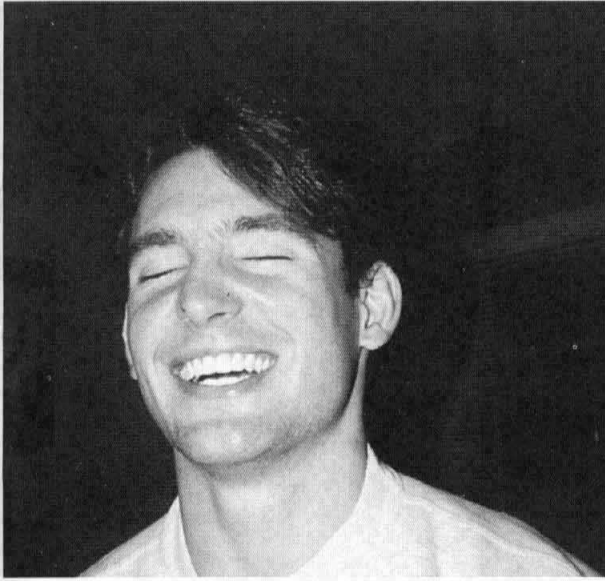
...Of making many books there  
is no end, and much study  
wearies the body. -Ecclesiastes  
12:12

I held on to my faith  
I struggled and I prayed  
And now I've finally found my  
way  
-Mariah Carey, "Make it  
Happen"



**Jeff Martin**  
**West Lafayette, IN**  
**Engineering and Applied Science**

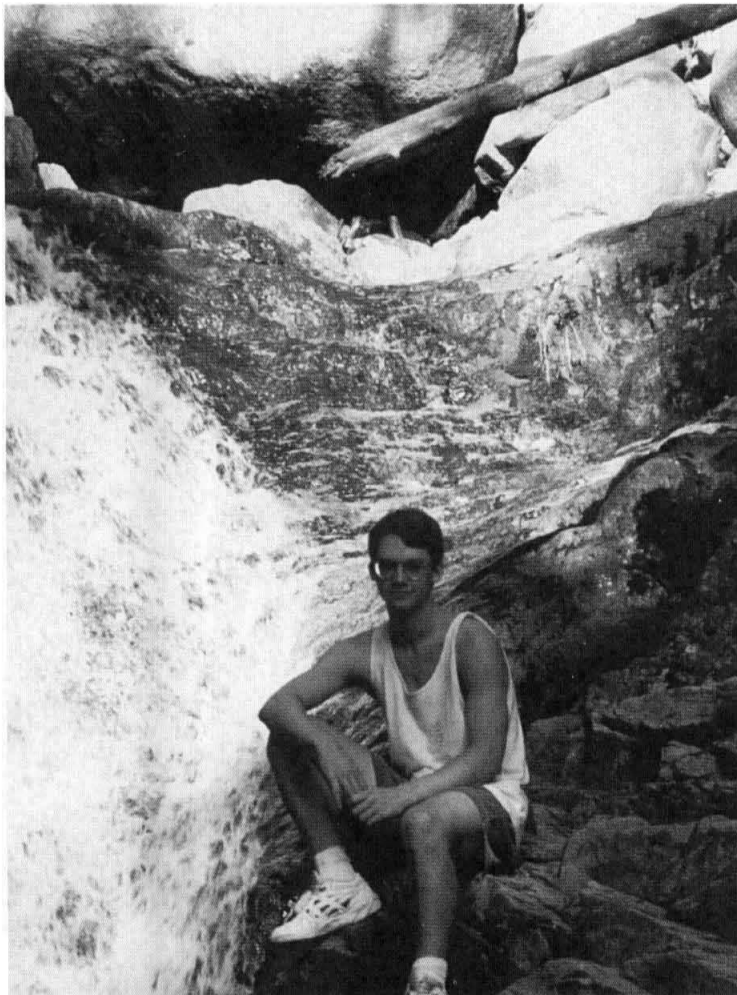
They called me Clitboy.



**Sofia Akber**  
**Timonium, MD**  
**Electrical Engineering**

infinitiland  
 taking into mind the nth term  
 if you live on like this  
 the echoes will resound  
 the zombic miseries

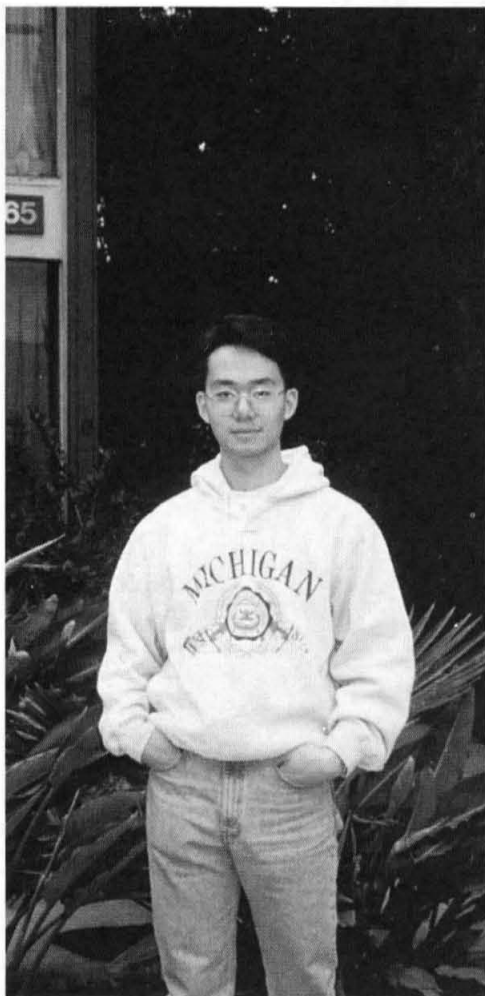
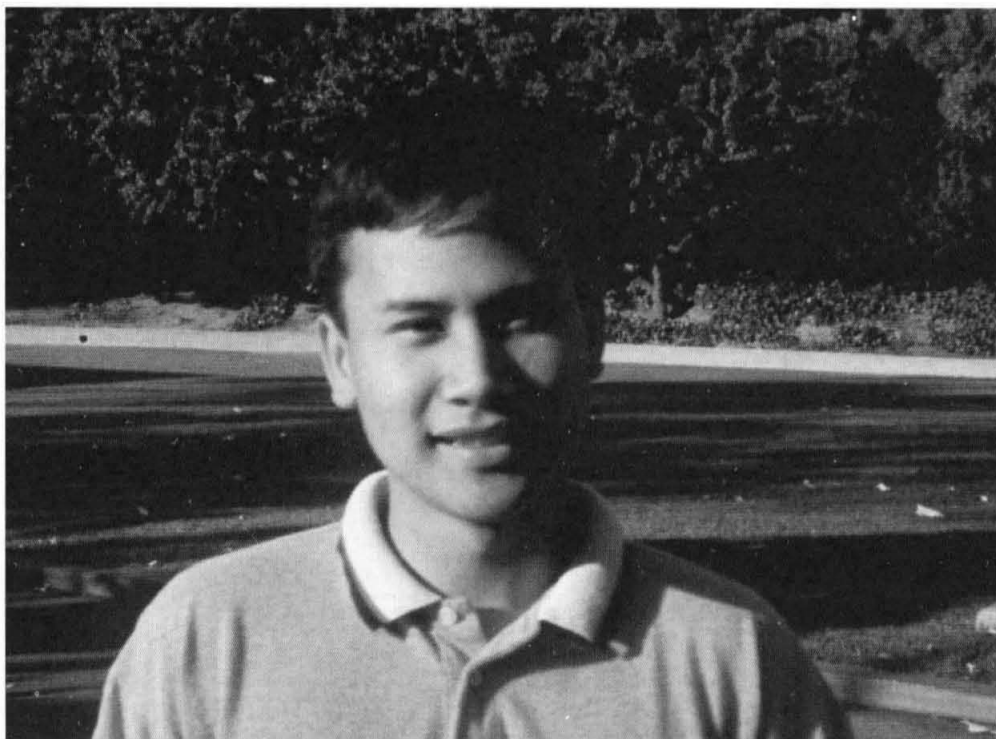
opposing mirrors  
 form a continental tun-null  
 those dreams are simply harmonic  
 so that vicious circles  
 only accelerate



**Aron Walter Rempel**  
**Abbotsford, British**  
**Columbia**  
**Applied Physics**

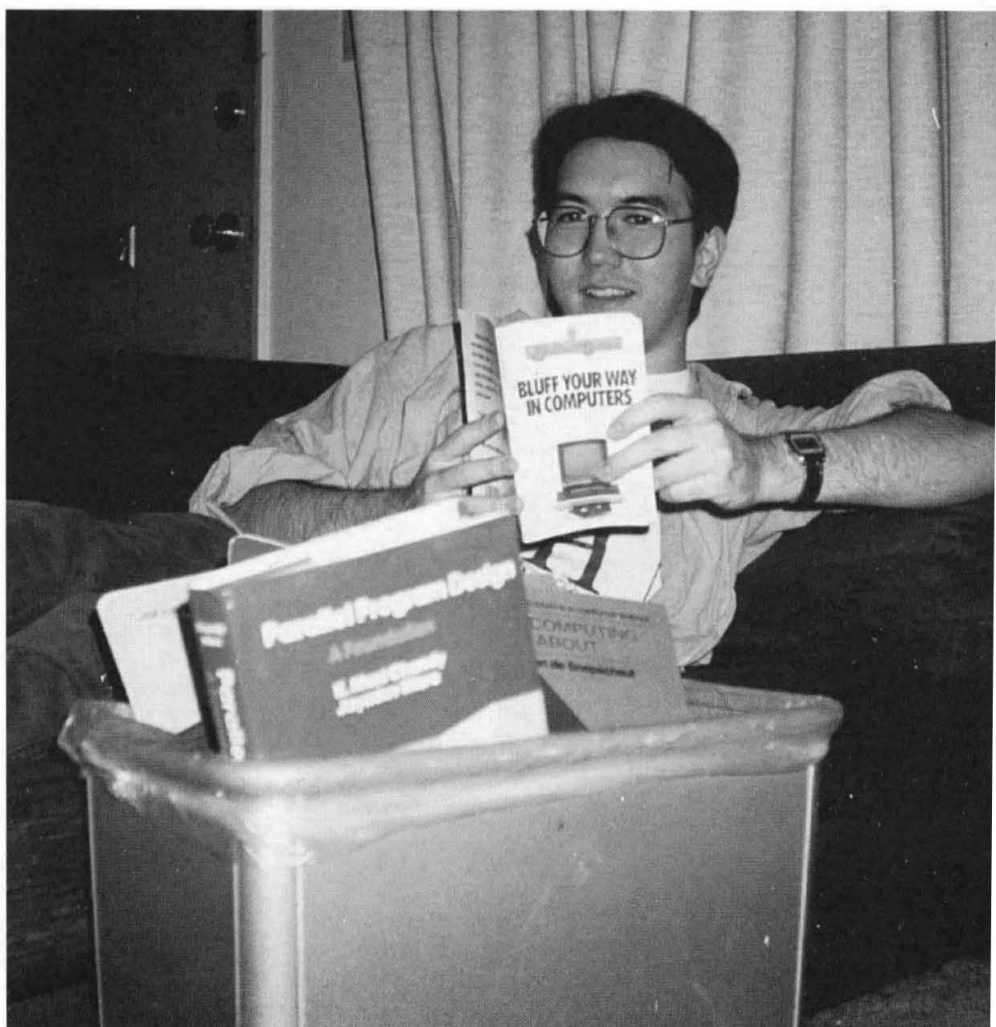


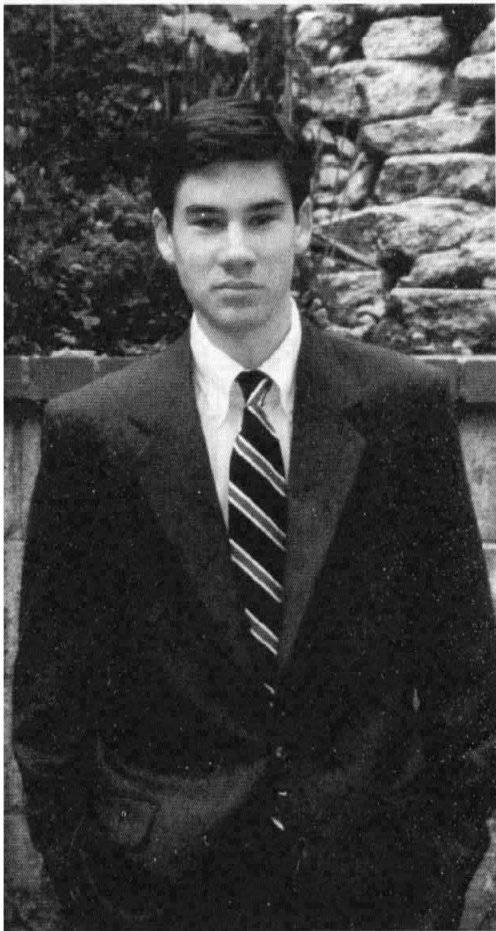
Paul Jonathan E. Go  
Electrical Engineering  
Cebu City, Philippines



Thomas King-Hong Leung  
Electrical Engineering  
Hong Kong

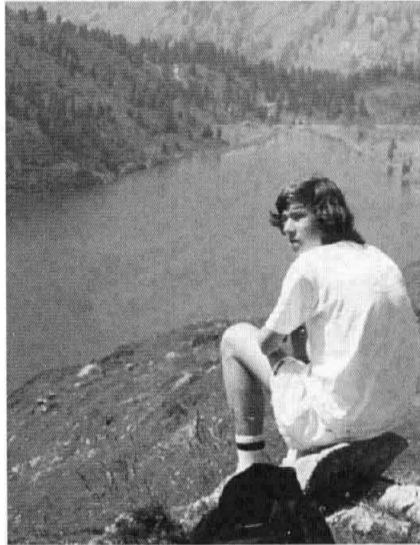
Paul Ainsworth  
Computer Science  
Medford, OR





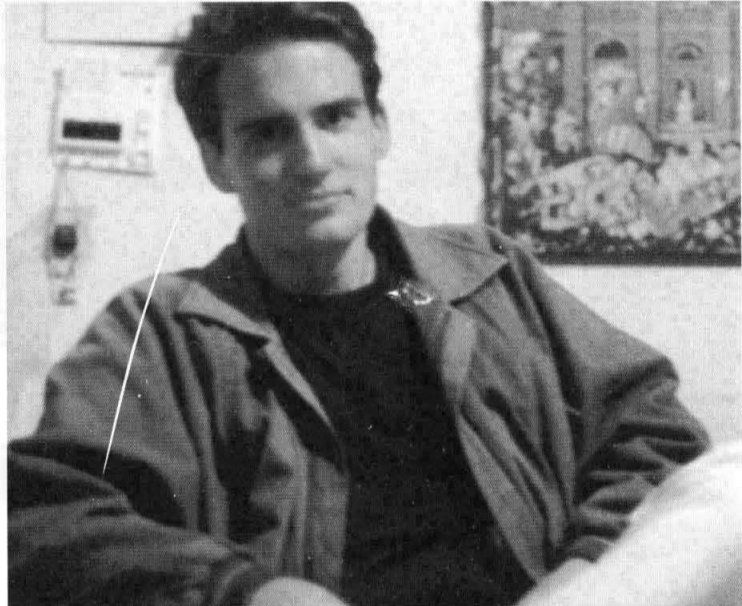
**Julian Jamison**  
Math  
Pacific Palisades, CA

Nothing is too wonderful to be true.  
Michael Faraday



**Andrew Lines**  
Computer Science  
Seattle, WA

Live forever or die trying.



**Michael Andrew Clemens**  
Environmental Engineering  
New York City, NY

La luz en las tinieblas resplandece, y las tinieblas  
no prevalecieron contra ella.  
San Juan



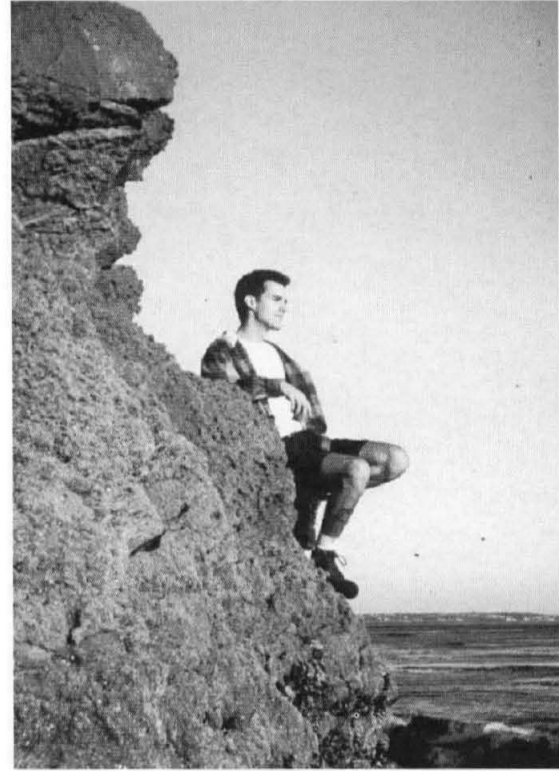


Jonathan Baker  
Physics  
Brevard, NC

You better work. -RuPaul

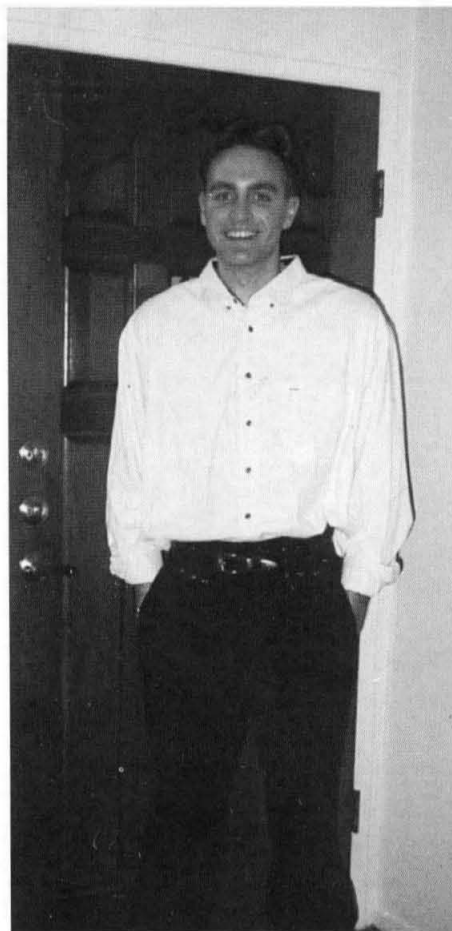
Peter Carlin  
Computer Science  
Fairfax, VA

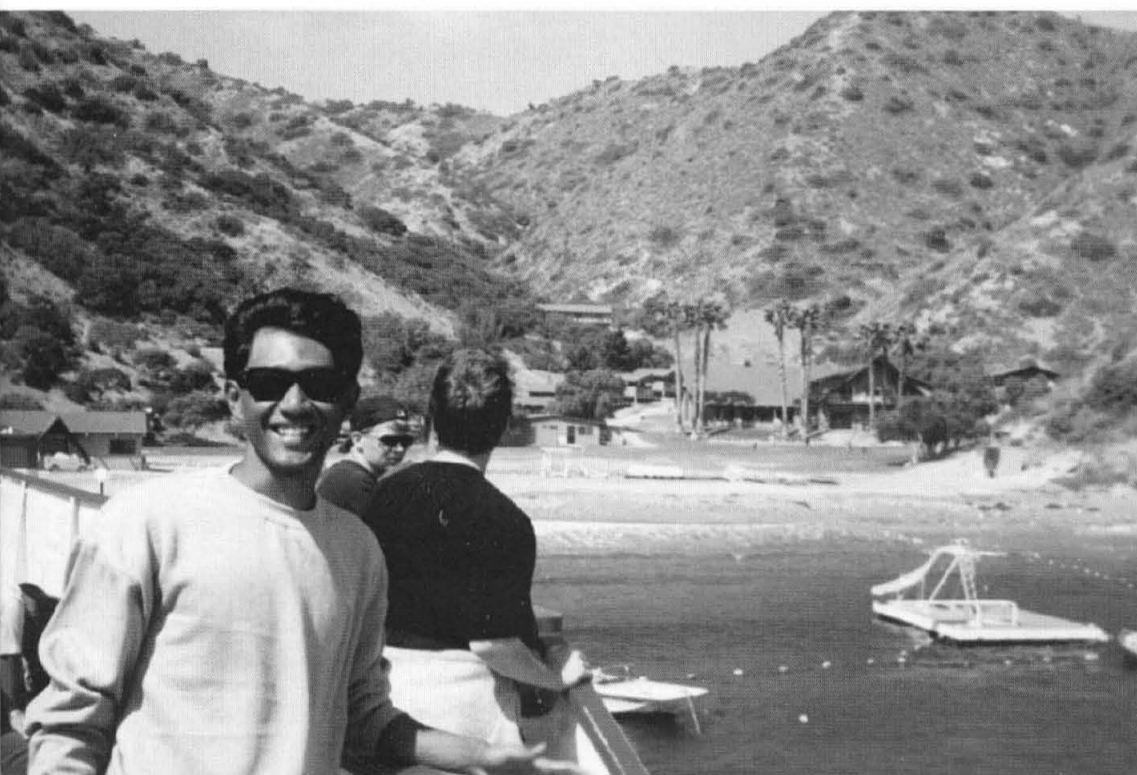
In the absence of a land ethic, economics simply shows how to maximize technology's short-run output and its long-run devastation.  
Phil Reno



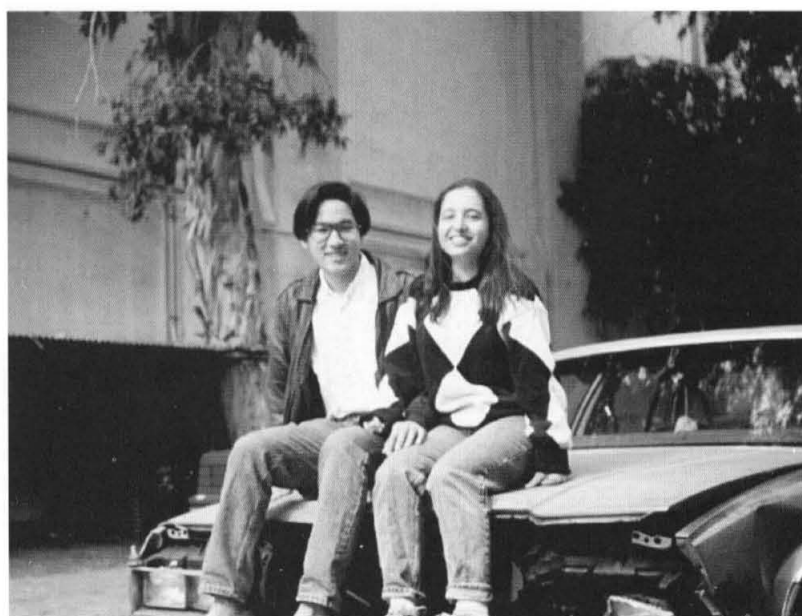
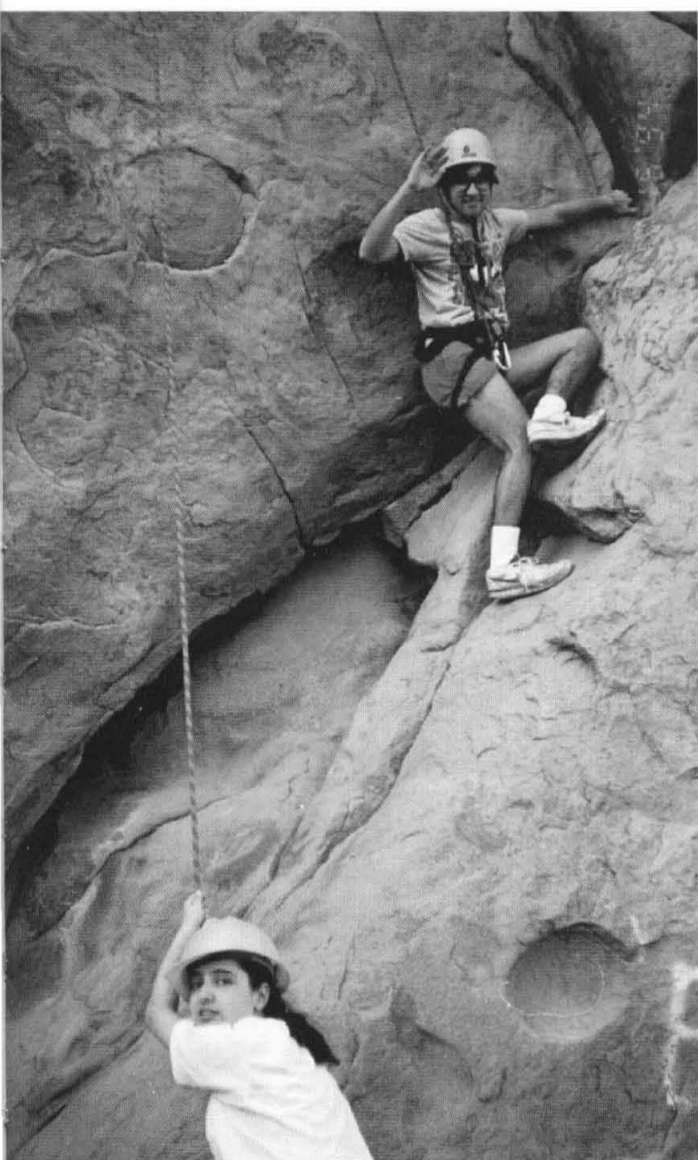
Christopher Ward  
Electrical  
Engineering  
Burbank, CA

The blinding is increasing and so at last over I have returned to the place where I've never been before.  
Einsturzende Neubauten





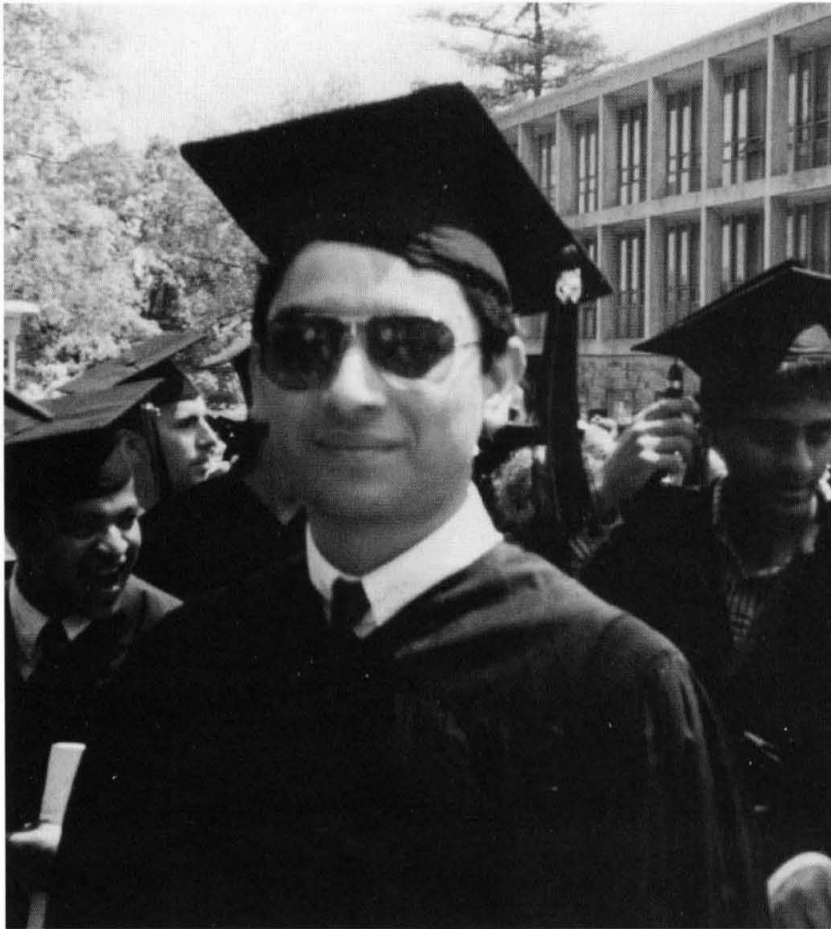
Alvin J. Daniel  
Electrical  
Engineering  
Kuala Lumpur



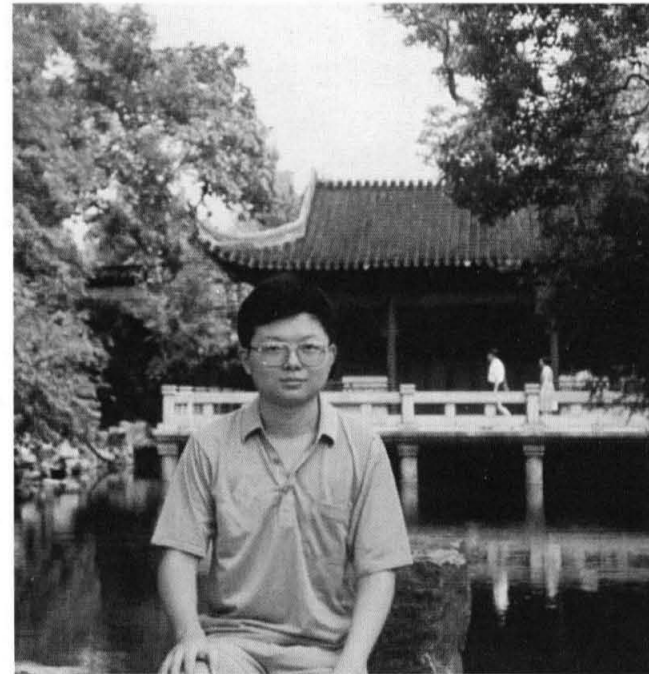
Steven Sandberg  
Computer Science  
Riverside, CA

Berta Yezrielev  
Computer Science &  
Applied Math  
Kendall Park, NJ





Jonathan Xinling Liang  
Electrical Engineering & Economics  
Shanghai, P. R. China

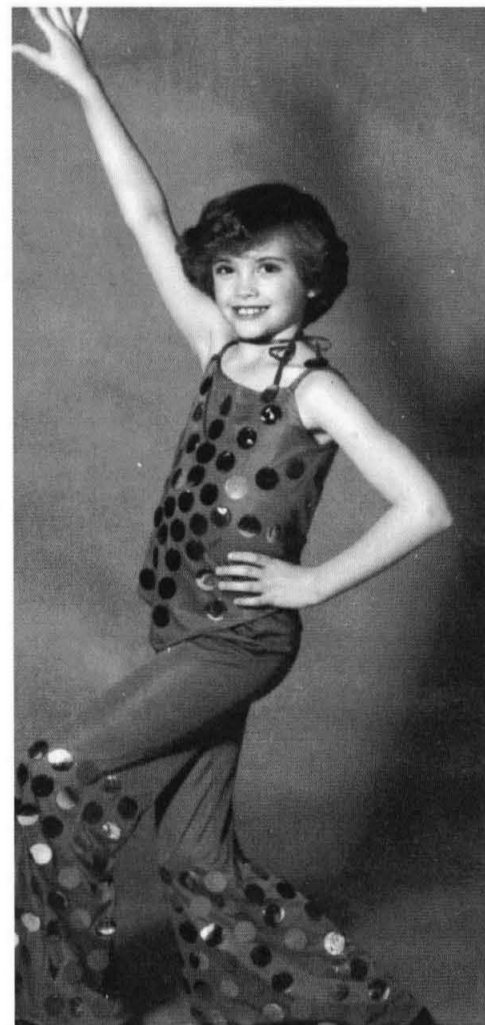


Sharif Mustafizur Rahman  
Electrical Engineering  
Dhaka, Bangladesh



Nicole Cherry  
Electrical Engineering  
Hermiston, OR

Skoal! to the Northland! skoal!  
Thus the tale ended.  
Longfellow

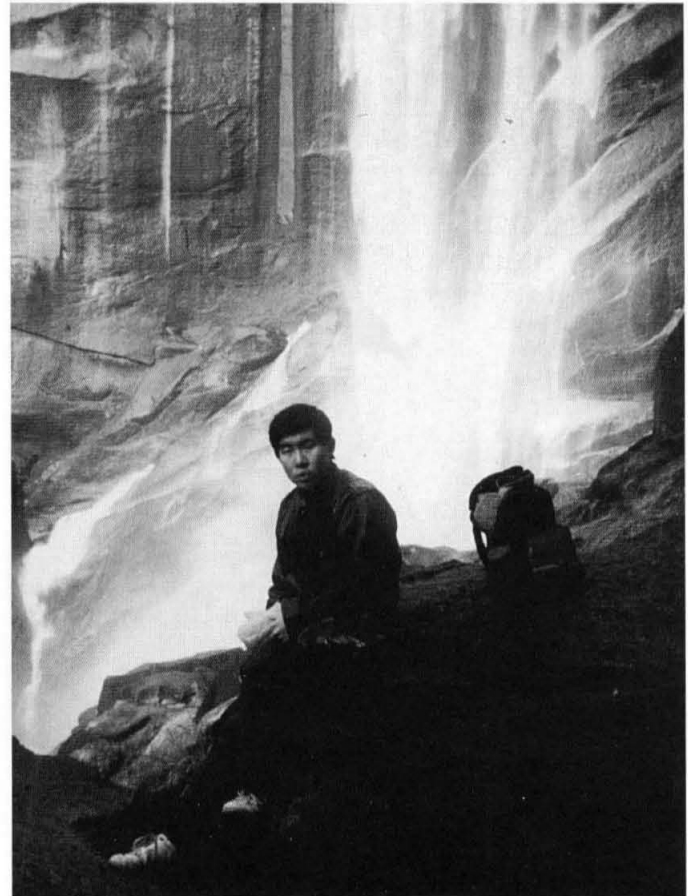




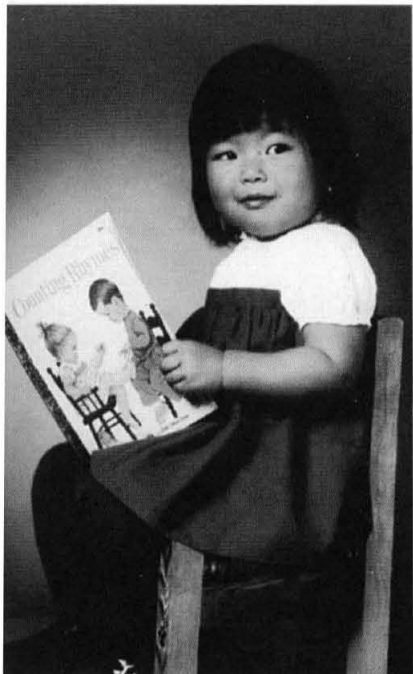
**Siddhartha Agarwal**  
Computer Science & Economics  
New Delhi, India

If our friendship depends on things like space and time, then when we finally overcome space and time, we've destroyed our own brotherhood! But overcome space and all we have left is **here**. Overcome time, and all we have left is **now**. And in the middle of here and now, don't you think we might see each other once or twice?

*Jonathan Livingston Seagull, Richard Bach*



**Tai Jing**  
Electrical Engineering and Applied  
Math  
Xi'an City, P.R. China



**Sandee Perez**  
Electrical Engineering  
Modesto, CA



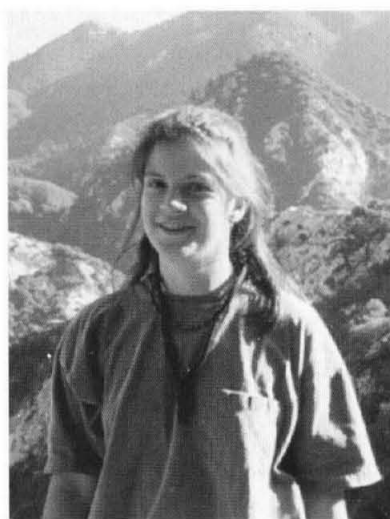
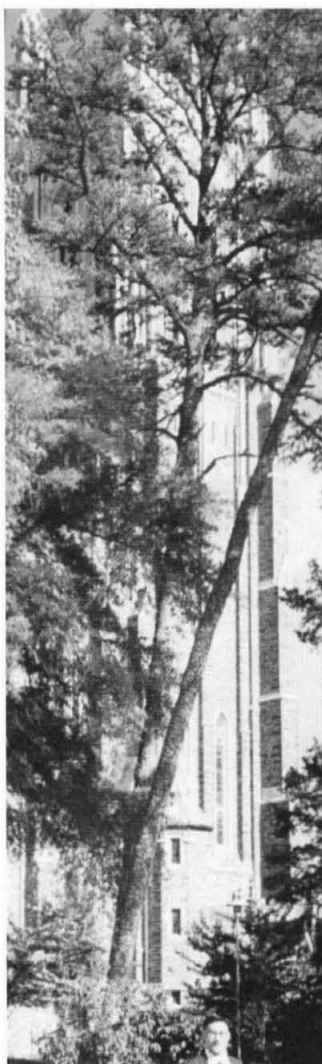




... And after a long time the boy came back again.  
 "I am sorry, Boy," said the tree, "but I have nothing left to give you — My apples are gone."  
 "My teeth are too weak for the apples," said the boy.  
 "My branches are gone," said the tree.  
 "You cannot swing on them—" "I am too old to swing on branches," said the boy.  
 "My trunk is gone," said the tree.  
 "You cannot climb—" "I am too tired to climb," said the boy.  
 "I am sorry," sighed the tree. "I wish that I could give you something... but I have nothing left. I am just an old stump. I am sorry..."  
 "I don't need very much now," said the boy, "just a quiet place to sit and rest. I am very tired."  
 "Well," said the tree, straightening up, "well, an old stump is good for sitting and resting. Come, Boy, sit down. Sit down and rest."  
 And the boy did.  
 And the tree was happy...

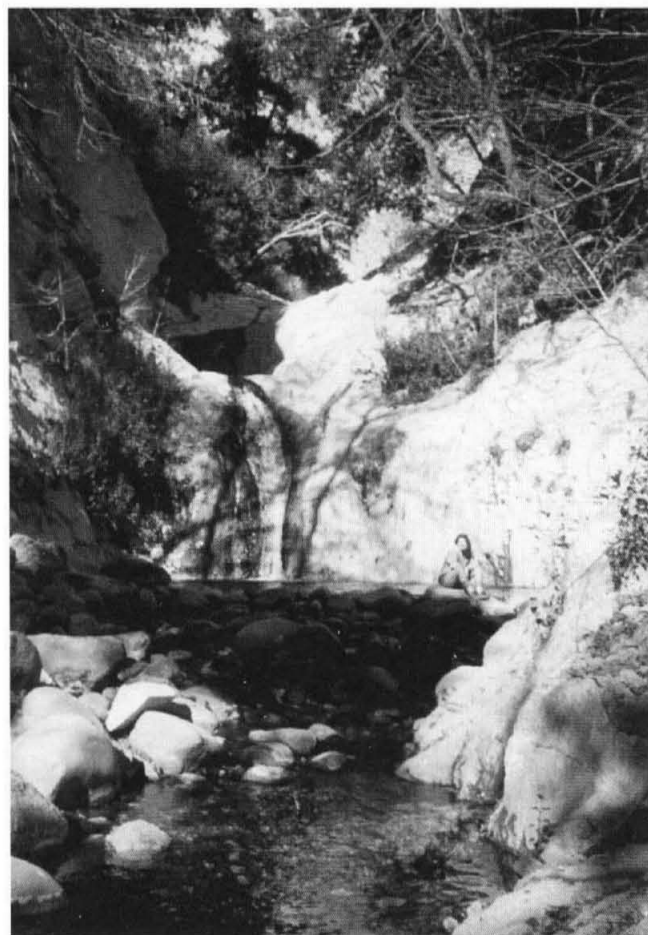
*The Giving Tree*, by Shel Silverstein

**Jason T. Lee**  
 Biology  
 Diamond Bar, CA



**Kathryn Sackett**  
 Mechanical Engineering  
 Salt Lake City, UT

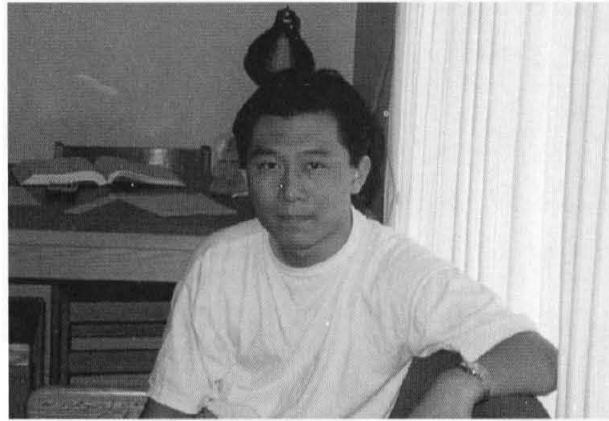
If a man knows not what harbor he seeks,  
 any wind is the right wind.  
 Seneca



**Russina Sqoureva**  
 Applied Math  
 Sofia, Bulgaria



We are all one body, one voice, one spirit  
 i will rejoice in your finest days  
 as if they were my own, just as you will mine  
 isn't it strange that our lives are so intertwined  
 when our dreams have carried us so far away. . .  
 friends always, McManus Angels (C.H.W.).



Wayne Wei-Ching  
 Chen  
 Biology  
 Palos Verdes, CA



Michael "Zeus" Su  
 Applied Physics  
 San Francisco, CA



Albert Lekuo Lee  
 Electrical Engineering  
 Charlottesville, VA



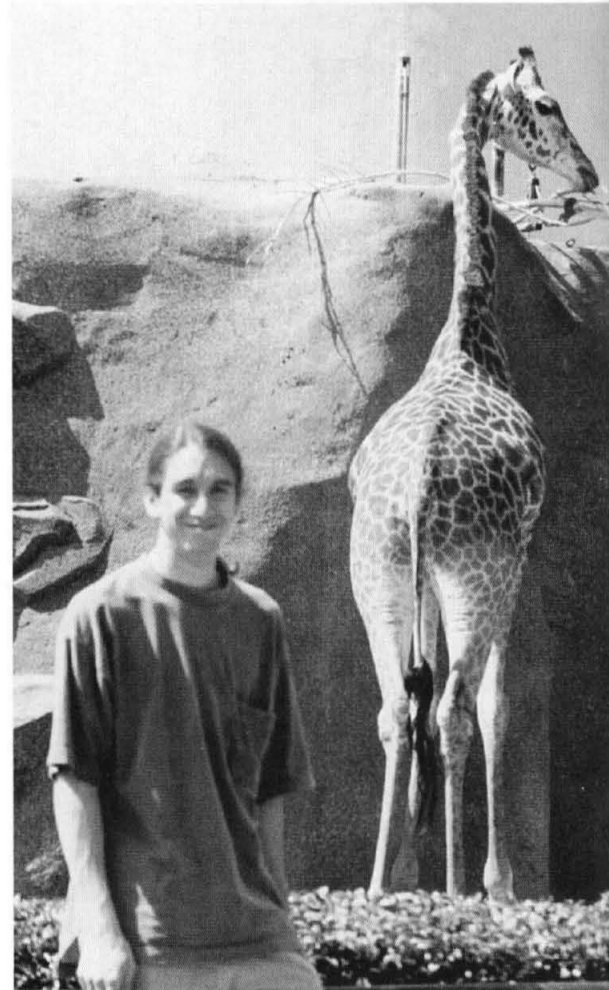
Suneal  
Chaudhary  
Electrical  
Engineering  
Morganville, NJ

Time is the great  
physician.  
Prime Minister  
Benjamin Disraeli



To say: "My soul be satisfied with flowers, with fruit, with weeds even; but gather them in the one garden you may call your own." So when I win some triumph, by chance, render no share to Caesar-in a word, I am too proud to be a parasite, and if my nature wants the germ that grows towering to heaven like the mountain pine or like the oak, sheltering multitudes-I stand, not high it may be-but alone!  
Cyrano-Saviniern-Hercule De Bergerac

Only a process of final causation-i.e., the process of choosing a goal, then taking the steps to achieve it-can give logical continuity, coherence and meaning to man's actions.  
Ayn Rand

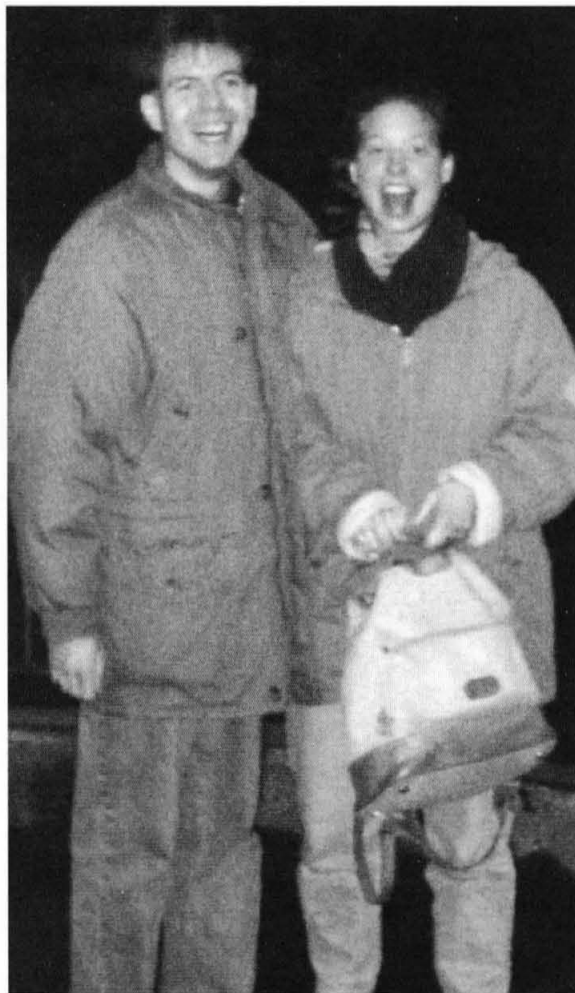
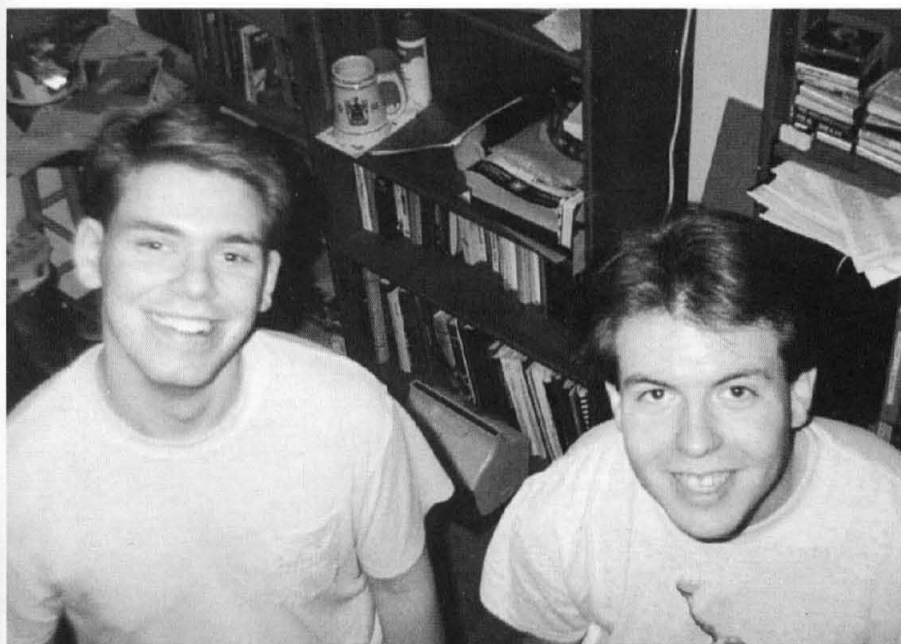


Andrew Zug  
Mechanical Engineering  
Lancaster, PA

Elizabeth Barton  
Physics & Math  
East Windsor, NJ

Was the spade six good? Was that little heart? One could not always be certain about such things, but the percentage play, as the Rabbit explained later, favored the spade. The six being better than the four there was a greater chance that it would turn out to be a master. -Victor Mollo

Brian P. McAllister  
Physics  
Cherry Hill, NJ

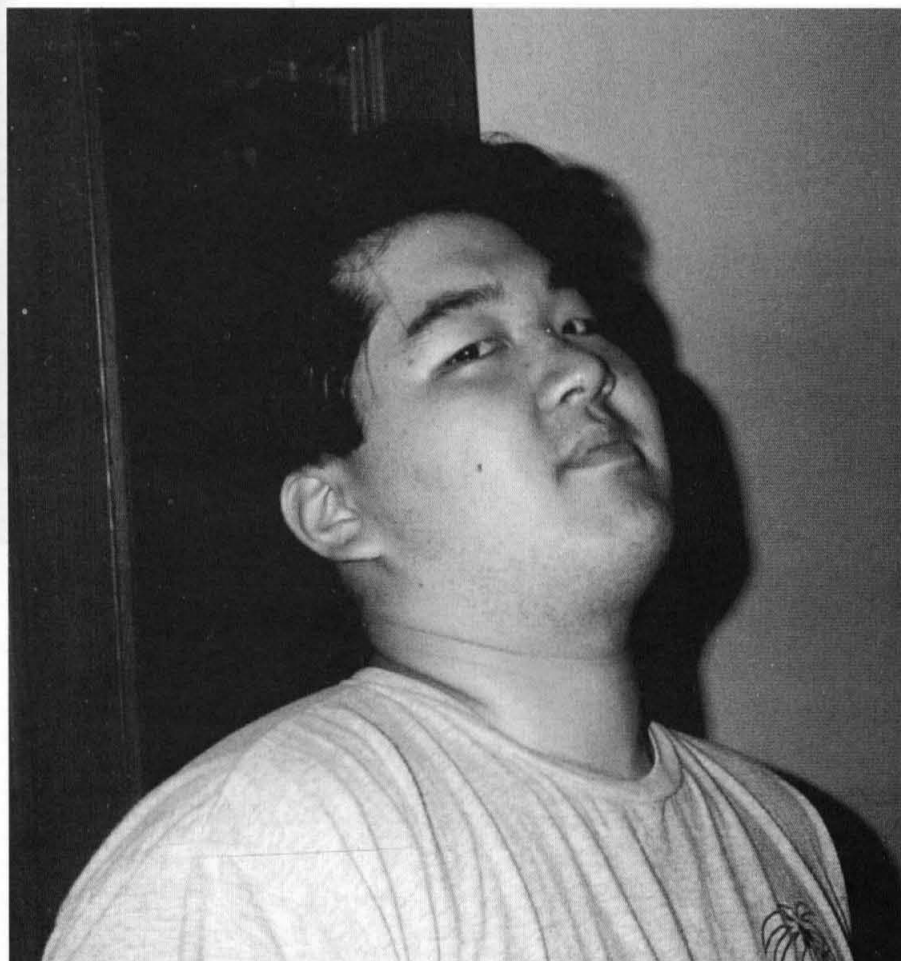


Michael Brundage  
Mathematics  
Midwest City, OK

Beware the fury of a patient man.  
-John Dryden

It is the hardest thing in the world to frighten a mongoose, because he is eaten up from nose to tail with curiosity. The motto of the mongoose family is, "Run and find out."  
-Rikki-Tikki-Tavi, Rudyard Kipling

Don Hideyasu Matsubayashi  
Materials Science  
Monterey, CA





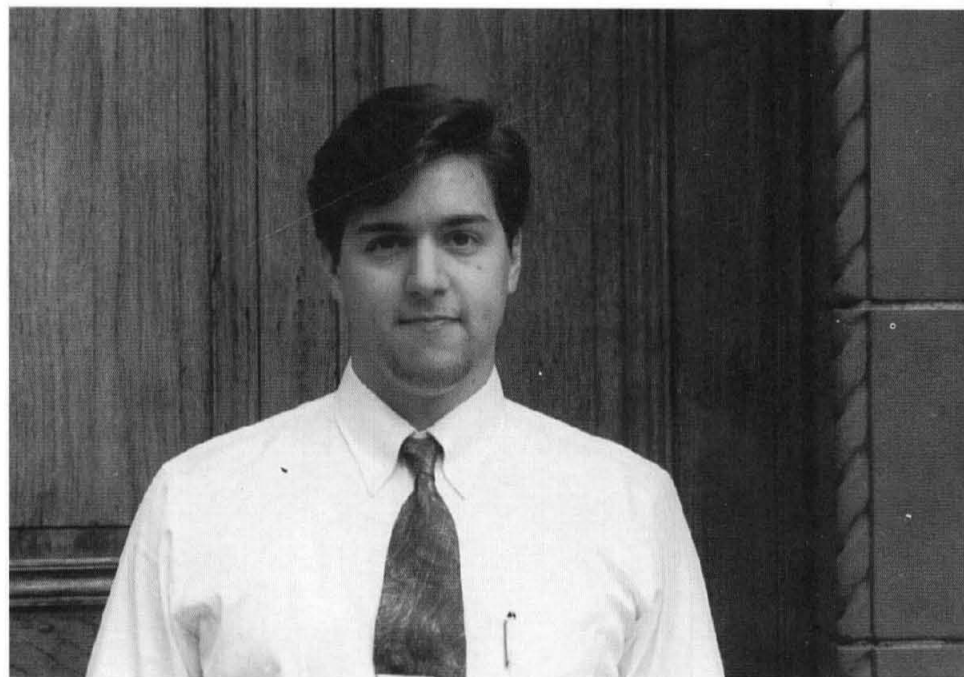
Ted Turocy  
Columbus, OH  
Engineering & Applied Science



Michael Hoskins  
Gunnison, CO  
Engineering & Applied Science



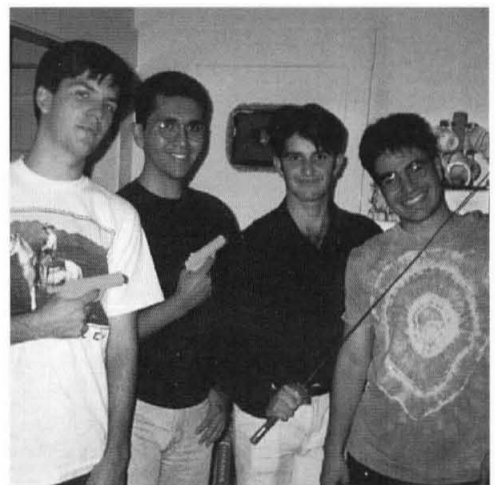
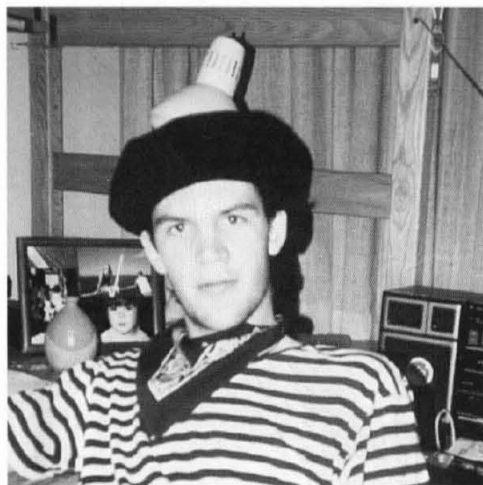
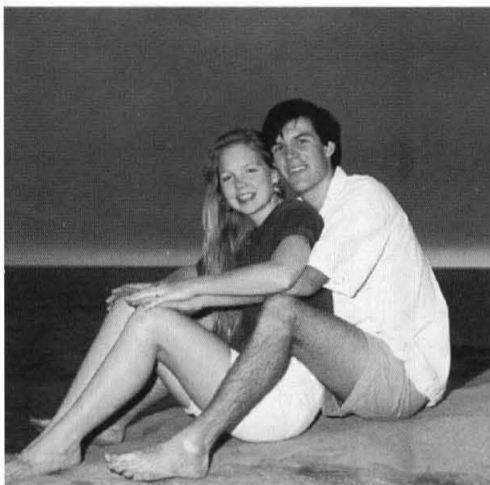
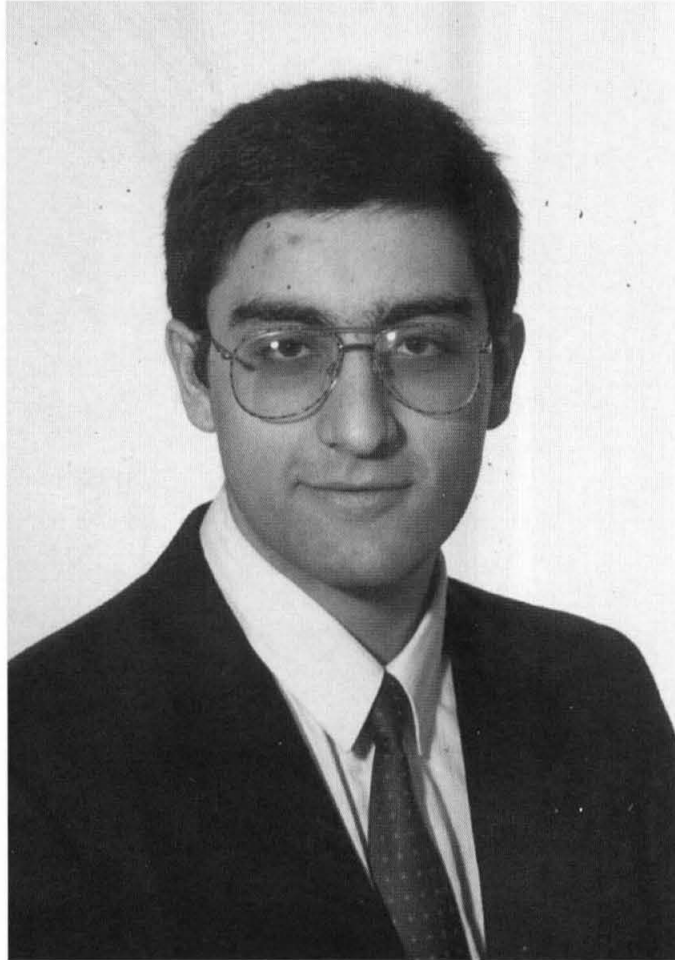
Uri Cummings  
Sonoma, CA  
Electrical Engineering



Dan Lipofsky  
Rockledge, FL  
Engineering & Applied Science



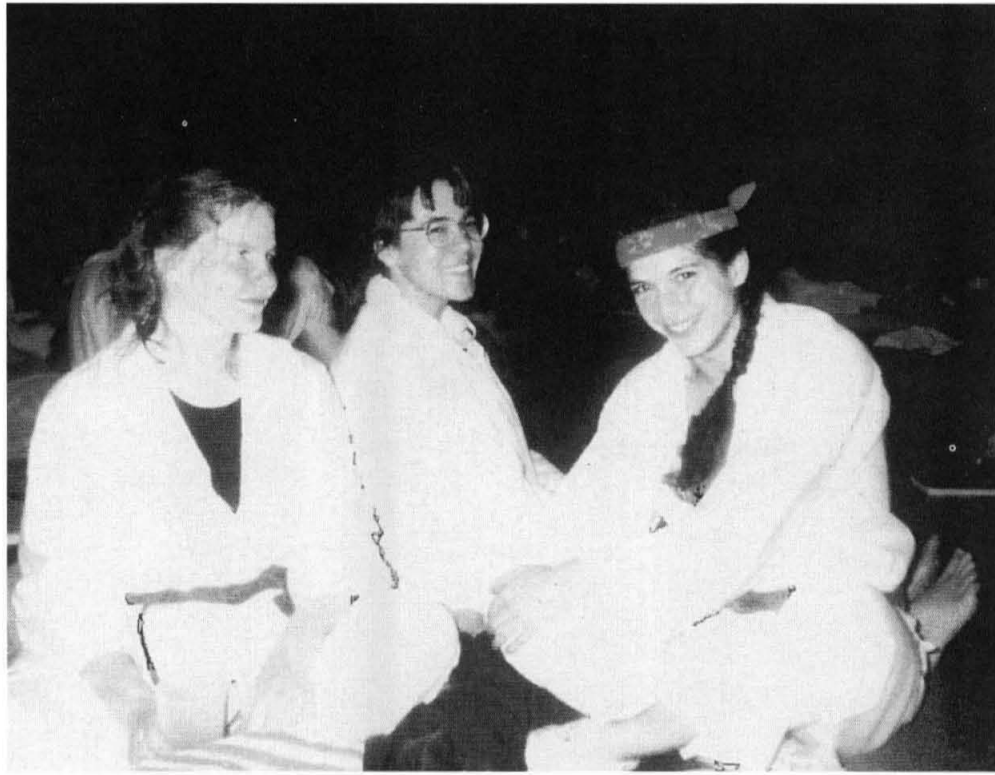
Gerard Ketefian  
Glendale, Ca  
Engineering & Applied Science



Joshua Walker  
Ketchum, ID  
Engineering & Applied Science



Betsy Marvit  
Pasadena, CA  
Engineering & Applied  
Science



"Science is dead, children. Run and tell your mothers."

Matthew Derer  
Arlington Heights, IL  
Engineering & Applied Science



Sonny Arcilla  
Spring Valley, CA  
Engineering & Applied Science/Economics

1-800-ARCILLA



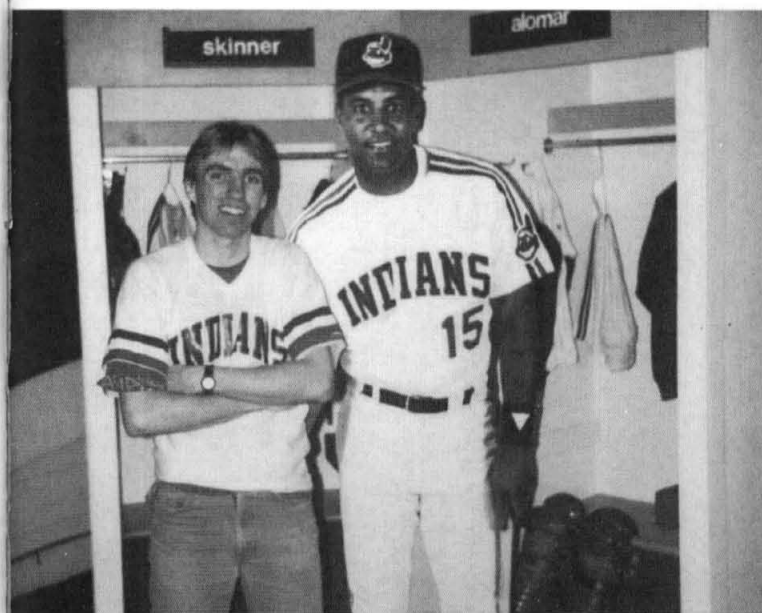
At night, the ice weasels come. — Nietzsche

Kristin McAdams  
Colorado Springs, CO  
Physics



Jessica Barnett  
Santa Rosa, CA  
Social Science

Love, like warmth, should beam forth on every side. — Martin Luther



John Haba  
Cleveland, OH  
Political Science

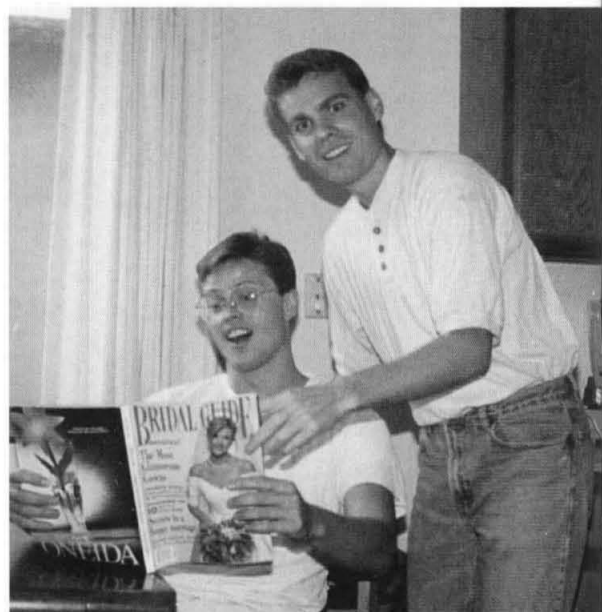


Aaron Hawkins  
Applied Physics  
Kirtland, NM

Even in this part of the world we are not entirely without civilization. . . I'd very much like to see you in it.  
-Rene Bellach  
Fetch!

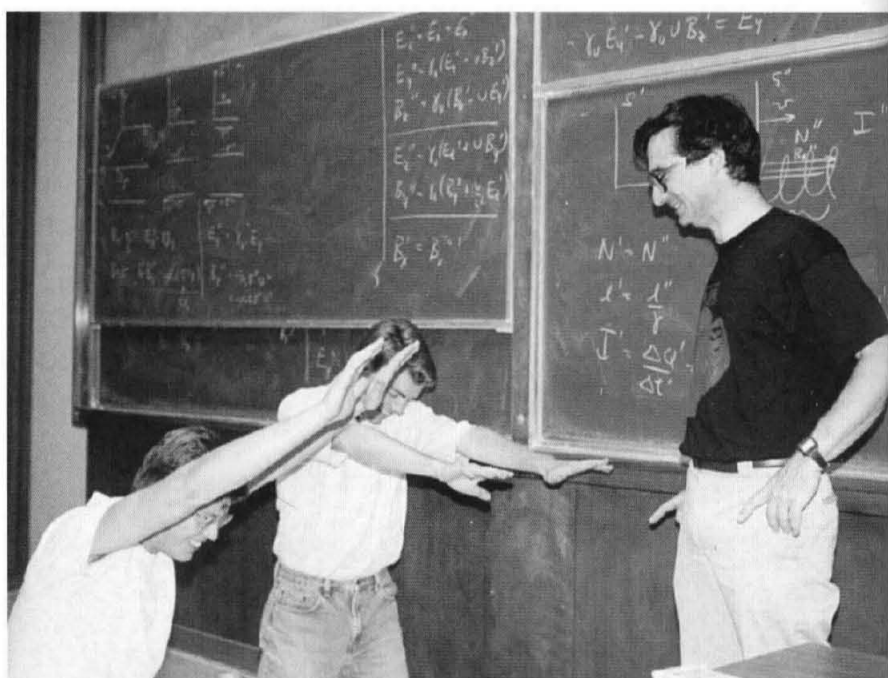
Justin Lawyer  
Physics/Literature  
Parker, CO

There are many things in my life that were lift untried but when I pulled one of those threads it unravelled the tapestry of my life. — Jean-Luc Picard



Dan Millward  
Chemistry  
Missoula, MT

Nemo me impune lacesset.  
There's no such thing as overkill.



Doug Rowland  
Physics  
Allison Park, PA

To have fun at Caltech, you've  
got to suck harder than it  
does.

Lisa Joyce Moesker  
Applied Physics  
St. Petersburg, Florida

Life is complicated but fun. -  
Dr. Harry Atwater.



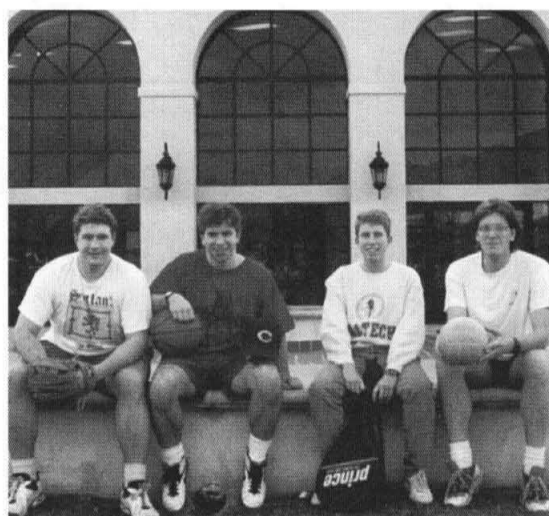
Dan Rudisill  
Engineering & Applied Science  
Julian, CA

Here's to a fun job, good health, a loving family, and  
sharp skates.





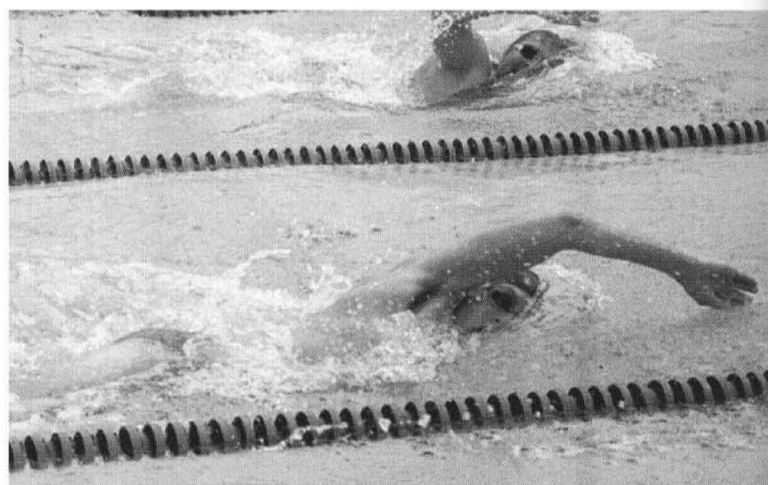
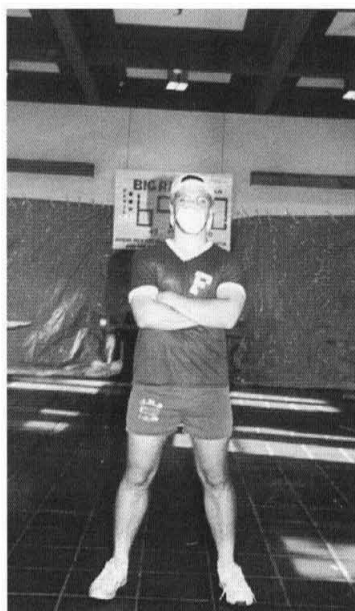
Derek Surka  
Welland, Ontario Canada, eh!  
Aeronautics



Forrest Long  
Los Altos, CA  
Chemistry

Roger Moore  
Loveland, CO  
Chemistry

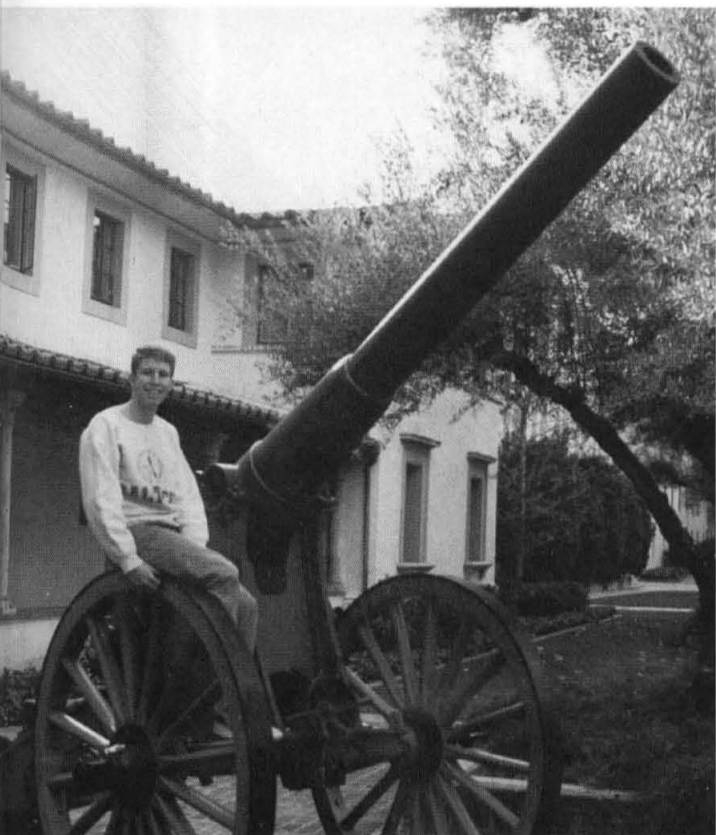
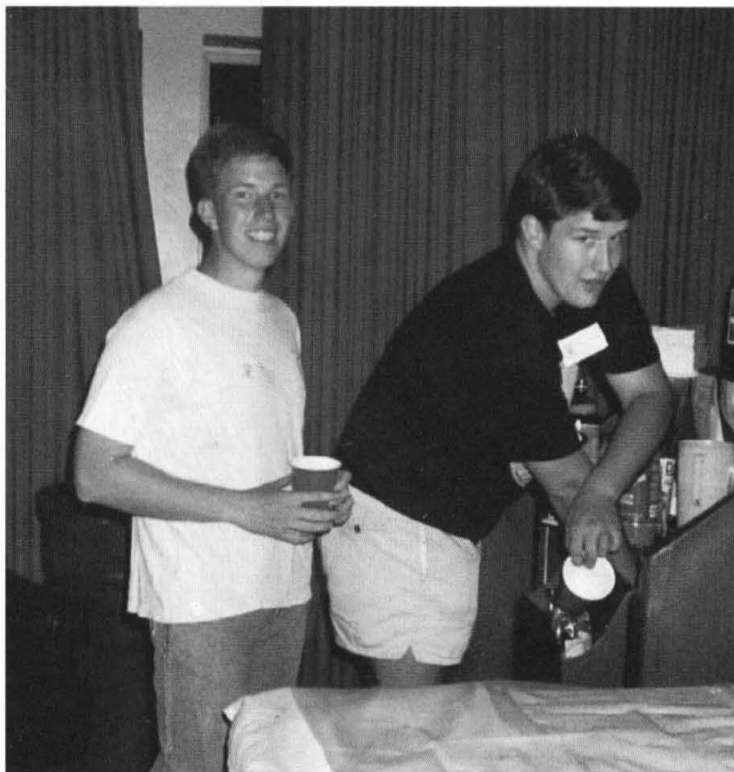
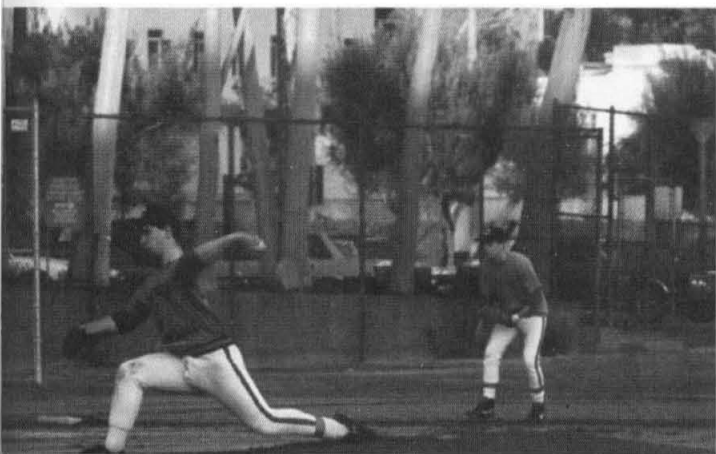
Here's to champagne for  
your real friends, and to real  
pain for your sham friends.





Ow.

Jeff Pasquino  
Williamstown, NJ  
Applied Physics



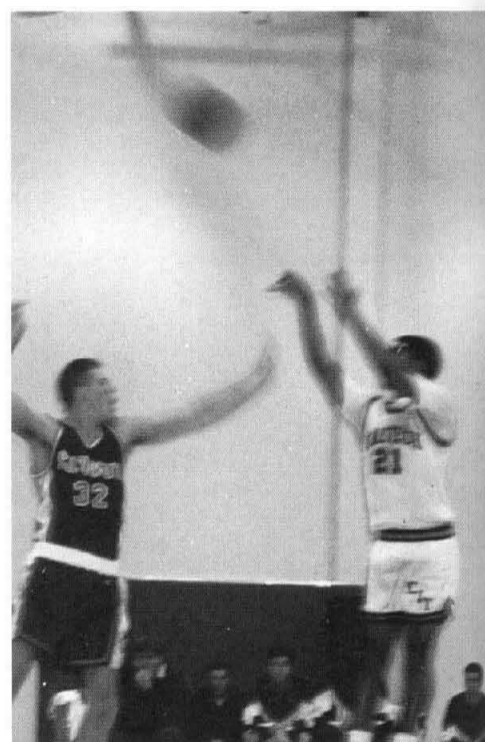
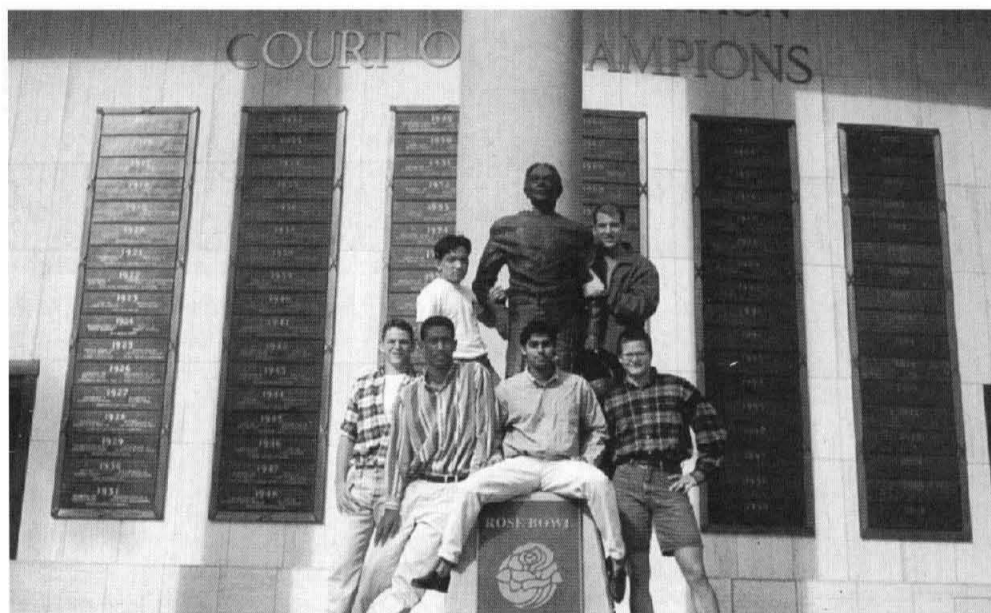
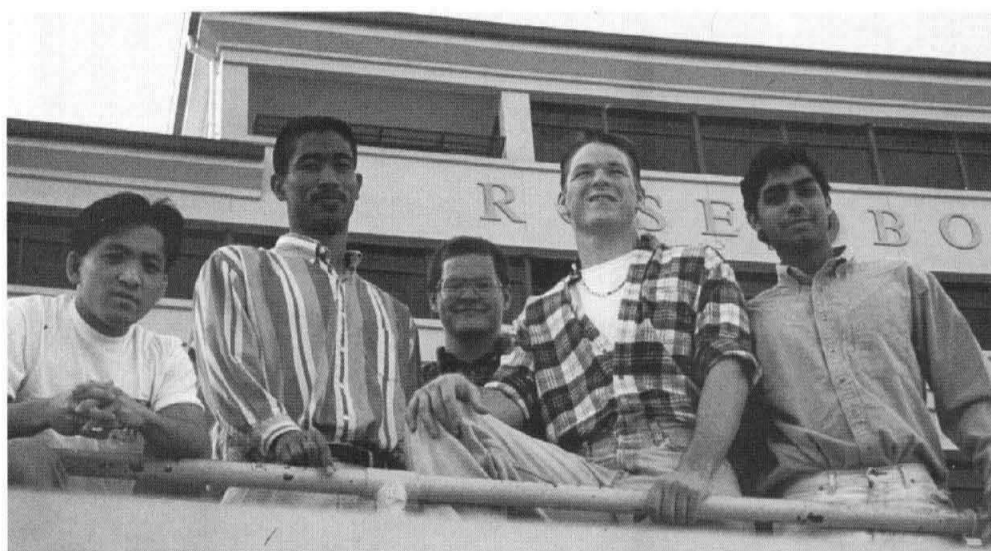
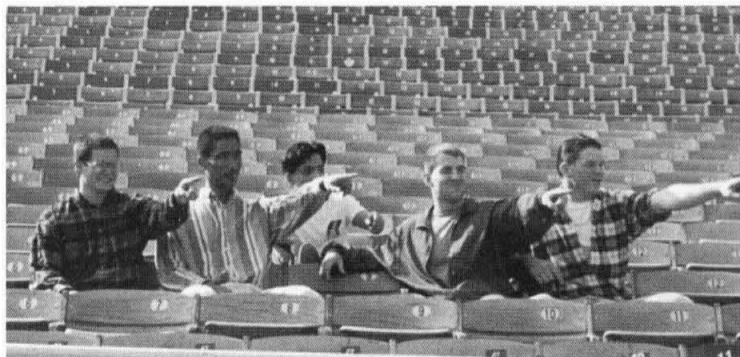
It's good to be the king.



Jim, there's a fish in my hand.

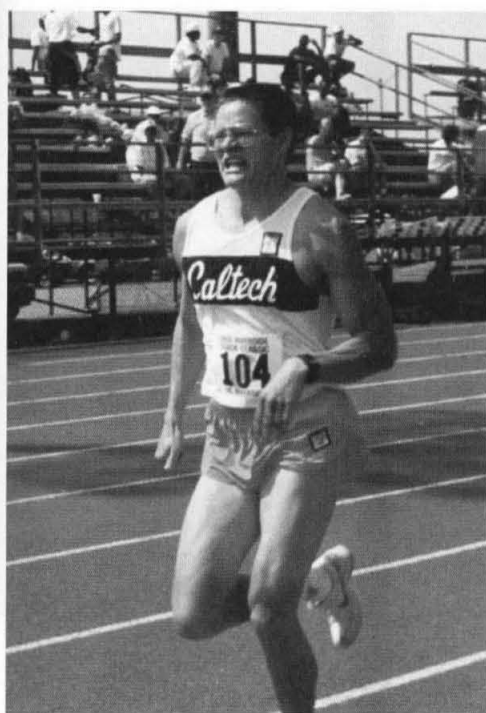
Eric Loftsgaarden  
Missoula, MT  
Mathematics



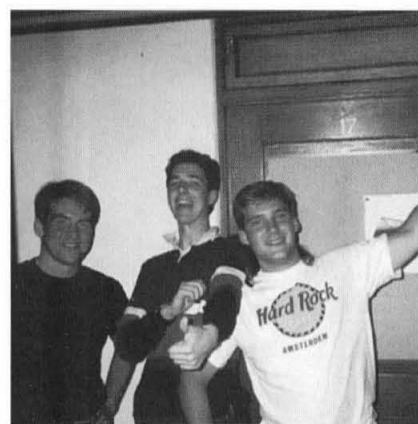


Winning isn't everything... but  
it sure beats the heck outta  
whatever comes in second.  
-Vince Lombardi

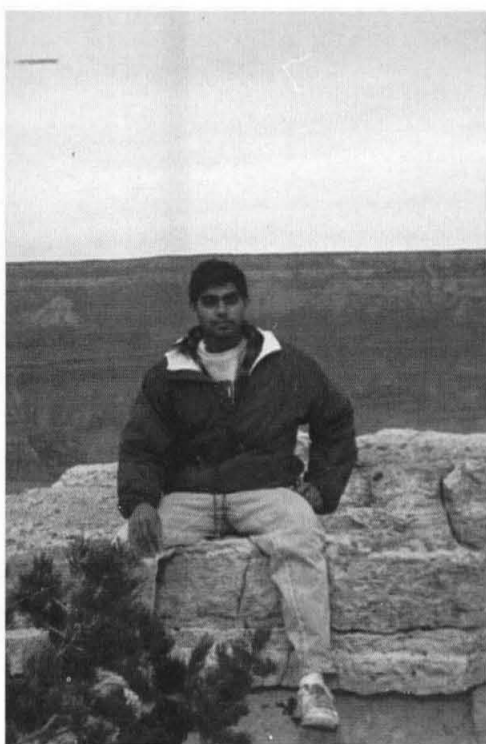
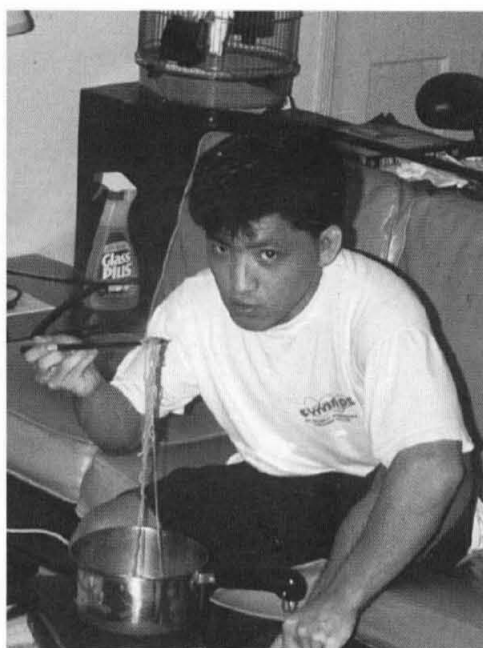
Ned Bowden  
Norwood, MN  
Chemistry



Steven Wilensky  
Tinley Park, IL  
Eng. & Applied Science



Kay Miyake  
San Rafael, CA  
Applied Physics

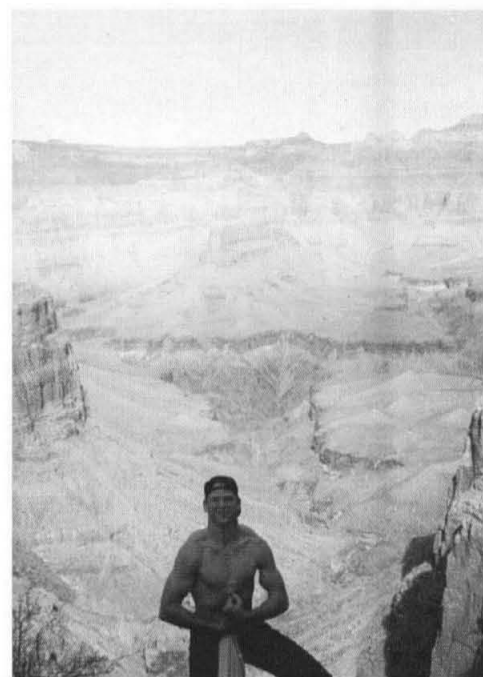


Asif Khalak  
Kenmore, NY  
Mechanical Engineering

John Park  
Richmond, CA  
Mechanical  
Engineering/Economics



Timothy Wachholz  
Ellsworth, WI  
Eng. & Applied Science







**Charles Halloran**  
Chemistry

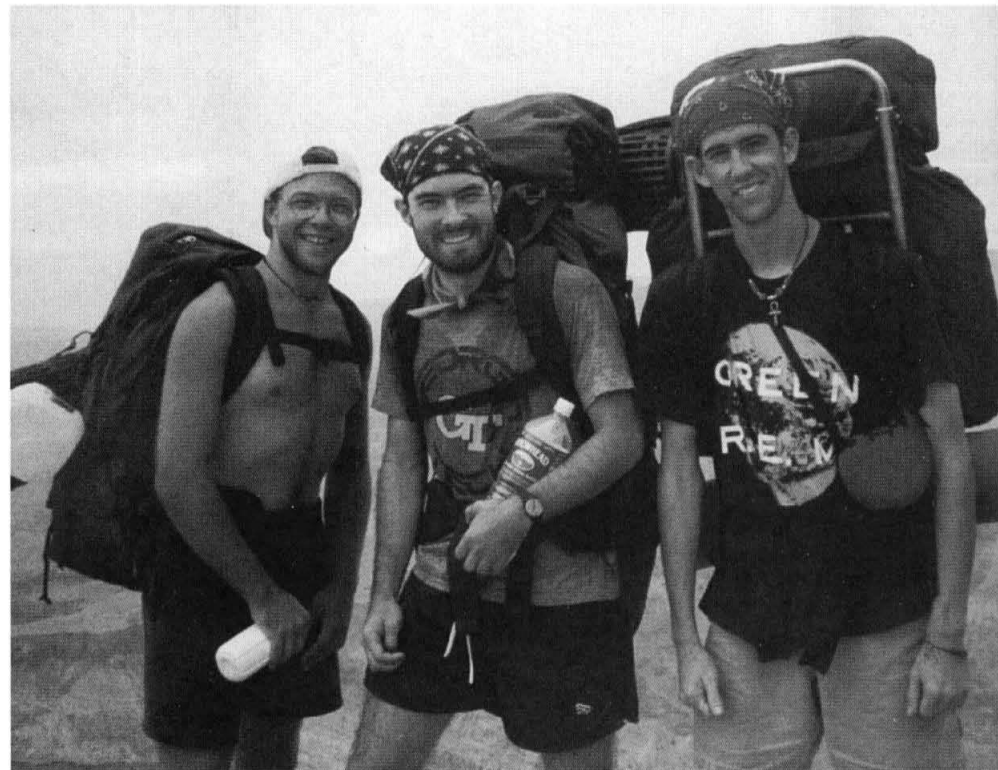
Mellow is the man  
Who knows what he's been  
missin'  
Many many men  
Can't see the open road.  
Led Zeppelin

**Brian Kjerulf**  
Astronomy

The weather is here, wish you  
were beautiful.  
Jimmy Buffett

**Samuel Webb**  
Environmental Engineering

If we weren't all crazy we would  
go insane.  
Jimmy Buffett





Cynthia Marie Machacek  
Acton, MA  
Planetary Science

Trust thyself: every heart vibrates to that iron string. —  
Ralph Waldo Emerson

Eric Schell  
Livingston, NJ  
Planetary Science



Patrick Elazem  
Beirut, Lebanon  
Environmental Engineering

There're sure a lot of ugly people in your neighborhood! —  
Abraham Simpson



Jennifer Trittschuh  
DeLand, FL  
Mechanical Engineering

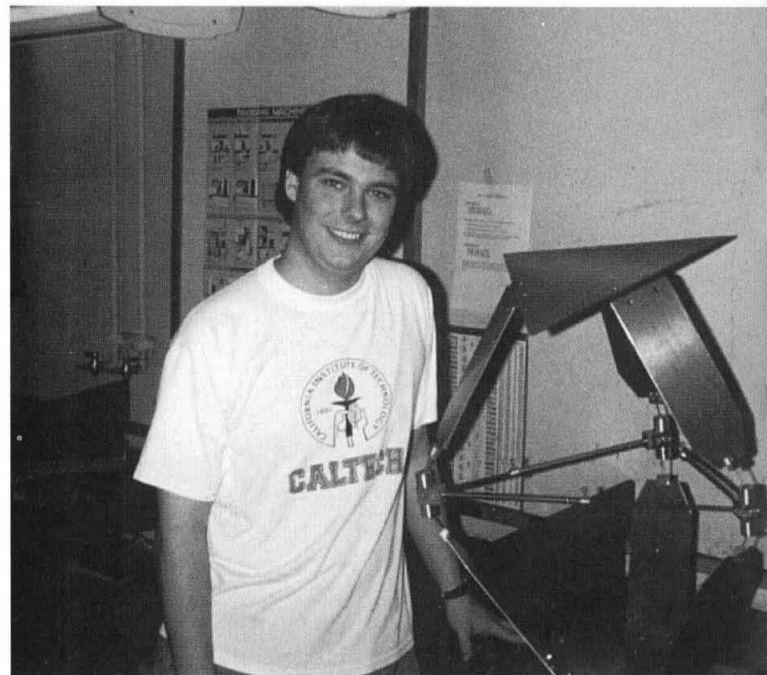


PICK  
A  
WINNER !

**WON**

for  
FROSH DIRECTOR  
at large

Won Bang  
Eagle Rock, CA  
Mechanical Engineering

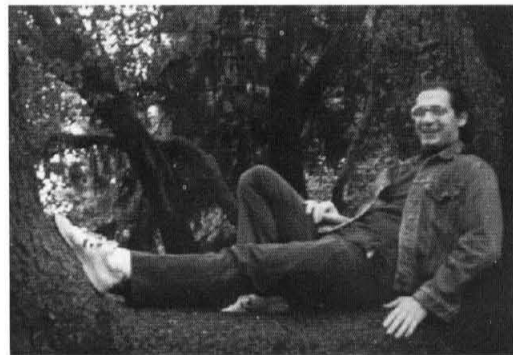
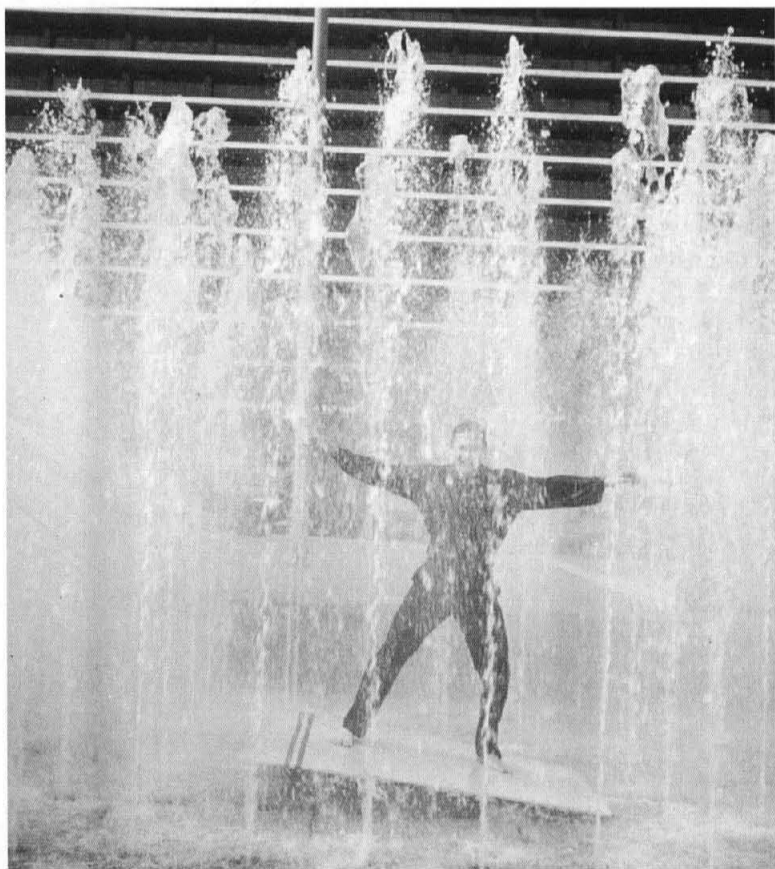
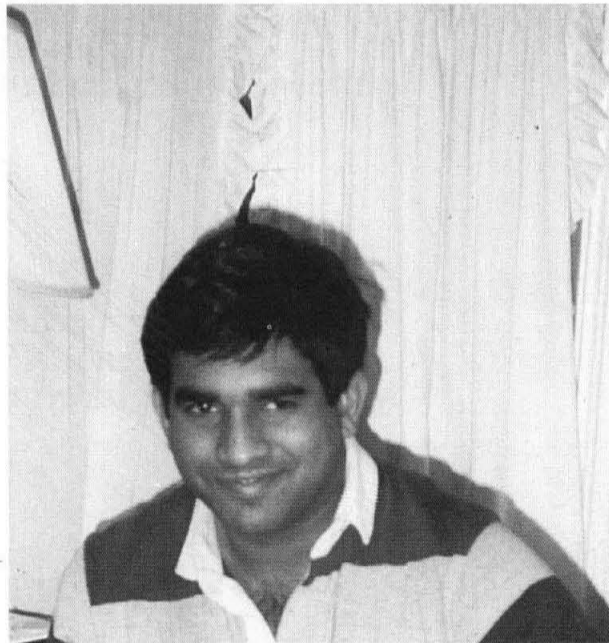


Jeff Barker  
St. Louis, MO  
Mechanical Engineering

John Trung Kien Luong  
Federal Way, WA  
Mechanical Engineering



Navin Kiribamune  
Kandy, Sri Lanka  
Mechanical Engineering



Matthew Johnson  
Sherborn, MA  
Mechanical Engineering

1 quark,  
2 quark,  
red quark,  
blue quark. . .

The meek shall inherit  
the earth: the rest of us  
will go to the stars!

"Ivan, one of these days someone is going to pull out a weapon and plug you, and you're going to die in bewilderment, crying, "What did I say? What did I say? What did I say?"

**SUBVERT THE DOMINANT PARADIGM!**

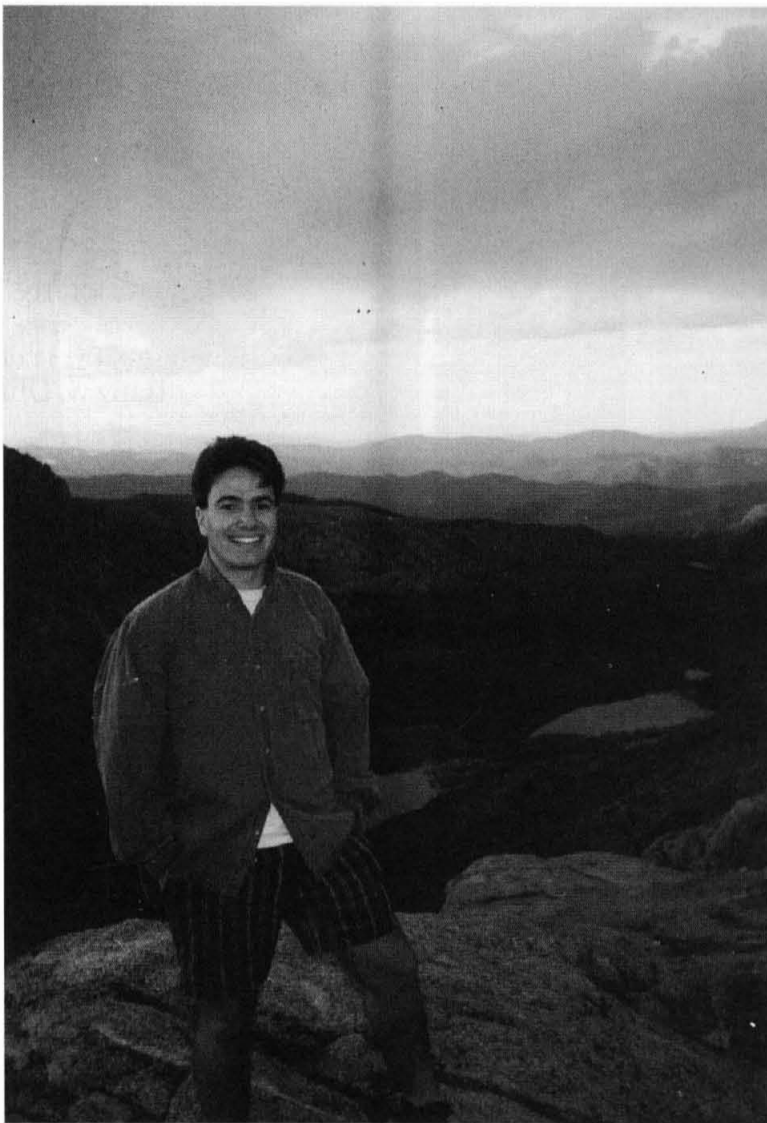
Je connais mon probleme . . .Quel est le votre?



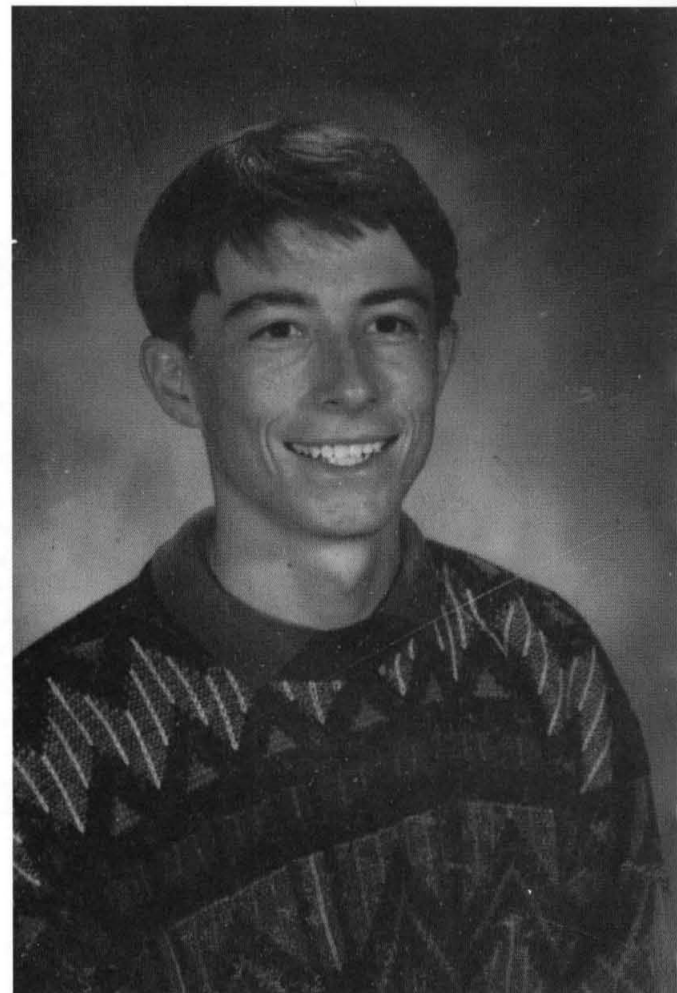
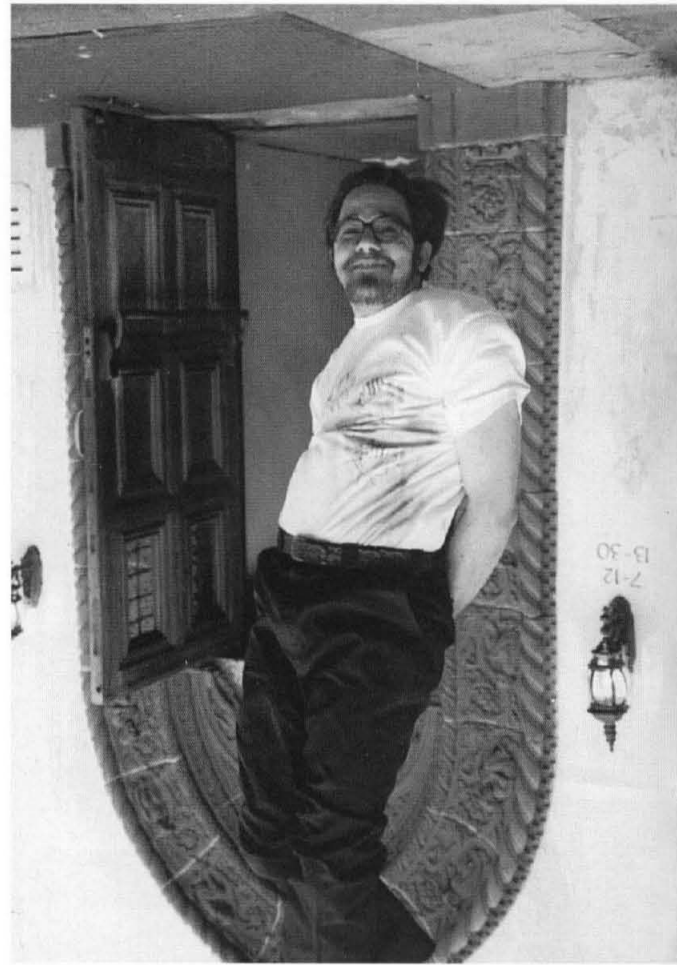
Ward Burrows  
St. Thomas, US Virgin Islands  
Mechanical Engineering

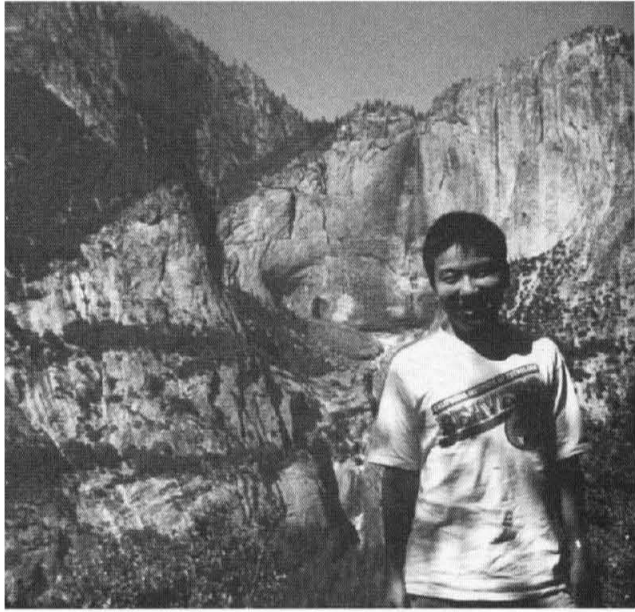
Life is too important to be taken  
seriously. -Oscar Wilde

Xavier Bengoechea  
Reno, NV  
Mechanical Engineering

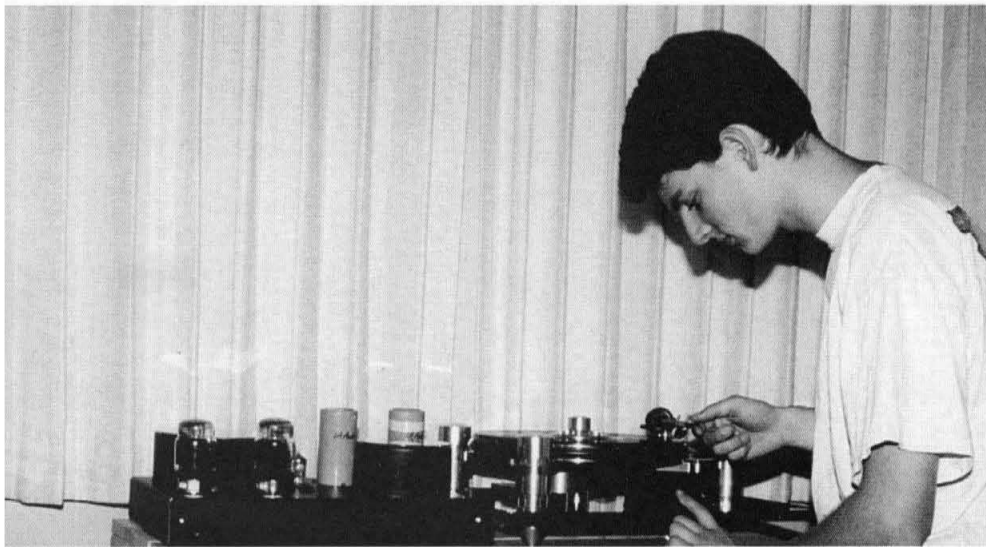


Mark Hammig  
Denver, CO  
Mechanical Engineering



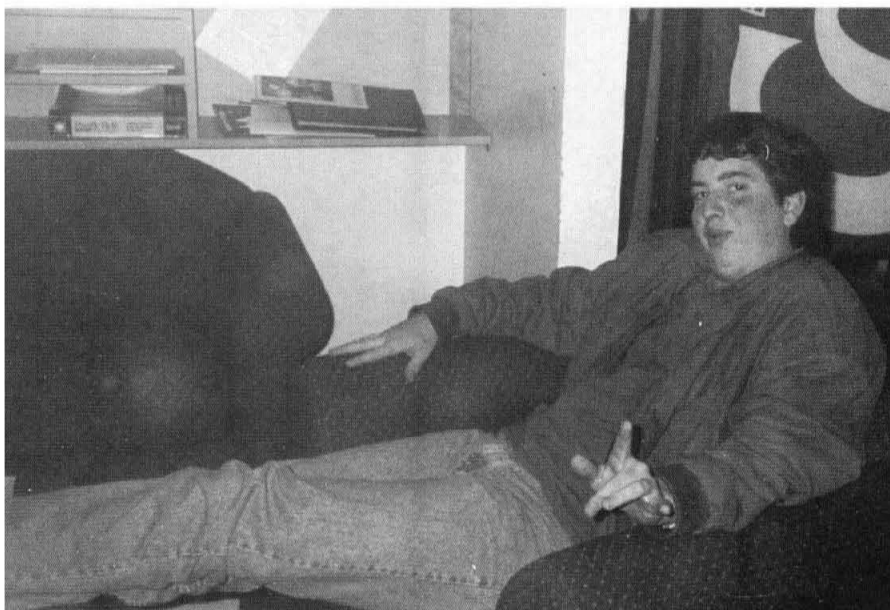


**Ted Kanamori**  
Pasadena, CA  
Mechanical Engineering



**Donald North**  
Turlock, CA  
Mechanical Engineering

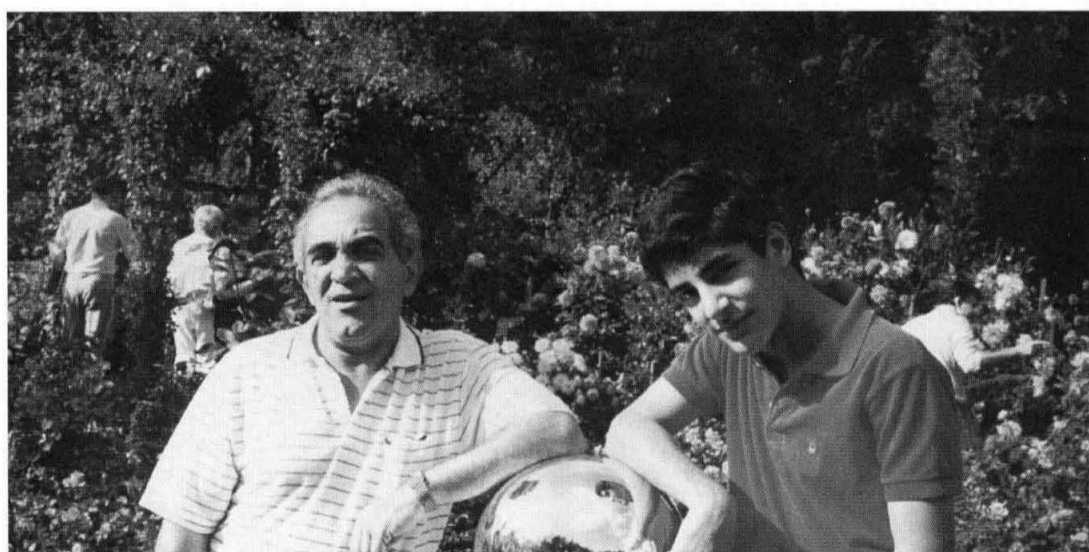
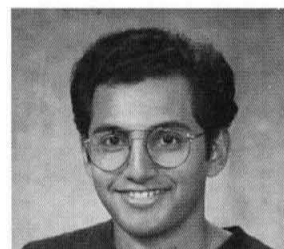
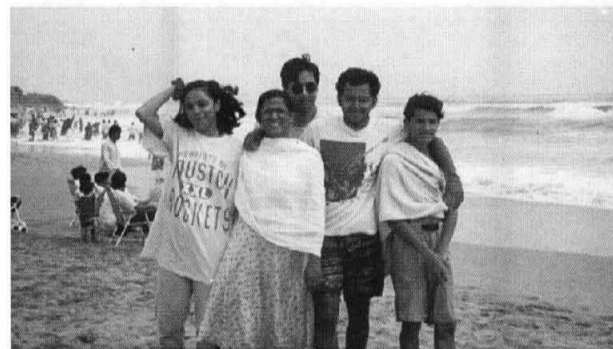
Nothing is expensive if it is worth  
what you pay. — Bang & Olufsen



**Craig Smith**  
Mechanical Engineering



**Hussein Ali**  
Karachi, Pakistan  
Mechanical Eng.



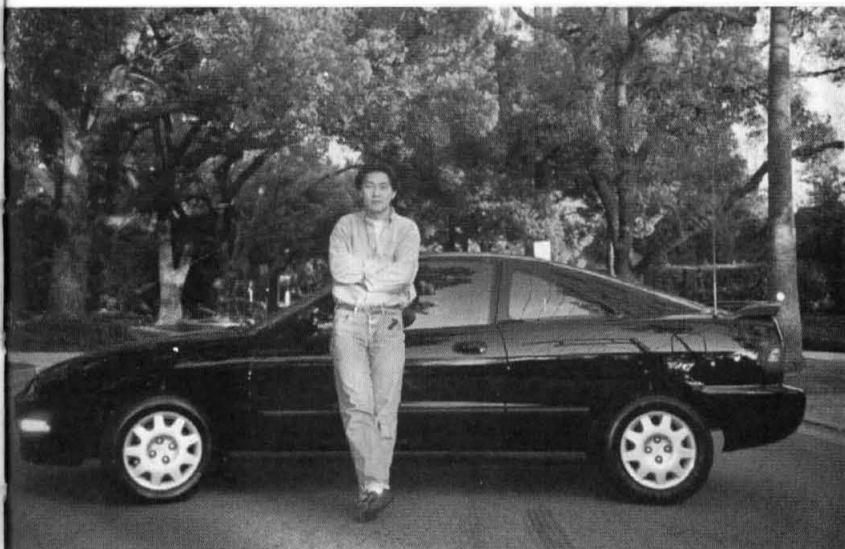
**Ali Alagheband**  
Vancouver, British  
Columbia, Canada  
Mechanical  
Engineering



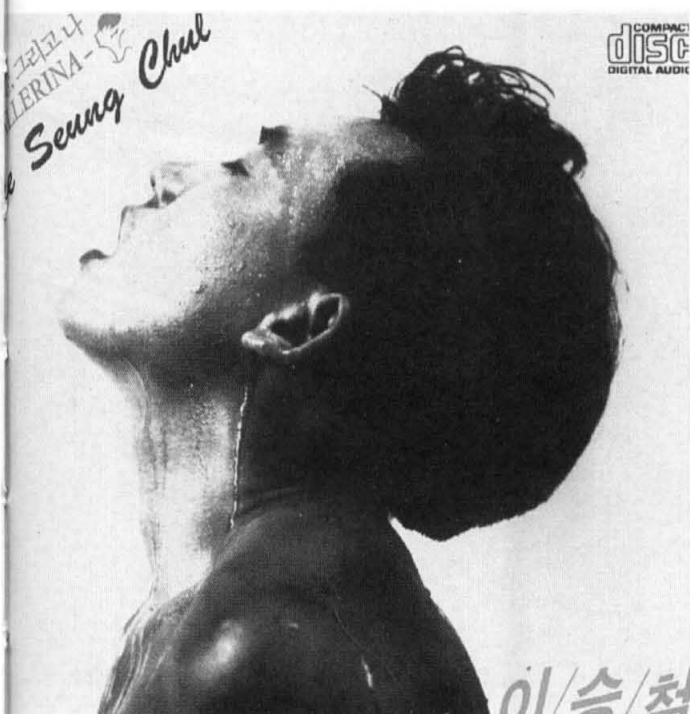
**Jonah Harley**  
Portugal Cove, Newfoundland  
Canada  
Mechanical Engineering



Stephen Mast  
Brentwood, TN  
Mechanical Engineering



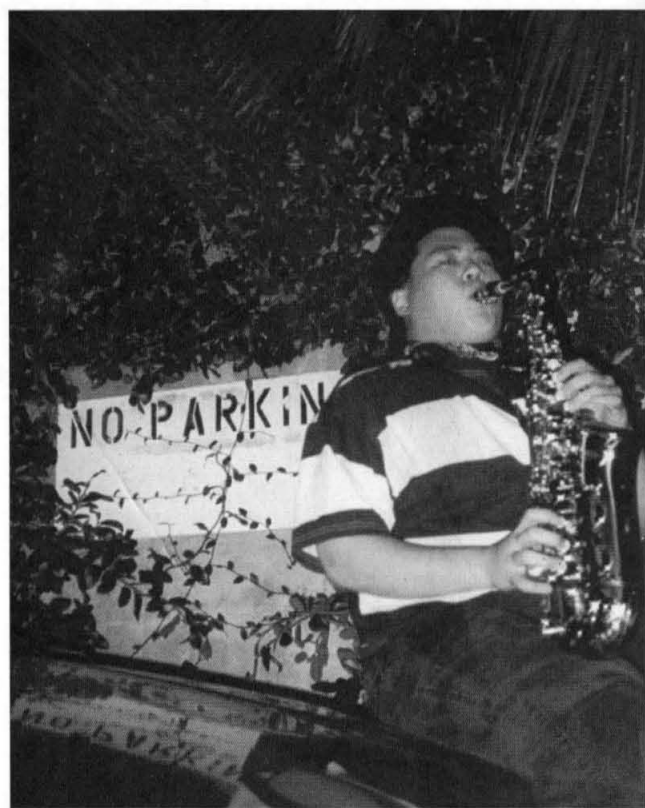
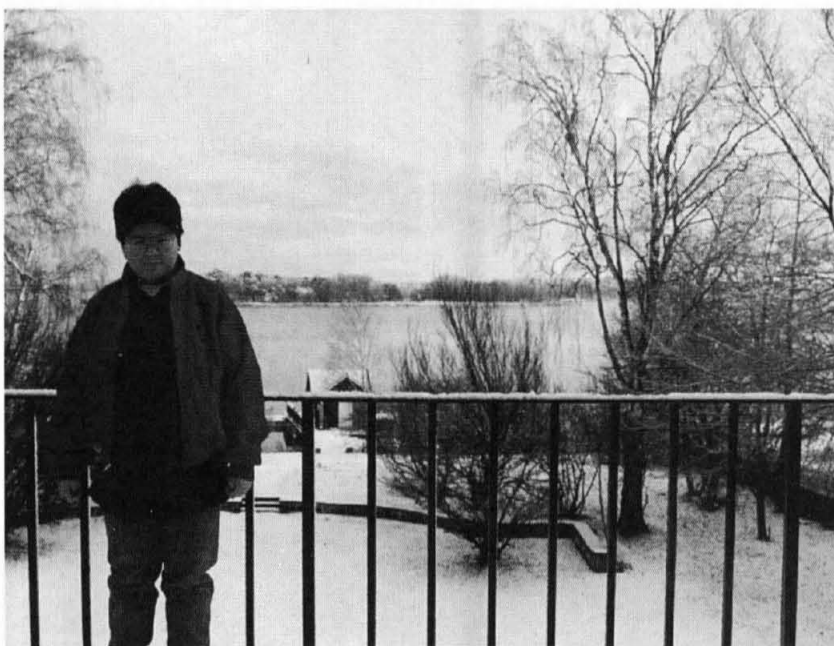
Stephen Rhee  
Houston, TX  
Mechanical Engineering



Henry Choi  
Bensonhurst, NY  
Mechanical Engineering



Ruchirej Yongsunthon  
Bangkok, Thailand  
Physics

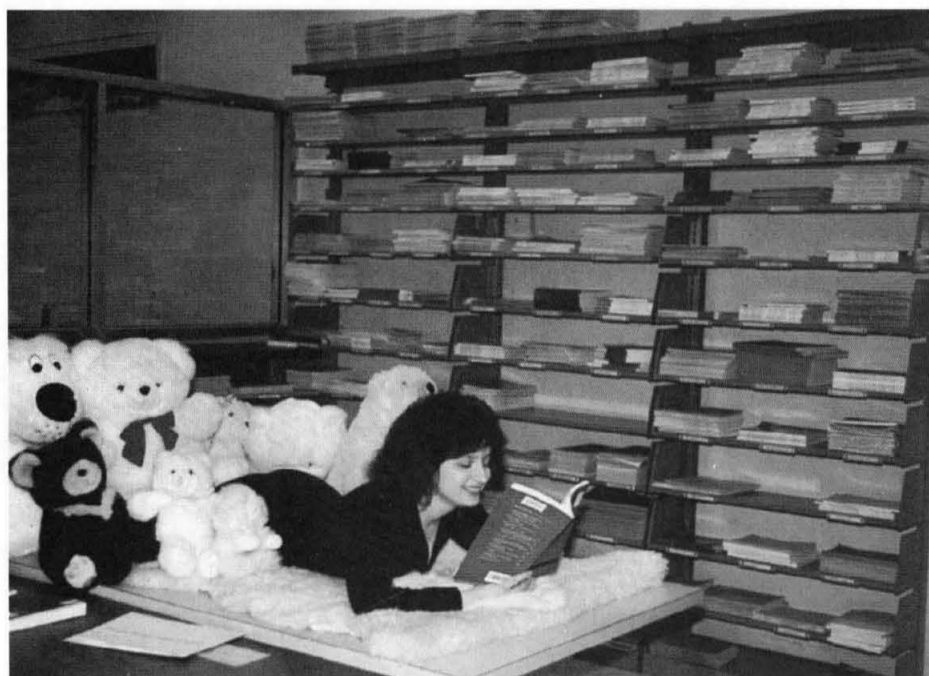


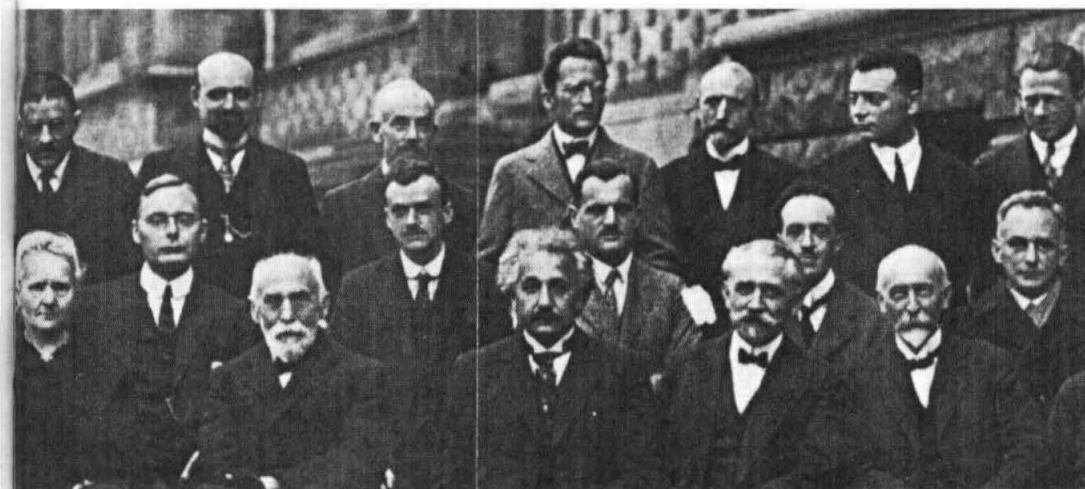
Rich Song  
Chicago, IL  
Mathematics

I cannot rest from travel: I will drink  
Life to the lees: all times I have enjoy'd  
Greatly, have suffer'd greatly, both with  
those  
That loved me, and alone. . .

Amy Stern  
Fairtown, NJ  
Mathematics

Obstacles are a loss of concentration  
A thought that is in total isolation  
Hang on, you're headed for a ride. . .  
Don't stray from the path that leads  
you  
Instincts will never deceive you  
When life really kicks  
Learn to catch those falling bricks.  
-Debbie Gibson, "Another Brick  
Falls"





Thomas Fink  
Plattsburgh, NY  
Physics

Fifth Solvay Conference  
Brussels 1927

Johanna Neaderhouser  
Cincinnati, OH  
Mathematics

Kim Everette Lumbard  
Dracut, MA  
Applied Mathematics

If

If you can keep your head when all about you  
Are losing theirs and blaming it on you,  
If you can trust yourself when all men doubt you  
But make allowance for their doubting, too;  
If you can wait and not be tired by waiting  
Or being lied about, don't deal in lies,  
Or being hated, don't give way to hating  
And yet don't look too good, nor talk too wise:

If you can dream — and not make dreams your master  
If you can think — and not make thoughts your aim,  
If you can meet with Triumph and Disaster  
And treat those two imposters just the same;  
If you can bear to hear the truth you've spoken  
Twisted by knave to make a trap for fools,  
Or watch the things you gave your life to, broken  
And stoop and build 'em up with worn out tools:

If you can make one heap of all your winnings  
And risk it on one turn of pitch-and-toss,  
And lose, and start again at your beginnings  
And never breathe a word about your loss;  
If you can force your heart and nerve and sinew  
To serve your turn long after they are gone,  
And so hold on when there is nothing in you  
Except the will which says to them: "Hold on!"

If you can talk with crowds and keep your virtue  
Or walk with Kings — nor lose the common touch,  
If neither foes nor loving friends can hurt you  
If all men count with you, but none too much;  
If you can fill the unforgiving minute  
With sixty seconds' worth of distance run,  
Yours is the Earth and everything that's in it  
And — which is more- you'll be a Man, my son!

Rudyard Kipling  
from "Rewards and Fairies"



Shreyas Vasanawala  
Big Spring, TX  
Mathematics



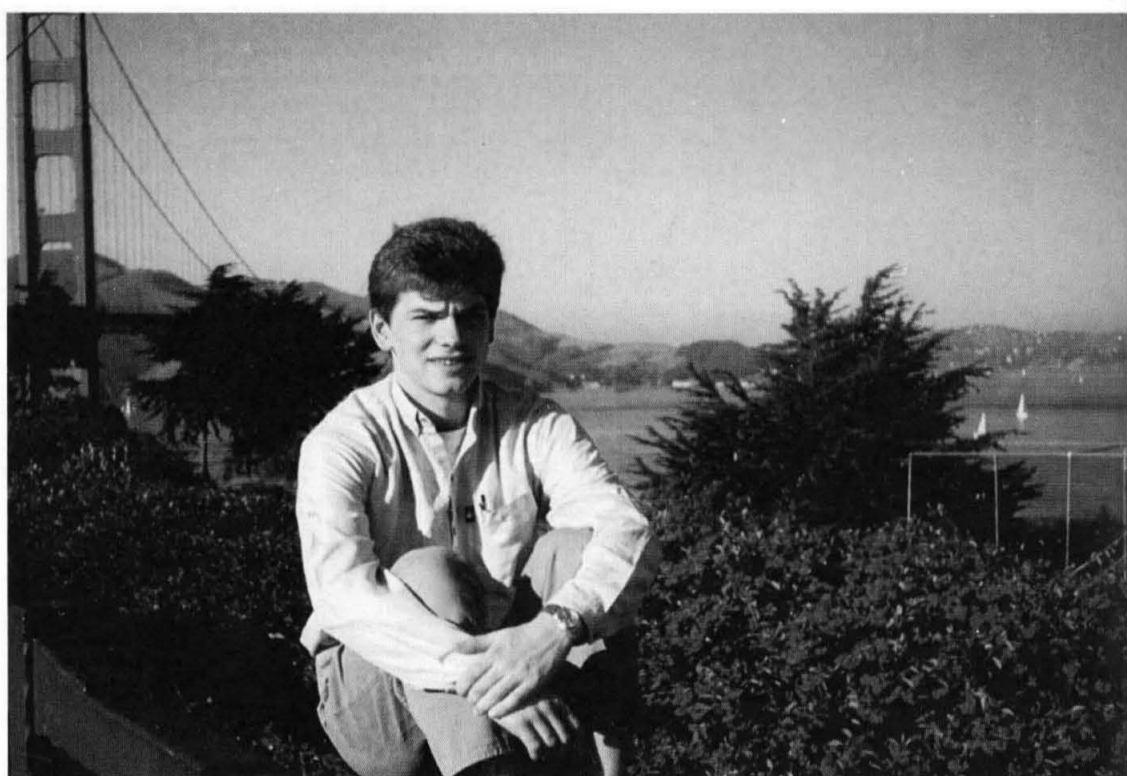


Edray Goins  
Mathematics  
Los Angeles, CA

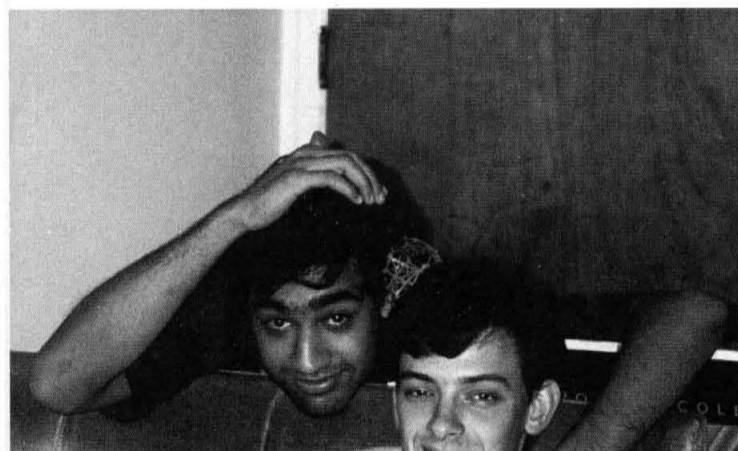
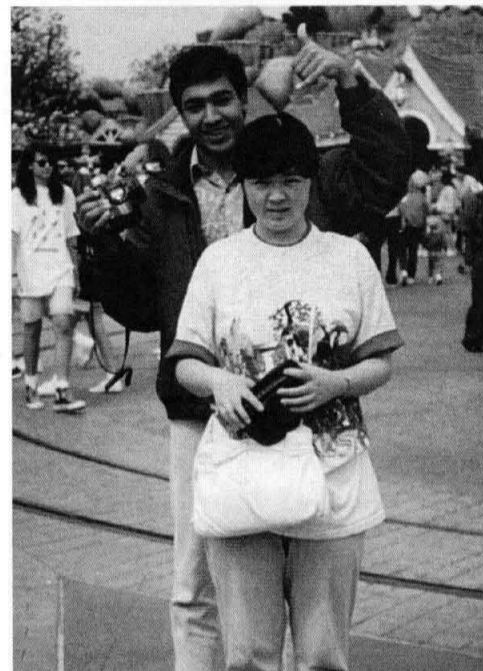
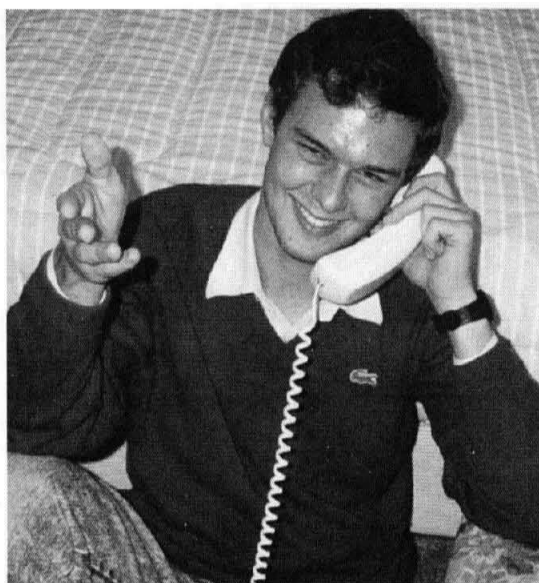
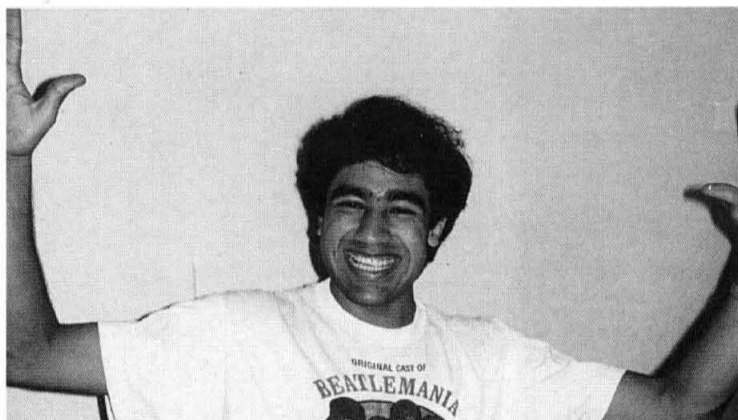


Lior Pachter  
Mathematics

Maciej Konrad  
Dudek  
Mathematics  
Bychawa, Poland



Michael Vadim Anshelevich  
Mathematics  
Dallas, TX



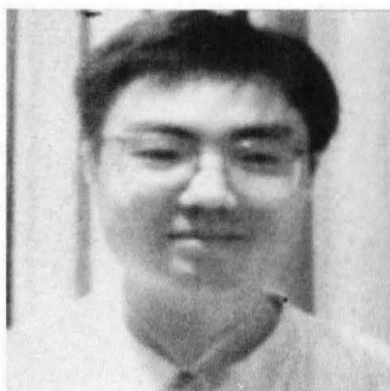
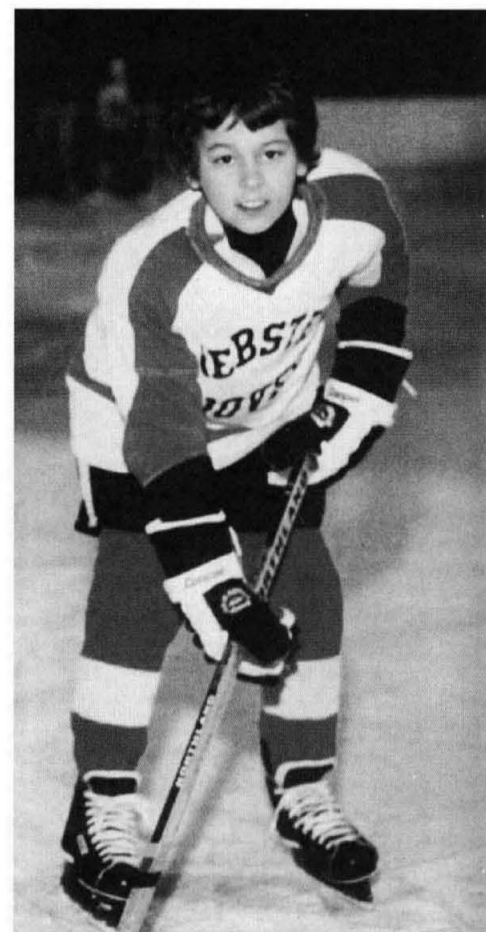
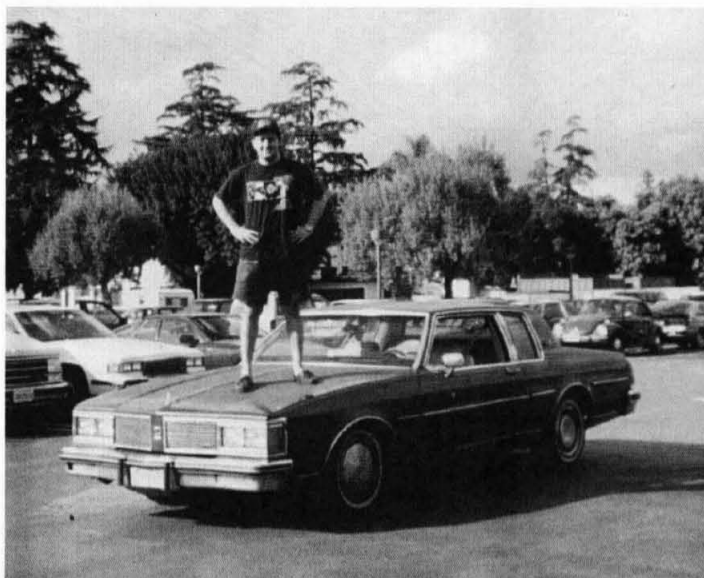
Alexei Y. Barski  
Physics  
Sankt-Petersburg, Russia

Zhanqing Ren  
Mathematics/Electrical Engineering  
Beijing, P.R. China

Kriten J. Joshi  
Mathematics/Physics  
Albuquerque, NM



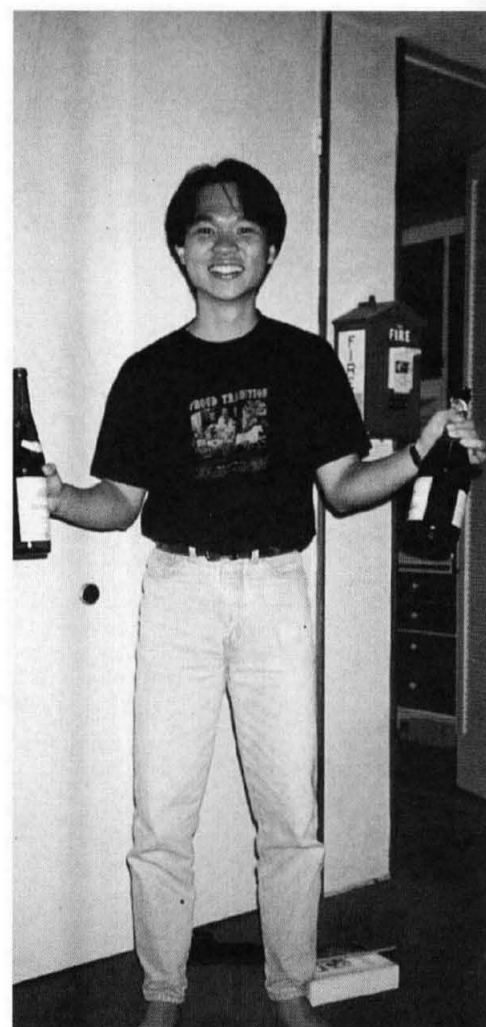
Brian Landy  
St. Louis, MO  
Astronomy



Caltech: The Reality Distortion Field.

And further, by these, my son, be admonished: of making many books  
there is no end; and much study is a weariness to the flesh.

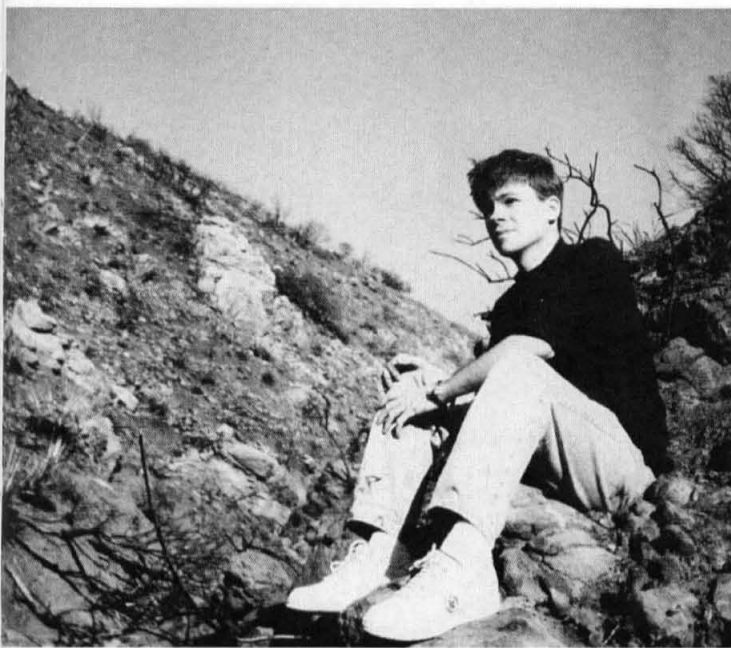
Hyoung Lee  
Chicago, IL  
Physics



Hung Fai Fong  
Hong Kong  
Physics

James Langston  
Tampa, FL  
Physics

Il faut cultiver notre jardin.  
-Voltaire



So tomorrow we are headed  
up that Glory Road, rocks  
and all! Got any dragons  
you need killed?" -Robert  
Heinlein, Glory Road

Benjamin Smith  
Chatham, NJ  
Physics



Humble yourselves, therefore, under the mighty  
hand of God, that He may exalt you at the  
proper time, casting all your anxiety on Him  
because He cares for you. -I Peter 5:6,7

Erica Carlson  
Alpharetta, GA  
Physics



|               |               |
|---------------|---------------|
| 8-7-          |               |
| -10-12/10-10- | 8/10          |
| 9-            | -10-10/12-10- |
|               | 9-            |
|               | 10p9          |
|               | 10/12-        |

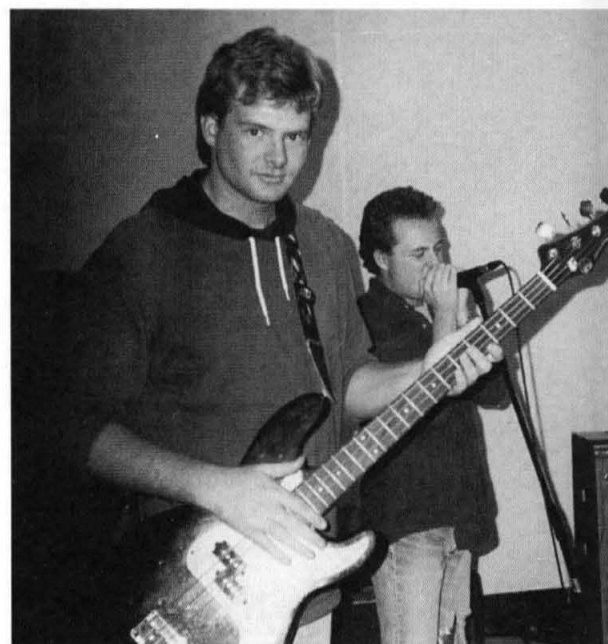
Matthew Avalos  
Wilmington, CA  
Physics

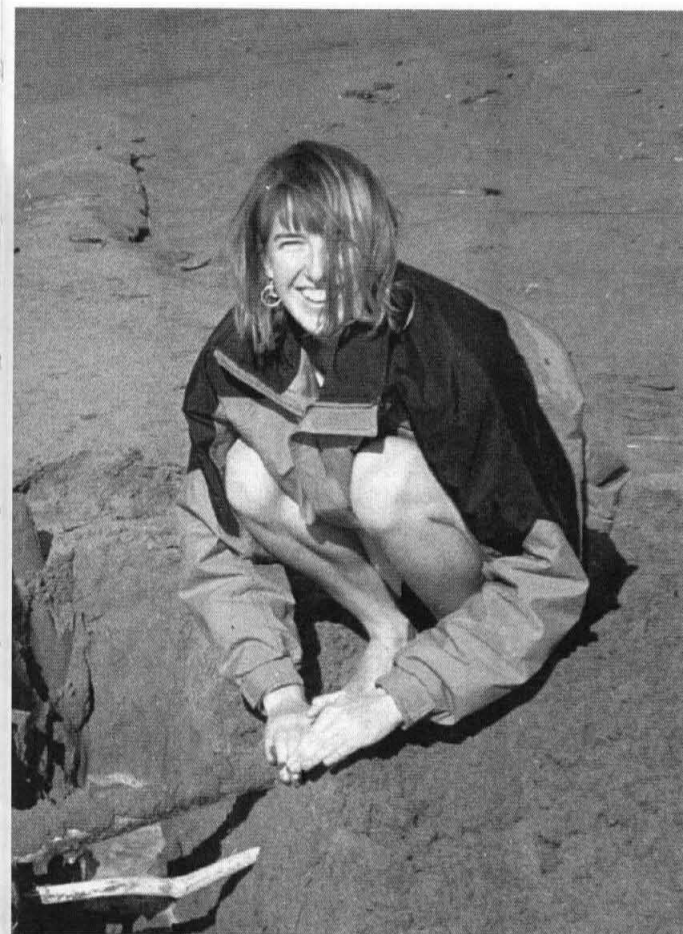


Troy Bassett  
Esko, MN  
Mathematics/  
Literature

Todd Rope  
Farmington Hills, MI  
Physics

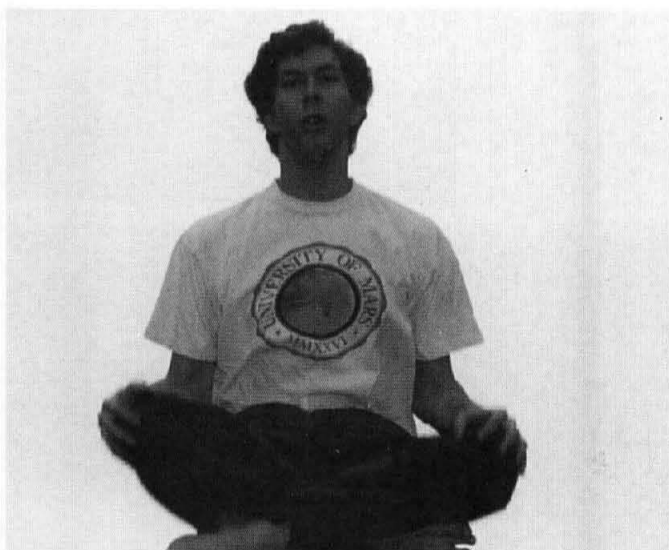
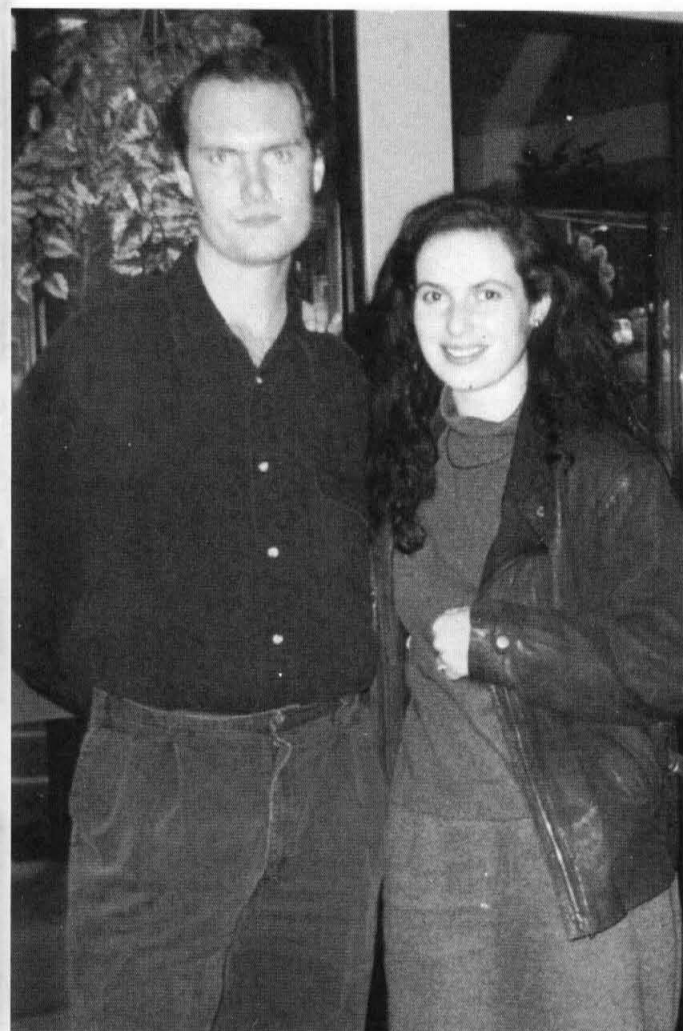
Venus came down after the  
show she said  
Being a goddess is harder than  
you know  
I used to be a waitress to pay my  
bills  
But it couldn't keep me in  
clothes and pills  
I asked if she felt dirty  
She said back around seven-  
thirty  
But it's nothing new to me. . .  
-Milk House Vandals





Rebecca Green  
Madison, WI  
Independent Study  
Physics/Biology

Joan Marie Gimbel  
Elmhurst, IL  
Mechanical  
Engineering



David Austin Nichols  
Oakboro, NC  
Chemistry

Scott Bjerke  
Hillsboro, OR  
Chemistry

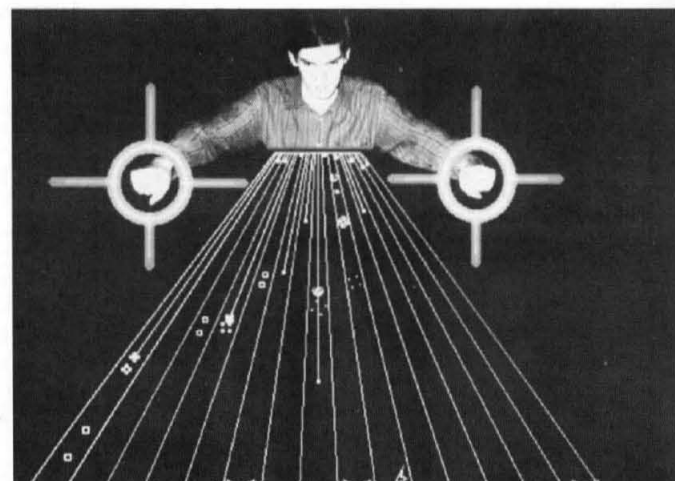
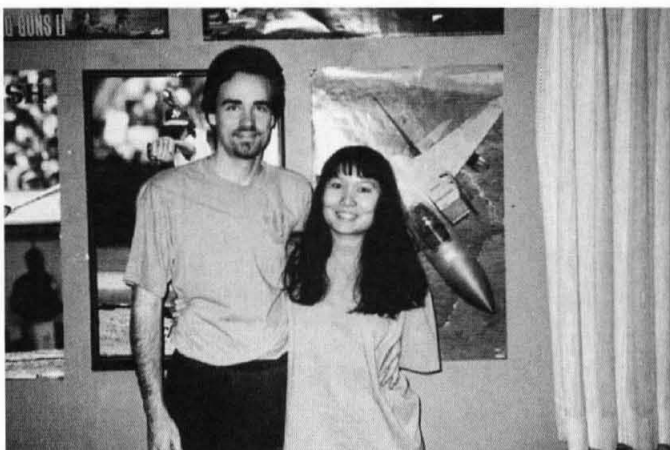
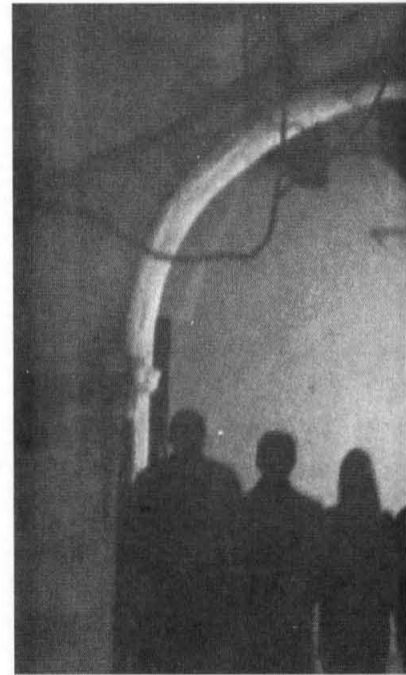


Ahmed Abbas  
Vallejo, CA  
Computer Science

Michael Harrison  
Batesville, AR  
Mathematics

Kimberly Hatch  
Pasadena, CA  
Biology/Literature

Miguel Jordan  
La Canada, CA  
Computer Science

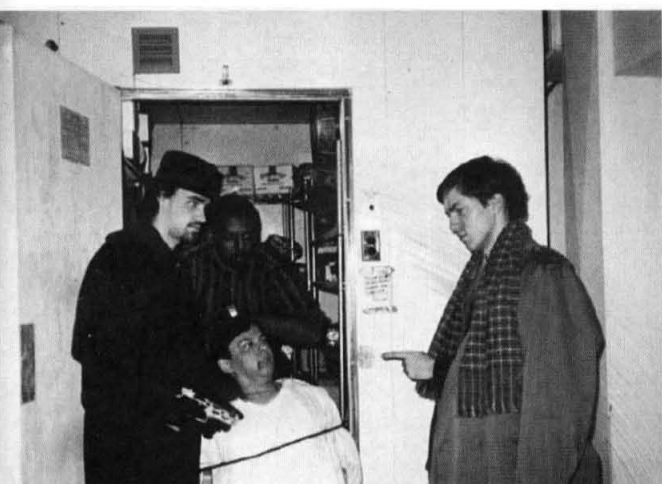




Antonio Ramirez  
El Paso, TX  
Physics

Lawrence Schaufler  
San Diego, CA  
Biology/Chemistry

Denise Yamagata  
Kahului, HI  
Aeronautics

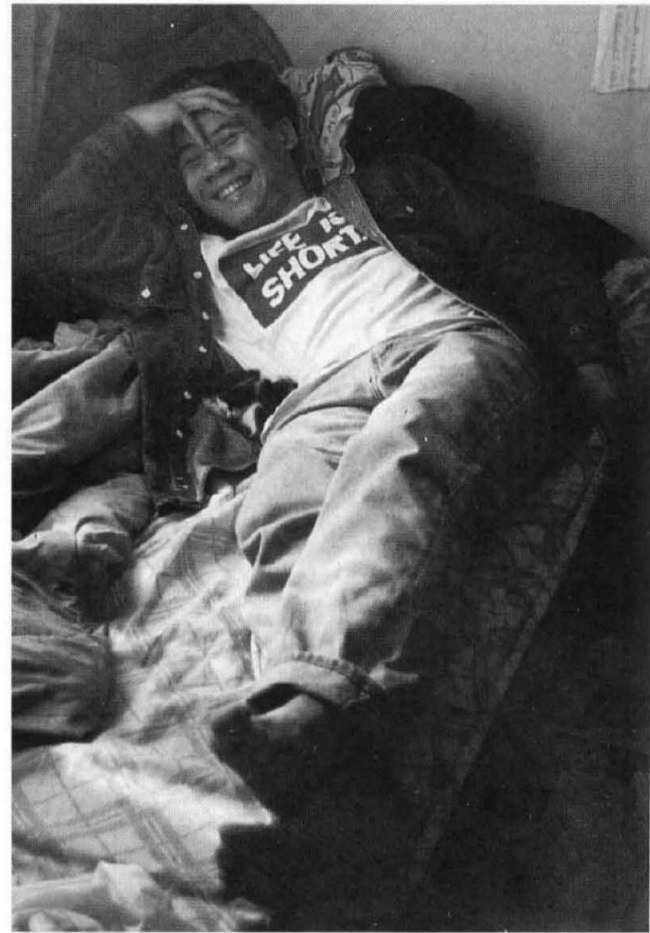


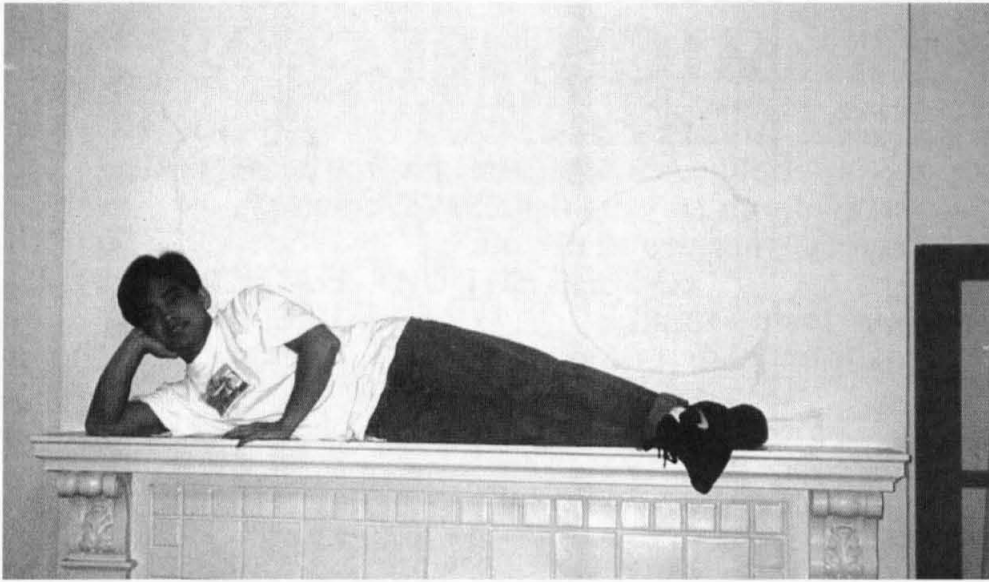


Edwin Murakami  
Los Angeles, CA  
Engineering & Applied Science

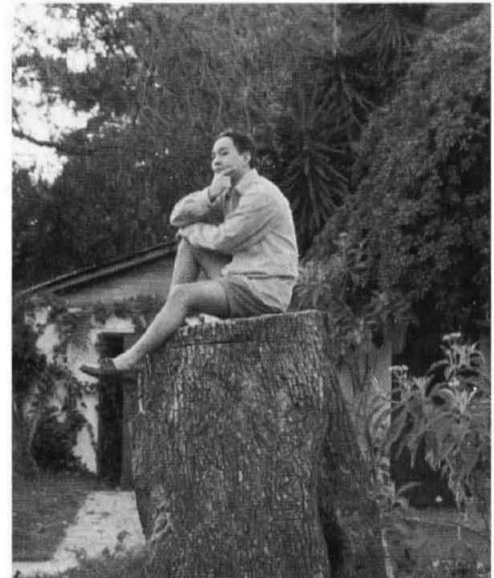
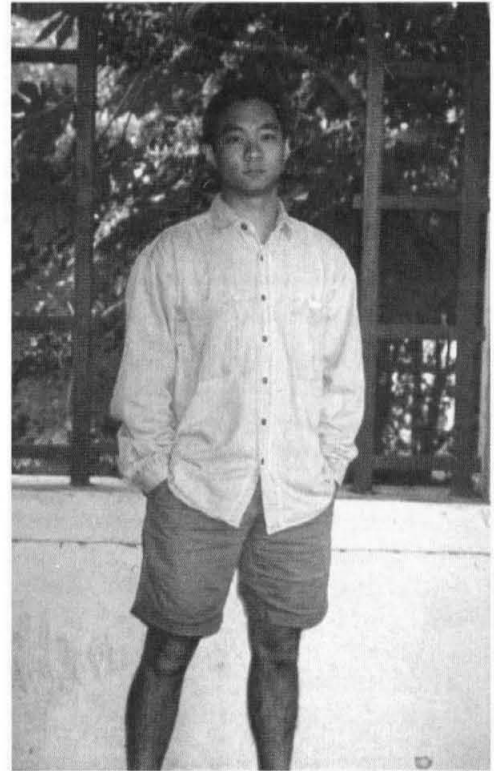


Nhat Nguyen  
San Diego, CA  
Math/Computer Science



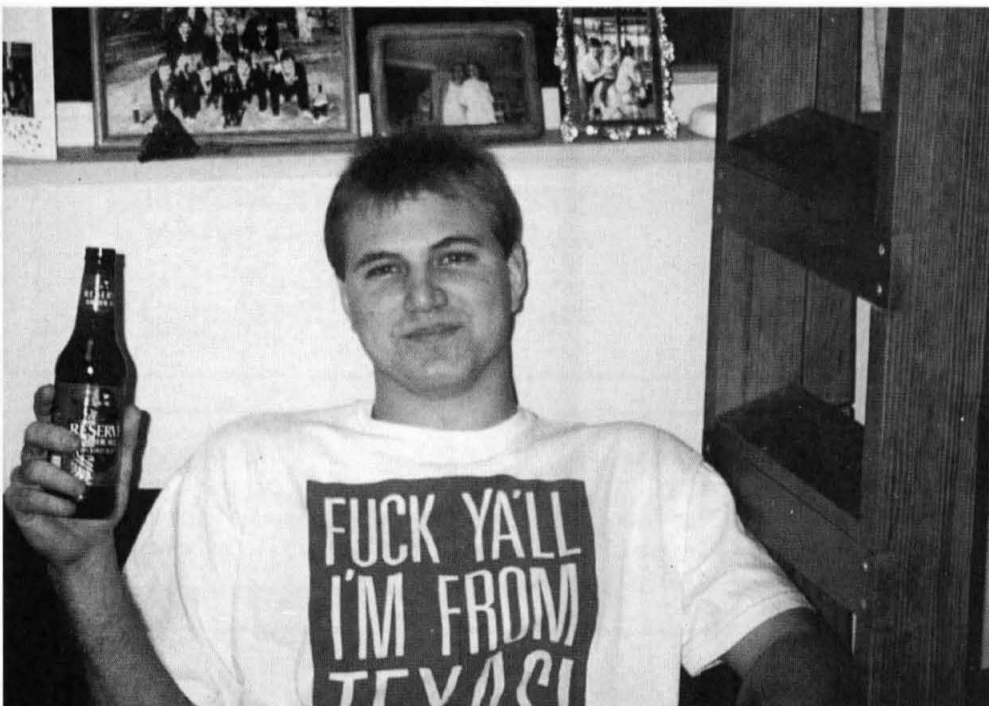


Teru Miyake  
San Rafael, CA  
Applied Physics



Chinley Chang  
San Jose, CA  
Eng. & Applied Science

"Ignore it, it's only reality."



Bryce Elliott  
Stafford, TX  
Eng. & Applied Science

"Did ye leaarn something?" —  
Chris Brennan



# CHRISTOPHER MICHAEL WARD

## CONGRATULATIONS!!

You have again proven there are no challenges too great for you to overcome.  
May the future open many doors to your deserving success.  
We are so very, very proud of you.

Your loving family,  
Dad, Mom, & Jennifer

To our son, Hootan. In life, special gifts are granted. Our most precious gift was you. You have always been an excellent student and we are proud of your accomplishments in both academics and sports. Your kind manner and honesty have distinguished you. We hope your future will be filled with the same happiness that you have always given us.

Love,  
Your proud parents,  
Al and Simin Hidaji



慶賀我們寶貝的女兒-陳長華  
畢業於世界上最好的理工學院  
生物系。謝謝學校教授們的  
教導,及職員們的愛護  
父-陳-鑫,母-張厚淑,及妹-陳艾琳  
同賀於一九九四年夏初

## Jeffrey Pasquino

Jeff,

I've watched you grow from an inquisitive child to an intelligent, sensitive young man. I've always been very proud of you, especially your determination. I wish all the best for you in the future and I give you my neverending love, friendship, and support.

Love always, Mom

Congratulations John Haba

*We knew you could do it!*

Love,  
Mom Dad Gary Dave Don Tom

To: Don H. Matsubayashi  
Kampai!

"乾杯" to your Graduation  
Dad, Mom and Chiyo

**SPECIAL CONGRATULATIONS!**  
**LISA JOYCE MOESKER**  
on your  
**GRADUATION**

your family

*Hi Lavar, I am so proud of you! I thank God for blessing and guiding you. May you have much success in all your endeavors. Congratulations!!!!*  
Love, Mom

Lance, as you enter the next chapter of your life, go forward with confidence. Overcome adversity with determination. Most of all be happy with yourself. I am very proud of you.  
With love, Mom.

## TODD ROPE

DICKIE "BONGOS" F. WOULD BE AS  
PROUD OF YOU AS WE ARE!  
BEST OF LUCK IN YOUR NEXT  
ADVENTURE!

LOVE MOM, DAD, AND THE REST OF  
THE CLAN

Every Good & Perfect Gift is from above....  
James 1:17

We're very thankful to be able to share this  
day of accomplishment in your life.

### CONGRATULATIONS

The proud parents of JOHN PARKS



WE SALUTE YOU! MOM, DAD & MARCUS

TO MY DEAR SON, KEN ZENFELDMANN.

CONGRATULATIONS, COMING FROM  
THE TEN GREEN, FIELDS INTO THE  
ELEVENTH, MOST PROSPEROUS OF  
THEM ALL!  
GOOD LUCK AND MAY GOD BE WITH  
YOU FOR

1994

LOVE, MOM

• THE WAY THINGS OUGHT TO BE •  
19 • MICHAEL HARRISON • 94



Brian,

Trust in the Lord with all your heart and lean not unto your  
own understanding. In all your ways acknowledge Him and He  
shall direct your path. (Proverbs 3:5-6)

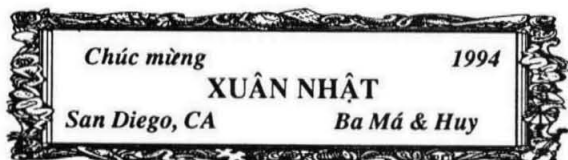
*Congratulations Brian on the combination of all the  
many hours of hard work dedicated to college. It is a  
privilege to have you as a son. We are so proud of your  
accomplishments and pray for God's continued blessings  
on you. And thank you for filling our lives with happiness  
and joy. Well done and we love you.*

*Mom, Kimberly, Grandmom, and Pop-Pop.*

Congratulations, Derek Surka!  
You're one step closer to a  
"soaring" future.  
Love Mom, Dad and Mark

競康

乘長風破萬里浪  
可喜可賀



Mike Nygard — There aren't enough words in any  
language to express our pride in you. You've ac-  
complished a "first" in our family. So may the next  
steps you climb be more exciting and rewarding than  
the ones you've left behind. We love you. Mom & Dad



TO DEAR P.J.,

IT IS INDEED A PRIVILEGE AND REAL JOY TO HAVE A SON LIKE YOU.  
CONGRATULATIONS!

PAPA AND MAMA



PAUL JONATHON E. GO

Gary, we'll never forget the day you came into our lives. We were excited and scared, but most of all—happy. From the moment we held you and looked into your eyes, we knew you were destined to become a very special person in our world. When we think about all you've done and all you've grown up to be, we feel so proud. You're a wonderful son, and we love you very much.

Mom and Dad



Another disappointing day in the Lab for Erica. Once again, prevented by equipment failure from capturing that elusive muon. She was so close. Some days, she thinks she should switch to EE.

*Erica, congratulations on your graduation from Caltech. We're extremely proud of your many academic accomplishments.  
Love, Mom & Dad*



GOOD SAILING



(Father & Son) John & Wayne Chen on 5-5-76



Comet Halley 1985  
Photo by Jon Baker, age 12

JONATHAN BAKER

Words can't express how great we think you are! You have intelligence, determination, and maturity far beyond your years. We have always been proud of you and your accomplishments. Our love goes with you as you reach for the stars.

Mom, Dad, and Meg

Charles R. Halloran  
Congratulations on your graduation & accomplishments! The world is yours to conquer, we're behind you all the way. Be sure to take time out to smell the flowers!

Love, Mother, Dad, and Garner

Sunshine,  
We're proud of our Big T. We love you,  
Nancy, Doug and Heidi

Go, Betsy Barton!



What a woman!

Love, Mom

To Jonathan Xinling Liang:  
Confidence gives you strength,  
Perseverance leads you to success.  
Always aim high. . .  
Father Liang, JiaLin, Mother Wen, Heqing



What lies behind us and what lies before us are tiny matters compared to what lies within us. -Oliver Wendell Holmes

Congratulations on your success — those achieved and yet to come.

We love you Christy.

Mom, Dad and John



CONGRATULATIONS  
TED TUROCY  
MOM  
UNCLE MIKE & AUNT ANN  
BOB CREAGER  
STEPHANIE  
UNCLE SAM & AUNT PAT  
PAP-PAP & GRANDMA  
ED, SUSAN & BRIAN LAU  
GRAM  
PETE, SUZANNE  
MARK, CHRISSE  
MRS. PAOLINI



Quoc,

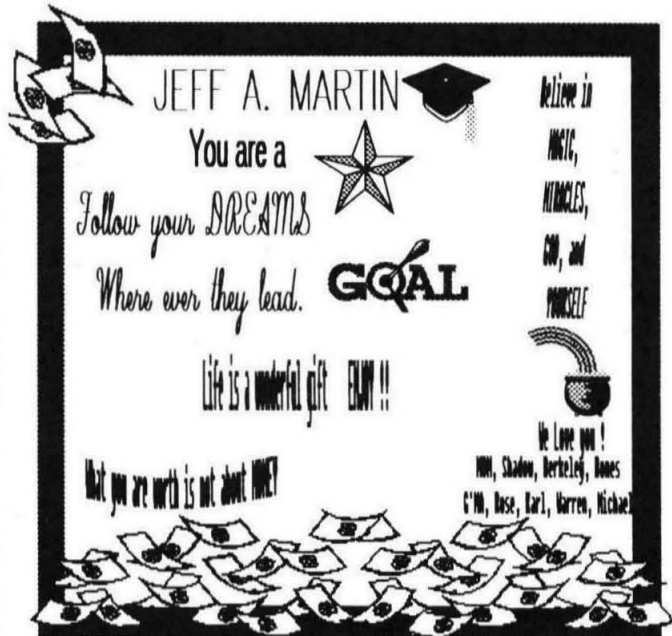
We are very proud of you.

Daddy, Mommy,  
Cuong, Gia, Thang  
and Thuy  
Austin, Texas



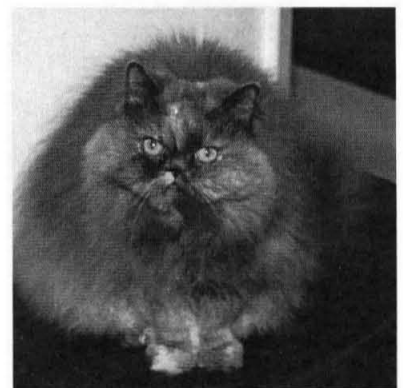
**HURRAH!**  
YOU HAVE MADE IT !!!  
CONGRATULATIONS!

BE PROUD + HAPPY,  
FOLLOW YOUR PATH WITH OPTIMISM  
AND HAVE COMPASSION WITH THE  
LESS FORTUNATE! — WITH ALL OUR  
**LOVE,** Papi, Tami, Tina



We are very proud of you Wendy. May you achieve all your dreams. You have helped us achieve ours.

We love you,  
MOM & DAD



Julian,

Since nothing is too wonderful to be true, you must be true. We are very proud of you.  
Mom, Dad, Eliot and Leslie

CONGRATULATIONS FRANCES! — LUCY SPECK: YHIKEBRAZIL BLUESTRAWBERRY FIRSTTIMESCAUCOS XMASMAILLOSTIN MOJAVEPEACECORPS VISITIN NEPAL4AM@JENNIE LAKESGRADUATE ALASKALOVE&AE

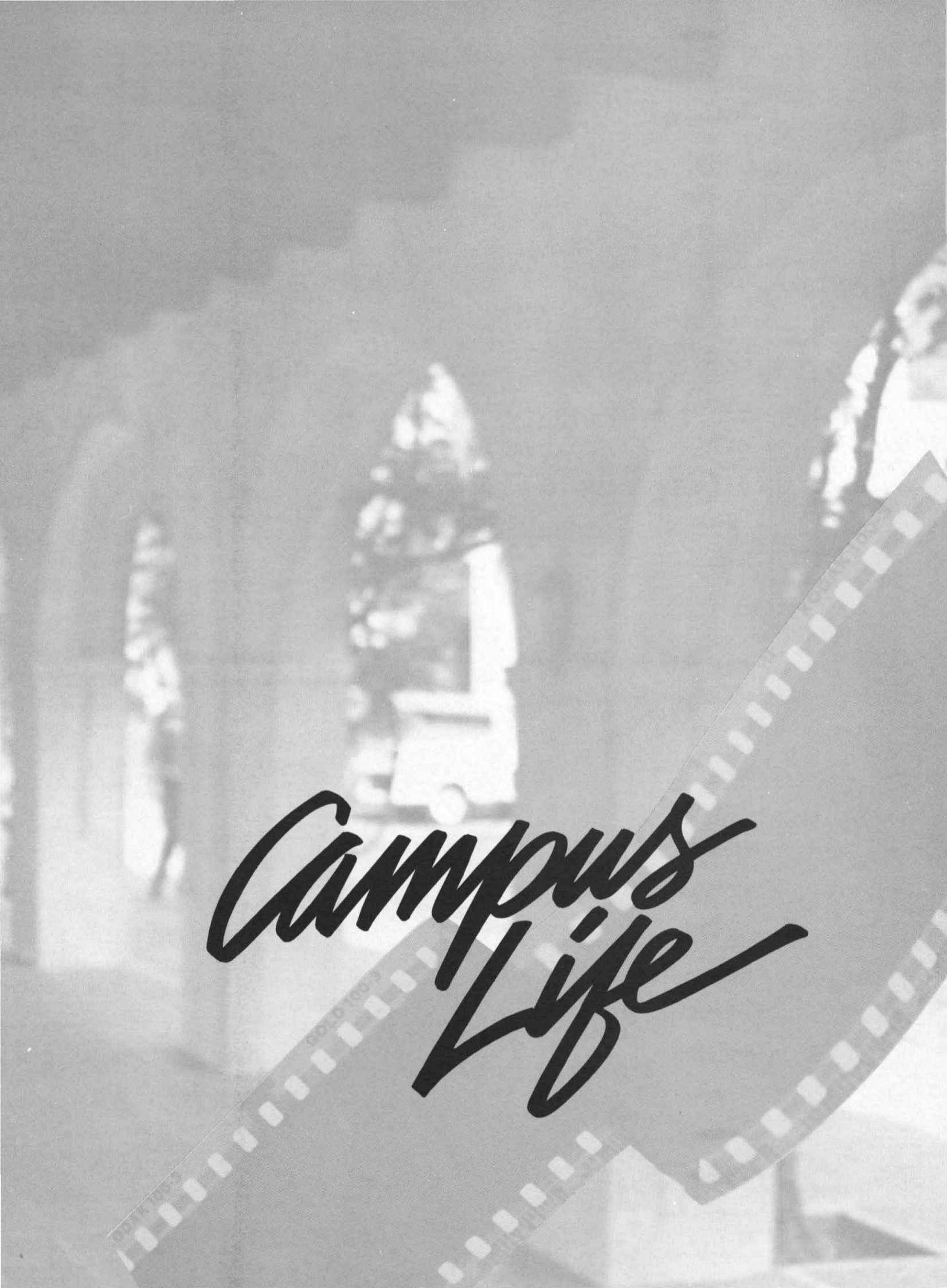
Erica, congrats on graduating! I will always love you. Your Husband.  
Dear Aron, CONGRATULATIONS! in these

four years you have not only gained academically, but more important, spiritually. You've done well.

Love, Mom, Dad, Margie and Nick  
Dearest Aron, I am so proud of you. You are the most caring, understanding, and loving person I've ever met, and I can't wait to be called your wife. I love you! — Emily







# Campus Life





International Day participants help themselves to a variety of ethnic foods.



Little Dominique Kang has her eyes on the prize.

International Day, traditionally a campus favorite, was an exciting day filled with opportunities to learn about different cultures. Members of the Caltech community were invited to walk around Winnett Quad, pick up information about, and sample cuisine and games from various countries. Campus clubs representing every corner of the world provided entertainment including Shotokan Karate and Tang Soo Do demon-

strations, traditional music from Yugoslavia and China, and participative Israeli Dancing.

Children of all ages were welcome to try their hands at breaking a pinata, basketball, ball hockey, and soccer. Many thanks to the Alumni Association, ASCIT, The Caltech Y, GSC, Student Affairs, and the Caltech Service League for their sponsorship. If you missed it this year, be sure to drop by and join us next year!

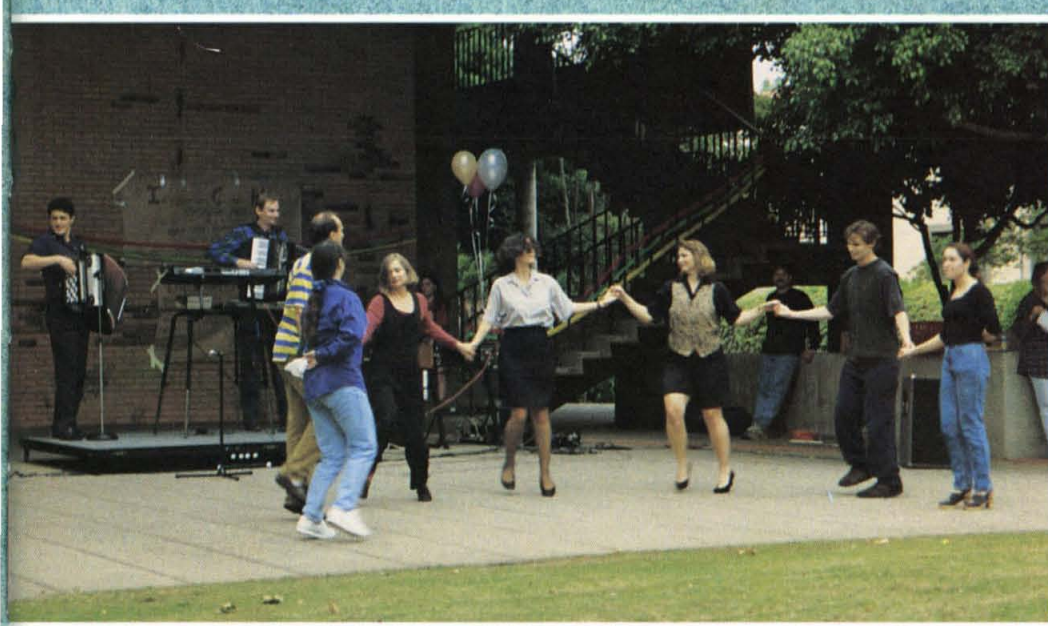
by Christine Chen



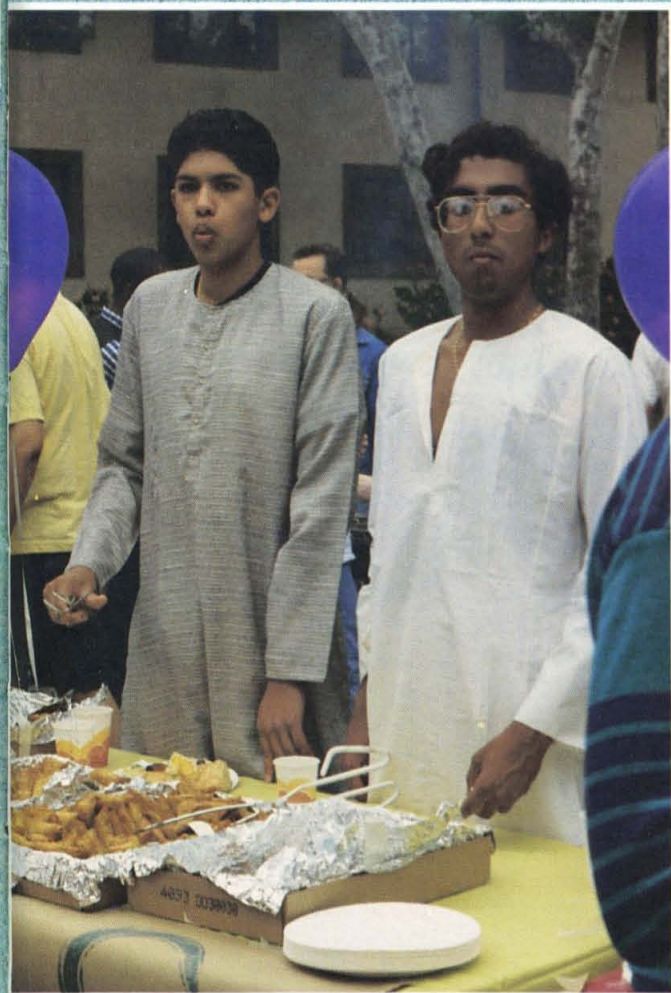
Tang Soo Do Club shows off some moves.



# CALTECH GOES GLOBAL



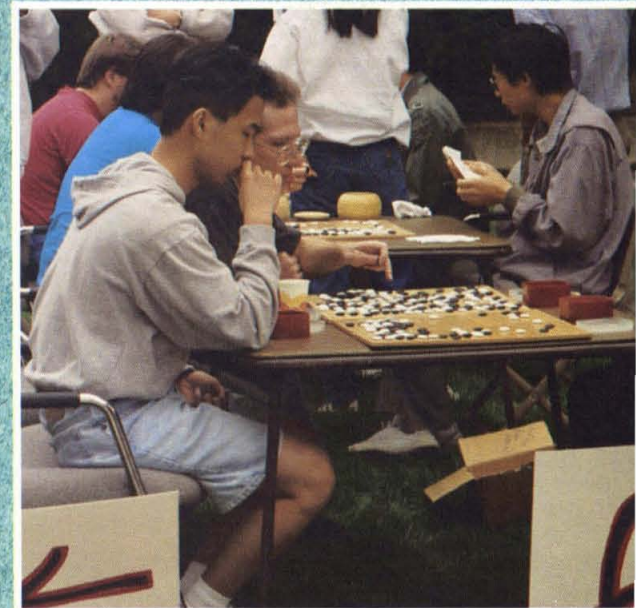
The spirit of International Day: observe and learn.



Folk-Dancing: a must at International Day.



A touch of Scotland.



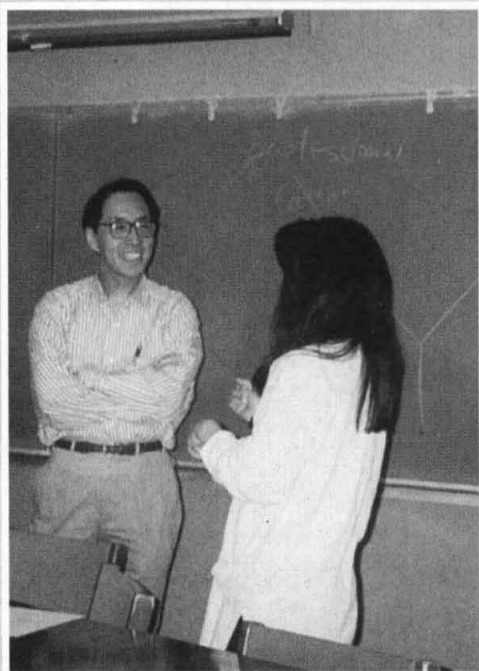
Hou-en Han contemplates his next move in Go.

The Indian Cultural Society, along with many other campus-wide ethnic organizations, provides food for all.



# Caltech will change. You tell us how.

Student Faculty Conferences (SFC's) are held every two years to evaluate life at Caltech and to look at how the composition of the institute might have changed — as the institute changes, new concerns will arise and old ones might resurface. The purposes of the SFC are to address prevalent concerns among the Caltech community, to provide a vehicle for students to express their opinions and ideas, and also to generate the interest and support necessary to formulate and realize some solutions to the concerns. This year, we fulfilled these purposes via four panels of presentations.



1. The **Honor System** committee investigated the confidentiality of student grades, the institution of a master-key system, the understanding of the Honor Code by the entire campus, and the awareness of collaboration policies. In addition, the committee handed out an Honor System survey at the SFC.

2. The **Quality of Teaching** committee proposed a new end-of-the-term questionnaire to standardize student feedback among various divisions, as well as a new "mid-term" questionnaire so that changes may be implemented in time to affect those who filled out the questionnaire as well as next year's students.

3. The **Improving Communication** committee presented data gleaned from a survey of 353 students to support proposals for a freshman research seminar series in each division, an annual "Caltech Company Picnic," and the enhancement of student-to-advisor relations through re-

search-related, rather than social, activities.

4. The **Core Curriculum** panel was presented by the Academic Policies Committee with the philosophy that the core curriculum should "provide a broad education with an emphasis on the sciences." In this curriculum, students would be encouraged to not specialize until his/ her junior year, with the guarantee that one would be able to complete any option in no more than two years. The most far-fetching changes in the core include the addition of a full year of lab, communication courses, and freshman research seminars.

Significant changes require persistence and time. The recommendations proposed at this SFC probably won't turn our lives around by 180 degrees, but just having the forum for discussion certainly moves Caltech in the right direction.

by Flora Ho

10:00 - 11:45 *Improving Communication*  
11:45 - 12:45 *Lunch*  
12:45 - 2:30 *Core Curriculum*  
2:45 - 4:30 *Quality of Teaching*  
4:45 - 6:30 *Honor System*  
6:30 - *Dinner on Olive Walk*

Sponsored by: Dean's Office, Student Affairs Office, ASCIT

The Caltech Women's Center finally opened its doors in the fall of 1993. The Center was established through the efforts of female and male faculty, staff, and students, but primarily of the Organization for Women at Caltech. The purpose of the Center is to address gender concerns of women and men in the Caltech community through policy development, education programs, and advocacy for individuals.

Kathleen Bartle-Schulweis was chosen as the director of the fledgling Center, bringing 20 years of experience working in campus environments to change the status of women in society. Previously she served as director of the Office for Women's Issues at the University of Southern California

(USC). Also coming from that Office is Beverly Kenworthy, Assistant to the Director, who graduated from USC in 1991. Tracy Tolbert, a Research Assistant at the Caltech Women's Center, is also a graduate student in the Ph.D. program in Sociology at USC where her major areas of study are Gender, Feminist Theory, and Criminology.

The Women's Center in its first year has served as a resource center and meeting location. It has sponsored programs on issues of women in science and engineering, child care, international women, minority women, and sexual harassment, as well as the popular Rape Crisis Counseling training, called "Helping a Friend." In addition, the Center is equipped

to take and respond to sexual assault complaints in a safe and confidential setting.

The Caltech Women's Center's first year has been exciting. Drop by the Center upstairs in Winnett and see what it has to offer you.

by Christy Esau

# Caltech Women's Center



Caltech Women's Center Staff: Tracy Tolbert, Research Assistant, Kathleen Bartle-Schulweis (seated), Director, and Beverly Kenworthy, Assistant to the Director.



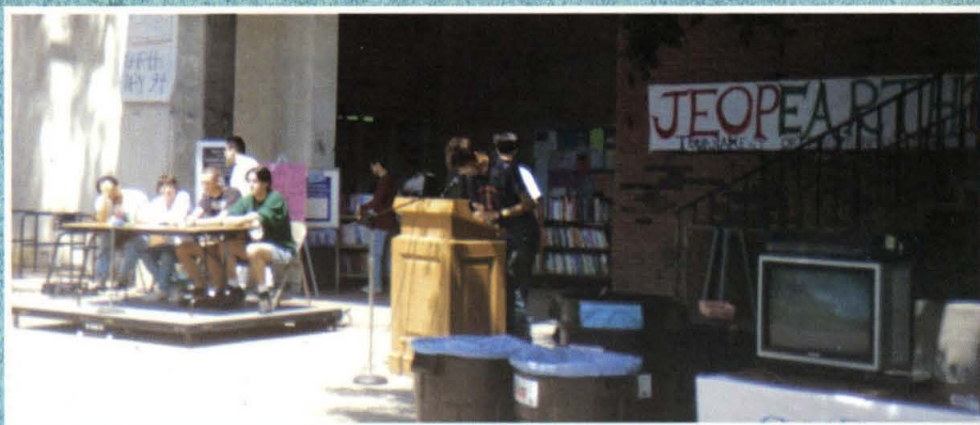
Francis Conley, M.D., a neurosurgeon at Stanford University Medical School, spoke at the OWC Annual Luncheon on "Ruminations of an Academic Maverick."



# THINK GREEN DAY

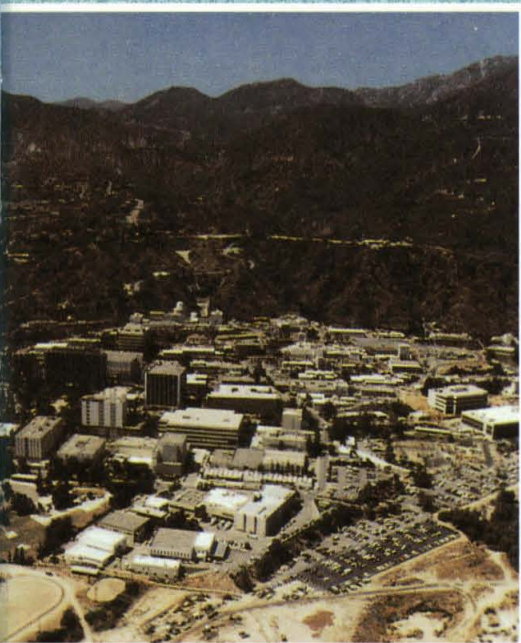
Caltech celebrated Earth Day in an event sponsored by the Caltech Y, the Caltech Environmental Task Force (CETF), ASCIT, the Graduate Deans, Student Affairs, GSC, and the Service League. In contrast to past Earth Day celebrations, this one focused on providing information to the entire campus to increase awareness of environmental issues. There were eighteen different information tables including Greenpeace, Heal the Bay, Zero Population Growth, The Sierra Club, and Wild Oats. Steel-drum musician Clyde provided entertainment, and all were encouraged to take part in the activities which included Jeop"earth"dy, an environmental-wrongs scavenger hunt, Sort-the-Recyclables, and finger-painting. Opening speaker Mitra Hartmann, a graduate student in Biology, emphasized everyone's responsibility for his/ her actions both off-campus and especially at Caltech. This is only the third annual Earth Day celebration at Caltech, and we look forward to increased participation in future environmental events.

by Becky Green





# THE FINAL FRONTIER



The Jet Propulsion Laboratory (JPL) is an operating division of Caltech that conducts research for NASA on the Solar System with automated spacecrafts. Because of Caltech's close association with JPL, students have an enormous opportunity to become involved in the staff of the over six-thousand scientists and engineers and support personnel.

During the school year, engineering and applied sciences students take advantage of the Caltech-JPL shuttle to work in the labs that sent out the spacecrafts which first gave us glances of distant planets. In the summer, through Caltech's SURF Program, students from all over the United States have had the chance to serve on a team of scientists working toward a common goal: mapping the final frontier.

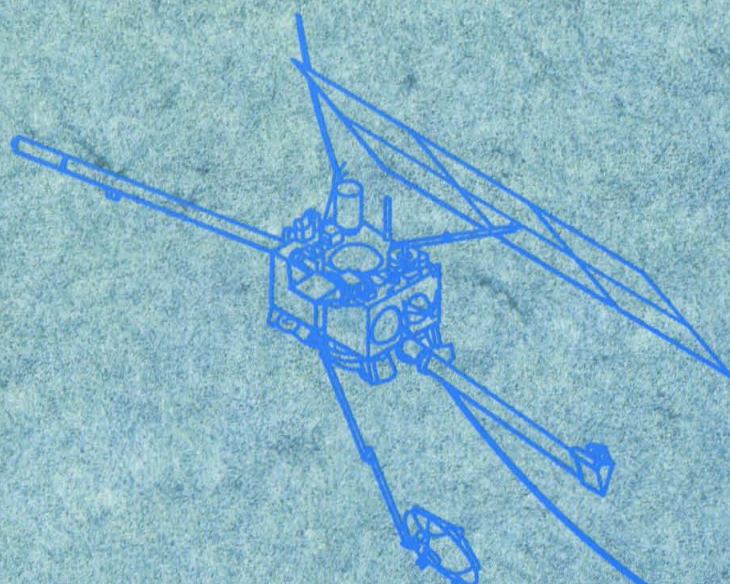
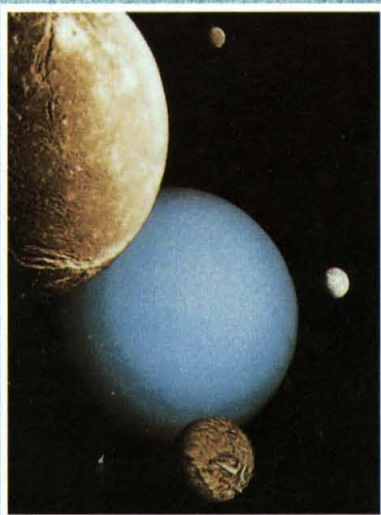
Because young scientists can participate in research at such places as JPL, the picture of the future of science and technology has never been more promising.

**Top left:** JPL.

**Top right:** Mars.

**Middle:** A montage of Uranus and its moons by Voyager 2, 1986.

**Middle right:** A montage of Jupiter and the Galilean satellites by the Voyagers, 1979.

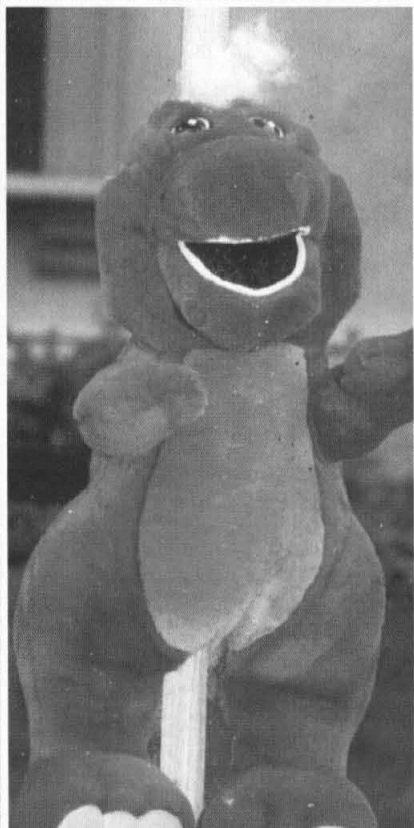




# A DITCH DAY . . .

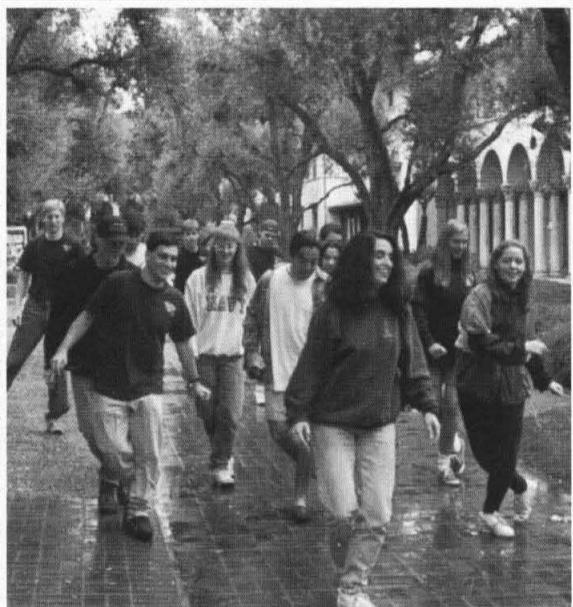


Jon McDunn instructs his partner on how not to get electrocuted.



Scurves send Barney to his maker.





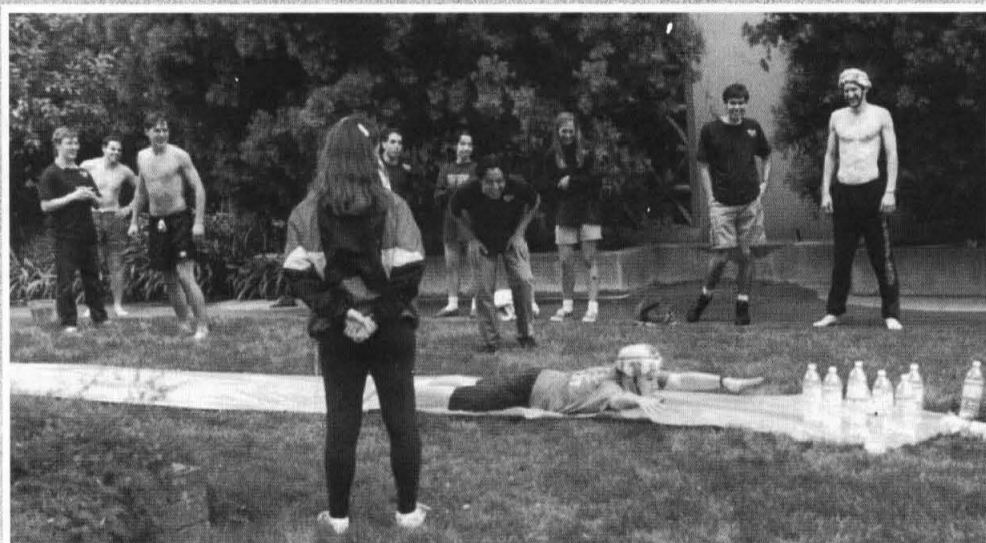
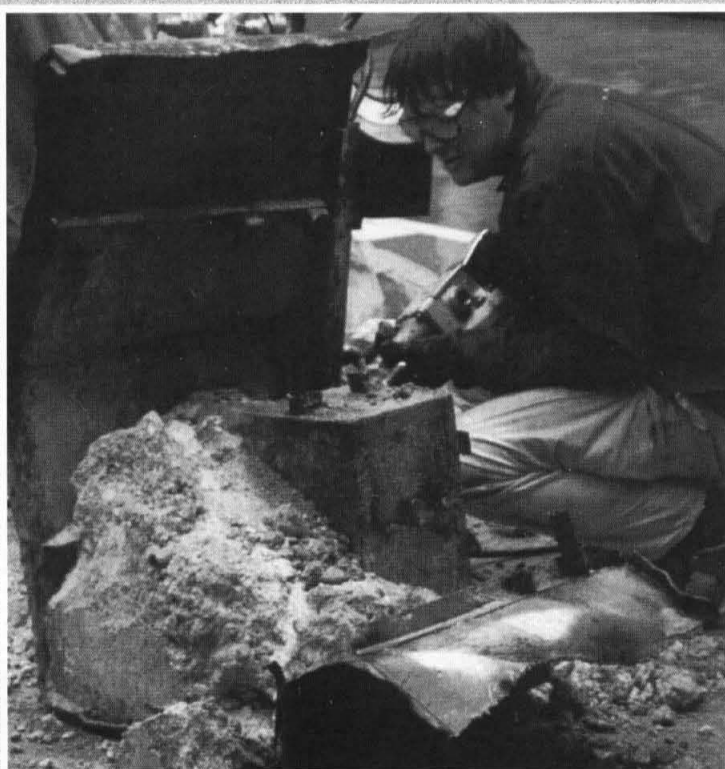
Undergraduate response to the survey question, "Have you ever used/tried an illegal drug?"

YES 85

NO 330

Below left: Liz Price leads Fleming House dancing in the rain.

Below right: Ruddock men muscle through a brute-force stack. Left, Brent Eubanks takes a breather after jack-hammering into cement.



Jump back- here comes the human bowling ball.



# ... IN THE LIFE OF TECH



A scrumptious bribe at the end of the day.



Joan-Marie Gimbel and Becky Green find themselves in a tight bind.

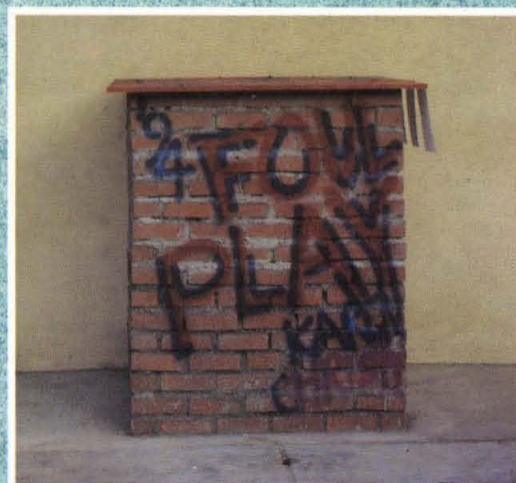


Lloydie John Langford learns the meaning of "brute-force".





This Techer would rather die than miss Ditch Day.



Before.....After



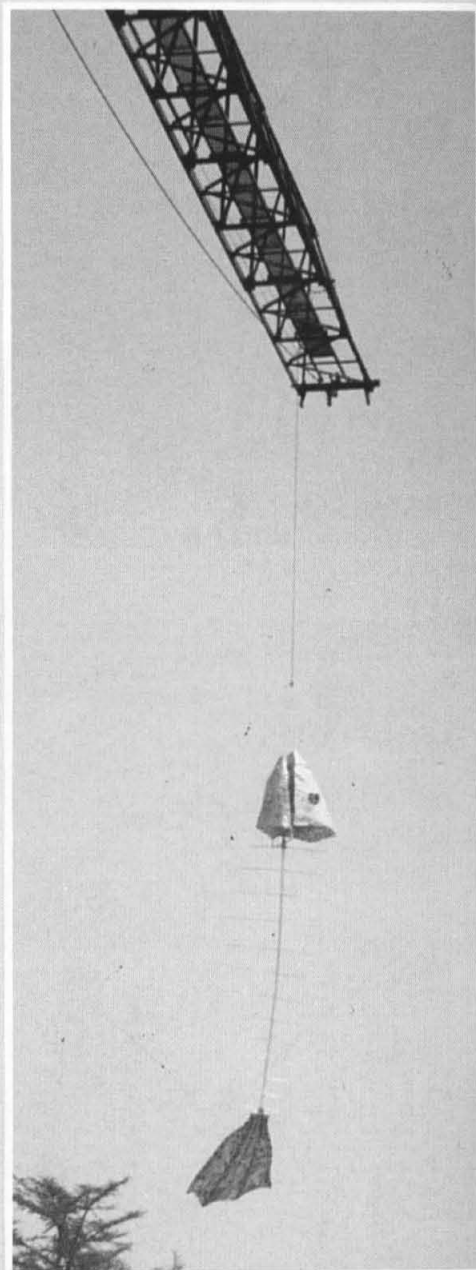
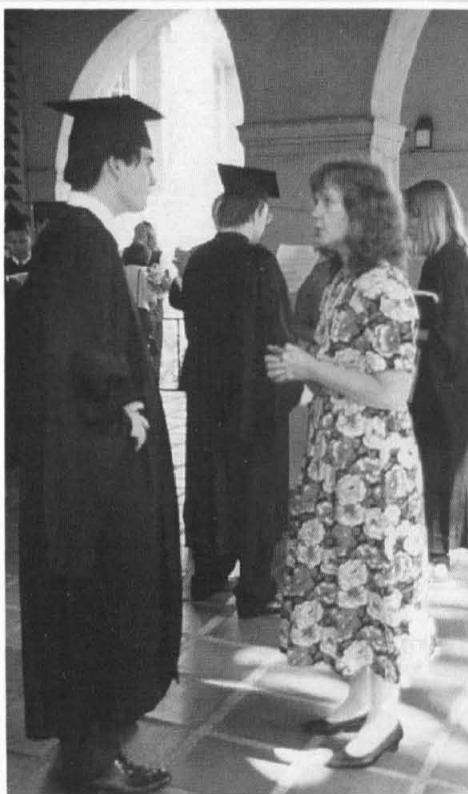
Moles wonder what this contraption is supposed to do.



# OFF THE HOOK...

Once again, commencement was held on a blazingly hot day in June. The speakers this year were President Thomas Everhart, and Trustee Emeritus Ruben Mettler. Along with two speakers this year, senior class president Joan-Marie Gimbel also had a chance to address the 100th graduating class of Caltech. This was believed to be a rare occasion since Caltech commencement exercises do not usually include student participation (aside from the obvious).

Going out in the true Caltech tradition, the Class of 1994 celebrated first with a giant fish skeleton hanging at the end of a line from a construction crane in a nearby construction site and ended with orange and white confetti from the roofs of the Beckman Behavioral Biology and the Baxter Buildings.

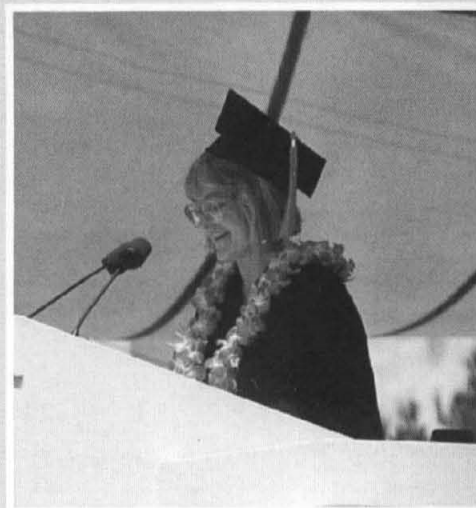


**Top left:** A dean's job is never done; Dean Green gives Mike Clemens a few words of advice minutes before the ceremony.

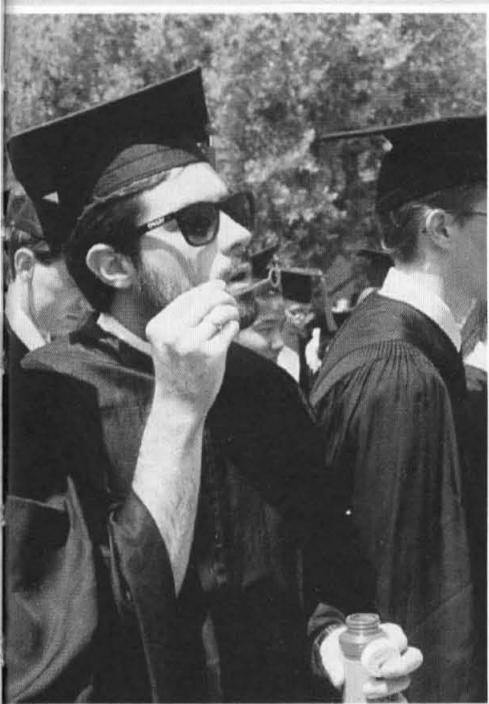
**Top right:** Techers' commentary on Commencement '94.

**Above:** "Look Ma, I'm graduating!"

**Right:** Class President Joan-Marie Gimbel gets an unusual turn behind the podium.



# Commencement



**Top left:** Charles Halloran cools off with some bubbles.

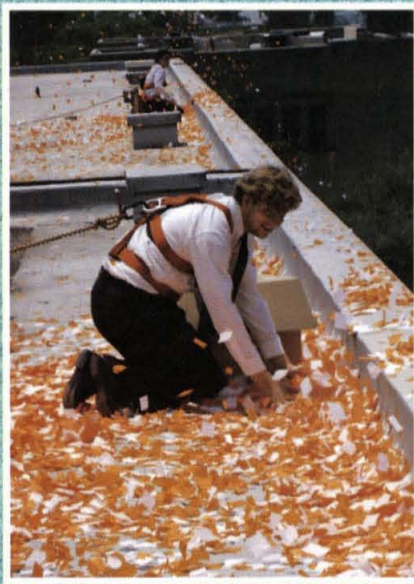
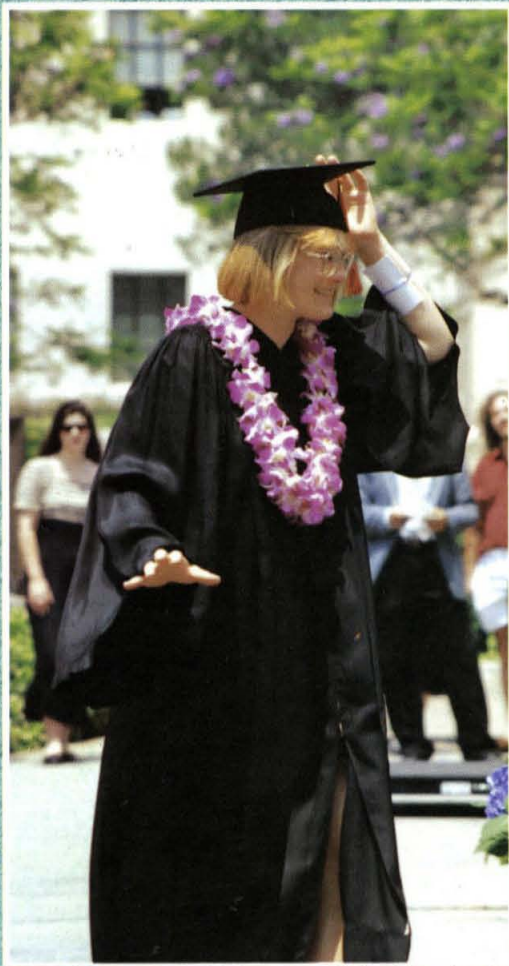
**Top right:** Caltech faculty members deck out in full academic garb.

**Bottom left:** President Everhart, dimples and all, addresses the Class of 1994.

**Above:** The grass is green; the sky is blue; I'm graduating — are you?

**Left:** The heat is tough on graduates and spectators.





**Top left:** It looks like Joan-Marie has a trick up her sleeve.

**Top right:** "Am I in the right line?"

**Above:** How'd you like to have his job?

**Bottom middle:** No, President Clinton was not the speaker this year.

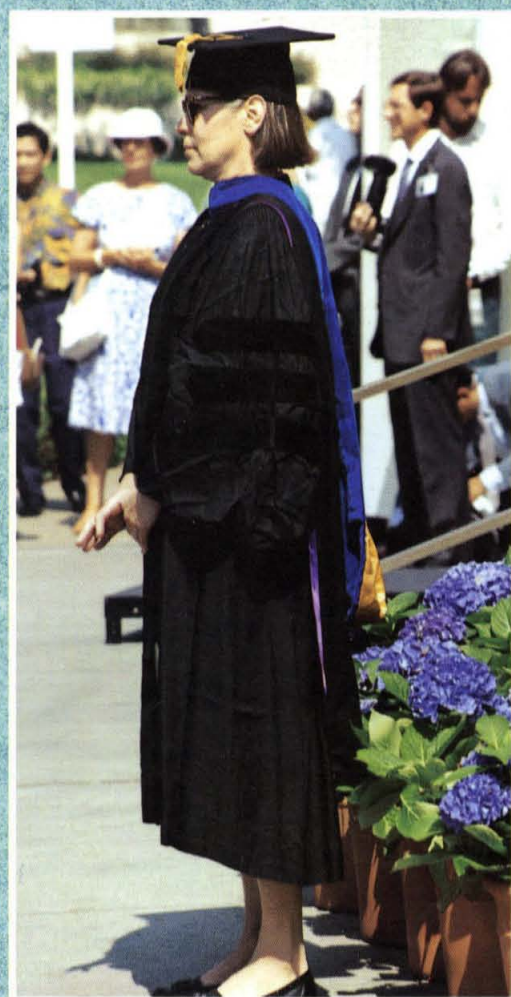
**Bottom right:** Class of 2010 looks on. . .

**Opposing page Top:** Twelve terms (more or less) later. . .

**Bottom left:** Dr. Brennan and Dean Kiewiet lead the processional of new alums

**Bottom right:** "Has everyone passed all 486 units?" Registrar Judith Goodstein is watching!











**Ads**



*Congratulations  
and  
Best Wishes  
to the  
Class of 1994*

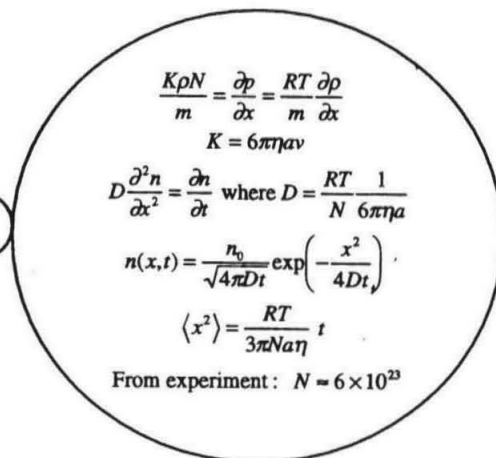
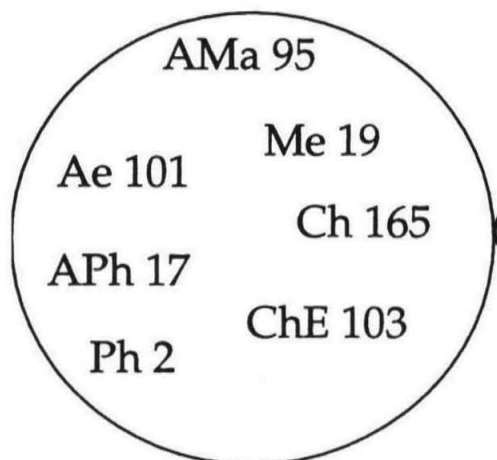
*from the  
Division  
of  
Physics, Mathematics and Astronomy*

## CONGRATULATIONS TO THE CLASS OF 1994

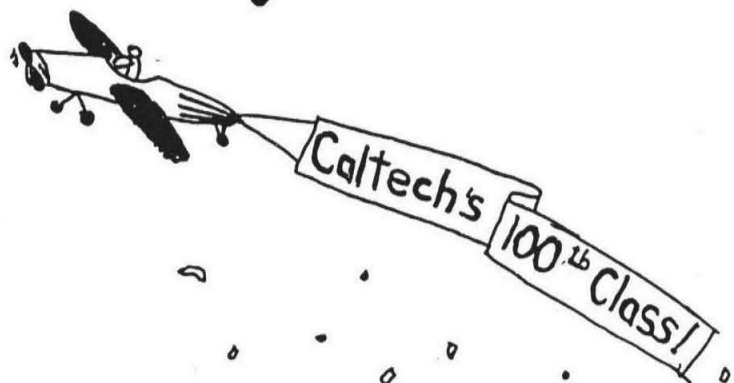


**V.P. OF STUDENT AFFAIRS**

*Congratulations to the Class of 1994  
from the Faculty and Staff of the  
Engineering and Applied Sciences Division*



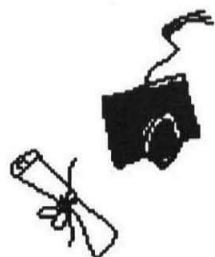
# ***Congratulations to the Class of 1994!***



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



**Congratulations  
to the Class of 1994!**



from the

**Division  
of the Humanities  
and Social Sciences**

***Congratulations  
and  
Good Luck  
Class of 1994!***

**Career  
Development  
Center**



## *Best Wishes to All Graduates from the Athletic Department*

*Good Luck... We'll Miss You!*

\*\*\*\*\*

Clint Dodd • Swimming, Water Polo  
Mike Jackson • Golf, Tennis  
Karen Nelson • Tennis  
Jim O'Brien • Track, Cross Country  
Wendell Jack • Asst. Athletic Director  
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

# **Congratulations and Good Luck to the Class of 1994**



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

## **CONGRATULATIONS AND GOOD LUCK TO THE CLASS OF 1994!**

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

**Becky "Speckles" Green** - Caltech Y prez for '93 and '94,  
mega-buff Y-hiker, Earth Day woman,  
and all-around peachy person.

**Seiya "Oh Wow!" Fukuda** - Tijuana man, BBQ guru,  
Broomball referee ("See Seiya fly!"),  
secretary, and always there to lend a  
hand when you need him.

**Joan Marie "JM" Gimbel** - Y-Hike leader with  
a passion for pit stops at Walmart  
("Chris, we had a little accident,  
got my glasses fixed...  
then we went on the waterslide.")

*Congratulations  
and Best Wishes  
to the  
Class of 1994*



*From the Office of the President*

**CONGRATULATIONS  
AND  
BEST WISHES  
TO THE  
CLASS OF 1994**

**THE PROVOST'S  
OFFICE**



**CONGRATULATIONS  
GRADUATING CLASS OF  
1994**

**We invite your membership.  
Let's keep in touch!**

**Congratulations  
to the  
Class of 1994**



**The Registrar's Office**



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



**CONGRATULATIONS  
TO THE CLASS OF 1994**



**Four years already???**

**Yeah, easy for us to say, right?**

**Well, we just wanted you to know:**

**We'll miss you!!!**

**Freshman Admissions Committee**

**1993-1994**

## **CONGRATULATIONS!** **to the graduating seniors in Biology**

**Moeen Abedin**

**Shaun Carstairs**

**Chang-Hwa (Mary) Chen**

**Marcus Chen**

**Yu Chen**

**Wing Cheung**

**Christine Esau**

**Seiya Fukuda**

**Kimberly Hatch**

**Frances Kim**

**Jason T. Lee**

**Rex Lew**

**Michael Lin**

**Sacha Malin**

**Michael Oder**

**Aaron Petty**

**Jed Pitera**

**Paul Rothmund**

**Lawrence Schaufler**

**Karen Shih**

**William Zen**

**from the Faculty & Staff of the Biology Division**



# CONGRATULATIONS

TO THE GRADUATING SENIORS  
OF GEOLOGICAL AND PLANETARY  
SCIENCES

CLASS OF 1994!

*Sarah Barwig*

*Cynthia Machacek*

FROM THE ENTIRE DIVISION

# Congratulations!



Dean's Office Wishes  
Good Luck  
to the  
Class of 1994!

# CONGRATULATIONS TO OUR GRADUATES

Scott Eric Bjerke  
Ned Barry Bowden  
Gillian Nicole Bush  
Graham Ian Cummins  
Charles Ryan Halloran  
Linda Joy Hanely

Tara Leigh Kirby  
Vania Hyungjin Lee  
Forrest Stuart Long  
Linh Khanh Lu  
Dan Bergen Millward  
Roger Ethan Moore  
James Steven Murdoch

David Austin Nichols  
Gary Thomas Olsen  
Jed Walter Pitera  
Lawrence E. Schaufler  
Jiaperng Jennifer Wei  
Maha Zewail

CHEMISTRY AND CHEMICAL ENGINEERING

# CONGRATULATIONS GRADUATES



Thanks for letting us be  
a part of your Caltech experience.  
Your friends at the Housing Office.

Congratulations  
to the Class of 1994



The Faculty

CONGRATULATIONS, SENIORS

We wish you a great deal of

***SUCCESS***

in your future endeavors  
Caltech Graphic Arts



## *Congratulations to the Class of 1994*



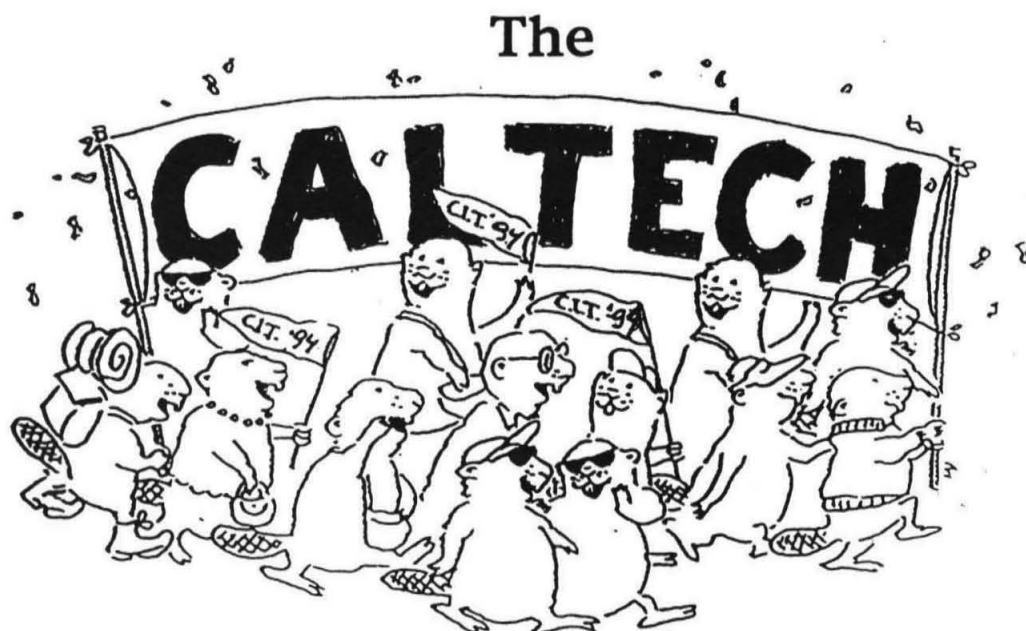
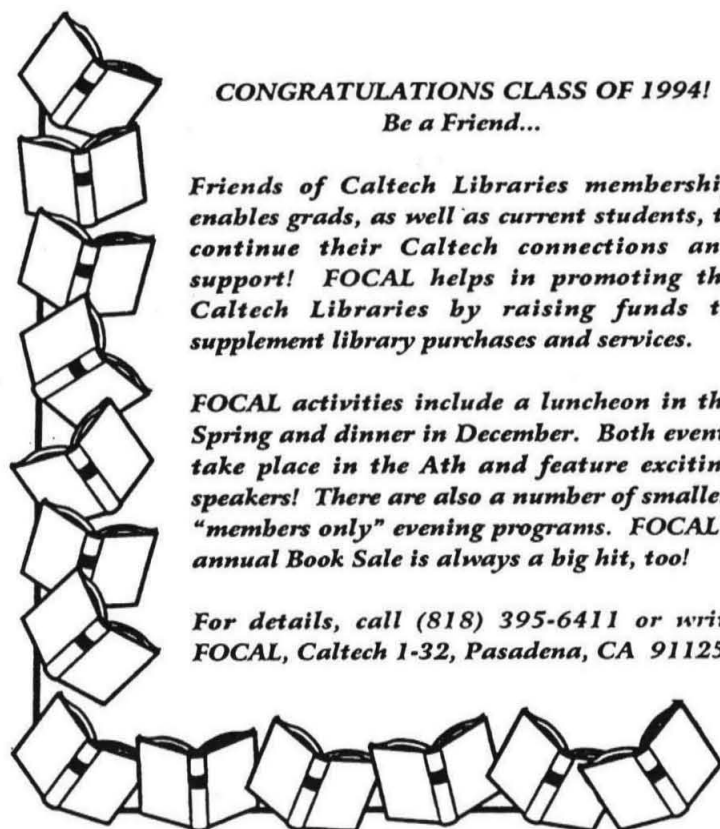
*from the SURF Team*

### **CONGRATULATIONS CLASS OF 1994! 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.*

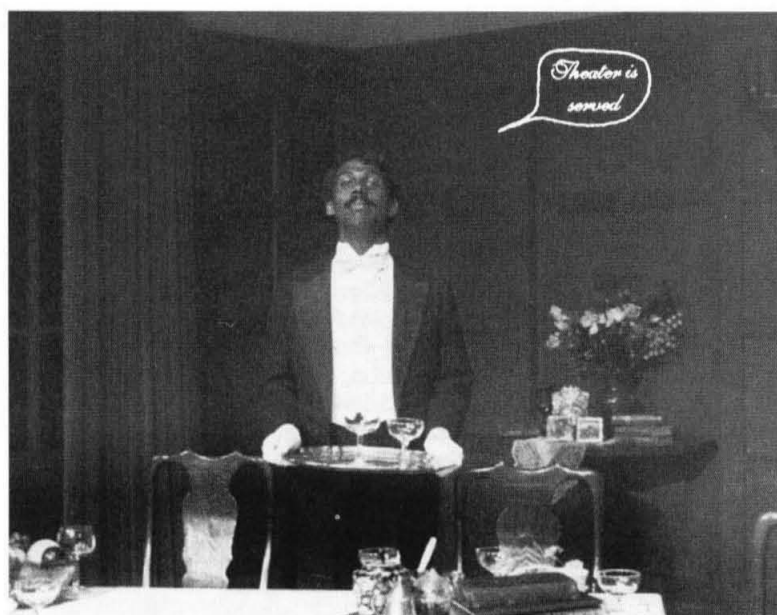
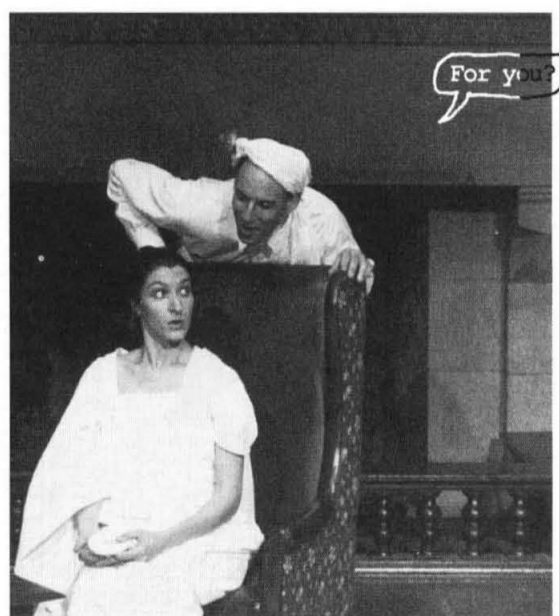
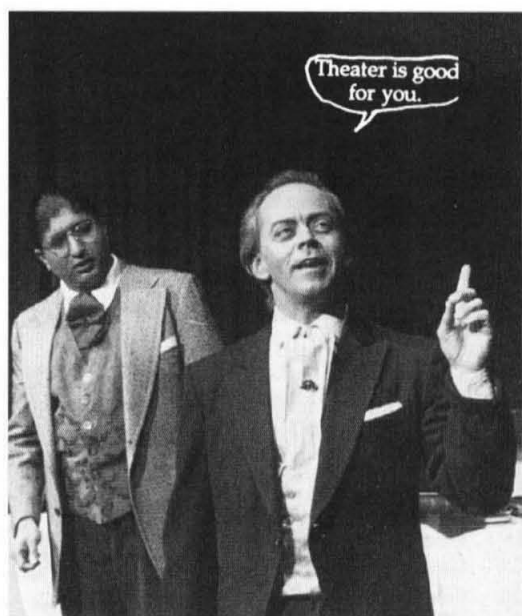
*FOCAL activities include a luncheon in the Spring and dinner in December. Both events take place in the Ath and feature exciting speakers! There are also a number of smaller, "members only" evening programs. FOCAL's annual Book Sale is always a big hit, too!*

*For details, call (818) 395-6411 or write FOCAL, Caltech 1-32, Pasadena, CA 91125.*



**ALUMNI ASSOCIATION  
congratulates  
the  
CLASS OF 1994!**

# T.A.C.I.T. congratulates all the graduating seniors- **AND ALWAYS REMEMBER. . .**





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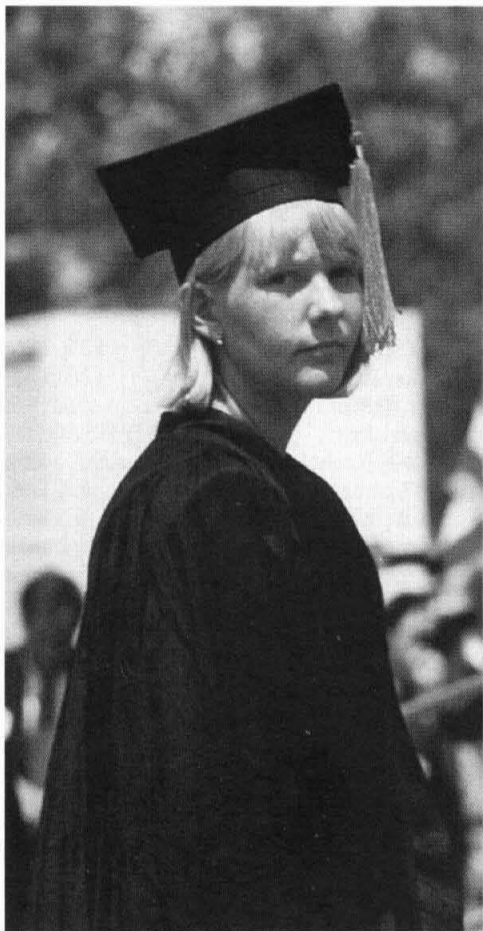
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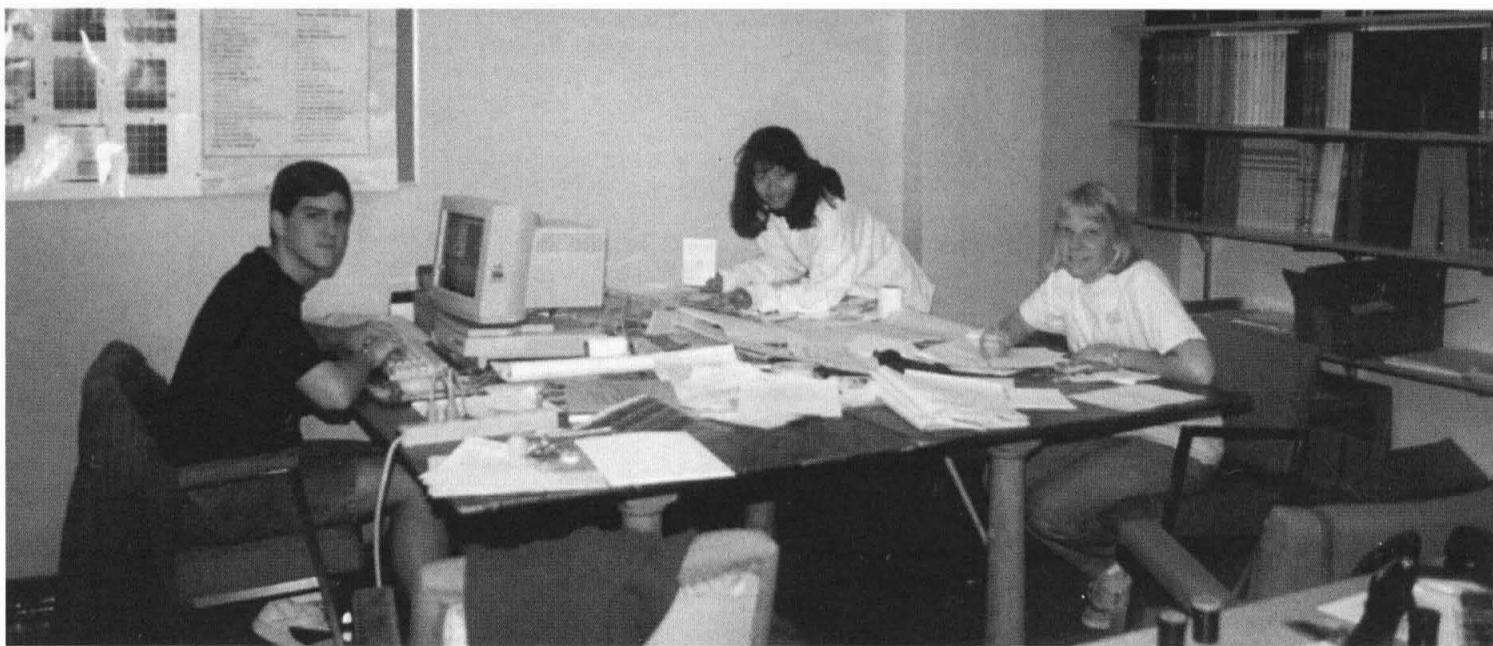


## THANK YOU

Thanks to everyone who contributed to the book this year. Scott Driggs and Barbara Weir helped out a lot with photo stuff, and the coaches and athletes were invaluable in putting together the sports section. Thanks to the house editors for only occasionally being late (except for Blacker whose editors get special congratulations for never being more than a day late!) Thanks to Corey Mundwiler for his help and patience. This book never would have happened without the help of many other people whose names are too numerous to mention. Thanks again!

**Christy Esau**  
**Nestor Ocampo**

*Karen Shih*



## COLOPHON

The *Big T* is published annually by the Associated Students of the California Institute of Technology (ASCIT). The 1994 *Big T*, "The Big Picture," is printed by Taylor Publishing Company, Dallas, Texas, with an initial press run of 850 copies, 240 pages. The book is printed on 80 lb. matte text paper. The cover is a four-color lithocote with mylar lamination, cased in with 150 pt. binder's board. Endsheets are made of recycled endsheet stock printed in one color. Body copy is printed in Times Roman, captions in Geneva, and headlines in Nouveau Bold. The cover photo is by Aron Rempel. No part of the 1994 *Big T* may be reproduced in any way without consent of ASCIT. Send requests to ASCIT, c/o The *Big T*, Caltech 27-58, Pasadena, CA 91125.



