



California Institute of Technology



1998 BIG T





ACADEMICS • 26

GROUPS • 40

ATHLETICS • 64

HOUSES • 82

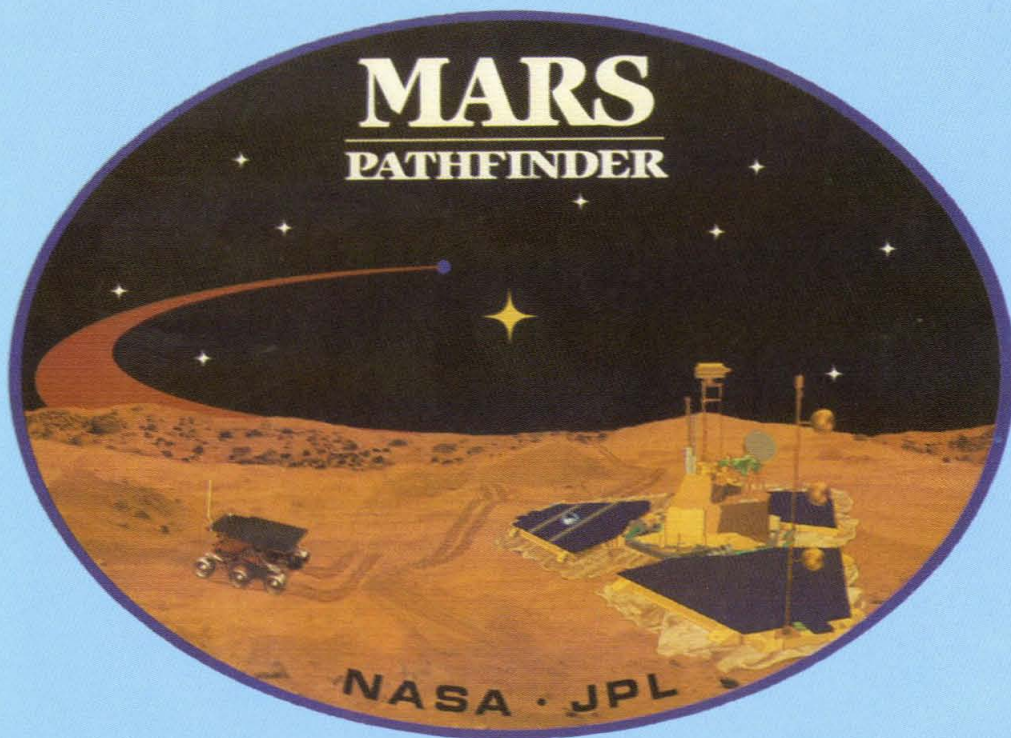
SENIORS • 168

ADVERTISEMENTS • 226



# The Big T

1 9 9 8



*California Institute of Technology  
Pasadena, California*

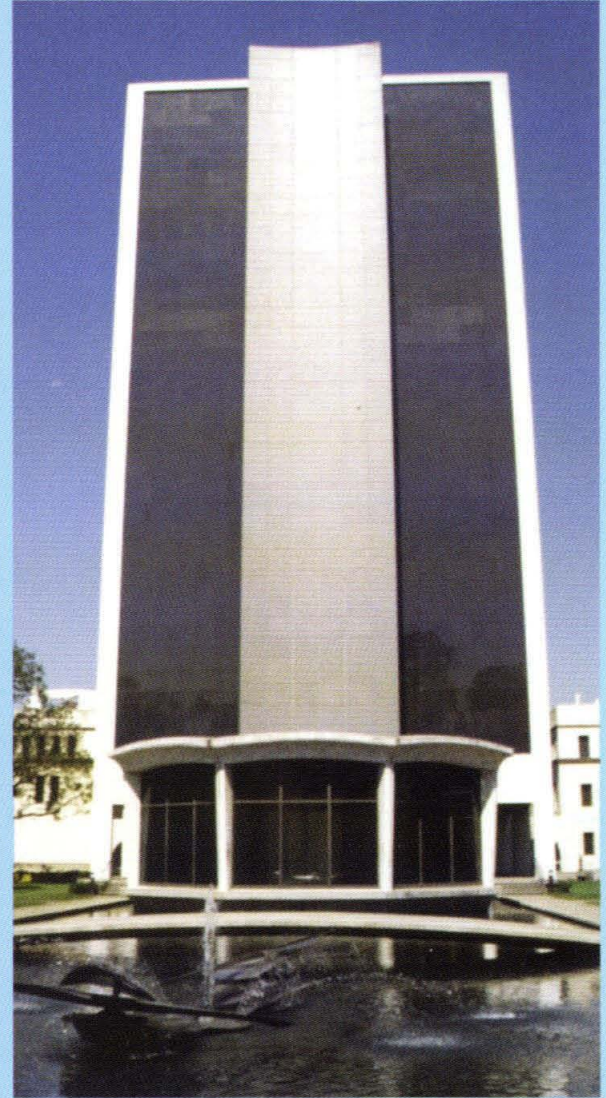
*Volume 77*



# *This is Caltech...*



Throop Memorial Gardens



North Entrance to Gates

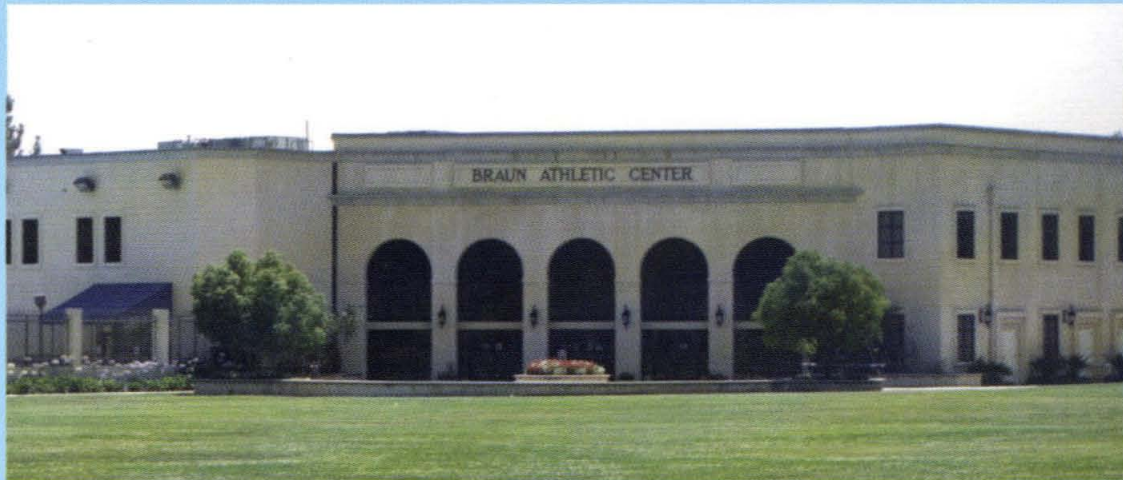


Ten Jin





The courtyard between Robinson and South Mudd

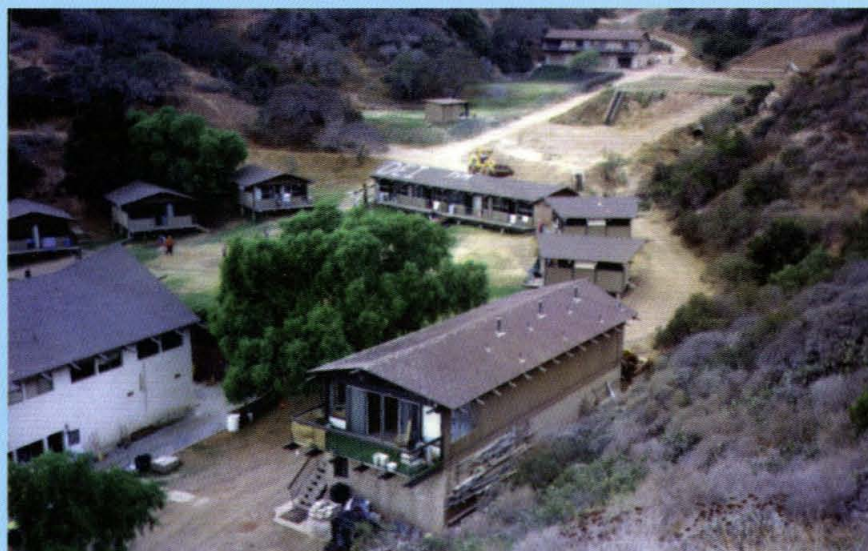


Student Activities Center Courtyard





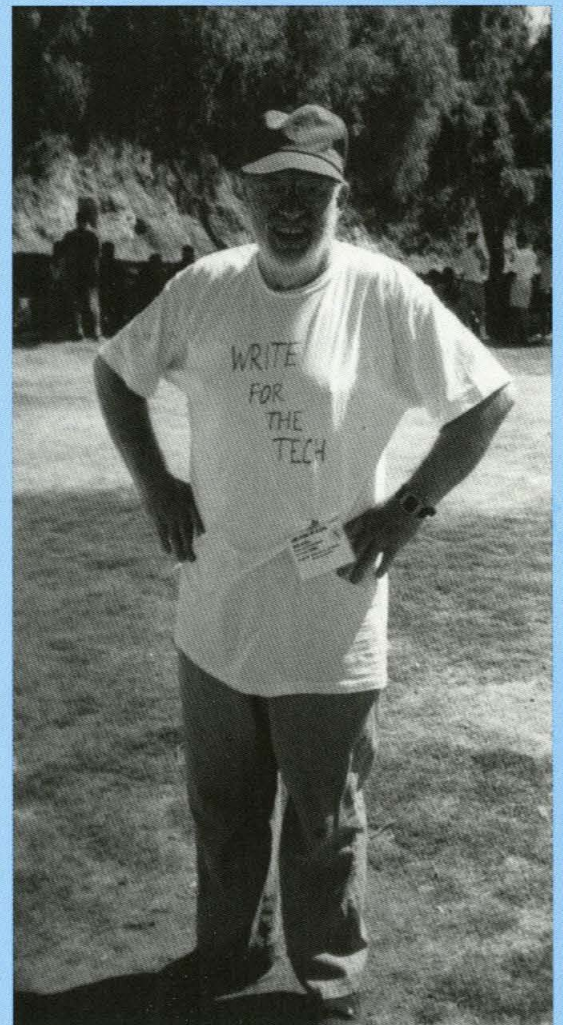
# *Frosh*



Frosh Camp, held at Camp Fox on Catalina Island, is intended to introduce the newest students to Caltech and to let them meet their classmates. Early on the first day, the freshmen gather together and load up the busses that will take them to the boats to the island. Many people sleep, but quite a few of the freshmen get to know the other freshmen and the Upper Class Counselors that are along on the trip. Many activities keep the frosh occupied for the three-day trip. There are talks about the Honor Code, Challenges and Choices, and Diversity at Caltech. The annual ME Boat Building Contest, talent show (complete with house skits), and a party on the last night round out the activities for the three days. When the freshmen are not participating in any of the scheduled activities, they find other people on the island to play ultimate frisbee, football, or go kayaking. Frosh Camp is a part of the Caltech experience that the freshmen will always remember.



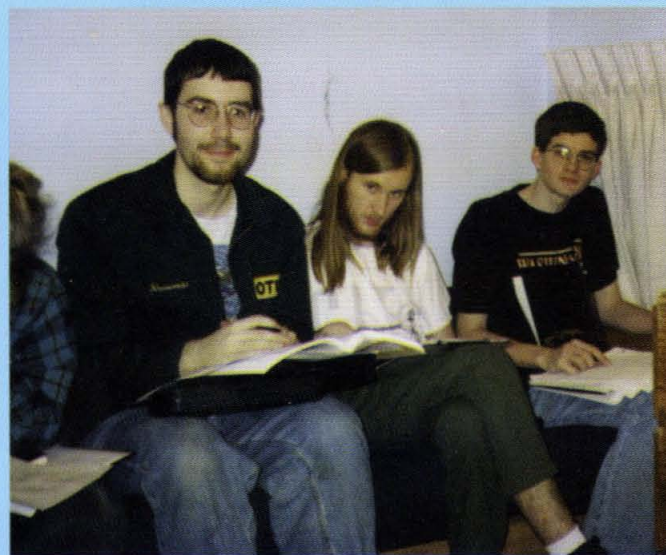
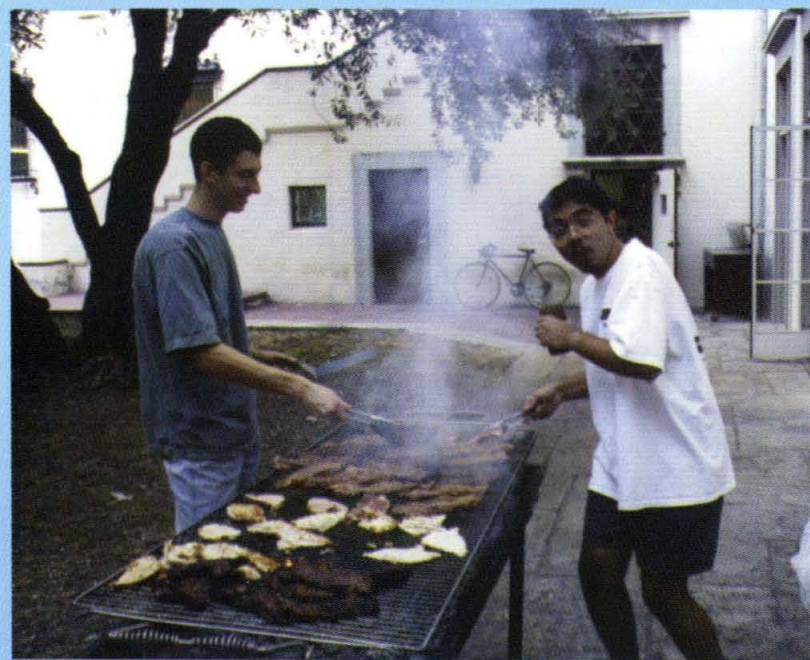
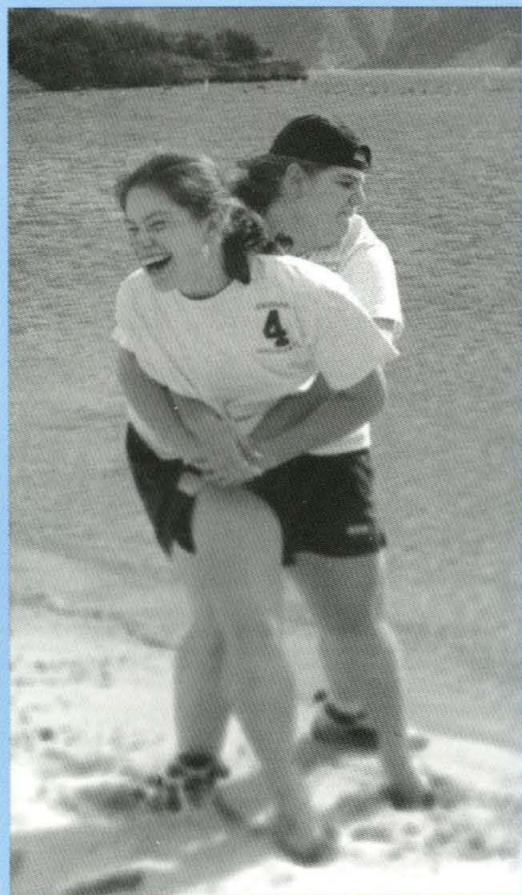
# Camp



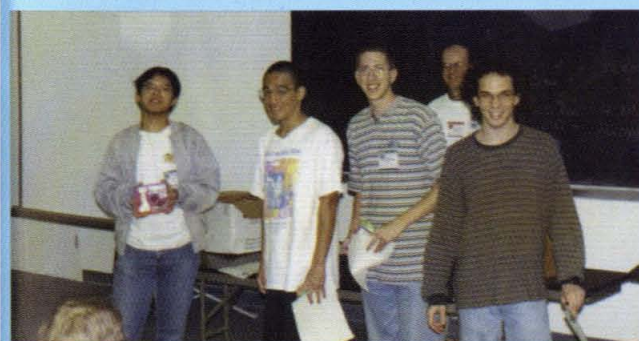
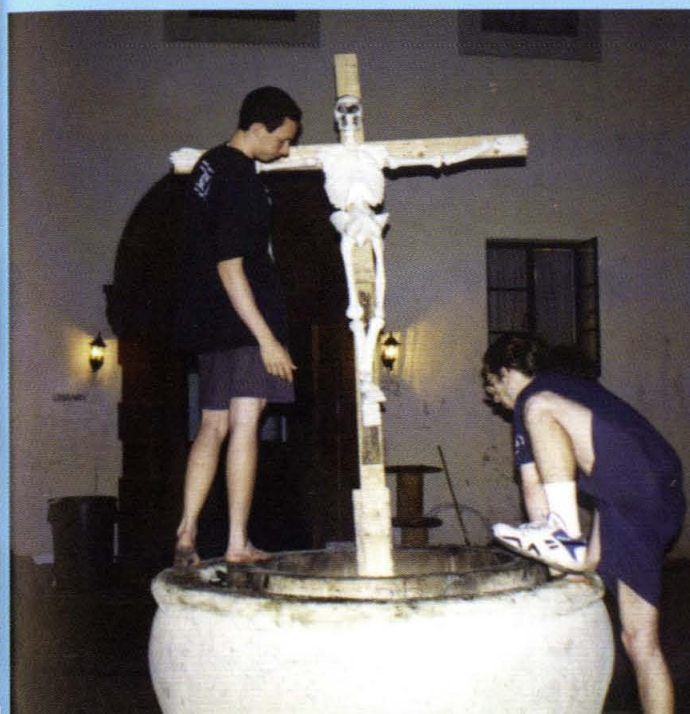
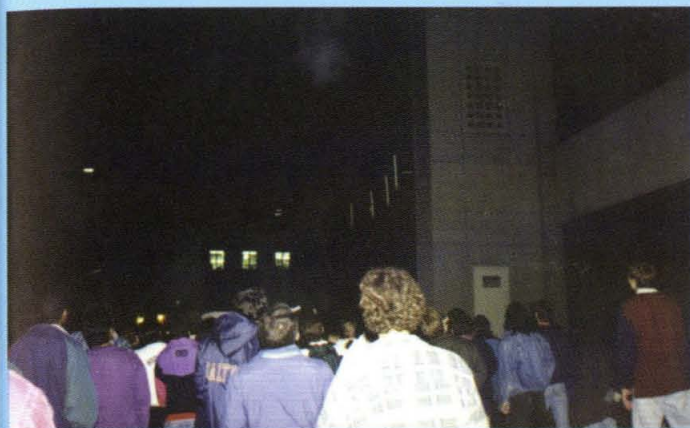




# STUDENT LIFE









# SURF



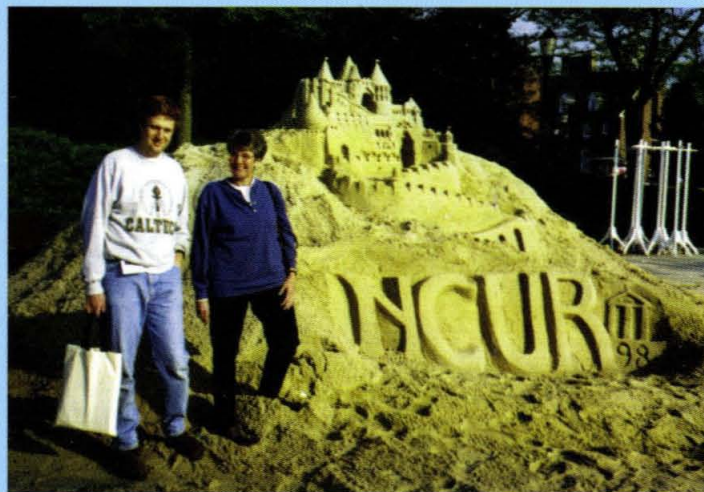
From Summertime SURFing  
By SURF Director, Carolyn Merkel

For twenty years SURF, Summer Undergraduate Research Fellowship, students have had the opportunity to conduct independent research projects under the guidance of leading scientists and technical researchers here at Caltech or at JPL. The essence of SURF is the tutorial relationship between student and mentor. SURF introduces students to the life of the scientist and helps to identify and encourage research creativity.



## SURF

Summer Undergraduate Research Fellowships







SURF imitates the grant-seeking process. In collaboration with their mentors, students write proposals for their projects. A faculty committee reviews the proposals and awards are made on the basis of reviewer recommendation and available funding. At the conclusion, the students submit a technical paper and give an oral presentation on SURF Seminar Day.



Through SURF, students experience the process of research as a creative intellectual activity and gain a more realistic view of the opportunities and demands of a professional research career.







Existing Facade Looking N/W

# Winnett Rehab



the old book store



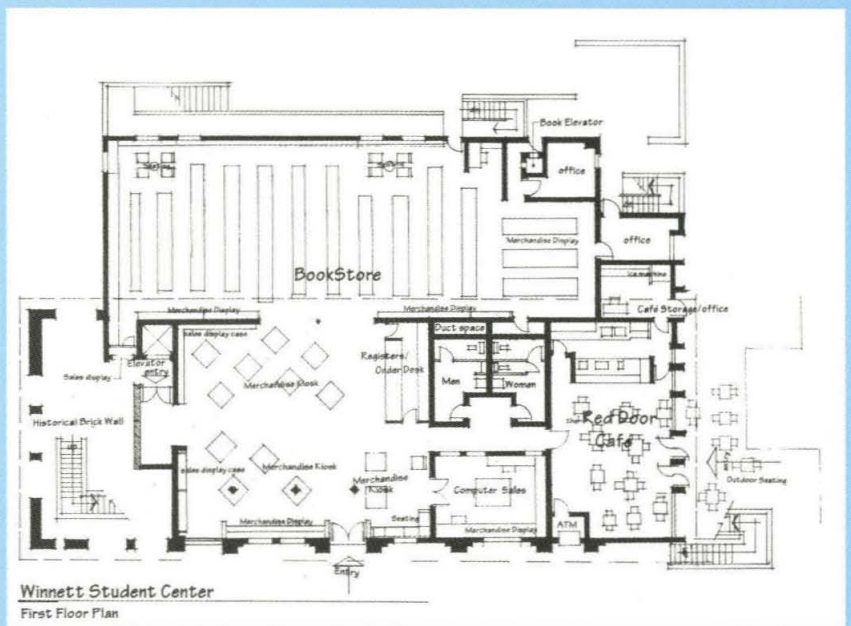
the temporary bookstore



ASCIT Doughnuts is a popular event that had to be moved due to construction.



Winnett spent most of the year in various states of deconstruction, as a major rehabilitation was implemented. The bookstore will be expanded to more of the first floor, sharing space with the new Red Door Cafe. The Residence Life & MOSH's Office, temporarily located in cushy surroundings in Steele House, will eventually be relocated to Keck House.

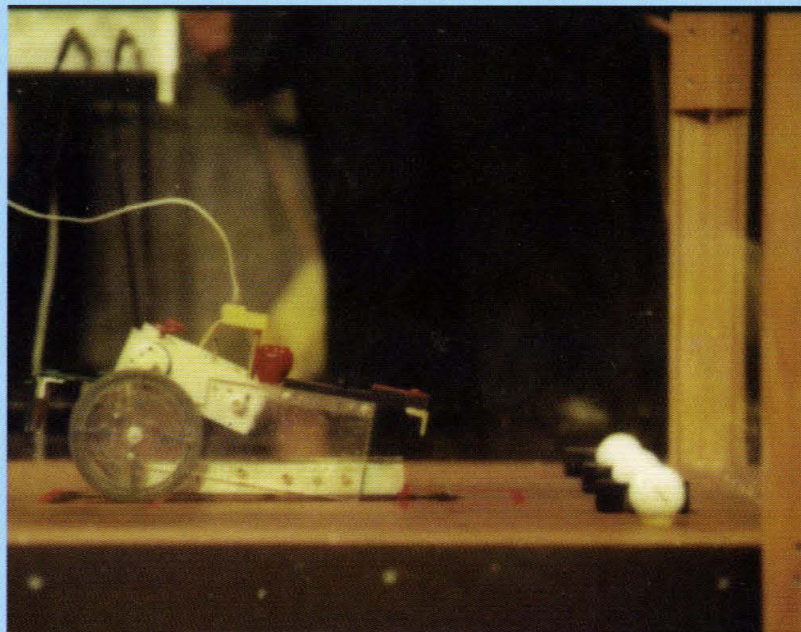


The work progresses well.



Proposed Facade Improvements Looking N/W

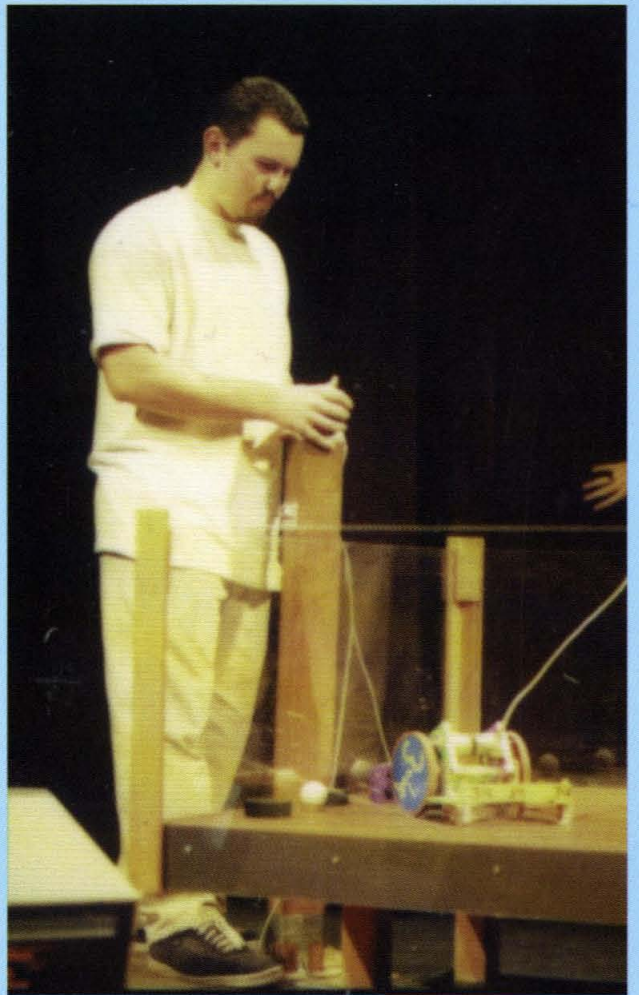




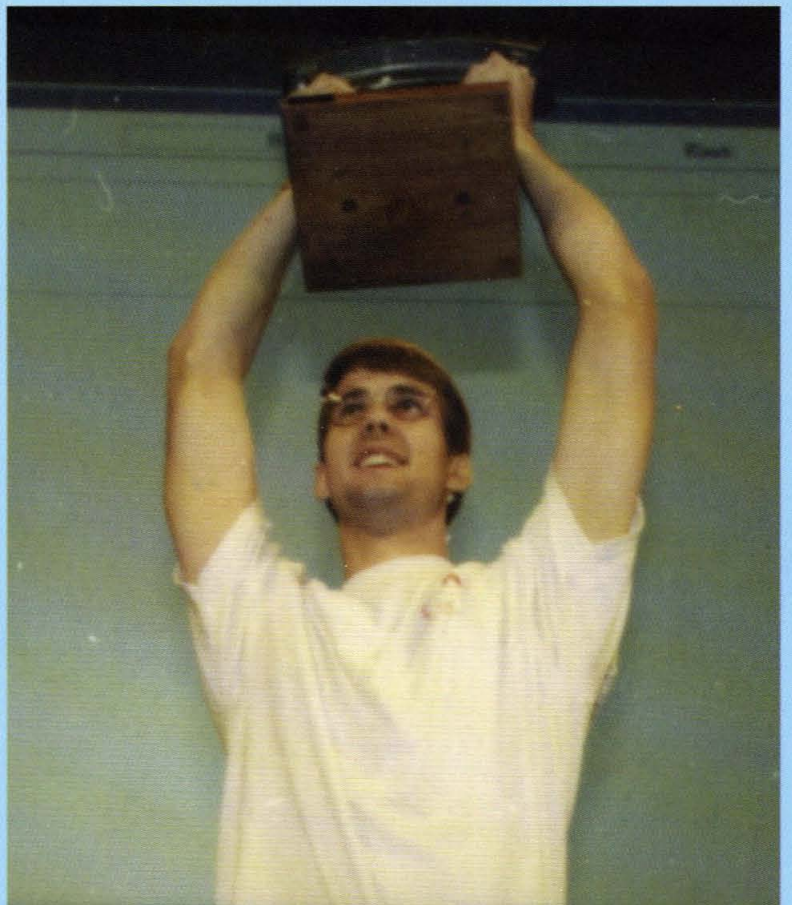
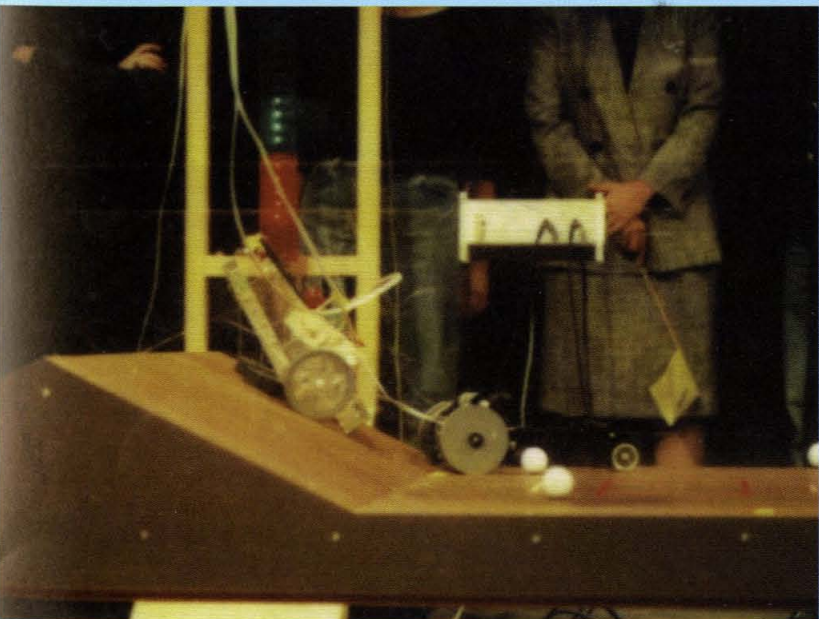
# *ME 72*







# CONTEST



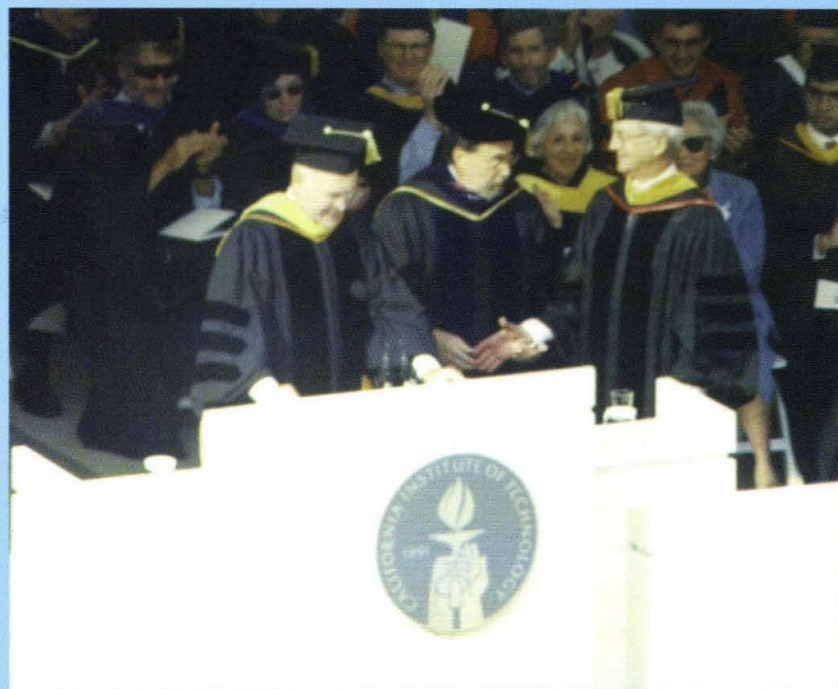
Contest winner Ben Turk holds his trophy high.



# *The Inauguration of Dr. David Baltimore*











# *Ditch*



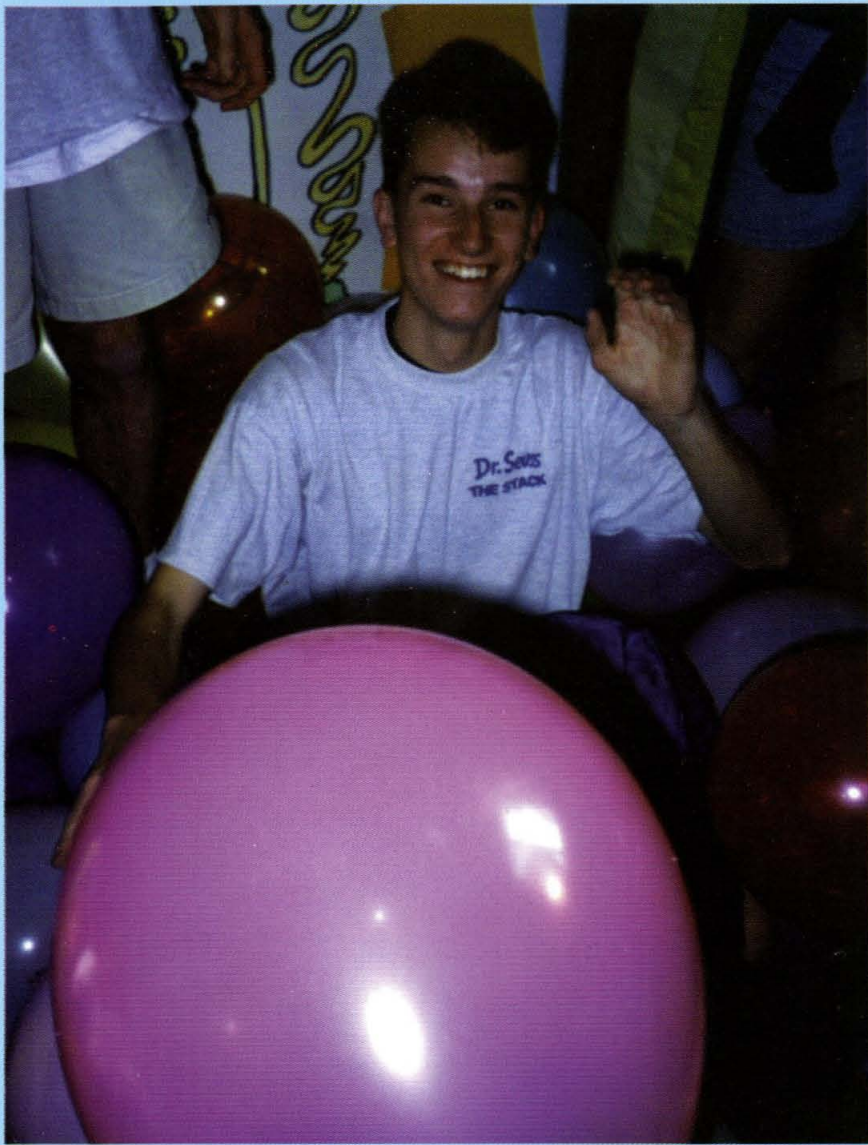


# Day

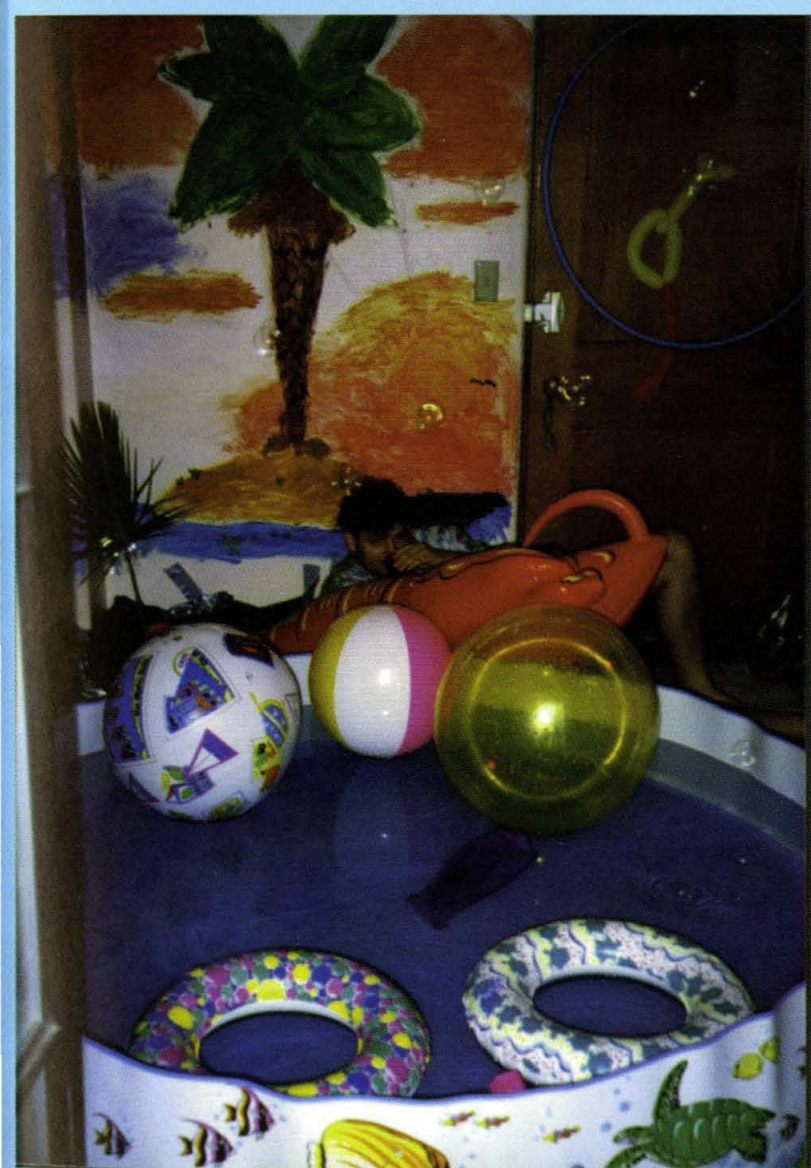
May 14,  
1998





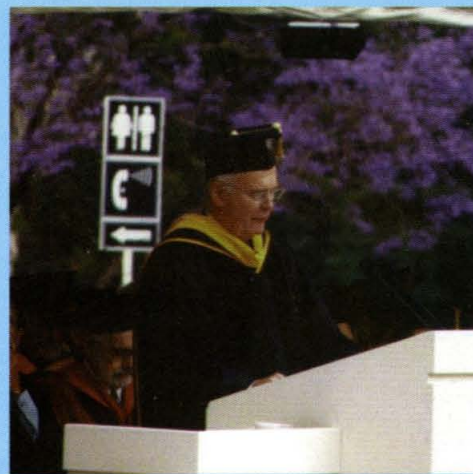
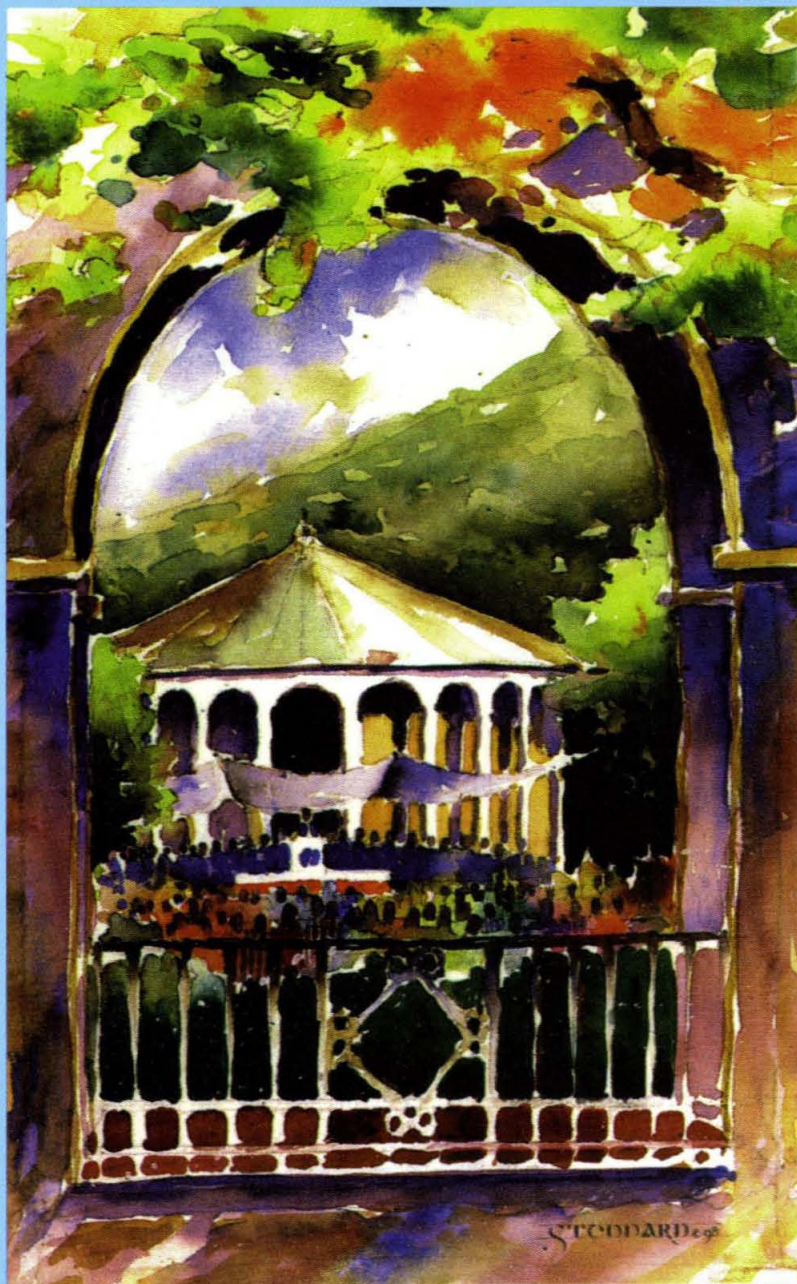




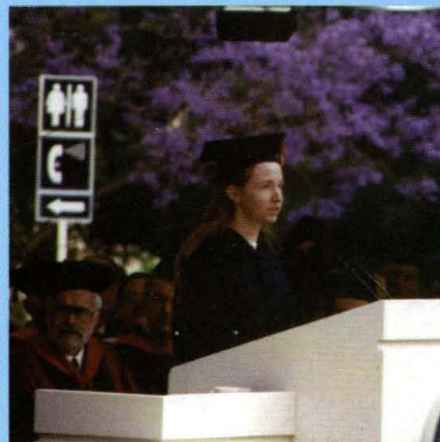




# 104<sup>th</sup> Annual Commencement June 12, 1998



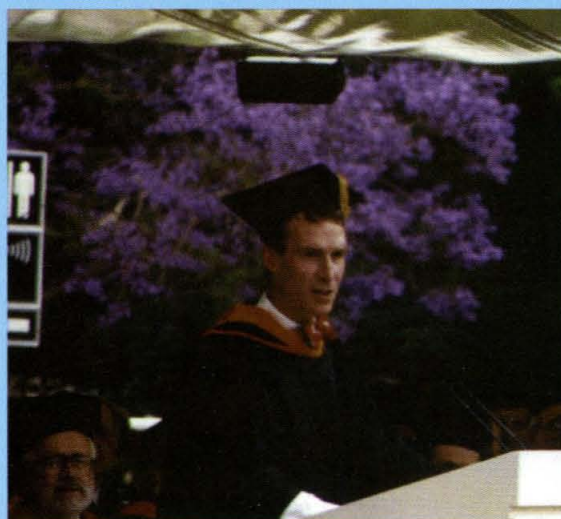
Dr. Gordon E. Moore introduces Sara Beaber,



who introduces Ecphonema,



who introduces Bill Nye, the Science Guy.

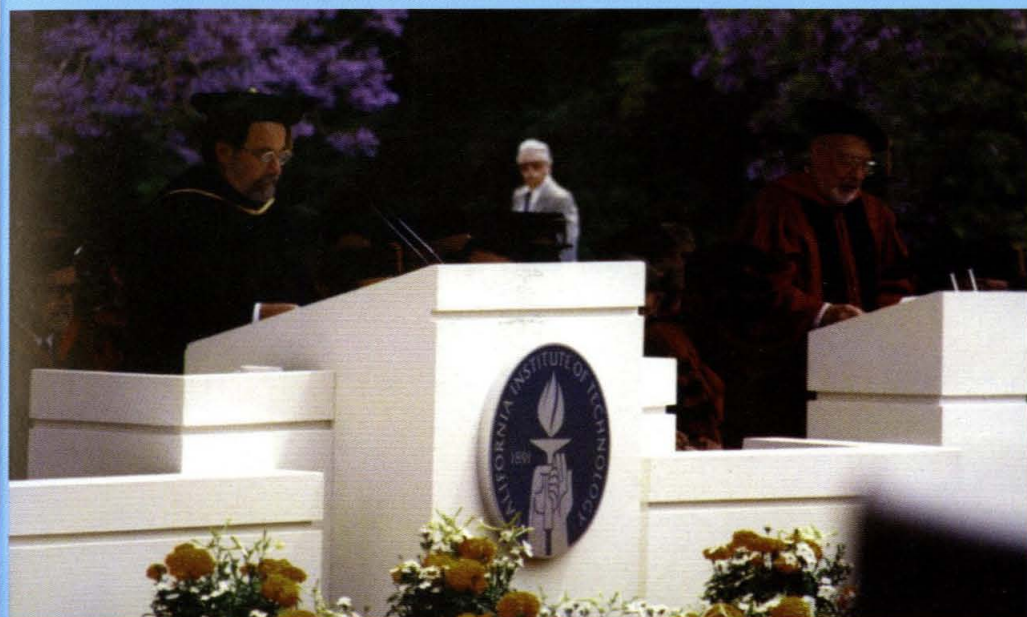


"Hold On to Your Passion; Keep Your Head"





Above: Caltech Faculty proceed to the stage.



Left: Dean Revel and President Baltimore prepare to present the degrees.

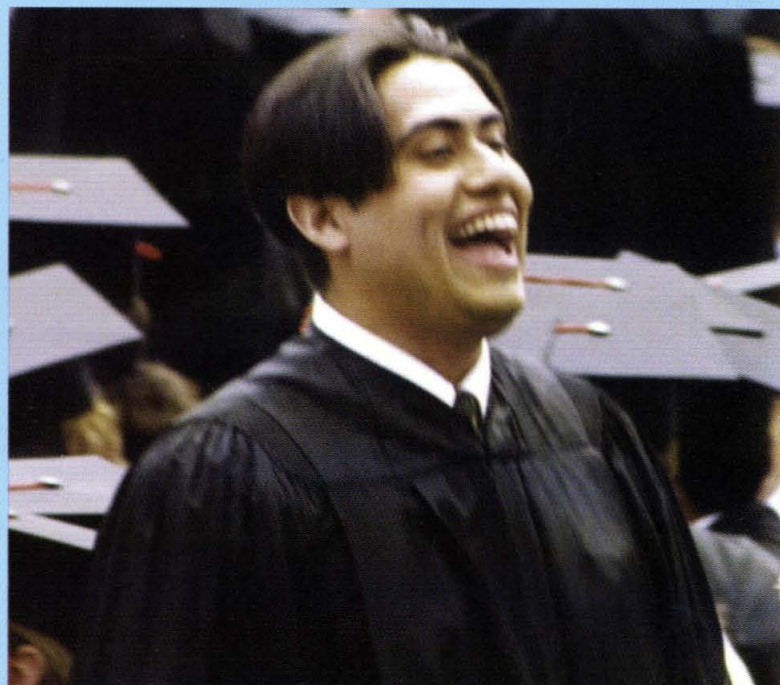
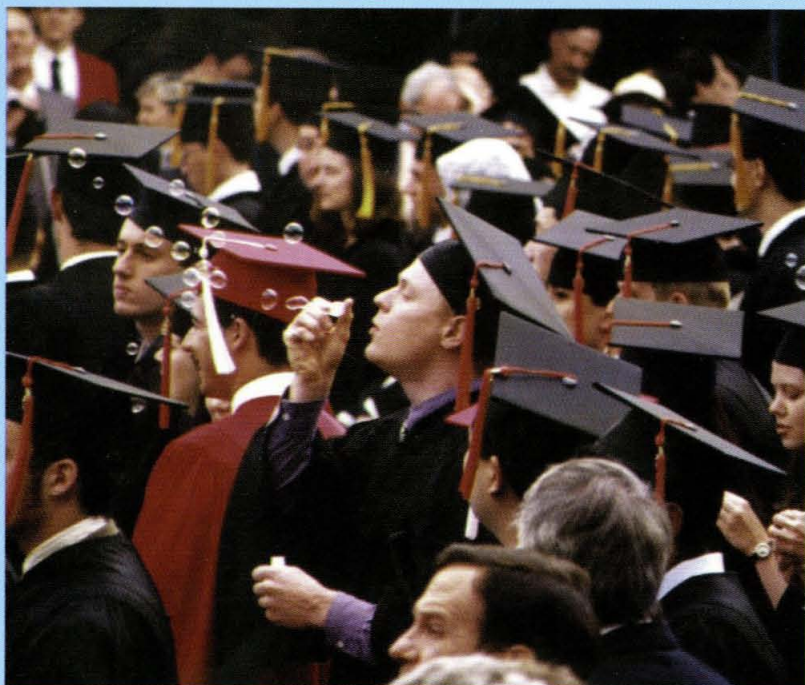
Below: The students and their families listen to the speakers.







Myfanwy Callahan receives her diploma from Dr. Baltimore.



Samantha Foster is happy to receive her diploma.





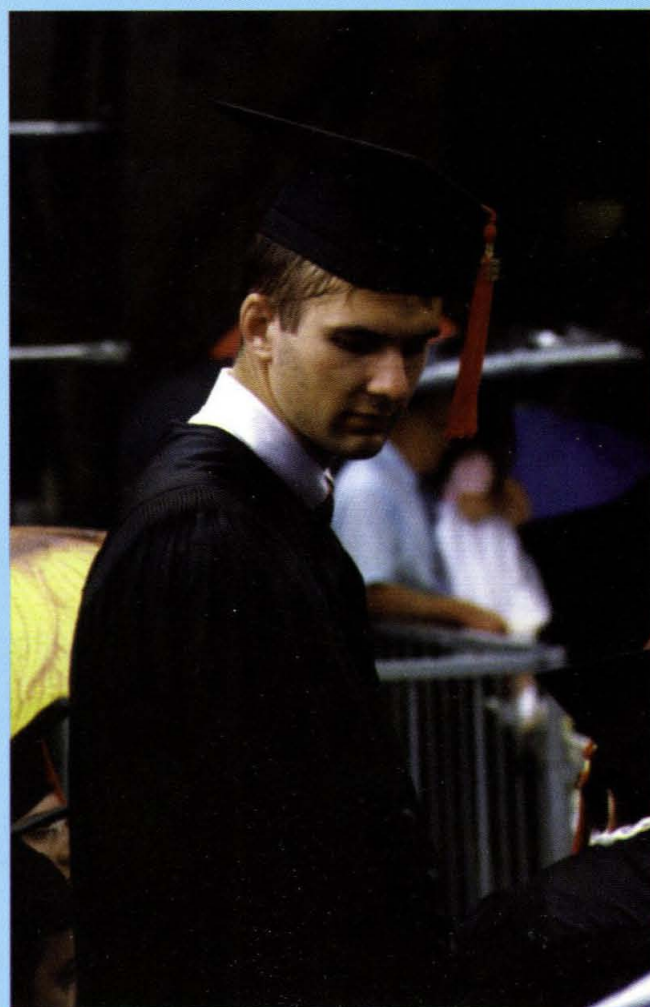
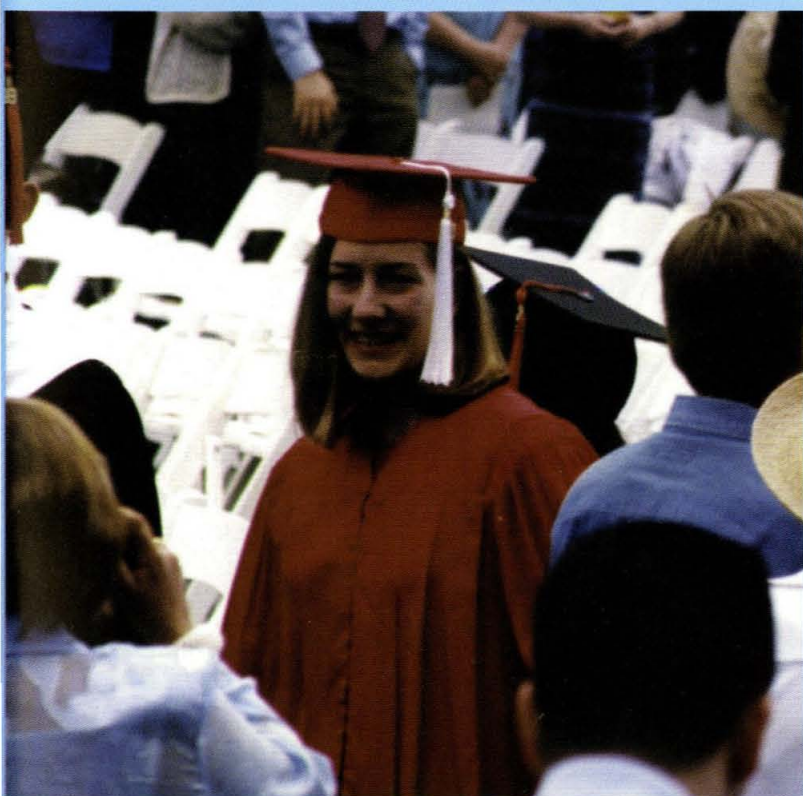
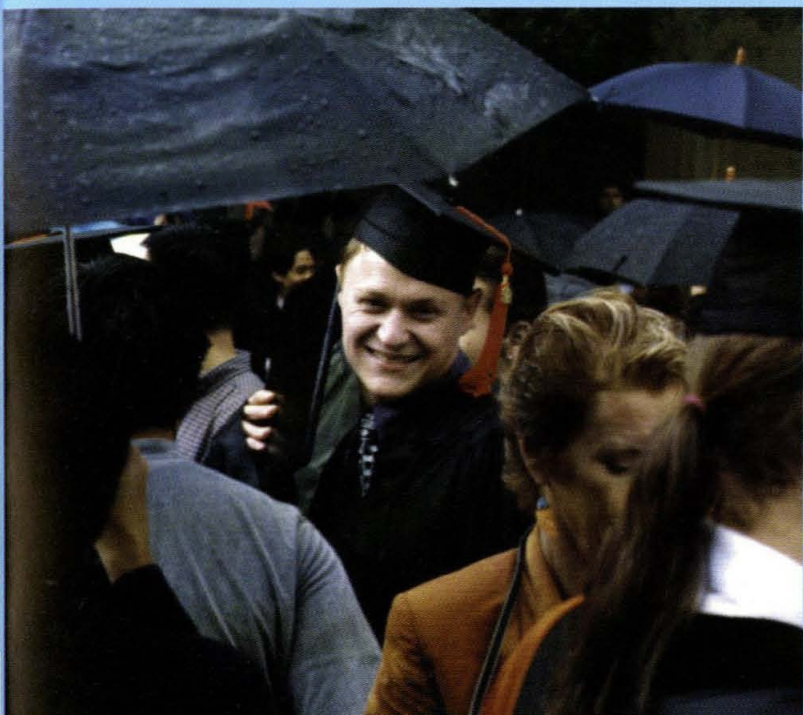


Above: Rain fell as the undergraduates finished receiving their degrees.

Left: Terry Moran smiles knowing that his hard work finally paid off.

Below Left: Diana King continued Fleming tradition and dressed in red.

Below: Ben Turk seems relieved that he has finally graduated.

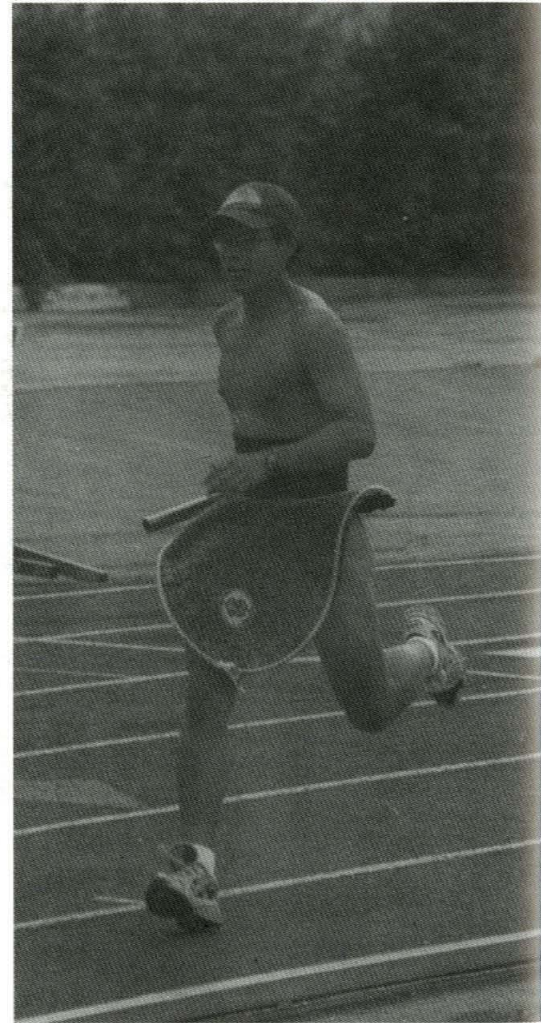




# *KELROF*



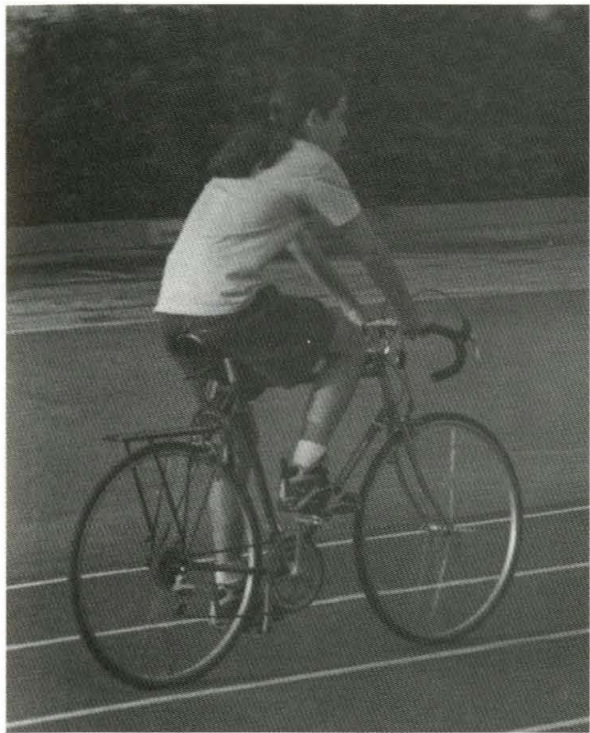
Some like to run...



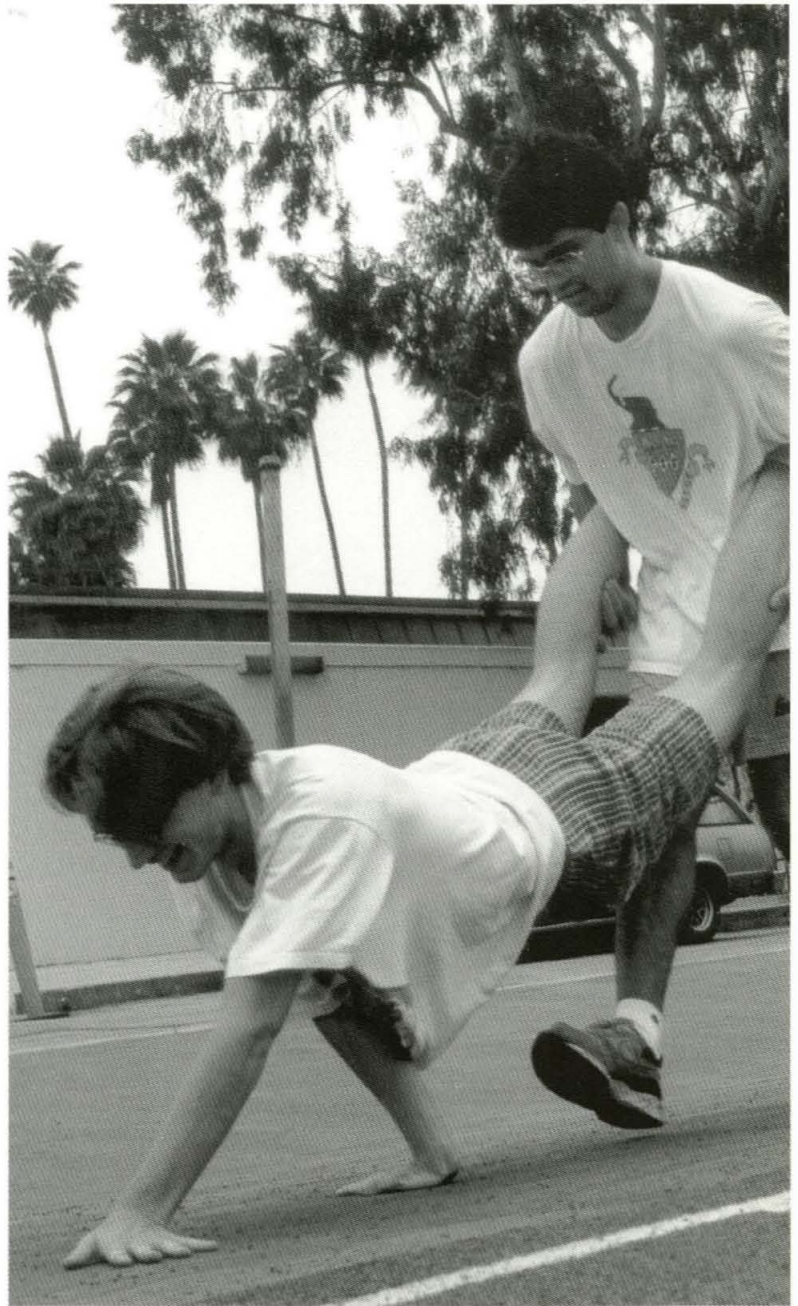
Some like to walk...



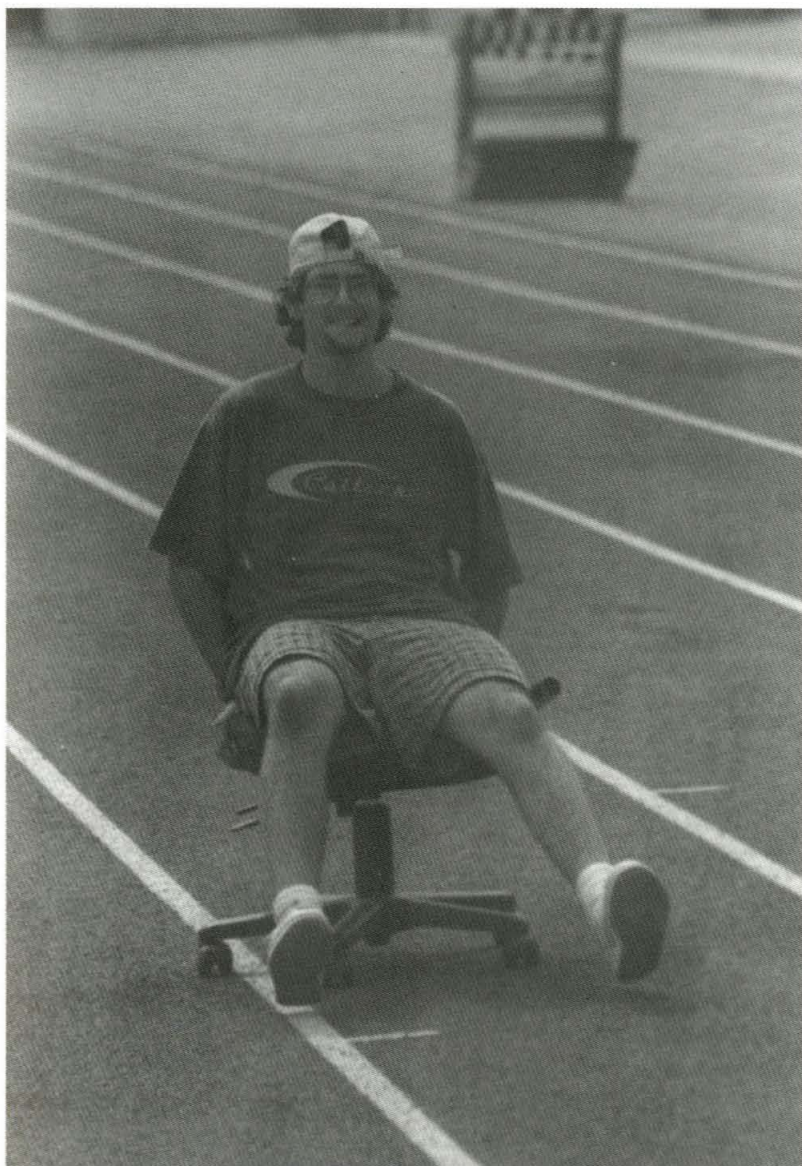




Others prefer to bike...



And others get creative!









The background of the page is a faded, grayscale photograph of a building with a prominent window, partially obscured by trees. The image is split vertically by a black band containing text.

ACADEMICS

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# The Office of the President



Dr. David Baltimore



Linda Riggall, Susi Martin, Mina Brown, Mary Webster,  
Outgoing President Dr. Thomas Everhart, Nancy O'Connor

## Vice President of Student Affairs



Christopher Brennen, Jerri Greene, Sharon Slavin Miller, Mary Ambrose, Stan Borodinsky



# Geological and Planetary Sciences



Back (l-r): Duane Muhleman, Jim Westphal, Arden Albee, Ed Stopler, Dave Stevenson, George Rossman  
Front (l-r): Yuk Yung, Ken Farley, Peter Wyllie, Tom Ahrens, Mike Gunris, Joann Stock, Bruce Murray

The Caltech Division of Geological and Planetary Sciences (GPS) encompasses the fields of geology, geochemistry, geophysics, geobiology and planetary sciences. Located in Arms, North Mudd, and South Mudd buildings on the southwestern corner of campus, on campus resources included the GPS library and Shock Wave Laboratory. Nearby is the United States Geologic Survey office.

The location gives the Seismology Laboratory plenty to study — Southern California is frequently active, with minor, unnoticeable earthquakes daily, and larger ones less frequently. Location, of course, provides an incentive to work.

Other areas of research in the department include: glaciology, shock wave research, land remote monitoring, experimental petrology, mineralogical research, the paleomagnetism lab, the Hawaii Scientific Drilling Project, Global Information Systems and Remote Sensing, geodynamics, planetary astronomy and study of the Mars Surface, aided by data from Mars Pathfinder.

The geology department has also had success with its new course, Ge1, one of the two menu courses recently introduced into the mandatory Caltech Core Curriculum. Students were introduced to basic concepts in the lecture hall and in the field.



# Physics, Math and Astronomy



**Physics:** back (l-r) Chris Martin, David Politzer, Kip Thorne, Charles Peck, Ward Whaling, Ralph Kavanaugh, Charles Barnes, Barry Simon, Steve Frautschi, Jeff Kimble, Harvey Newman, Micahel Cross, David Goodstein, Eugene Cowan, Felix Boehm, Rochus Voght. front (l-r) Barry Barish, Ronald Drever, Alan Weinstein, John Preskill, Nai-Chang Yeh, Brad Filippone, John Schwarz, Thomas Phillips, Thomas Soifer.



**Mathematics:** back (l-r) Qing Xiang, Jacek Graczyk, W. A. J. Luxembourg, Matthias Flach, Dinakar Ramakrishnan, Igor Rivin, Michael Aschbacher, Timas Felt, David Wales, Tom Wolff. front (l-r) Alexander Kechris, Gary Lorden, David Gabai, Richard Wilson, John Todd.

**Astronomy:** (l-r) Chuck Steidel, Roger Blandford, Judy Cohen, Maarten Schmidt, Tony Readhead, Wal Sargent.





# Financial Aid



David Levy, Isabel Cobos, Eva Whitsett, Cheryl Hanson, Boyfriend the Cat,  
Becky Bernudes

# Student Activities Center Coordinator



Gina Armas



# Dean's Office



Suzette Cummings, Jean-Paul Revel, Barbara Green, Sandra Estes

# Registrar



Gloria Brewster, Tess Legaspi, Linda King, Judith Goodstein, Elena Rudrev



# Housing





# Humanities and Social Sciences



**Humanities:** (l-r) Oscar Mandel, Catherine Jurca, Kevin Gilmartin, Cindy Weinstein, T. Kevin Flammig, George Pigman, Ron Bush, Phil Hoffman, Dan Kevles, Jim Woodward, Peter Fay, James Lee.

Most of the students at Caltech underestimate the Humanities and Social Sciences departments — yet they are the broadest of Caltech's divisions, ranging from American literature to sociology. The Humanities department offers classes in many foreign languages: French, German, Spanish, Japanese, Russian, Latin, and Greek. Of course, for some Techers, English literature is enough. Jenijoy La Belle's Shakespeare class is always eagerly awaited. To complete the Social Studies requirements, students choose from classes in anthropology, political science, psychology, and economics. Upper-level classes are also offered. Other popular classes offered by the division have included British Science Fiction, History of Los Angeles, and Belief, Truth and Knowledge. Caltech also offers a unique degree in Science, Ethics and Society.

**Social Sciences:** Back (l-r) Colin Camerer, Peter Ordeshook, Lance Davis, Richard McKelvey, Paolo Ghirardato, John Ledyard, Morgan Kousser, Kim Border, Jeff Dubin, Mike Alvarez, Jonathan Katz, David Grether. Front (l-r) Phil Hoffmann, Charles Plott, Mat Spitzer, Rod Kiewiet.





# Admissions



Back (l-r) Traci Gargao, Lani Huang, John Latting, Scott Jung, Charlie Aller  
Front (l-r) Charlene Liebau, Dina Figueroa  
Not Pictured: Zaragoza Guerra, Debi Tuttle, Rachel Steinberger, Caleb LaVergne,  
Megan Andrews

## Mechanical Engineering



Back (l-r) Richard Murray, Erik  
Antonsson, Chris Brennen, Tim Colonius,  
Thomas Caughey  
Front (l-r) Joel Burdick, Fred Culick,  
Melany Hunt

Back in 1943, Thomas, which currently houses the Civil and Mechanical Engineering Departments, was very small. The department was much different — there was even a comprehensive exam to be passed at the end of sophomore year to continue on in the division!

The ME department has continued to fame — the famous ME72 contest held annually at Beckman Auditorium has been televised nationally. The contest allows students the opportunity to use their engineering knowledge to design their own machines. Although the Mechanical Engineering Department was not established until 1987, it has already made significant contributions in both research and education of students.

— Dr. Allan J. Acosta



# Career Development Center



In no particular order: Sally Asmudson, Amy Seidel, Debi Tuttle, Dianne McLauchlin, Cathreen Oracion, Lois Russell, Linda Powell

## Athletics



Back (l-r) Dan Bridges, Maureen Burl, Jean Timpe, Denise Gabaldon, Karen Nelson, David Riley, Ranganath Hatti. Front (l-r): Mike Jackson, Larry Scott, Clint Dodd, John D'Auria, Wendell Jack, Gene Victor, Bob Townsend, Marc Torres.

Numerous positive changes have occurred in the Athletics Department, most notably the design, construction, and opening of the state-of-the-art Braun Athletic Center in 1992 with its new weight room, fitness concourse, racquetball and squash courts, and new gymnasium. The changes include the addition of several physical education offerings to meet the needs of the students.

— Dan Bridges and Wendell Jack



# Chemistry and Chemical Engineering



Back (l-r) Walter Schroeder, Doug Rees, Nathan Lewis, Robert Grubbs, Andy Meyers, Jack Beauchamp, Erick Carreira, Aron Kupperman, Fred Anson, Rick Flagan, John Bercaw, Vince McKoy, George Gavalas, Zhen-Gang Wang, Dennis Dougherty.  
Front (l-r) Jackie Barton, Barbara Imperiali, John Brady, Peter Dervan, Harry Gray, Sunney Chan, Mitchio Okumura.

The Chemistry Department at Caltech has a long history of excellence in education and research. Annual ponding of Professor Nate “Fozzie” Lewis in Millikan Pond by his Chem1a students on his birthday (luckily enough in the middle of the first term) has become a tradition. Although Caltech has long had a reputation for excellence in chemistry in the areas of molecular structure and chemical bonding, the focus of Chemistry has been shifting both toward materials chemistry and to links between biological sciences and chemistry. Professor Lewis has met some success in his work developing an electronic “nose:” a device which distinguishes objects by their odor. Starting off with only the Gates and Crellin Laboratories in 1953, the Chemistry department soon expanded to Church, Noyes, and Braun Laboratories. The completion of Beckman Institute in 1989 increased laboratory and office space and provided state of the art science facilities for the growing department. The prestige of the department was evident when Dr. Linus Pauling was awarded the Nobel Prize in Chemistry in 1954 and the Peace Prize in 1962, and furthered when Dr. Rudy Marcus became a Nobel Laureate in 1992.

— Dr. Nate Lewis and Dr. J. D. Roberts



# Biology



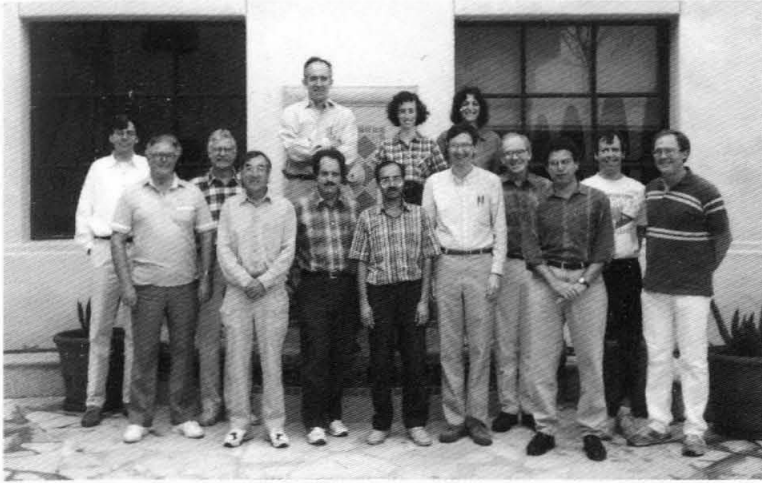
Back (l-r) Scott Fraser, Richard Anderson, James Strauss, William Dunphy, Ray Deshaies, Kai Zinn.  
3rd row (l-r) Masakazu Konishi, David Anderson, Gilles Laurent, Pamela Bjorkman, Giuseppe Attardi.  
2nd row (l-r) Mel Simon, Charles Brokaw, Erin Schuman, Judy Campbell, Christof Koch, Jean-Paul Revel.  
Front (l-r) Elliot Meyerowitz, Ed Lewis, Norman Davidson, Paul Patterson, Barbara Wold, Seymour Benzer, Paul Steinberg.

The Biology Department at Caltech has experienced rapid growth in just a few decades. Back in 1951, all of Biology was housed in Kerckhoff Laboratory and a cluster of small plant laboratories on the north side of San Pasqual. Back then, all science majors at Caltech were required to take Bi1. The importance of DNA was just beginning to be appreciated, and the function of RNA was unknown. Since then, Biology has expanded to include research conducted in not only Kerckhoff, but also Alles, the Beckman Institute, Beckman Behavioral Biology, Braun and Church laboratories. Bi1 has returned; now all students must take it to graduate. Requirements involving biochemistry, genetics, and neurobiology insure that biology majors are well prepared in their field when they graduate from Caltech. Many undergraduates have the opportunity to take Bi22, which allows them to receive research units for doing research with a professor of their choice. One of the most significant events has been the increasing emphasis on neuroscience, which now represents about half the effort of the division. In addition, Dr. Ed Lewis was awarded the Nobel Prize in 1995, contributing to the excellence of the department.

—Dr. Charles Brokaw



# Electrical Engineering



Back (l-r) Yaser Abu-Mostafa, Pietro Perona, Michelle Effros, Andrea Goldsmith.

Front (l-r) Axel Schrer, R. David Middlebrook, William Bridges, Rodney Goodman, Barry Megdal, P. P. Vaidyanathan, David Rutledge, Robert McEliece, Shuki bruck, John Doyle, Glen George

The Harry G. Steele Laboratory of Electrical Sciences was built in 1965. Upon completion of the Gordon and Betty Moore Laboratory of Engineering in 1996, most of the EE department relocated there.

Royal Wasson Sorenson (1882-1965) was the first EE professor at Caltech. He was invited to start the department in 1910, while he was working at General Electric, Co.

Sorenson did not think his family would enjoy living in California, but the idea of creating a department was very tempting. So he planned to stay only five years. He never left. He did groundbreaking works in power vacuum switches. His advice to students? "Hitch your ambitions to the ideas of good men."

— Dr. R. David Middlebrook

## Music

Back (l-r): Don Caldwell, Allen Gross, Monica Hubbard, William Bing. Front (l-r): Delores Bing, Darryl Denning.



Whether vocalist or instrumentalist, interested in classical or jazz, the music program offers the Caltech student many choices. The Music Program at Caltech consists of the Caltech-Occidental Orchestra, Concert Band, Monday and Thursday Jazz Bands, Men's and Women's Glee Clubs, Chamber Singers, the diverse chamber music groups and Guitar. The husband and wife team of William and Delores Bing direct bands and chamber music respectively. Don Caldwell directs the Men's Glee Club and the smaller Chamber Singers, while Monica Hubbard leads the Women's Glee Club in song.









GROUPS

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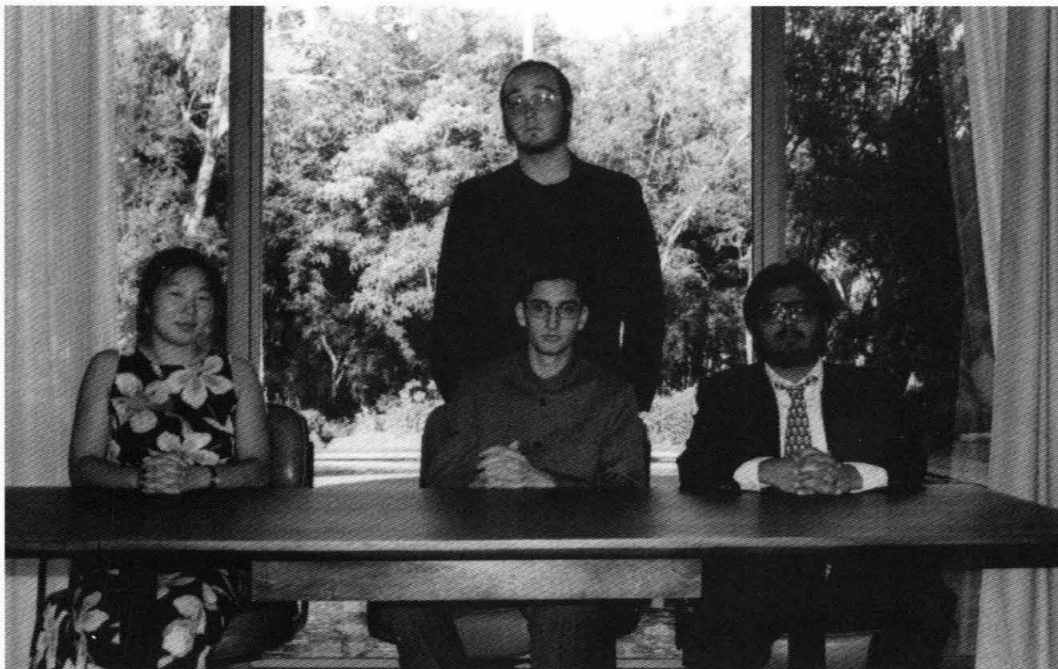


# ASCIT

## ASCIT Board of Directors



We're going to make your club an offer you can't refuse.



The BoD: Hanna Kim (Social Director), Baldeep Sadhal (President), Jaideep Singh (IHC Chair). Power behind the throne: Mike Astle (Secretary). Had other meetings to attend: Alan Rosenwinkel (VP/BoC Chair), Autumn Looijen (Upperclass Director), Steve Craver (Freshman Director), Jasmine Sekanina (just-graduated Social Director), Devi Thota (Academic Director), Rob Saliba (Treasurer).







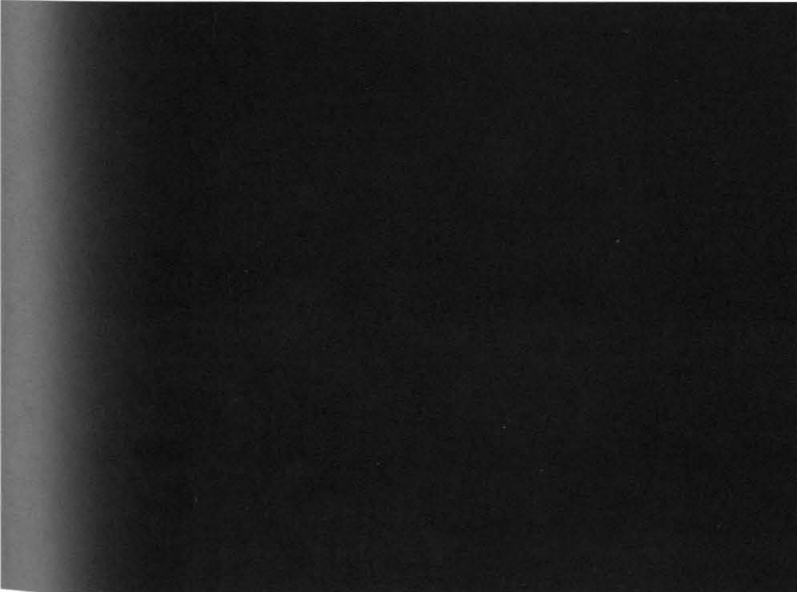
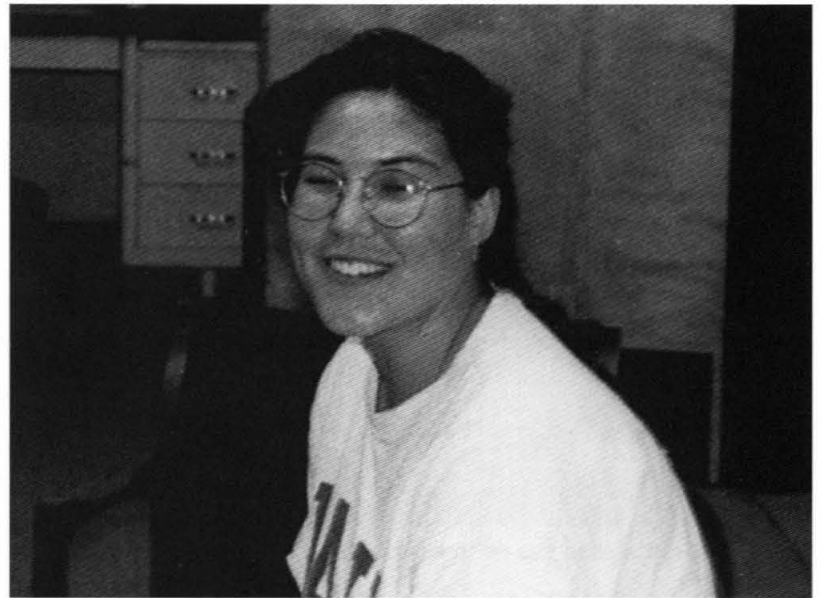
## How the System Works

Jaideep is on the IHC and BoD.  
 Alan is on the BoC and BoD.  
 Alan and Jaideep are roommates.  
 Want something taken care of?  
 You know where to turn.

(l to r): Lisa Biswal (Page), Mike Astle (Ricketts), Eric Hale (Blacker), Andy Laucius (Lloyd), Tanya Tickel (Secretary), Jaideep Singh (Chair), Miles Shuman (Dabney). Not present: Jeremiah Smith (Ruddock), Joanne Jang (Fleming).

# Interhouse Committee

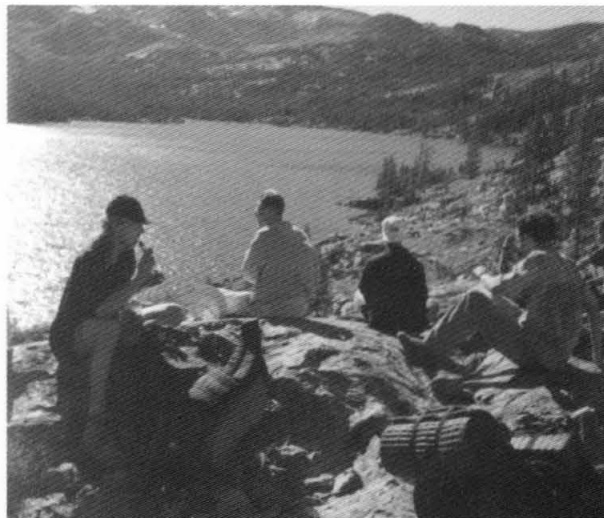
## Board of Control



Not pictured: Alan Rosenwinkel (Chair), Kevin Bradley (Secretary), Mark Barrett (Blacker), Owen Aftreth (Dabney), Kara Swedlow (Fleming), Paul Kim (Lloyd), Brian Collins (Page), Keith Peters (Ricketts), Alan Lewis (Ruddock), Selwyn Scharnhorst (At Large), Laura Brogoch (At Large).

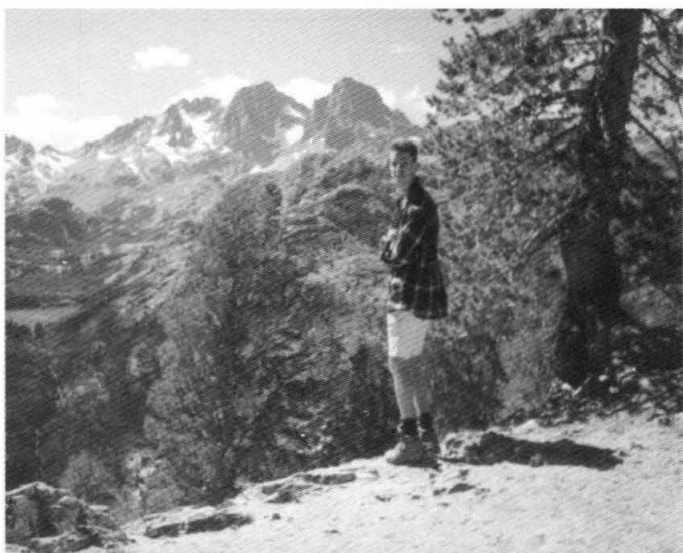


# The Caltech Y



The Caltech Y has had yet another busy year. Outdoor adventures included the annual Y Hike, a popular weeklong trip to the mountains in September, and many smaller hikes, camping trips, and mountain biking. Students also enjoyed Friday noon concerts and trips to the Getty. Decompressions gave techers a chance to get away from exams for burgers, bagels, and lots of fun. International Day, held during Pre-Frosh weekend, was extremely popular, attracting students with the lure of treats from around the world. As always, the Y has also helped to sponsor many events at Caltech, including Semana Latina, Black History Month events, poetry and play readings, and many others. Caltech students also got off campus to make a difference in the community with programs such as Project Angelfood, Christmas in April, Spokes for Hope, volunteer tutoring, and much more. Many events are already planned for next year, and all are welcome to attend Y meetings and contribute. We hope to see you at future Y events.

--Heather Dean





# Caltech Christian Fellowship (CCF)



The Caltech Christian Fellowship (CCF) is an interdenominational group composed of all those who share the salvation of the Lord Jesus Christ. 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, and that the Holy Spirit works in a role of comfort and assurance for those who trust in Him. The group is open to anyone. We encourage people to grow spiritually and share their exciting faith. Weekly Bible studies are scheduled almost every night. Our fellowship-wide large group meetings were held Monday nights in Winnett Lounge, with a variety of fascinating speakers. This year, we have also sponsored fun events for the whole campus such as a pancake feed, ice cream social, square dances, and a praise night of singing and testimonies to God's work in our lives.

— Jonathan Aldrich

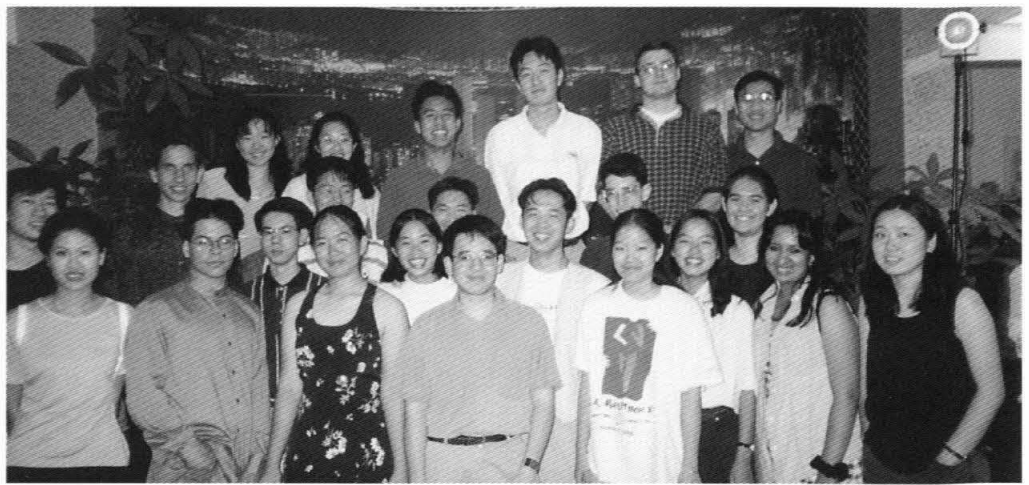




# CCSA

The Caltech Chinese Students Association (CCSA) has a membership composed of largely undergraduate students who have an interest in Chinese culture and friendship. We are open to all members of the Caltech Community and are composed of students from a diverse range of ethnic backgrounds including foreign students and Asian-American students. We host a variety of events including the popular Dim Sum trip each term, the Lunarfest formal with other colleges, the premiere of Jackie Chan movies, beach and hiking trips, Dumpling Night and THE phattest parties on campus. Check out our webpage at: <http://www.cco.caltech.edu/~ccsa>.

— Carolyn Chan

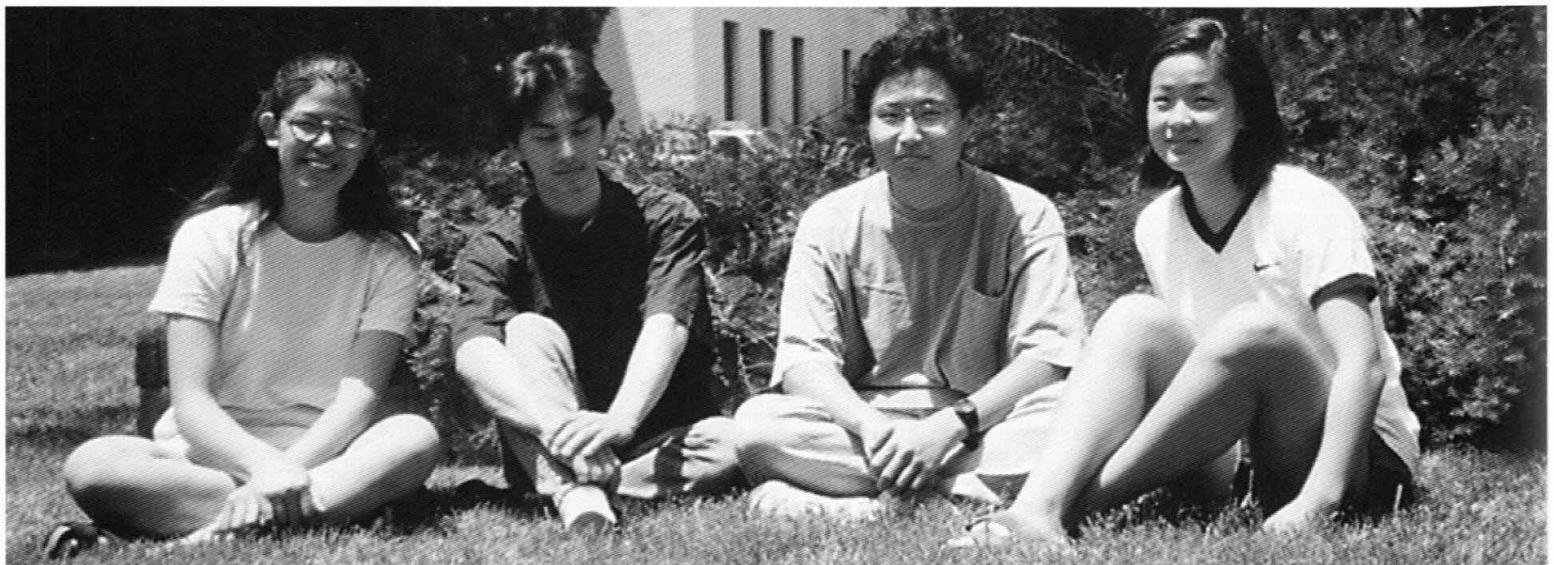


## CLASES

(Caltech Latino Association of Students in Engineering and Science)



## KSA



The Caltech Korean Students Association (KSA) seeks to advocate and educate awareness of the Korean culture in and around Caltech. This organization has reached out to the Korean community in Los Angeles, for example, to help out at an after-school program. The club also encourages participation in Korean American conferences that aim to raise awareness of cultural roots and identity and of the issues facing Korean American communities in the United States. In addition, the KSA plans social events with other colleges to present more opportunities for Caltech students to meet new people.

— Ki-Young Suh



# Caltech Floorball Club



Floorball is played mainly in Europe, where the sport is quite popular, but now also in Japan, Singapore, Malaysia and...at Caltech! At a first glance, floorball is reminiscent of hockey, since each player is equipped with a stick which he or she uses to get a ball (not a puck) into a small goal. Floorball is much less violent than hockey, though; less even than soccer or basketball when played at comparable skill levels. The sticks are very light-weight, as is the ball, which makes the game very fast-paced, and an excellent, safe alternative or compliment to step aerobics or other highly aerobic sports. If you have played soccer or hockey, you should have a slight advantage when starting out in floorball, since the tactics are similar, but even with no experience it's fairly easy to get started. Since players wear nothing more than regular gym clothes and sneakers when playing, you already have everything you need to come and try it out with the rest of us; sticks, balls and goals are provided. We in the Caltech Floorball Club hope that the coming year will be as successful as the one we just had, with lots of fun at weekly pickups and the occasional on-campus tournaments!

To all graduating seniors and graduate students, from all of us staying at Caltech, our best wishes for the future, and remember to start a floorball club wherever you go!

## ASME

The intent of the American Society of Mechanical Engineers (ASME) is to increase interest in Mechanical Engineering and provide the Caltech Community with events, including the Senior Banquet, guest speakers, and field trips to local engineering firms. This year we added another intention -- to help the local community; we volunteered at Habitat for Humanity, a non-profit organization which builds homes for the less fortunate.

— Tak Cheung





# Anime Society

The mission of the Caltech Anime Society is to promote Japanese animation (anime) through open forum, regularly scheduled viewings, and a gathering of area anime fans. Activities included showings of over eight hours of anime a week during the term of a mix of translated and untranslated materials. Often times, many members would stay afterwards to discuss recent viewings and current issues in anime well after showings had ended. A substantial number of club members also traveled to the Anime Expo in 1997 and 1998, held in Los Angeles and Anaheim respectively.

This year, the Caltech Anime Society offered a wide range of titles and mediums. From the five minute music video to the fifty-two episode TV series, from the hilarious *Fairie Princess Ren* to the solemn *Angel's Egg*, from the well-known *Tenchi Muyo* OVA's to the more obscure *Sparkling Phantom*, from the eight people watching *Grave of the Fireflies* to the 30 plus people falling out of the room to watch *Fushigi Yuugi*, from the classic *Fight! Iczer-One* to the just-finished-in-December *Shoujo Kakumei Utena*, the club has succeeded in offering a variety of material.

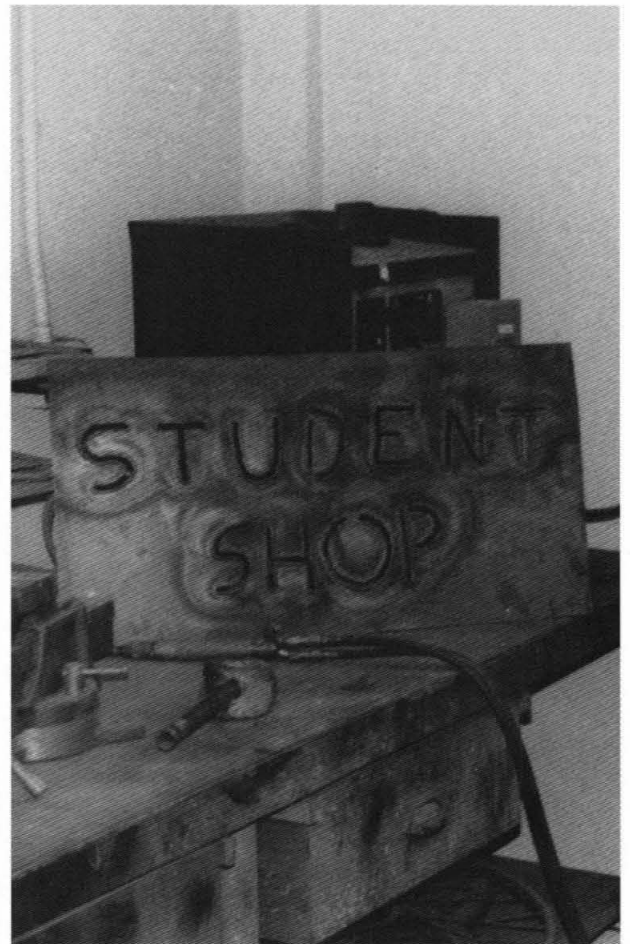
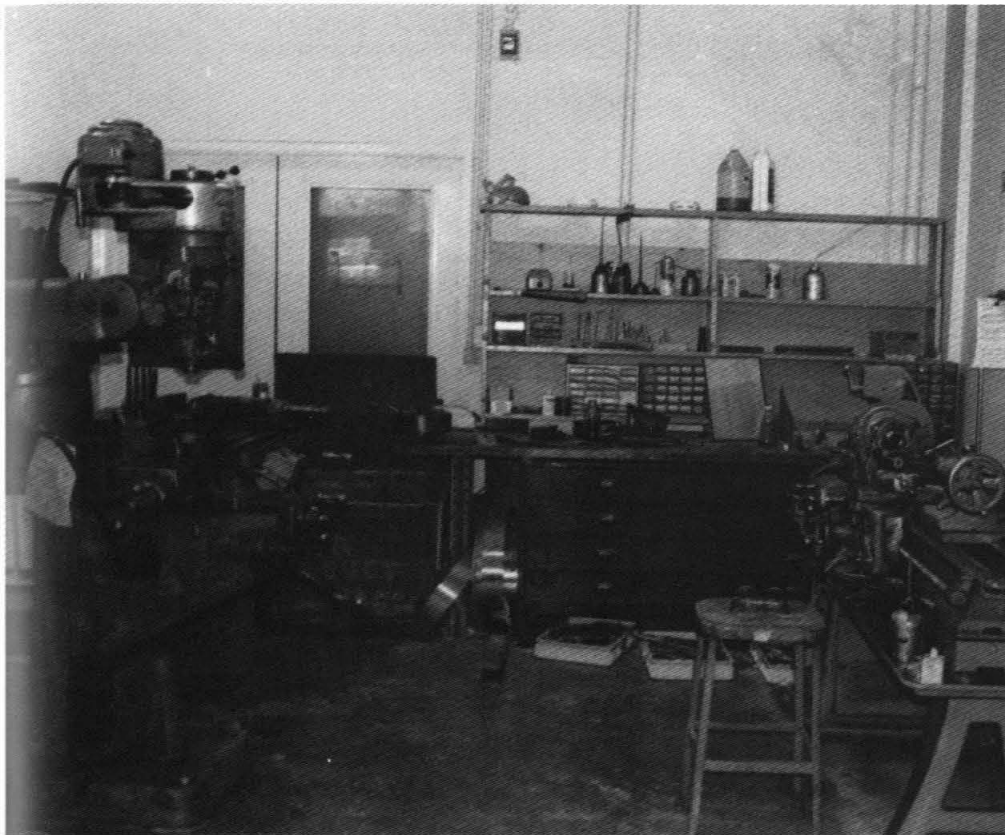
This was the last year for club librarian Mark Neidengard and club president Peter Oakley, who have done a tremendous amount for the club across the board.

The Caltech Anime Society had a quite enjoyable year and hopes too see many old and new faces next year.

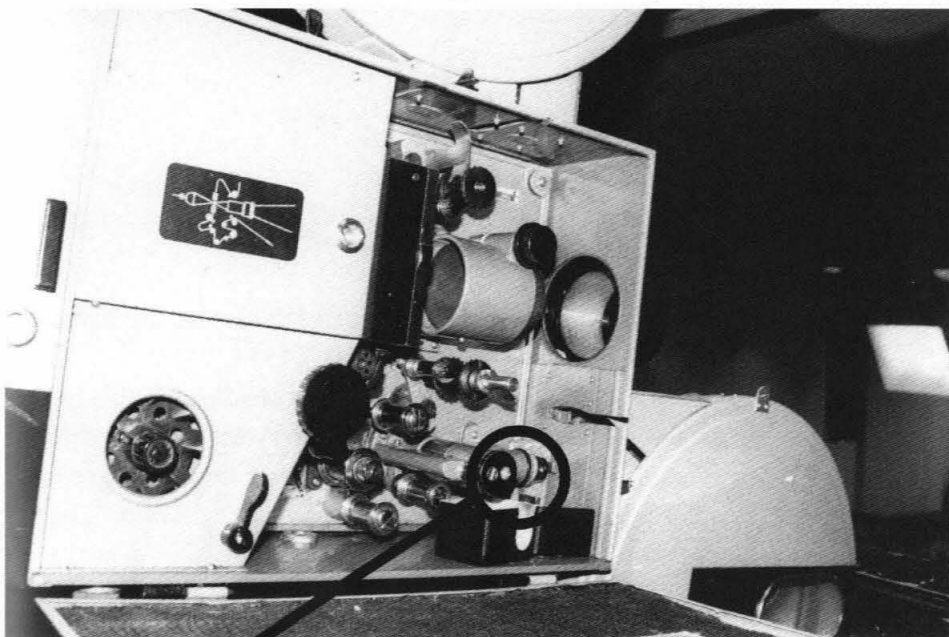




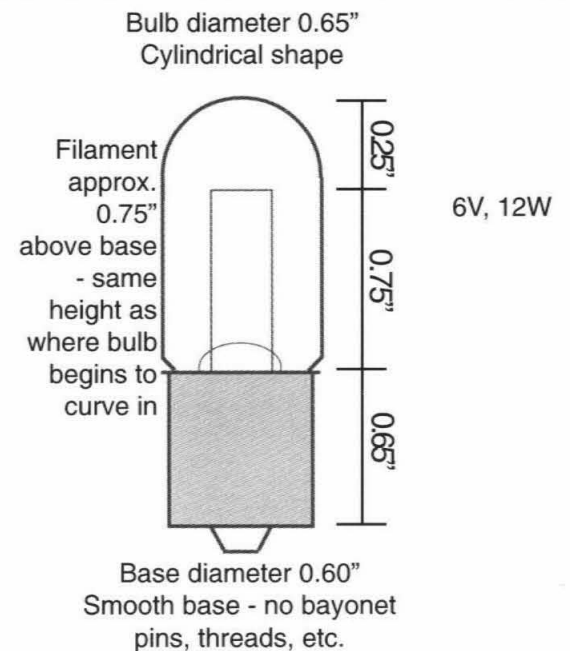
# Student Shop



Seen here: The Shop's organizational staff.



Home of the culprit.



The theme of the year with the ASCIT Movies was obscure Chinese hardware, which should give you an idea of the weirdness involved. The 35mm projectors' sound bulbs died during first term; tempting as it was to simply go to an all-silent film roster, we switched to 16mm prints for the rest of the year while looking for new parts.

Despite that, we still managed a movie almost every Friday of the year. Sound quality reached all-time lows, but at least we never got the wrong film shipped to us.

Next year, we're trying for an entire year without anything bad happening. (Don't mock us! We like our delusions!)

## ASCIT Movies



# Behold! The Student



Publishing out of the goodness of our hearts, for the benefit of all....

Yeah, right. Really it was just another year of the quality you've come to expect of student publications. No issue of the *Tech* can be considered complete without at least one spelling error on the front page, after all (triple word score if it's in a headline).

Not that we don't try. The *little t* showed up on time. The *Tech* sucked in more frosh to do its bidding. After many months of languishing in literary limbo, both the *Totem* and the *Big T* (from **last** year!) appeared, overcoming the forces of apathy and flaming editors.

The long-standing tradition of each publication "borrowing" what it needed from the others was formalized, with the entire empire being moved into a newly remodeled SAC 40 and some vague resource-sharing plans being set up. Amazingly, you *can* put six sleep-deprived editors of three different publications in the same room without internecine warfare. (Probably because they're all coming up on deadline....)

## The Big T

What can we say? As we write this, it's well away from completion.

Hope you like it.

Editor: Steven Shepherd

Back from the dead with a super-jumbo, two year, 48-page edition. Bet you never thought there were that many latent Art or English majors here, didja?

## The Totem

s e p t 1 9 9 6

the Totem

j u n e 1 9 9 8



# Publications Empire

## How To DYE YOUR HAIR



### Project One: The Bleaching

In the beginning, God made man, but being pressured for time could only provide man with four hair pigments, which through genetic recombination and racial mixing have resulted in a smear of earthy tones that start at blond and vary to an orange, brown, black, and gray/white.

Man realized the inadequacy of this system, and made Punky Color.

## The little t

Fun-lovin' Editors:

Robert Johnson  
Lilach Somberg  
Terry Moran  
Ryan Cox

Business Manager:

Abraham Kuo

Associate Editors:

Shay Chinn  
Rory Sayres  
Kayla Smith

A multitude of things you needed to know and probably more than a few you didn't (but are a better person for knowing: you never know when you could foil an international terrorist plot by knowing how to properly dye your hair). Makes an excellent implement for thwacking people who never help choose a restaurant to go to.

**Editors:** Erik Dill  
Katy Isaacs  
Shannon Stewman  
Terry Moran  
Shay Chinn



**Business Managers:**

some subset of  
Mic Westcoat  
Jim Glore  
Ryan Clancey

# THE CALIFORNIA TECH

VOLUME XCIX, NUMBER 0

PASADENA, CALIFORNIA

ACADEMIC YEAR 1997-1998

THE REVOLUTIONARY  
PAPER OF THE GLORIOUS  
DEMOCRATIC PEOPLE'S  
REPUBLIC

### The Editors' Manifesto!

selected bits 'n pieces

"So, now that you're in office, what do I get besides fire and brimstone and ponderous fury, which sounds strangely like Ch3a at 8 a.m.?" you ask. Well, all bribes will be paid in full. Beyond that, we promise to bring you a quality Product of the Revolution every week. When our GPA's are feeling a bit egotistical and try to crawl out of the Publications Office Gravity Well, we will bring you an

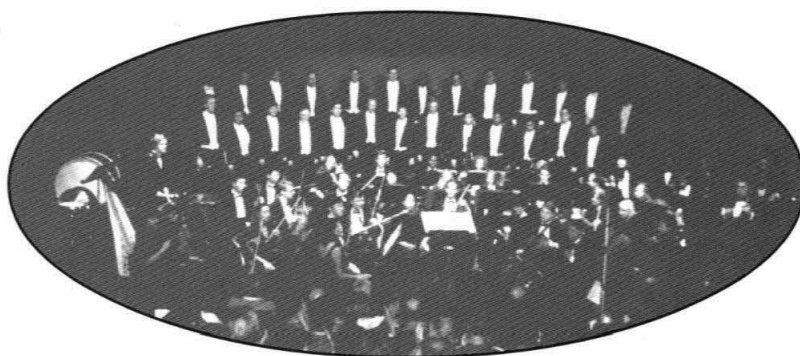
extra-extra special People's Paper featuring stuff the administration will try to expel us for.

What is this tripe doing in the newspaper, you ask? We are the new editors, we will feed you this tripe, and you will complain incessantly about it until we see fit to give you more. Some traditions are worth keeping, Revolution or not.





# Men's Glee Club



Dr. Donald Caldwell, Conductor.  
Wendy Caldwell, William Schmidt, Accompanists.

**Tenors:** Dimitri Antsos, Bruce Char, Michael Hard, Harold Kirkham, Dule Misevic, Louis Thomas, Travis Waddington, Scott Van Essen.

**Basses:** Mark Barton, Tony Chang, Xavier Fan, Michael Gibson, Tran Geing, Eitan Grinspun, Andy Groves, Freddy Hansen, Anthony Ho, Sanjoy Mahajan, Jeremy Mans, Ryan Merle, Christopher Miller, Kudah Mushambi, Joseph Schaeffer, Nathan Stein, Erik Streed, Hanhui Yuan.

## Chamber Singers



Dr. Donald Caldwell, Director.

An ensemble of 16 voices open only to students, the Chamber Singers present Renaissance entertainments in December on campus and throughout the local area, participate with orchestra in the annual All-Mozart concert every spring, and present an evening of musical theater in June. The ensemble has performed almost all of Mozart's choral literature, with other repertoire ranging from Handel's Messiah to "Rent."

Back: Michael Vanier, Scott Van Essen, Dule Misevic, Xavier Fan, Travis Waddington, Chris Miller.  
Middle: Jason Chua, Cheryl Forest, Theresa Lynn, Lael Erskine, Myfanwy Callahan, Tony Chang.  
Front: Tanya Tickel, Anita Gould, Wendy Caldwell, Laura Wayslenki.  
Not pictured: Kathryn Oseen-Senda.



# Women's Glee Club



Below: The Clef Hangers sing for the SURF Kickoff dinner.



The Women's Glee Club kept busy this year, singing Handel's Messiah and Porpora's Magnificat, putting on our first ever "Red, Hot and Blue" concert, and closing off the year with choral selections from the Rig Veda. We even had the unique opportunity of performing "Gaudeamus Igitur" with the Men's Glee Club at President Baltimore's inauguration. In those rare moments when we weren't singing, we ate lots of chocolate, laughed and enjoyed the company of other women.

Below: Samantha Howarth, Melinda Turner, Lisa O'Rourke and Julie Norris eating lunch at Rep Camp.



## Members of the Women's Glee Club, 1997-8

First Soprano: Torrie Kirkham, Sharon Laubach, Sarah Ngola\*, Lisa Van Hooser, Laura Wasylenki, Sindy Wei, Edit Halasz, Ellie Park,\* Devi Thota, Pat Udomprasert, Catherine Lin.

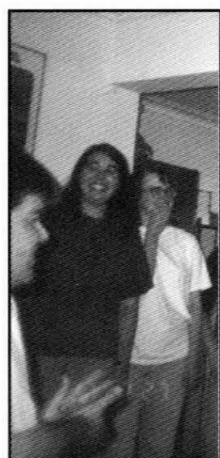
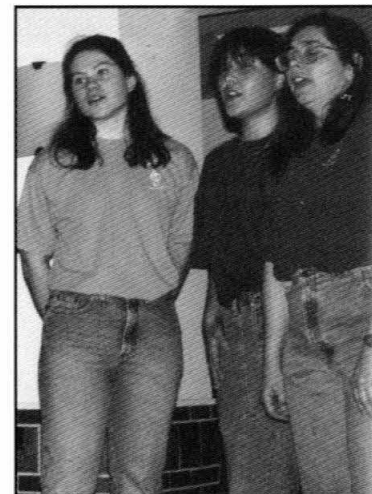
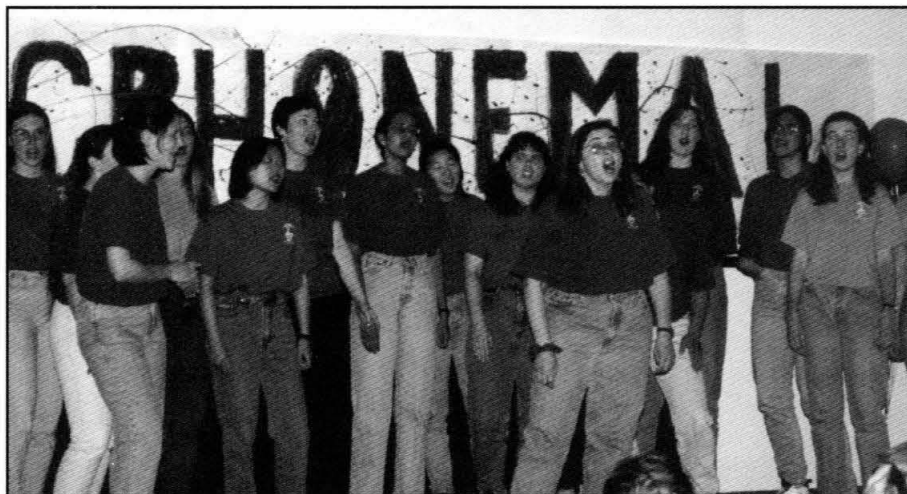
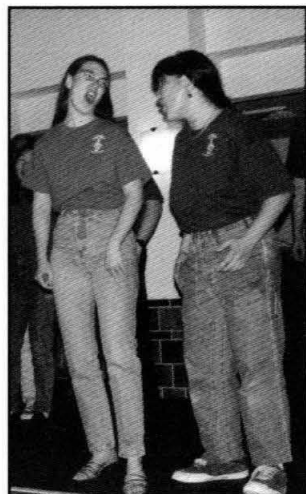
Second Soprano: Magali Billen, Carolyn Gray, Samantha Howarth, Jenny Ives, Karen Johnson, Jing Liu, Connie Rodriguez, Liz Verschell, Patricia Willis, Yen Bui, Clara Chan, Ivana Nikolic, Niniane Wang, Sarah White\*, Aimee Pierce.

First Alto: Samantha Gizarian, Meredith Howard, Liz Kelley\*, Katie Noyes\*, Lisa O'Rourke, Kathryn Todd, Yvette Winn, Ming Chen, Laura Gossett, Melinda Turner\*, Megan Andrews.

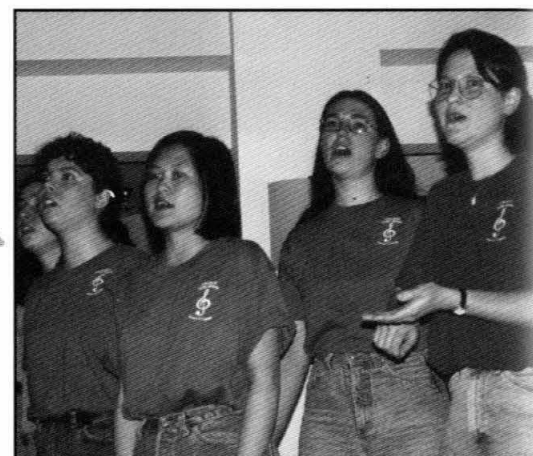
Second Alto: Beth Neroda\*, Julie Norris, Celeste Yang, Susanne Kluh, Valerie Scruggs, Katie Stofer.

\* = member of Clef Hangers.





"What I need is quite specific, terrifying rough stuff and terrific, I need an absolutely one-to-one a seven day kiss!" — June Jordan, *Alla That's Alright, But*



Treblemakers is: Laura Wasylenki, Carolyn Gray, Clara Chan, Hanna Kim, Katie Noyes, Kristin Commer, Lara Hughes, Lisa Gaskell, Magali Billen, Pat Wrean, Rachel Wing, Sarah Ngola, Tanya Tickel, Theresa Lynn, Celeste Yang, Rachel Steinberger, Megan Andrews, Lila Guterman, Sharon Laubach and Miriam G.





# ECPHONEMA

Ecphonema (ek-FAWN-em-uh) n. A crying out with voice; a vocal outburst of emotion.



Ecphonema is a men's a cappella octet founded in 1997 to help bring a cappella music to the Caltech community and surrounding areas. We maintain a large and varied repertoire, and perform all around the Los Angeles Valley.



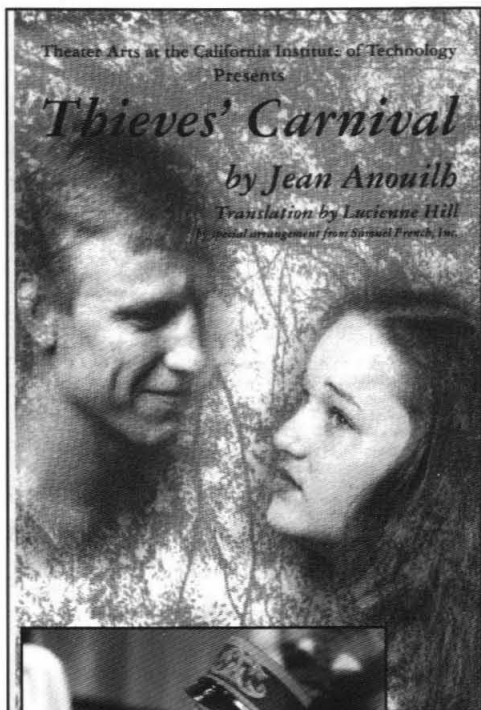
Ecphonema is: Chris Miller, Dule Misevic, Evan Dorn, Joe Cook, Louis Thomas, Mark Barton, Scott Van Essen, and Tony Chang.



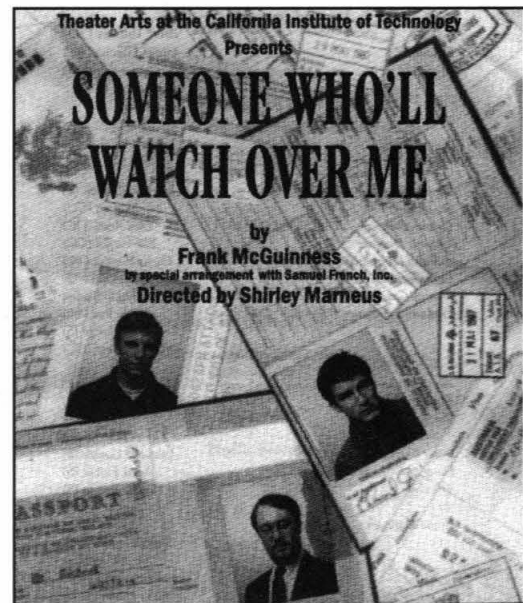
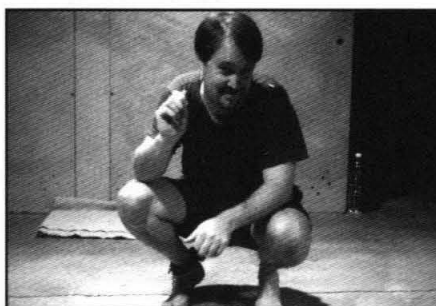
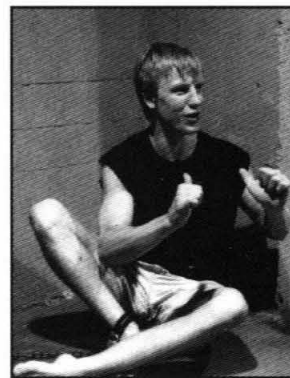
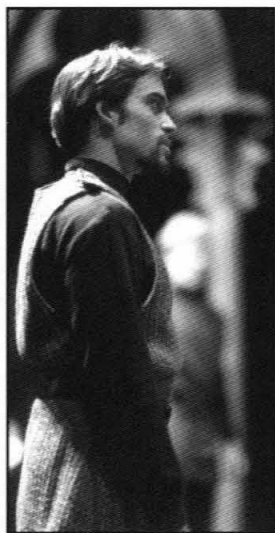
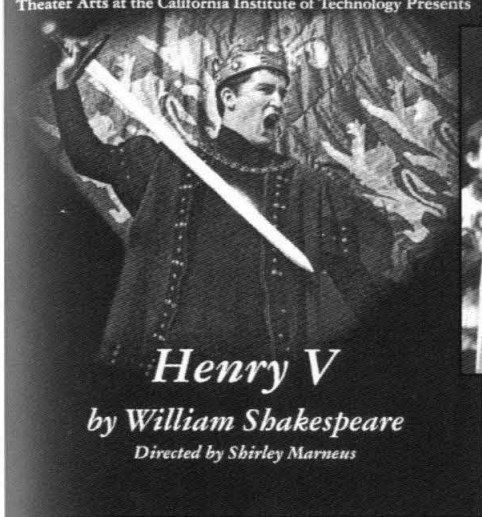
Ecphonema's debut performance, at Fall Decompression '97 was received quite well in the community. Over the academic year, Ecphonema has held several other performances on and off campus, helping to establish contemporary a cappella as a permanent fixture of the Caltech community. One joint contribution of Ecphonema and Treble Makers, the Love Sucks concert, was a memorable affair involving a total of six groups from the Southern California region. Later in the year, we presented ONE LOUD NOISE! Ecphonema's first "Sing All We Know" concert. In under an hour, we presented every song we knew. Plus one or two we didn't. Finally, we sang Bill Nye, Science Guy's theme song at Commencement: "We loved it, Bill Nye loved it, and the non-stodgy members of the audience loved it. Possibly the biggest gig of our lives! Wow. Just Wow. I couldn't see past my microphone."













# Caltech - Occidental Concert Band



**Flute:** Mary Davis (Community), Heather Jennings (Community), Joanne Lazzaro (Staff)\*, Christina Molodowitch (Sr., Chemistry), Susan Ruffins (Staff). **Oboe:** Don Bryant (Community), Rachel Romond (Oxy, So., Physics). **Clarinet:** Mark Barton (Post Doc, LIGO), Patti Brugman (Oxy Alumna), Ken Calkins (Community), Marilyn Darcey (Community), Micah Dedmon (Jr., APh.), Steve Ginzberg (Sr., CS), Sean Wakayama (Alumnus)\*, Michael Werner (JPL). **E Flat Clarinet:** Connie Josias (Community). **Alto Clarinet:** Trudi Wreede (Community). **Bass Clarinet:** Stan Manatt (Alumnus). **Contrabass Clarinet:** Don Gross (Community). **Bassoon:** Colleen Connor Papp (Community). **Alto Saxophone:** Daniel Murphey (Fr., Aero.)\*, Ray Richards (Alumnus). **Tenor Saxophone:** Les Deutsch (Alumnus). **Baritone Saxophone:** Dwight Garcia (Community). **Horn:** Carolyn Chan (Jr., Biology), Otfried Liepack (JPL), Susan Luker (Community)\*, Rachel Steinberger (Fr., Biology)\*. **Cornet and Trumpet:** Carl Anhalt (Jr., ME), John Brugman (Community)\*, Tom Kirkland (GS, CS), Duane Marsteller (Community), Seth Miller (Fr., Math), Kudah Mushambi (So., E&AS), Chris Robbins (JPL), Richard Till (Community). **Trombone:** Dave Edwards (Oxy, Fr.), Sarah Milkovich (So., Pl. Sc.)\*. **Bass Trombone:** Kevin Babcock (Fr., CS). **Baritone:** Jay Breidenthal (JPL), Jason Chua (Fr., BioChem). **Tuba:** Brad Dooley (GS, Aero)\*, Aaron Eichelberger (GS, Physics), Von Wade (Community). **Percussion:** Jacques Frechet (Jr., CS), Nick Stoup (Community), Ashwin Vasavada (GS, Pl. Sc.), Jeff Weiss (JPL). **Manager:** Carl Anhalt. **Assistant Manager:** Jason Chua.

\*principal player

1997-1998 was a good year for the Caltech Bands. The Caltech-Occidental Concert Band performed for over 700 people at their first concert in November. Rob Manning, a band alum, donated some very cool 3-D pictures from the Pathfinder Mission, and we showed those while we played music from Holst's "Mars." Then in May, graduate student and now Caltech alum, Ash Vasavada conducted Holst's "Jupiter" while we showed pictures of the planet which Ash helped to image from the Galileo spacecraft. Our annual trip to Thorne Hall was a success with our guest conductor Jo Stoup, the orchestra conductor at Pasadena City College.

In January, the Caltech Jazz Bands presented their first concert with pianist Billy Childs as guest soloist. This was a wonderful event with over 600 people in attendance. The Caltech Swing Band was also busy at the end of the year with appearances at the President's House and Ruddock House.

The 16-piece Brass and Percussion Ensemble performed at Caltech's Commencement and the Presidential Inaguration of Dr. Baltimore.



# Caltech Swing Band

**Alto Saxophone:** Robin Friedman (Fr., Chemistry), Daniel Murphy (Fr., Ay). **Tenor Saxophone:** Lou Madsen (GS, Chemistry), Ishnaferitsu (So., Physics). **Baritone Saxophone:** Faye McNeil (Jr., ChemE). **Trumpets:** Jason Barnes (Sr., Ay), Mark Barrett (Fr., Pl.Sc.), Andy Griffin (Fr., und.), David Hackenson (Jr., ME). **Trombones:** Kjerstin Easton (So., EE), Aaron Eichelberger (GS, Physics), Aspen Richter (Fr., Geology), Rory Sayres (So., Biology). **Piano:** Cheryl Forest (Fr., Biology). **Bass:** Dave Hammond (Jr., Math). **Drums:** Jason Chua (Fr., BioChem). **Guitar:** David Antonio (Fr., ChemE). **Vocalist:** Kjerstin Easton (So., EE).



# Thursday Jazz Band

**Alto Saxophone:** Jean-Paul Davis (GS, Aero.), Tom Fleming (Alumnus). **Tenor Saxophone:** Pete Yakowec (GS, Biology), Lou Madsen (GS, Chemistry). **Baritone Saxophone:** John Chodera (Jr., Biology). **Trumpets:** John Brugman (Community), Les Deutsch (Alumnus), Richard Till (Community), Tim Doyle (Alumnus). **Trombones:** Mike Ichiriu (Alumnus), Jason Chua (Fr., BioChem), David Edwards (Oxy, Fr.). **Bass Trombones:** Kevin Babcock (Fr., CS). **Piano:** Rob Peters (GS, CNS). **Bass:** Masa Emori (Community). **Drums and Percussion:** Marc Kuchner (GS, Ay), Michael Shumway (Sr., APh)







Above: (l-r) Lilach Somberg, Dan Giammar, Sindy Wei.



Above: (l-r) Oliver Dial, Anne Kelly, Jason Maron, Travis Maron.



Above: (l-r) Alex Dunn, Athanasios Nenes, Todd Murphey, Delores Bing.



Above: (l-r) Ah-San Wong, Peggy Gabriel, Adrienne Bourque.

Below: (l-r) Fabrizio D'Auria, Allan Acosta, Martha Gallivan, Ben Turk, Clancy Rowley, Jeff Eldredge, Trish Wanievski.



Above: (l-r) Aaron Oei, Niniane Wang, Antonio Hernandez.



Above: (l-r) Patrick Shopbell, Gabriel Brandt, Samuel Lee, Carolyn Chan.



Above: (l-r) Jay Hubisz, Iljie Kim, Kathryn Todd.



Above: (l-r) Arjun Mendiratta, Candace Chang, Tom Lloyd, Heide Li.

Below: (l-r) Ryan Merle, Jason Cardema, Christian Reichardt.



Above: (l-r) Wren Montgomery, Megan Andrews, Amy Peterson.



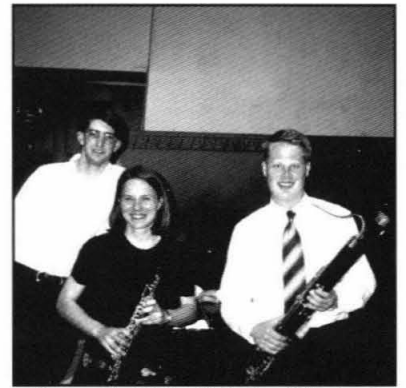
Above: (l-r) Lisa O'Rourke, Janice Yeung, John Chodera.



# Caltech Chamber Music



At right: (l-r) Myfanwy Callahan, David Baltimore, Anita Gould, Rowena Lohman, Dan Giammar.



Above: (l-r) Wes Salzillo, Elizabeth Boer, Derek Debe.



Above: (l-r) Christian Thomas, Christina Molodowitch, Aimee Pierce.



Above: (l-r) Maria Satterwhite, Jean Wang, Dan Levy, George Shapovalov.



Above: (l-r) Rachel Steinberger, Sarah Milkovich, Aaron Eichelberger, David Hackenson, Bill Bing.

Below: (l-r) Helen Blackwell, Jennifer Yang, Lance Christensen.



Above: (l-r) David Fang, Sean Huang, Angie Han, Kacie Shelton, Andrew Ling.



Above: (l-r) Cheryl Forest, Michelle Miller, Regina Cheung.



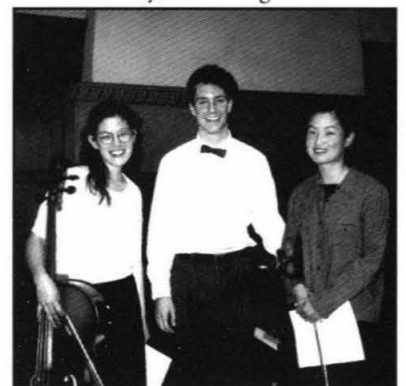
Below: (l-r) Kay Jhun, Clancy Rowley, Ki-Young Suh.



Above: (l-r) Jessica Wu, Alexander Grunewald, Adam Lawton.



Above: (l-r) Sarah Wantoch, Hanna Kim, Kristin Commer, Nhien Nguyen.





# Caltech Amateur Radio Club



The Caltech Amateur Radio Club (CITARC) licensed as W6UE has been around since 1918. 1997 saw the completion of CITARC's WARC tower on Thomas. CITARC maintains a state of the art ham radio station in Winnett Student Center and welcomes members from the broad Caltech Community and JPL. The Station Trustee is Professor Bill Bridges, W6FA; the President is Paul Gordon, N6LL; and the Secretary-Treasurer is David Ritchie, N7UE.

— David Ritchie



## Students for the Exploration and Development of Space



## Caltech Electric Vehicle Club



# Entrepreneur Club



Once again, the Entrepreneur Club has provided its members with a program of interesting events and has helped promote a spirit of entrepreneurship throughout the Caltech campus. The E-Club brought several notable entrepreneurs to speak this year. The list includes Bill Gross, who started ventures such as Knowledge Adventure and idealab!, Sky Dayton, founder of Earthlink Network, Phil Neches, entrepreneur and trustee, Thomas Tish of e\*trade, and Will Webster, manufacturer of

innovative, life-saving medical products. Other recent club activities have included panel discussions with pioneering entrepreneurs, involvement in the grand opening of Avery House, and advertising the new and highly successful engineering and entrepreneurship course, E100. Our members have enjoyed the privilege of attending entrepreneurial activities outside of the club, such as the annual Harvard Business School Entrepreneur's Conference and

Caltech/MIT Enterprise Forums, often free of charge. We hope to continue to promote entrepreneurship at Caltech and put on an even more impressive program of events next year. We encourage everyone to get involved with the club and participate in our activities. The Entrepreneur Club would like to thank the many offices and groups on campus that continue to give us advice and their generous support. Our success would not be possible without your help.

— Michael Michrowski

## Tau Beta Pi











ATHLETICS

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ATHLETICS



# Soccer



Left to Right. Back Row: Coach Julie Tingle, Erik Dill, Stephen Bird, Paul Novak, Boris Axelrod, Mat Barnet, Eugene Zarakmovsky, Kanwar Kahlon, Coach Phil Howells; Middle Row: Christoph Baranec, Christian Reichardt, Matt Reese, Kejian Wu, Chris Kurtz, Nathan Heick; Front Row: Nathan Flowers-Jacobs, Peanut McCoy, Peter Nguyen, Frankie Dias Lourenco, Dazhi Chen, Sean Pintchovski, Jorge Palamara

## Awards

1997 Player of the Year: Mat Barnet

Offensive MVP: Dale Parkes

Defensive MVP: Kejian Wu and Brian Frazier

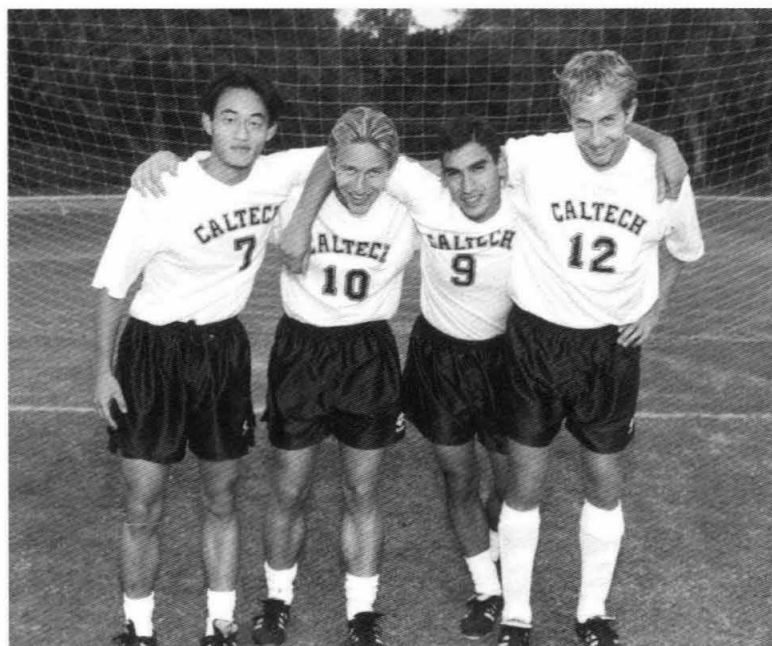
Rookie of the Year: Sean Pintchovski and Nathan Flowers-Jacobs

Most Improved: Paul Novak

2nd Team All Conference: Dale Parkes

Team Record: 3-15-1

From the left, the four team captains, Kejian Wu, Dale Parkes, Francisco Dias Lourenco (Frankie), and Mat Barnet crowd together.



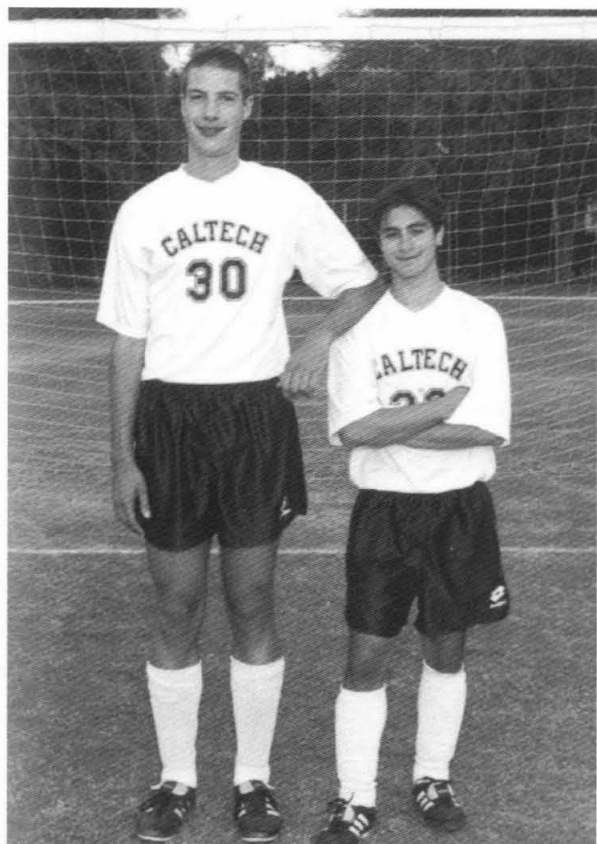


# The 97-98 Schedule

1	LACC	9
1	Oxnard	6
0	CalLu	6
2	Hancock	6
3	Alumni	5
1	LaSierra	1
9	<b>CalMaritime</b>	1
2	Oxnard	5
2	CalLu	8
0	LaVerne	3
0	Pomona	8
1	CMS	8
0	Occidental	7
0	Redlands	3
0	Whittier	7
SCIAC Tournament		
1	Redlands	6
1	LaVerne	4
1	Whittier	2



Above: Nathan Flowers-Jacobs outdashes an opponent for control of the ball. Below: Ryan Merle gets ready to deal one powerful kick. Bottom Left: Ryan Merle (left) and Sean Pintchovski show-off the team's height diversity.





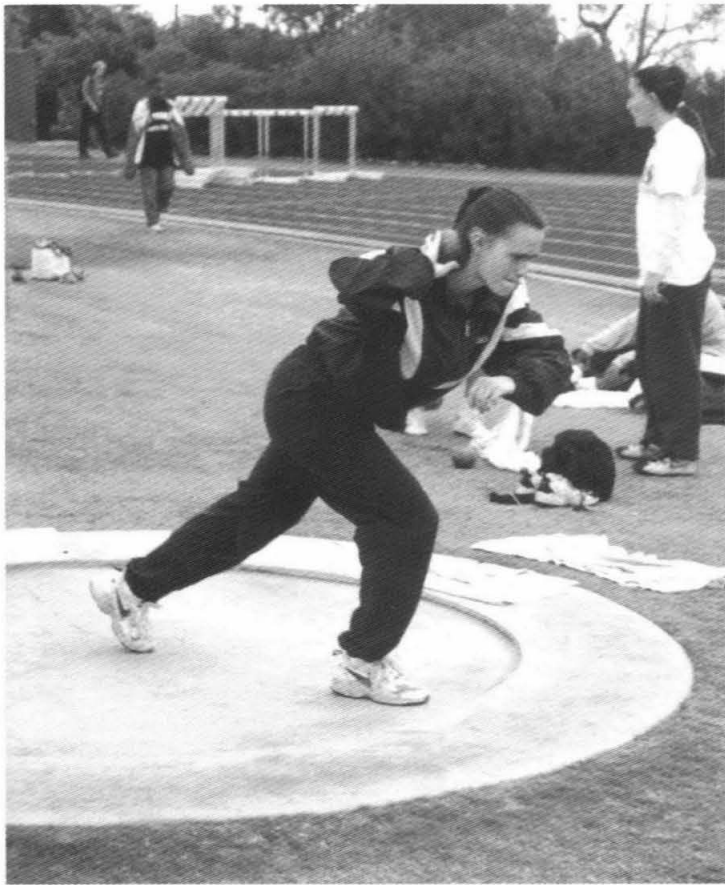


# Track



Aaron Kuzin prepares to launch a javelin.





Amy Duello (above) and Aaron Kuzin (below) both endeavor to throw a shotput the furthest distance.



# and Field



Amy Duello speeds up to throw a javelin.

Dan Kleiman edges out an opponent in the steeple chase.



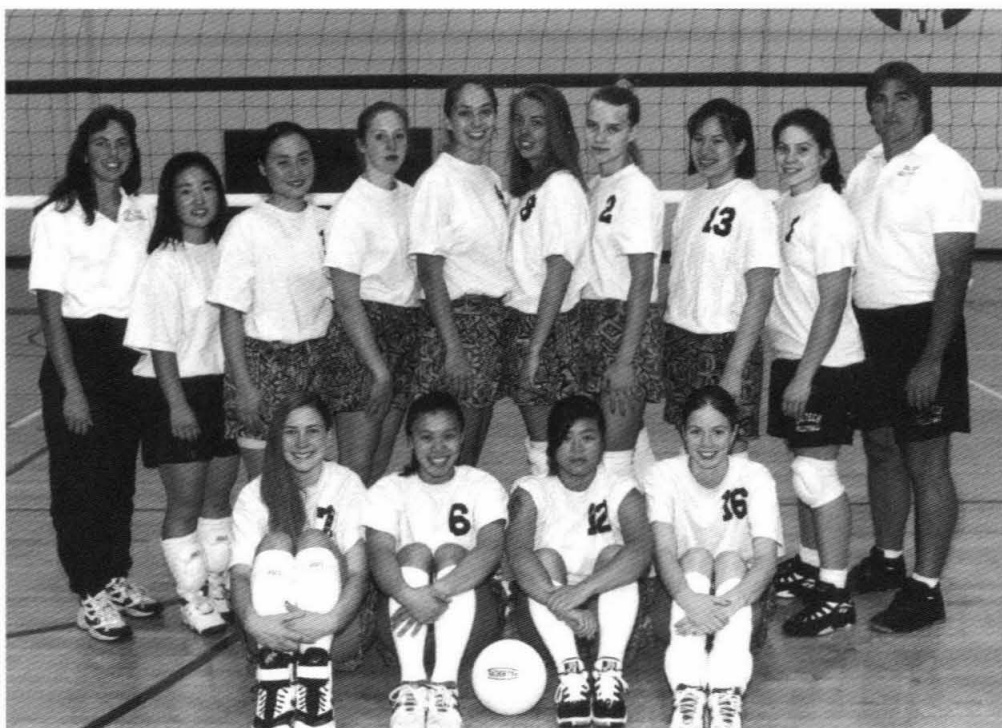


# Water Polo



# Swimming





The Varsity Squad

# Women's Volleyball



The JV Squad

The Caltech Women's Volleyball Team had their best season ever with an 11-9 winning record. The team was coached by Head Coach Maureen Burl and Assistant Coach Mike Burl. The '97 season brought 22 women out for the team, allowing Caltech to have both a varsity and junior varsity squad for the first time in Caltech volleyball history.

The JV team was captained by juniors Kara Swedlow and Jian Ye. The squad played well in three tough matches, but ended up 0-3. At the end of the season they played an exciting intersquad match which demonstrated the improvement of all the players. Natsuko Kagawa was voted Most Valuable Player by her teammates, while Ewa Matjeska was voted Most Improved.

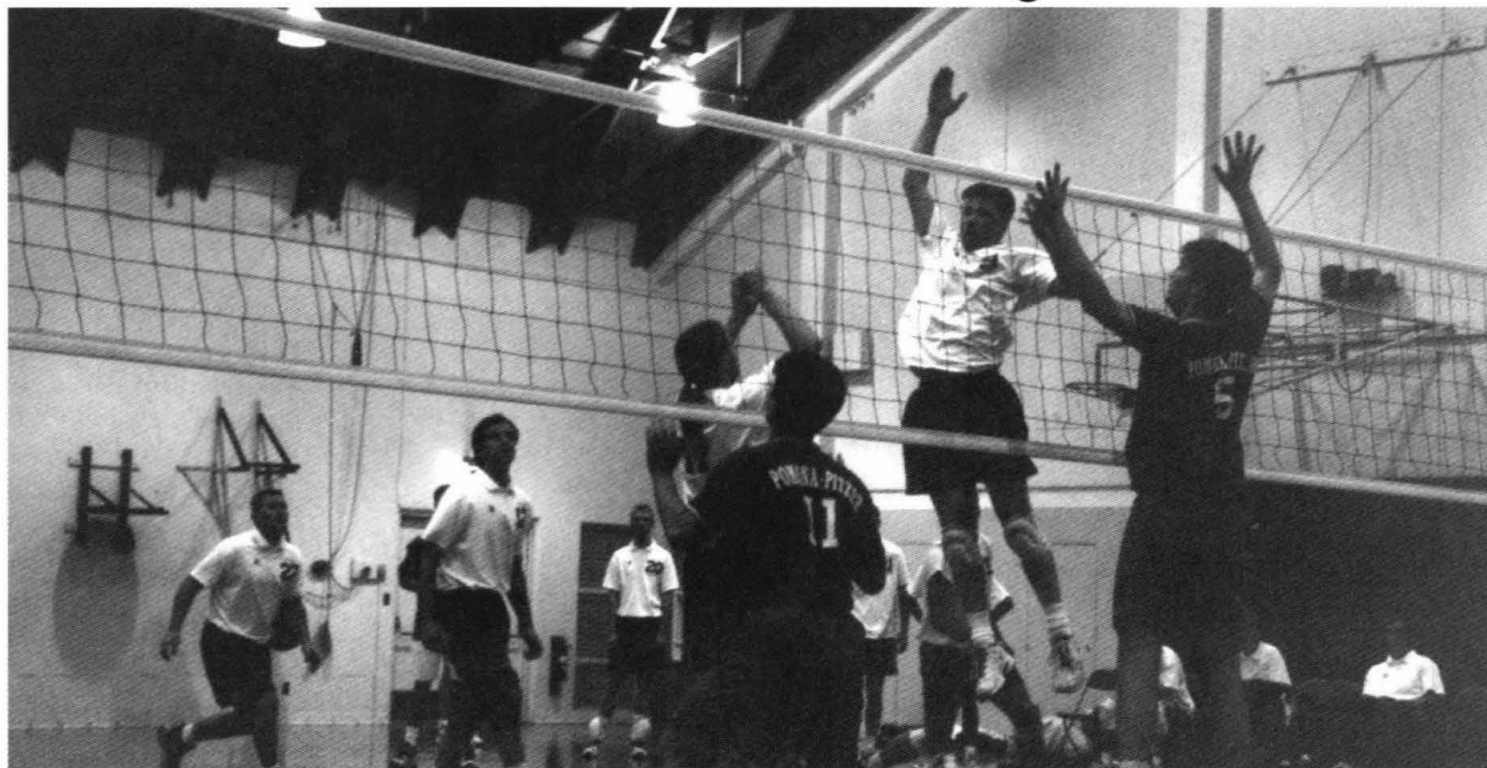
The varsity squad won 11 matches and the alumni match. They beat the rival team La Sierra twice, to whom they had lost in previous seasons. They took one game from each of the SCIAC teams, Whittier and Occidental. In the last match of the season, Caltech took on the very strong Pacific Christian team and went to five games, with Caltech losing the 5th game 14-16.

The ladies played very well all season and had the skills to play a three-person serve reception. Freshmen Dominika Rytwinska and Jennifer Fong played at the outside hitter position and were the two primary serve reception passers. Our excellent setters, Grace Yang and Erika Swanson, split time as serve reception allowed the team to have the toughest offense in Caltech's history of women's volleyball. Starting middles, Alexis Johnson and Diana King, put up a fearsome block. Strong hitting came from all the players, and our setters and middles even connected for some quick hits in the middle.

Senior Grace Yang and sophomore Erika Swanson led the team as co-captains. Grace was voted Most Valuable Player by her teammates, Diana King was voted Most Improved and Jennifer Fong was voted Most Inspirational. There were seven school records set this season, with Grace Yang setting six of them! Yang set the following records: Most Service Points in a season (224), Most Ace Serves in a season (60), Most Assists in a career (788), Most Digs in a career (488), Most Service Points in a career (565), and Most Ace Serves in a career (150). Alexis Johnson set the record for Most Blocks in a career (48). The team looks forward to another exciting season next year.



# Men's Volleyball



Above: Gary Leskowitz puts down a kill versus Pomona-Pitzer; Below text compiled from Joel Jones and Scott Van Essen.

This year's 16-2 is the best record in Caltech Men's Volleyball Club history. In addition, Caltech chalked up two second place finishes in both Pomona Pitzer and University of San Diego tournaments. The team has had a truly exciting year, with a lot of publicity and energy generated by the enthusiasm of the team itself.

Based on success early in the season, Caltech was invited to play with San Diego State and in a University of San Diego tournament, as well as invited to join their conference. Regrettably, however, that would require allowing only students to play, so the team, with an even distribution of four undergraduates, five graduate students, four alumni and four from JPL, had to turn the invitation down.

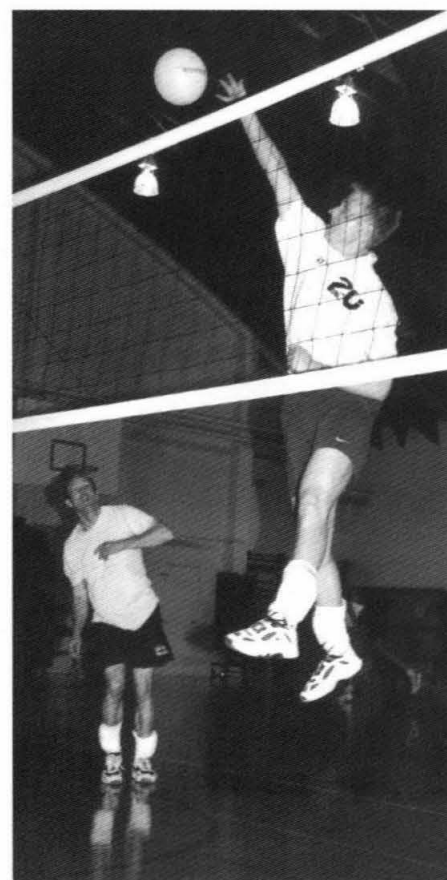
This was Susanne Masuhr's first year coaching, and the team agreed she was a total studette. This went well with the assistant coach for the year, Aaron Kiely, who the team knew was a total assistant-stud. Throughout the season, they exhibited a cool and confident coaching man-

ner from the bench. There were, however, definite recorded instances of flying clipboards and pens in response to poor refereeing calls.

This was the last year for setter/defensive specialist James Heany, who graduated and middle blocker Ken Wiberg, who is getting married. The team will miss them greatly.

This was also the final year for player Andreas Masuhr. His teammates say he might have been the best player that Caltech has ever had. Originally playing for the German Army, Andreas came to Caltech and played four seasons from 1994 through 1998 as well as coaching two years from 1995 to 1997. Said assistant coach Aaron, "Andreas is truly spectacular to watch. I've seen our opponents completely rearrange their blocking strategies to try to stop his attacks. It never works. I don't know what it takes to stop Andreas. Fortunately, neither do our opponents."

Andreas is not only an incredibly talented athlete, but a patient and skilled teacher as well. Many, if not all, of the team members would credit him with making the team what they are today.



Nicklaus Lorenzen takes it to 'em in hitting line.





The team celebrates after a point well played (versus Pomona Pitzer).

## 1998 Season

### 3rd Place Mt. San Antonio College Tournament

4	Team Lourdes	1
3	PCC	0
3	Azusa-Pacific	1
3	Whittier	0
3	La Sierra	0
3	Occidental	0

### 2nd Place Pomona Pitzer Tournament

3	Pomona Pitzer	0
3	LACC	1
3	USC	0
3	Pomona Pitzer	0
3	LACC	2
3	Concordia University	0
3	Whittier	0
3	La-Sierra	1
1	Claremont McKenna	3
3	Occidental	0
2	San Diego State	3

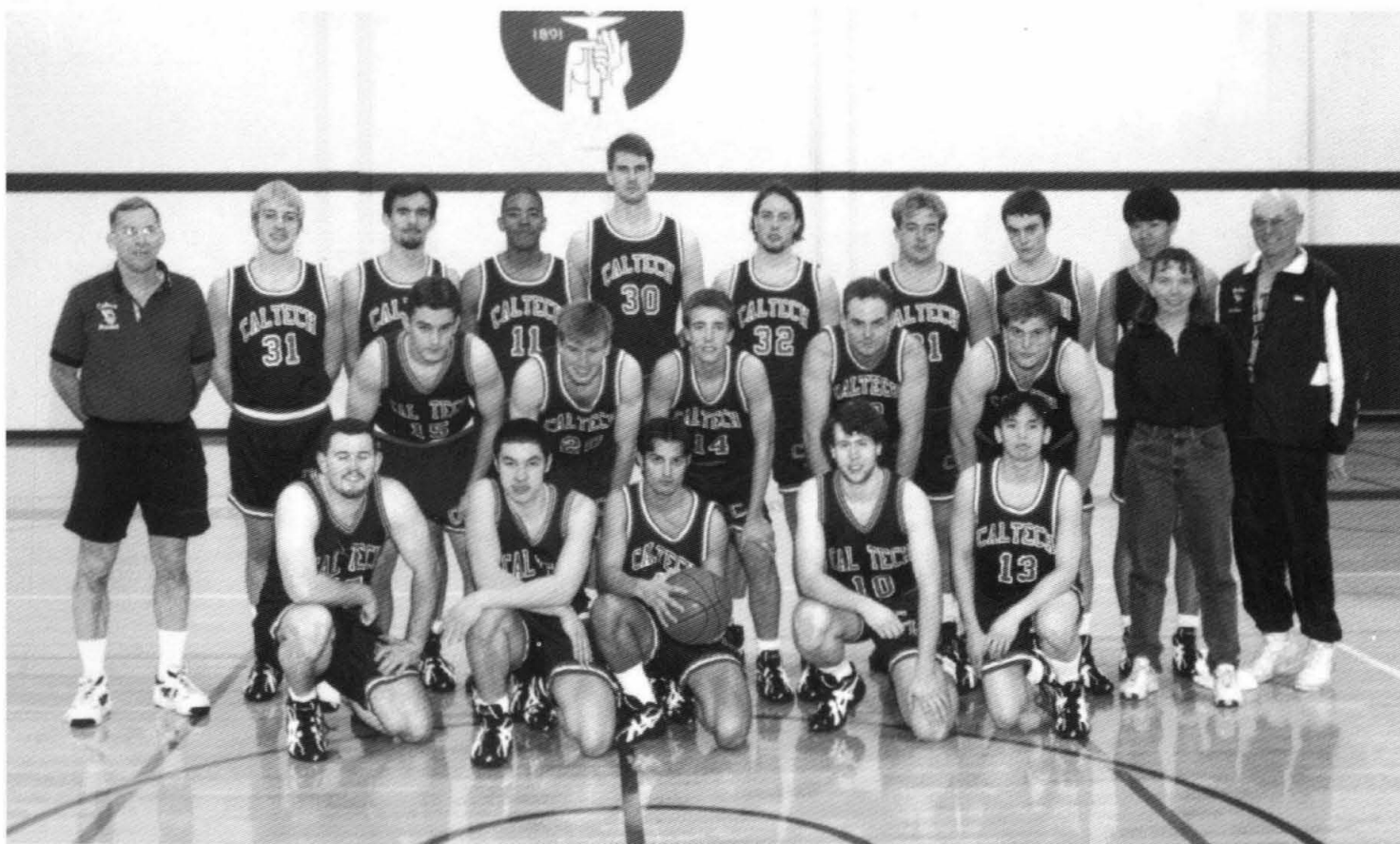
### 2nd Place USD Tournament



Left to Right, Back Row: Asst. Coach Aaron Kiely, Gary Leskowitz, Luis Saenz, Mike Machczynski, Scott Van Essen, Ken Wiberg, Steve Sears, Nick Lorenzen, Coach Susanne Masuhr; Front Row: James Heaney, Andrea Borgioli, Joel Jones, Joe White, Andreas Masuhr; Not in photo: Matt Bergeron, Andy Berkin, Mike Burl



# Women's Basketball



# Men's Basketball



# Broomball

Okay, so it's not an NCAA intercollegiate sport...but Teachers play it...







# Women's Tennis

It was quite a year for Caltech women's tennis. We finished the season with ten players, six of whom made their collegiate tennis debut. The season had its close matches and heartbreaks; Tech played six 5-4 matches, losing the majority but pulling out two key 5-4 wins during the conference tournament. The Beaver squad entered the SCIAC tournament in 6th place after close losses to the 4th and 5th place teams during dual match play. Caltech played well, defeating Cal Lu and Oxy 5-4 to grab a 5th place tournament finish. The Beaver squad tied with Oxy for 5th place in the final SCIAC conference standing and earned a final West region ranking of #10. Senior Alexis Johnson, sophomore Audrey Lee, and frosh Susan Sher finished the season with the top singles records at 11-5, 11-6 and 10-4 at the #1, #4/#5, and #5/#6 positions, respectively.

Highlighting this team's accomplishments was

being honored, for the third year in a row and the fourth time since the award's inception in 1991, with the SCIAC Team Sportsmanship Award. This highly regarded award is voted on by each women's tennis team in the conference.

Alexis Johnson was also recognized at the conference level, earning 2nd Team All-Conference honors, again for the third year in a row. Johnson finished her career with a singles ranking of #10 in the west region and #48 in the nation. She and her partner Nita Losoponkul earned a west region doubles ranking of #14.

On behalf of the entire team, I would like to say farewell and good luck to our seniors Alexis Johnson, Irene Wong, and Emily Ho. Your desire, efforts, and talents will be greatly missed! My congratulations to you and the entire team on a successful season!

--Karen Nelson



# Awards

As Voted On By Team Members

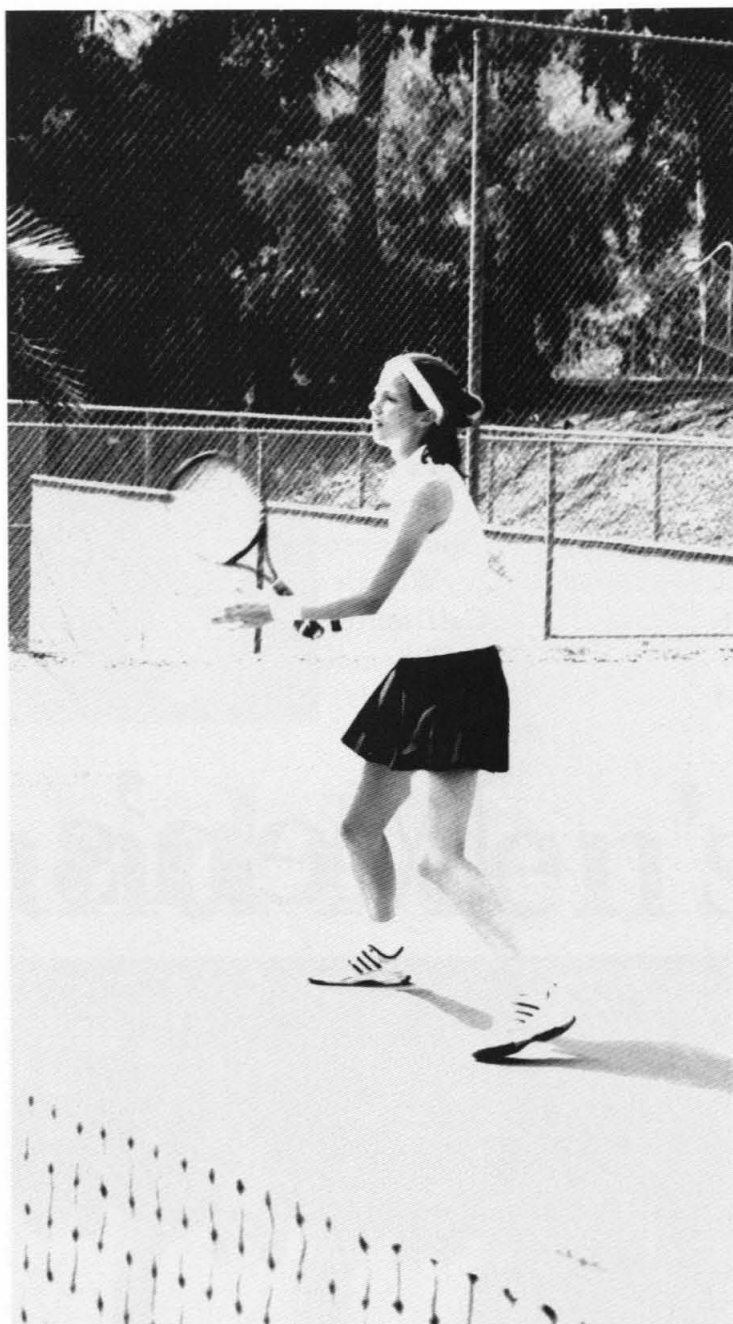
Most Valuable Player:  
Alexis Johnson

Most Inspirational Player:  
Audrey Lee

Most Improved Player:  
Emily Ho

Player's Award:  
Irene Wong

Right: Alexis Johnson gets ready for an incoming tennis ball. Below: Irene Wong makes contact with an opponent's attempt to get one by.



Team Co-captains:  
Irene Wong and Alexis Johnson

Team Mentors:  
Alexis Johnson and Amy Chang-Chien



## Women's Record

4	MesaCC	5	7
8	ParadiseValley	1	1
9	LaVerne	0	3
5	CalLutheran	1	0
3	Redlands	6	6
8	Biola	1	4
4	Whittier	5	6
4	Occidental	5	0
0	Pomona	9	5
4	Chapman	5	1
9	LaVerne	0	2
2	Occidental	7	4
4	Southwestern	5	5
2	Whittier	4	0
6	CalDominguez	3	0
1	Claremont	7	7
4	Biola	5	3

## Men's Record

Whittier	0
Occidental	6
CalLutheran	4
Redlands	7
LaVerne	0
Biola	3
Whittier	1
Pomona	7
LaVerne	2
Occidental	6
Biola	5
Chaminade	5
SkaggitValley	4
HawaiiPacific	7
UHawaii-Hilo	9
NotreDame	2
Claremont	4

# Men's Tennis







# Women's and Men's Cross Country



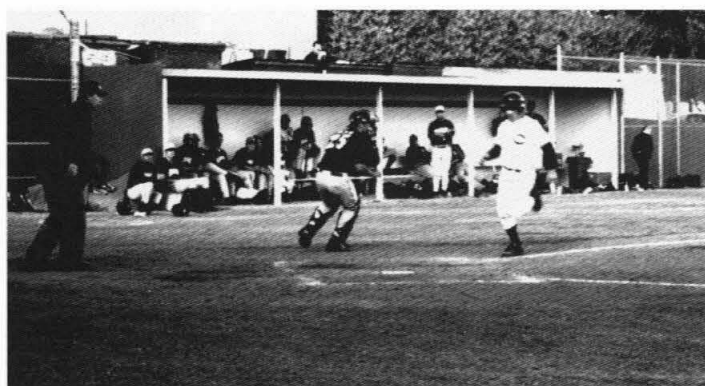




# Baseball

Another campaign has come and gone and we didn't have a great season in wins and losses but we had a good season in terms of individual and team improvement. We had a fine crop of freshman that contributed greatly. They included first baseman and Most Valuable Frosh Brian Stalder, outfielder Derrick Hasterock, catcher Tim Buschman, and third

baseman Dan Marrone. They all lettered and will bring their experience to next year's team.



Sophomore Greg Fricke had another fine season, being selected MVP by his peers and led the team in every offen-

sive category. Grant Williams and Senior Rob Tryon had fine seasons with Rob receiving the Most Improved award and finishing second in hitting. He will be missed next year.

The prospects for next year look good with three frosh coming in with some experience at the high school level. Come out and catch the Tech horsehiders in '99. See you then.

--Coach John D'Auria



# Awards

Most Valuable Player:  
Greg Fricke

Most Valuable Frosh:  
Brian Stalder

Most Improved:  
Rob Tryon

Right: Rob Tryon is off and running.  
Opposite Page: Grant Williams scoring a run.



Rob Tryon at the plate with a powerful swing.

Player	AB	AVG	FD	OBP
Allen, J	7	.143	.867	.143
Avelar, J	11	.000	---	.083
Barnes, J	51	.216	.904	.231
Bradley, K	5	.200	.750	.200
Buschman, T	28	.107	.813	.167
Dawson, M	16	.438	.951	.500
Fricke, G	69	.391	.829	.488
Hasterock, D	66	.152	.872	.222
Hiller, D	5	.000	---	.000
Huang, A	29	.172	.857	.400
Marrone, D	36	.056	.722	.105
Rosenwinkel, A	1	.000	.714	.500
Shuman, M	32	.188	.940	.235
Smith, J	46	.152	.966	.220
Stalder, B	42	.262	.913	.392
Sullivan, M	35	.171	.923	.275
Tardiff, E	1	.000	---	.000
Tran, T	38	.132	.841	.283
Tryon, R	72	.278	.823	.312
Williams, G	77	.221	.983	.291

Pitcher	IP	ERA
Allen, J	34	13.50
Bradley, K	49 1/3	7.11
Fricke, G	2/3	0.00
Hasterock, D	3 2/3	24.55
Huang, A	37 2/3	14.34
Marrone, D	7	23.14
Rosenwinkel, A	29 2/3	16.08
Tardiff, E	5	14.40

Alex Huang is throwing strikes.











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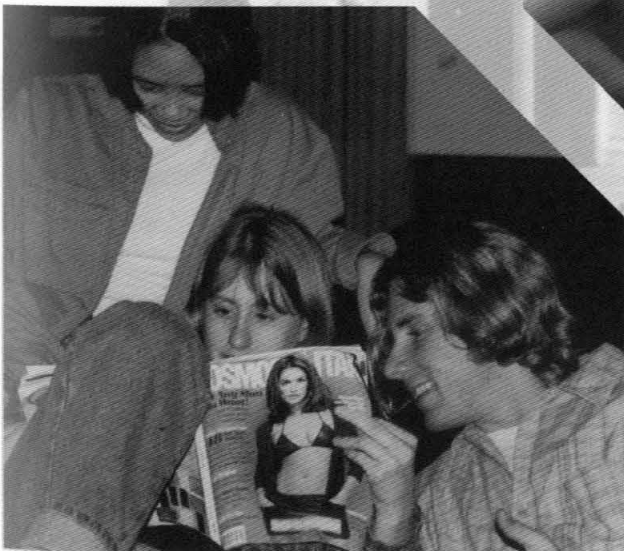
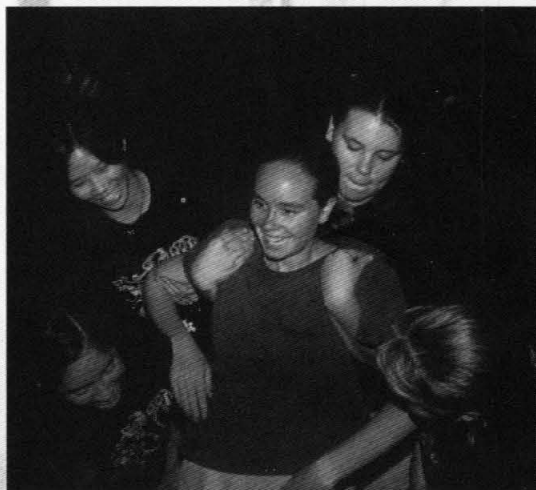


# The Church and House of Blacker

the two being one and inseparable



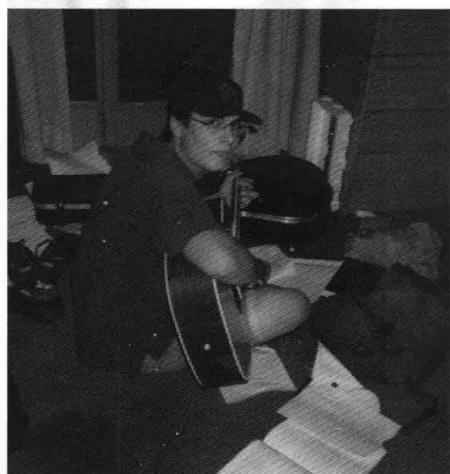
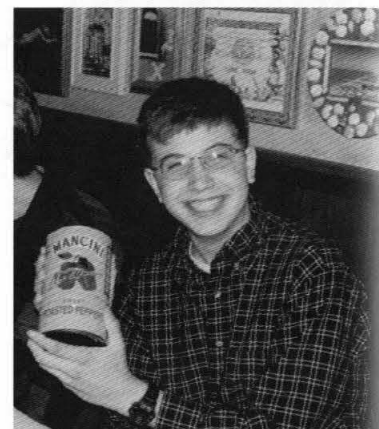




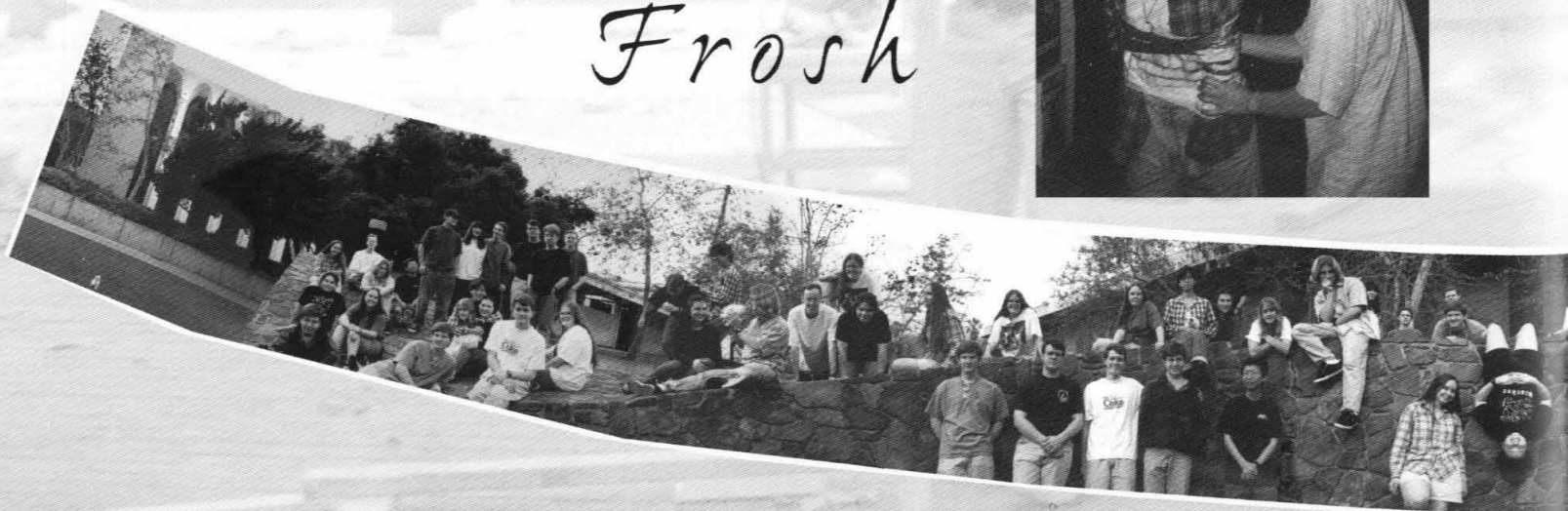




(back row, l-r) Madeleine Price, Andrew Hafer, Robin Friedman, Harry Liu, Seth Miller, Afie Abidi, Sam Williams, Peter Freese, Brian Platt, Jay Catherwood. (front row, l-r) Mark Barrett, Celeste Yang, Kristin Commer, Christian Thomas, Amy Peterson, Wedge Cheung,



# Frosh





Cheryl Forest, Stona Jackson, Andrea McColl.  
 (Ran away) Jen Caron. (Not shown) Ronnie Chen,  
 Elisa Chiang, Nathan Flowers-Jacobs, Jacob  
 Lundburg, Sean Raymond. (Really really tiny)  
 Sophie



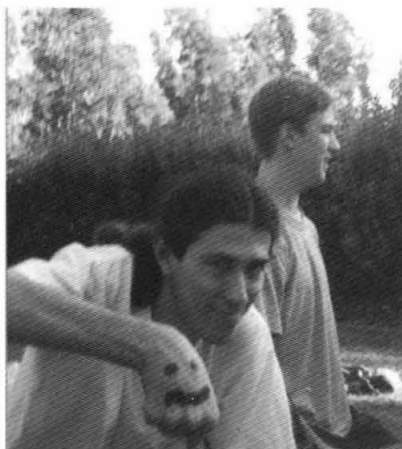




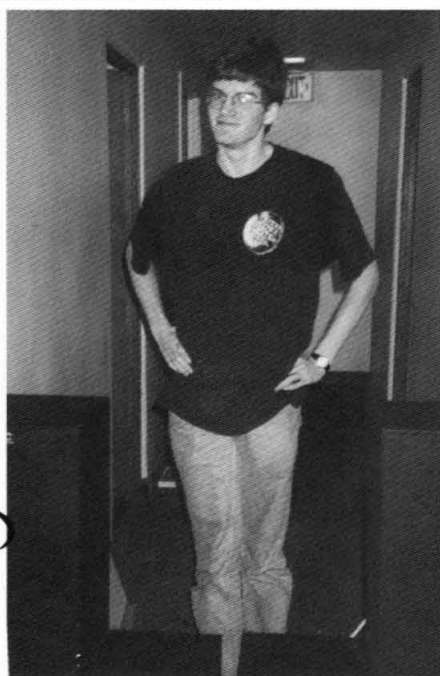
Would you buy a used car from this man?

SOPHOMORES: (Standing) Nathan Schara, Eric Hale, Adrienne Hyldahl, Yifan Yang, Nicholas Breen, Andrew Childs, Clifford Hicks, Amy Barr, Robert Enright, Wren Montgomery, Kristine Nielson (In front) Ryan Cox (Inset) Anne Kelly, Kacie Shelton, Kjerstin Easton, Kevin McCarty. (Not shown) Mike Fitzgerald, Juna Kollmeier, Troy Lee, Steve Mueller, Hannah Peck, Rafi Rubin, Ian Shapiro.

Below: Nick playing the Secretarial theme song, "Shaft". Right: Robert decides his alley needs all the help it can get. Below Right: Kristine learns to divide by zero. Far right: Juna thinks snow is F#\$%&^ awesome.



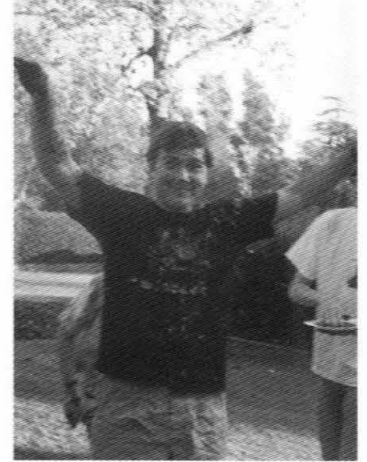
Sophomores



Hi, everyone! Amy loves you!



JUNIORS: (Standing) Ellen Martin, David DeVault, Ryan Chornock, Amy Chang-Chien, Aimee Pierce, Travis Williams, Oliver Dial; (In front) Dave Tytell, Joe Carroll. (Not shown) Mike Atkin, James Buckwalter, Matt Hage.



Right: Walt and his pet ladder.  
Far Right: Vlad sitting in Vatican.  
Upper Right: Kurt applies warpaint before a meeting with the DRL.  
Below: Dan demonstrates  $P=IV$ . Bottom: Aimee ponders the identity of Keyser Söze.



Juniors

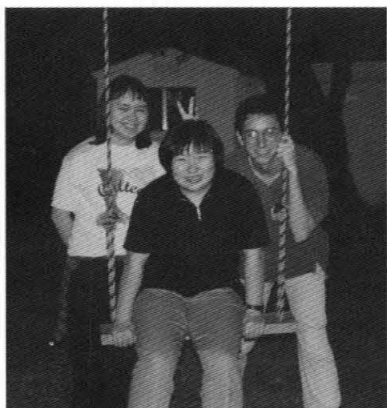
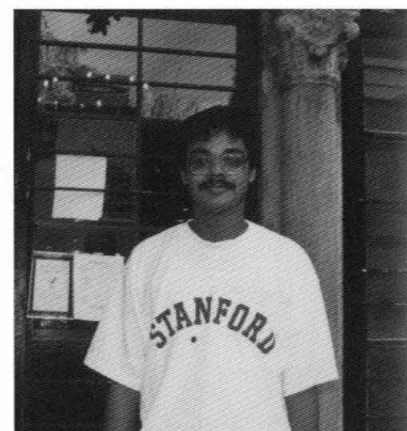


MORE JUNIORS: (Standing) Jeremy Kemper, Kyle Alvine, Micah Dedmon, Erik Streed, Allison Roberts, Matt Komsthoeft, Vlad Gluzman. Walt Ogburn, John Chodera, Peggy Gabriel; (In front) Noah Arribas-Layton. (Still not shown) Kurt Klein, Daniel Leonard, Michael Stone.

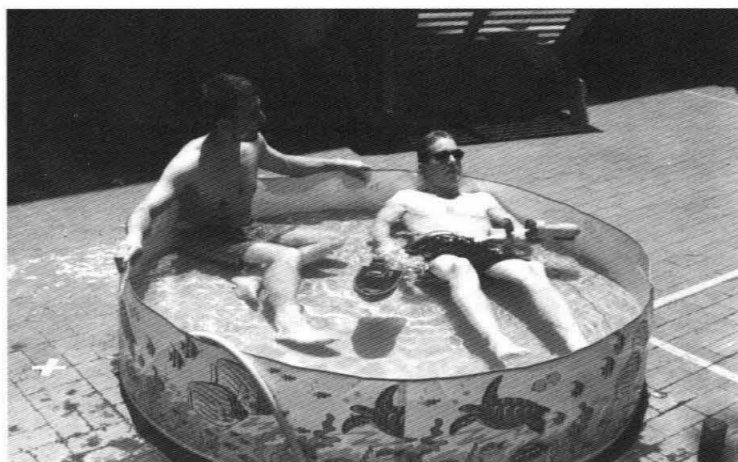
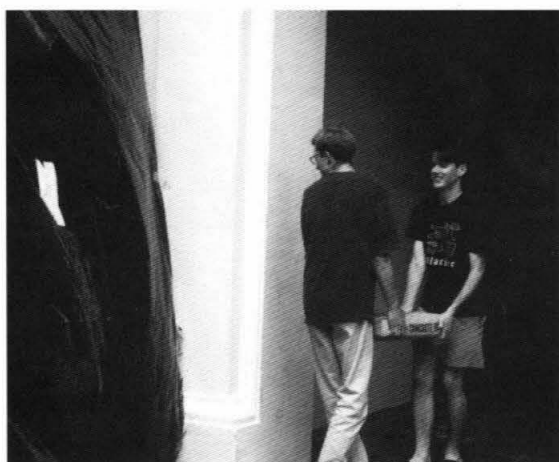
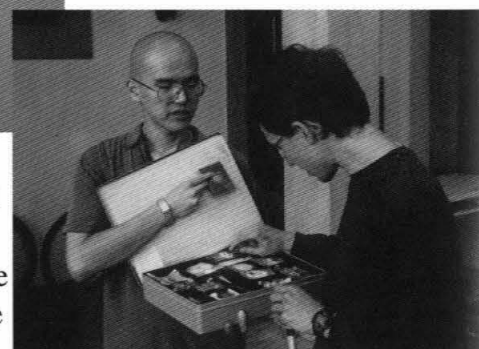


# Seniors

(Back row) Brian Tiemann, Nate Anagnostou, Dave Hilvert, Dan Hennessy, Ravi Ramamoorthi, Alex Ihler, Jon "Marty" Allen, Ben Turk; (In net) Brian "Ace" Rothstein, Zane Crawford, Jeanne Wilson, Matt Tiscareno, Payam Pakzad, Karen Bletzer, Tim Henson, Sam Foster; (Hanging) Leah Foechterle, Shane Ross. (Not shown) William Penn, Ryan Bacon, Mike Davies, Michaelleen Callahan, John Lin, Roy Koczela, Christina Molodowitch, Peter Oakley, Fay Peng, Mike Rhoads, Jesse Rosenstock.

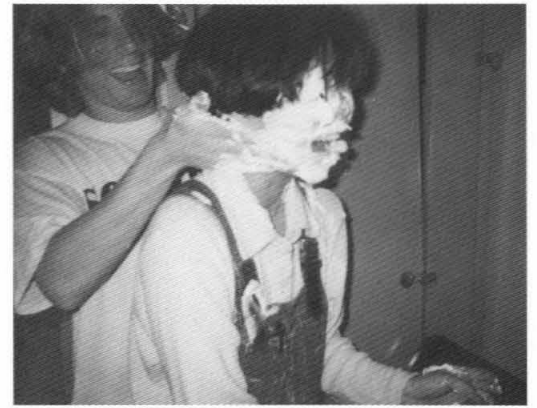


Above left: Bill and Marty prove that presidents come and go, but frosh are forever. Far left: Advo, Fay, and Brian in the backyard. Above: Tim tests the integrity of Interhouse remains.

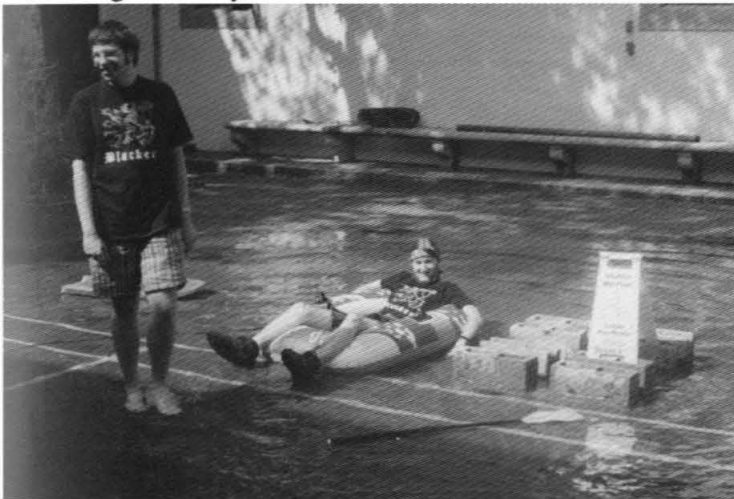


Lost in space: Dan stands his post in Cannes. Far above: Ravi likes rice. Above: John keeps Jesse supplied with his "free samples." Far left: Matt and Tim are caught with a suspicious load. Left: Shane and Marty work non-stop to graduate.



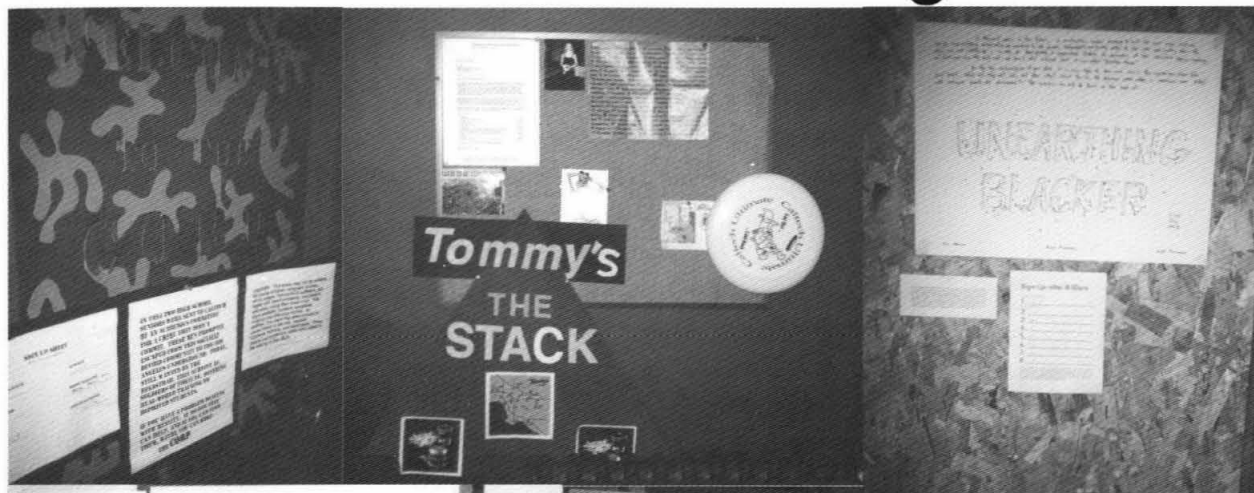


Above: Frosh in awe of Micah's Tommy's tolerance. Above right: Wedge's close shave. Right: Mr. Food at work. Far right: Interhouse (de)construction. Below: Afloat without a paddle. Bottom: The New, Happier Real Nominations. Below Right: Frosh project at dawn. Bottom right: Soaking in courtyard ambience.

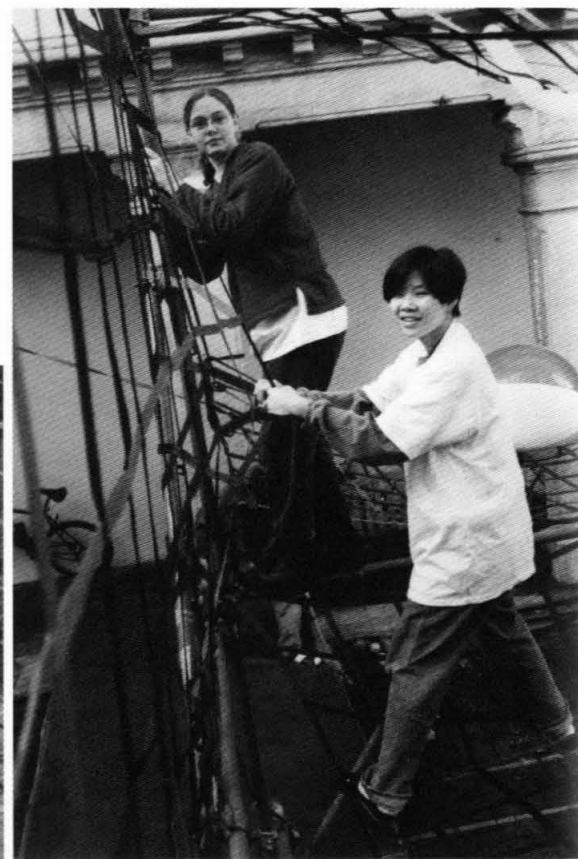




# Ditch Day



Above and to left: Sampling of the fine Blacker stacks. Far left: Kurt searches for Blacker in La Brea.







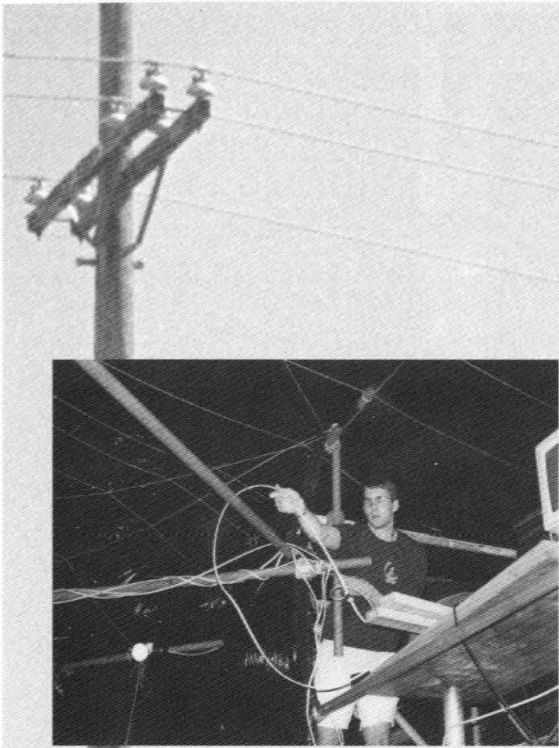
Left: All that time in the gym pays off for Harry. Right: Suck you, Ace. Far Right: Mastermind behind the Second Worst Stack Ever. Below: "Why are you all staring at me like that?" - A. Childs Below right: Dr. Seuss's final puzzle, solved at last.



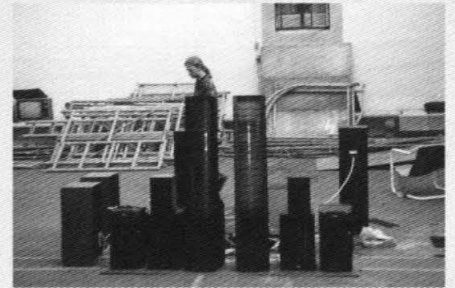
Opposite page: Underclassman try out the seniors' courtyard gift. Below: All the Usual Suspects. Bottom: Keyser Söze meets his destiny. Below right: Treasure hunting on Blacker Beach. Bottom right: "Who forgot the shovel?"



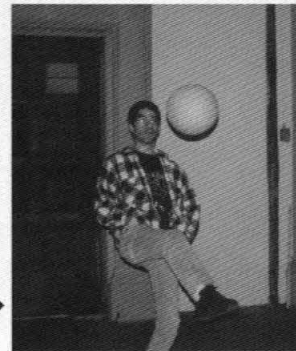
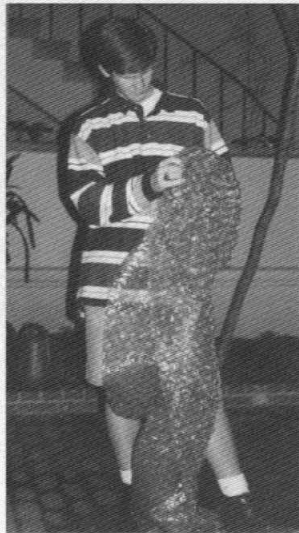




Oh, God



Inspecting the ranks before battle







Everyone  
loves a jolly  
old fat guy—  
and Santa's  
neat too.

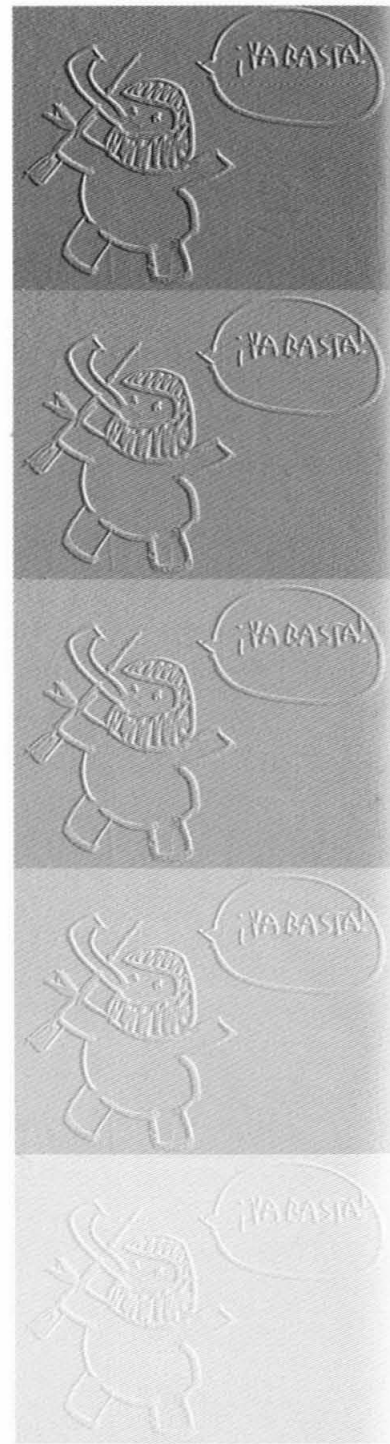
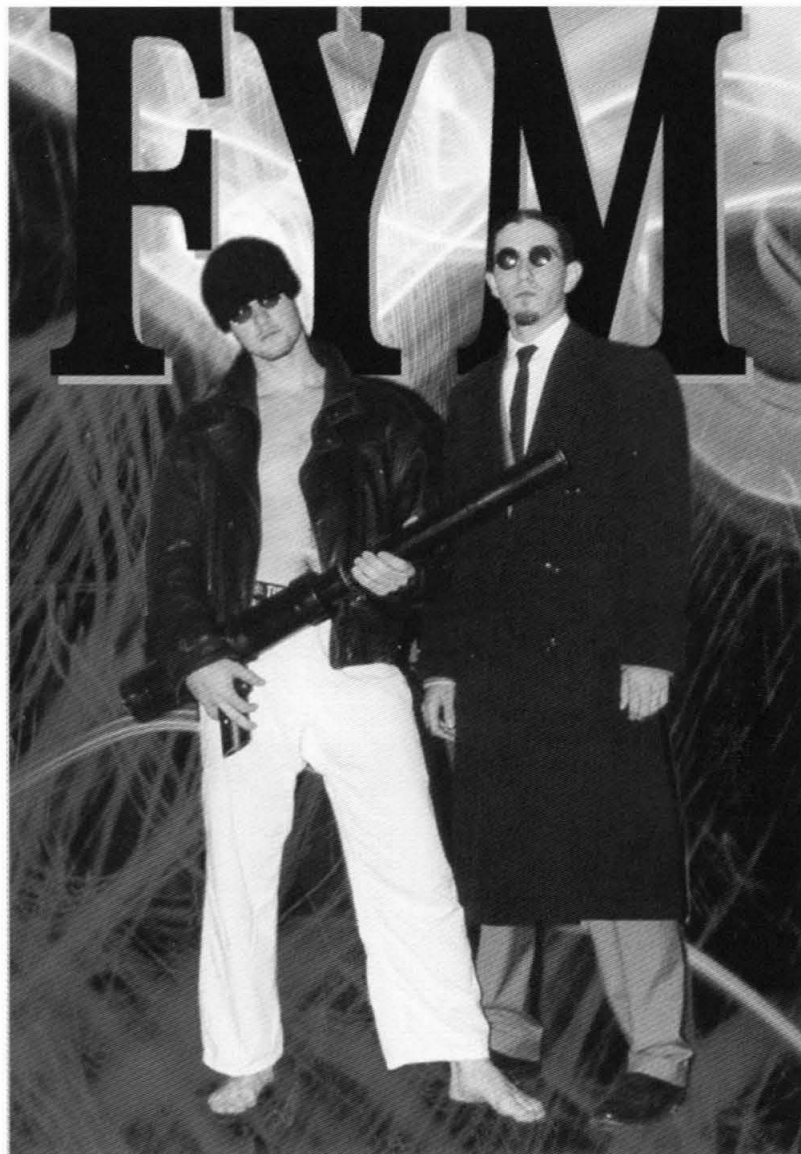
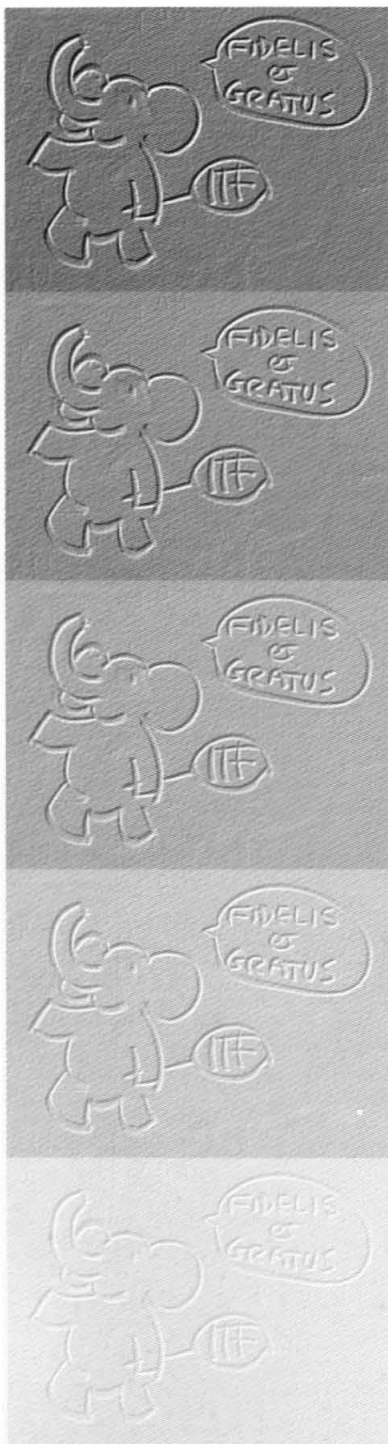


Many thanks to Amy, Wedge,  
Travis, and Matt for addi-  
tional pictures; Krishna for  
the MIPS; and Nicholas for  
not keeling over.  
Our ride's here now, and  
we're gone.  
- Ryan and Nat





# Dabney Hovse

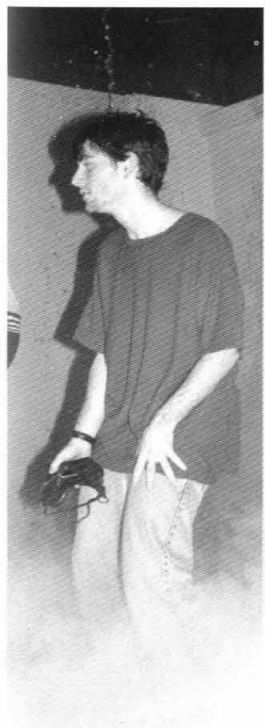
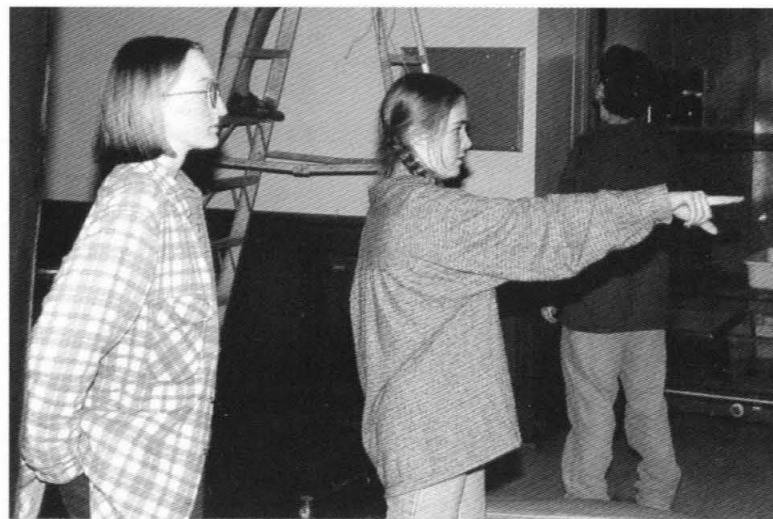
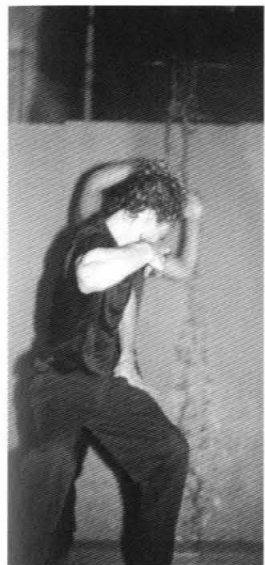


*The HOVSE of LOVE, GANGSTAS,  
and YOUR MOM.  
SHIT.*

Historian:  
Joshua Adams





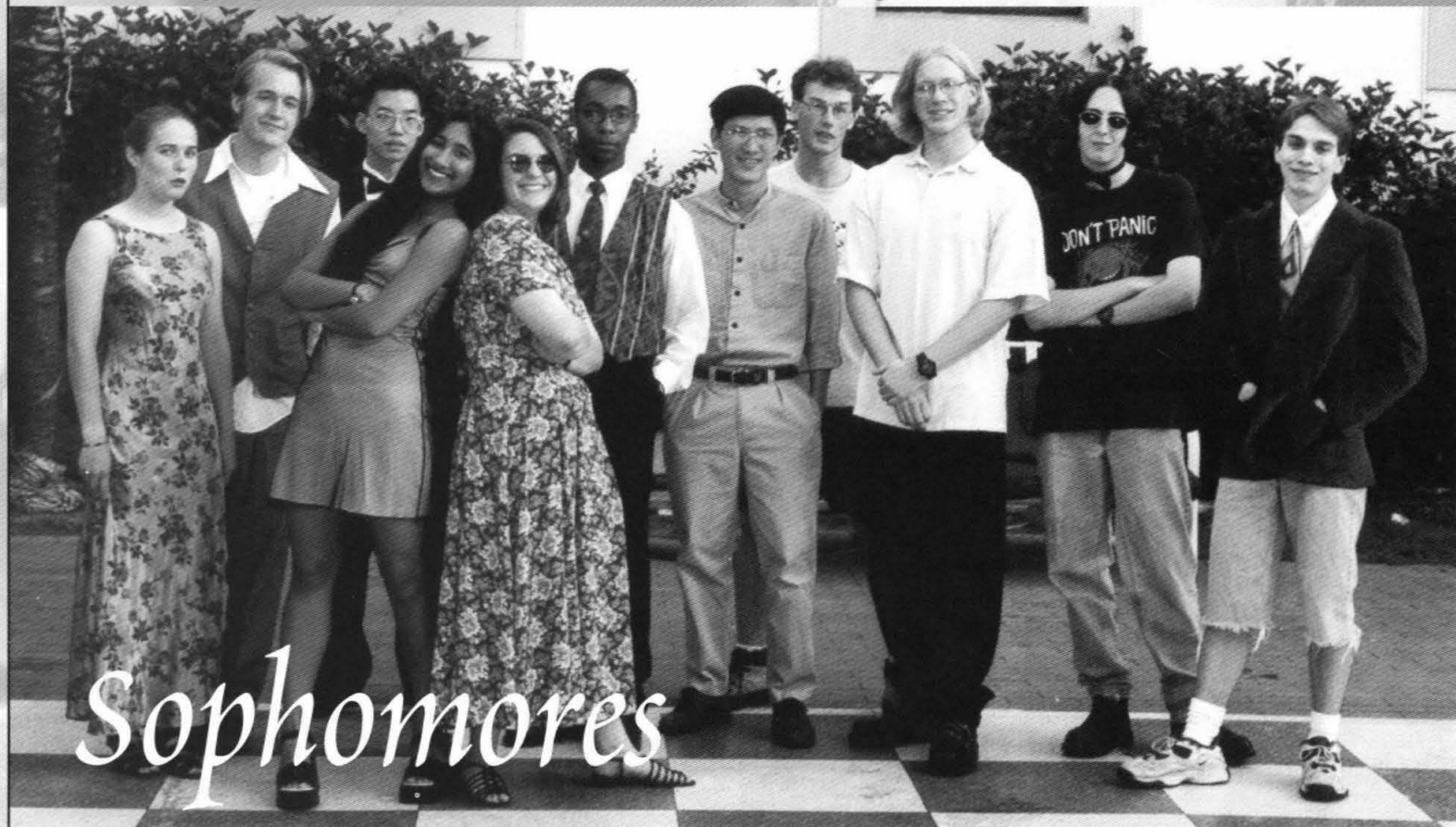






Left to right: Dan Murphy, Owen Aftreth, Justin Smith, Kathryn Todd, Vanessa Sih, Kevin Shand, Ryan Simkovsky, Lisa Cowan, Irina Mikhaylovskaya, Iljie Kim, Florian Bohn, Francis Macdonald, Dev Kumar, Jay Hubisz, Jimmy Cooley, Augusto Callejas. Not shown: Tom Baehr-Jones, Joy Justice, Andrew Koehl, Noël McGuinness, Jordan Miller, Dvina Valainis, Brian Watkins.

Left to right: Melissa Parish, Charless Fowlkes, George Chung, Dee Ghosh, Sarah Milkovich, Kudah Mushambi, Anh Pham, Joshua Adams, Matt Paul, Chris Berger, Rory Sayres. Not shown: Gabriel Au, Louis Cisnero, Angela Han, Kim Harle, Myra Interiano, Juna Kollmeier, Alberto Mendez, Todd Mitchell, Kevin Schulz, Kayla Smith, Lilach Somberg, Agnieszka Wojciechowska, Haitao Yu, Jianhui Zhang.





TopRow: Rory McKenna, Ethan Snyder-Frey, Geoff Matters, Miles Shuman, Ann Stimmler, Rebecca Jones, Valerie Anderson.

Bottom: Autumn Looijen, Cliff Ellgen, Kristian Delacruz. Not Shown: Chris Bartok, Dave Benson, Jim Buckwalter, Kurt Campbell, Juancarlos Chan, Petru-Nicolae Chebelev, Yevgeniy Dashevsky, Patrick Drew, Eric Fischer, Sander Granat, Samantha Howarth, Daniel Kaplan, Tatsuki Kashitani, Max Narovlyanskiy, Stevie Otis, blue smith, Wesley Tanaka, Daniel Zilberman.



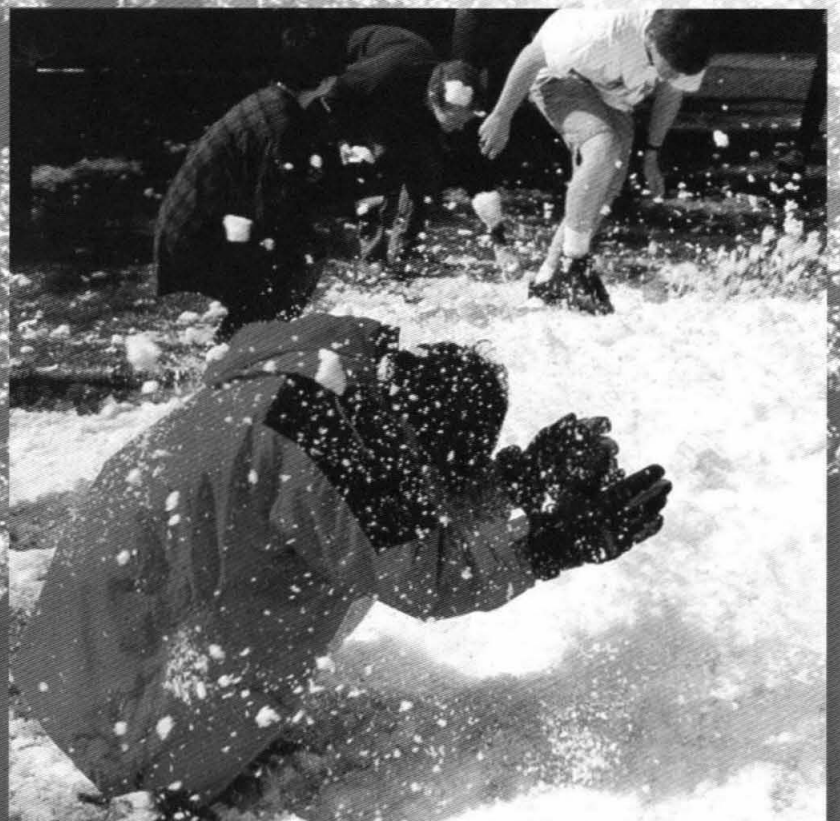
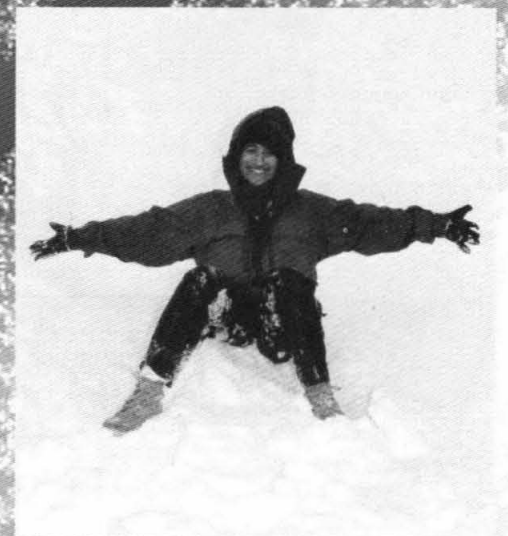
Left to right: Allen Wei-Chung Lee, Lori Hsu, Alex Dunn, Kai-hsu Tai, Damian Martinez, Dule Misevic, Myfanwy Callahan, Niniane Wang, Matt Doucleff, Michealeen Callahan. Not shown: Ronak Bhatt, Elizabeth Callaghan, Kevin Carle, Eric Dennis, Brian D'Urso, John Grossman, Mikey Herrera, Evan Hurowitz, Jason Jenkins, Hui Jin, Dan Kleiman, Jim Krehl, Rebecca Langford, Rowena Lohman, Alan McConchie, José Mendez, Jim Pierce, Vicky Tanusheva, Chris Walker, Jing Xu.





# FUN, FUN, FUN in the SNOW

LITTLE DARBS HAVE THEIR  
FUN WITH INUIT FREEDOM  
DAY AND THE SKI TRIP AT  
MAMMOTH MOUNTAIN.





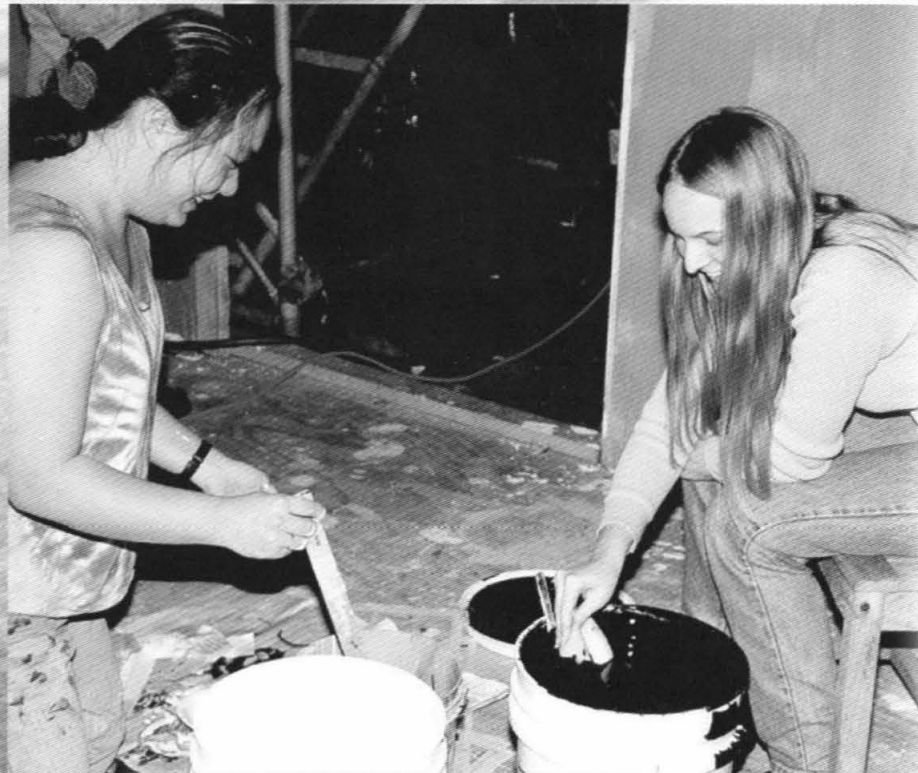


# Kicking Back in the Courtyard

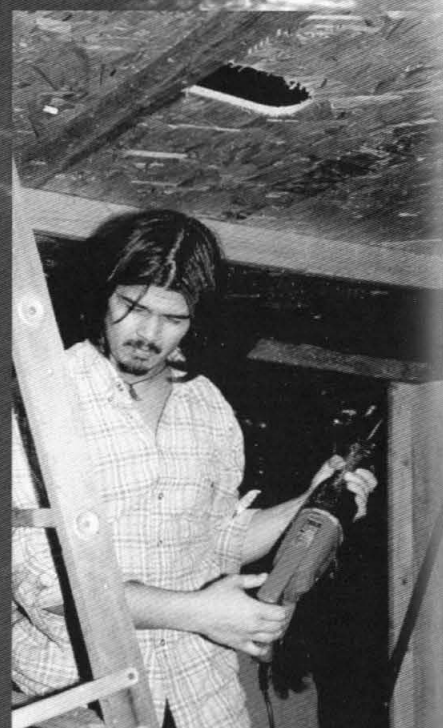
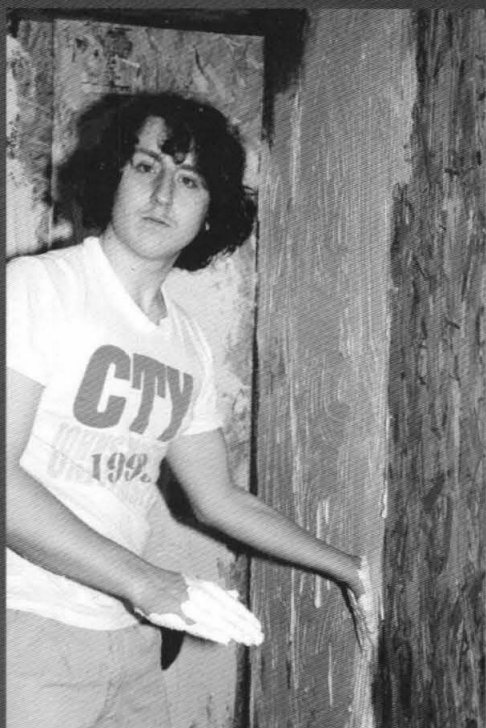
From tie-dyed bras to pink little bunnies beating on helpless frosh, the Dabney House courtyard sees it all. Shown here are scenes from the 3rd term drop day, the tie-dye party over prefrosh weekend, and other everyday courtyard happenings.



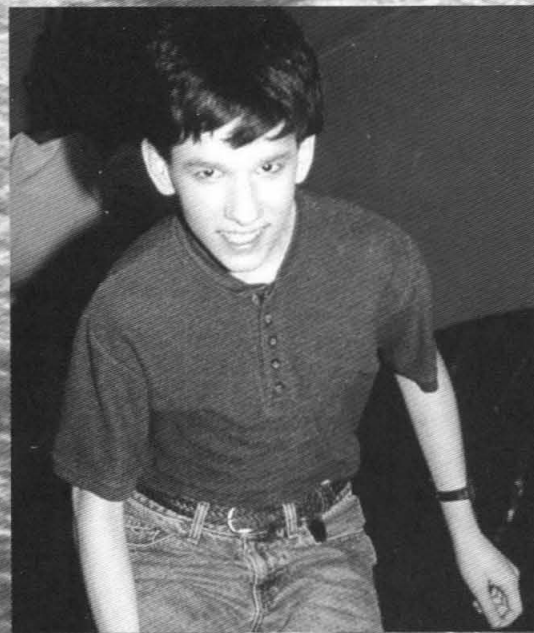
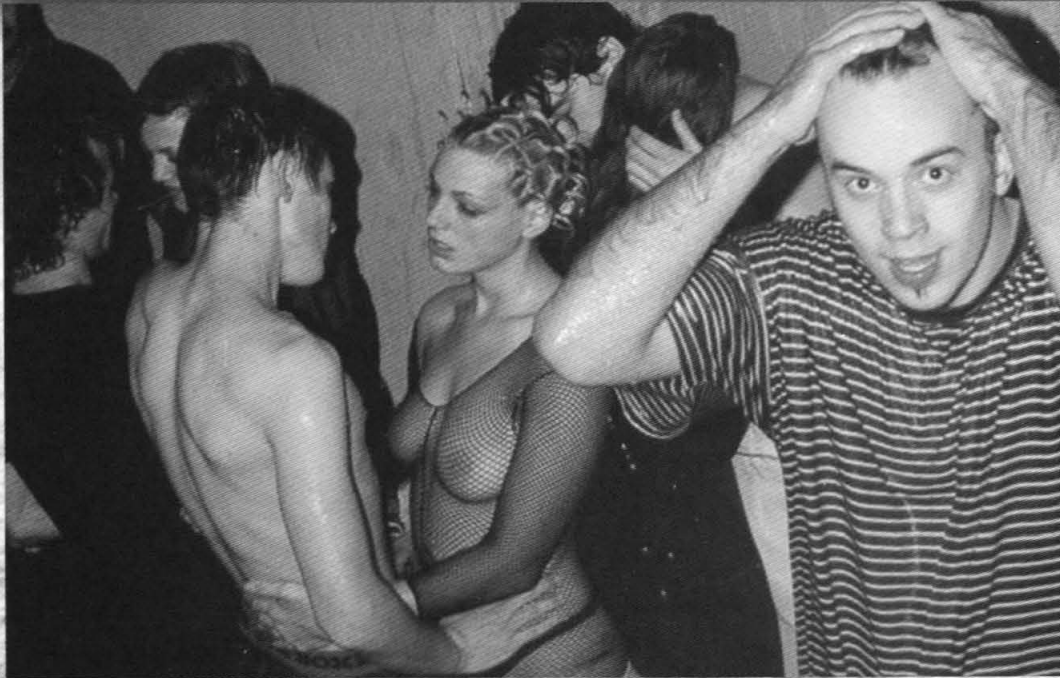
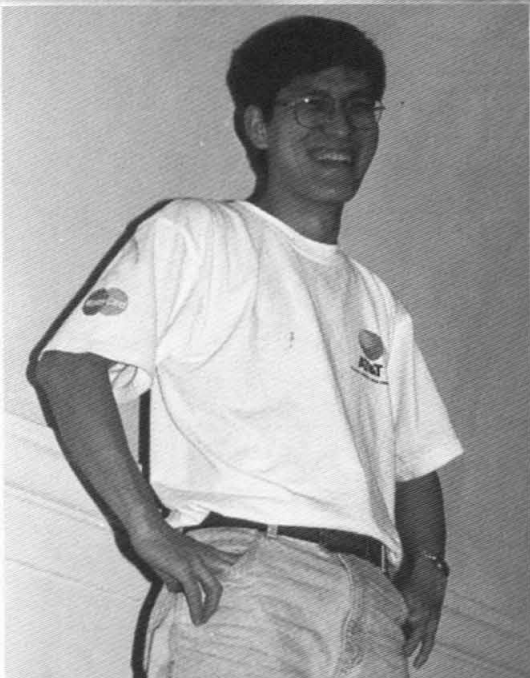




# Time for the Drop Day Party to Begin







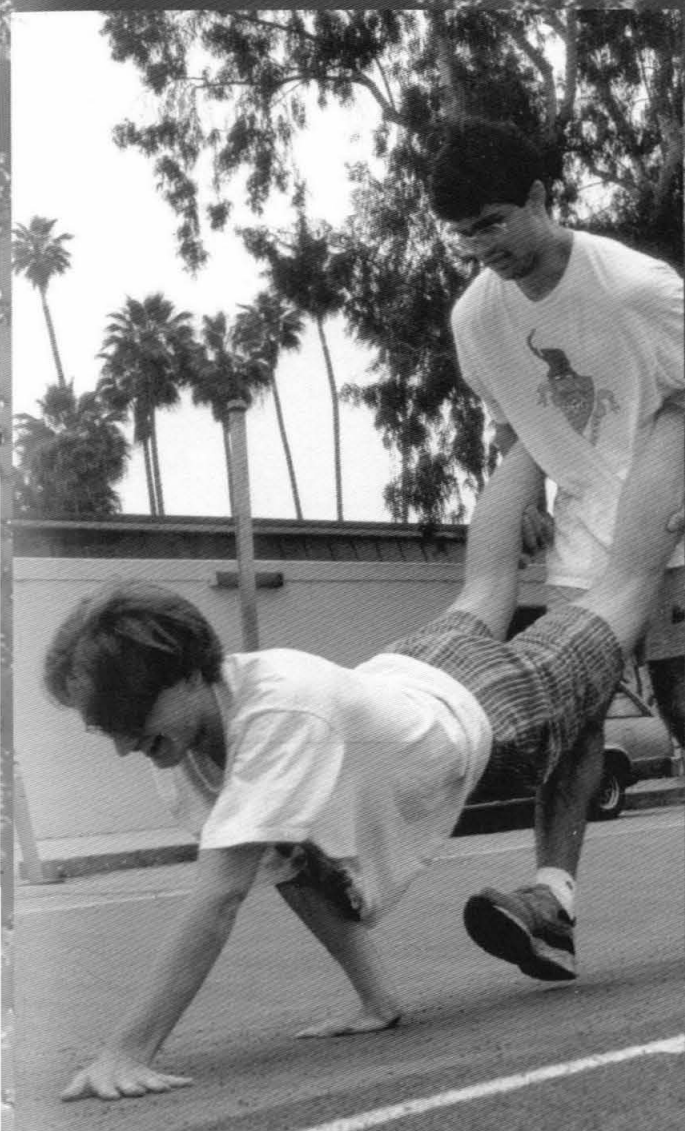


# KELROF

THE GRUELING 24 HOUR RELAY RACE TAKES ITS TOLL ON ALL WHO DARE TO PARTICIPATE. POPULAR BETWEEN RUNS WAS GAMING ON COMPUTERS HAULED OUT ONTO THE FIELD, KAYAKING IN THE POOL, AND, OF COURSE, SLEEPING.



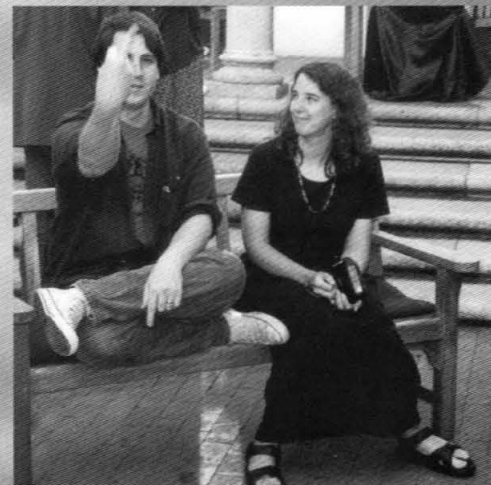
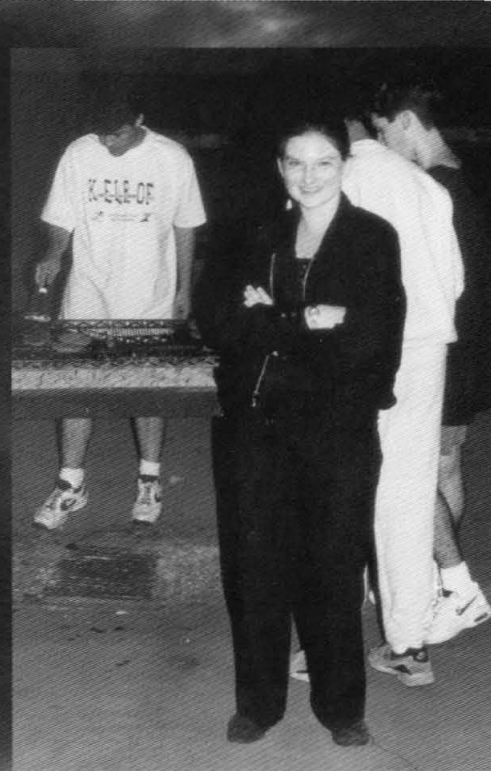














# FLEMING HOUSE



Fleming House embodies tradition, loyalty, and athletics. This year saw many old traditions kept, from Caroling and First Formal Meal to the red robes at graduation, and new traditions begun, most notably the Days Till Graduation Board. Flems also improved on BFP, making it the best party of the year. We improved the House, tearing down the lower 1-6 wall, and doing considerable remodelling to connect upper 5 and upper 6.

This year also brought the most remarkable freshman class in recent memory. They won the Frosh Football Game 24-0, and turned out with nearly 100% participation on everything from frosh rebellions to the class photo.







F

## FRESHMEN

F



Top row (l to r): Carrie Bunce, Mandy Booth, Jen Fong, Beth Cutler, Nita Losoponkul. Standing: Alec Muller, Puneet Newaskar, Ashwani Sastry, Christian Reichardt, Adam "F\*\*\*\*ing" Lawton, Eric Sherer, Tuom Holmberg, Matt Davis, Bryan Eastin, Yin Yuen, Dan Daly, Abe Ankumah. Sitting: Ghee-Hwee Lai, Linda Soo, Linda Van Hoozer, Jeff Barrick, Yuki Takahashi, Steven Wexler, Jorge Avelar, John Ladd, Brian Stalder, Elisa Chiang, Edward Little, Michael Schein, Jason Cardema. Not Pictured: Luis Armendariz, Deanna Carrick, Linda Sharkey.

F

## JUNIORS

F



Pictured (l to r): Will Ofstad, Mic Westcoat, Kara Swedlow, Amy Dullard, Erik Streed, Phyllis Chen, Joanne Jang, Ryan Merle, Corinne Gilliam. Not Pictured: Jonthan Burrows, Alex Chen, Jeff Custer, Francisco Dias Lourenco, Mike Grebeck, Anthony Greenman, Rajat Kongovi, William Kung, Vivian "Faye" McNeill, Jeff Mendez, Juan Oleaga, Mark Oyama, Devang Shah, Joe Soriaga, Valentin "Gaby" Stredie, Gregory Tan, Hai-xin Tie, Derick Wiant.



F

# SOPHOMORES

F



Top row (l to r): Cory Loomis, Nathaniel "Natron-e?" Hsu, Dee Ghosh, BJ Horn, Ian Swett, Chris Brooks, Bill Hiestand. Middle row: Chris Kurtz, Ben Brantley. Bottom row: Phuong "Kim" Vu, Jason McIlhaney, Matt Musick, Jay Washington, Martin Nguyen, Greg Detweiler. Not Pictured: Chris Brown, Gina Buccolo, John Burke, Rui Fan, Anne Hanna, Liz Kelley, Matt Kennedy, Abraham Kuo, Joe Lucas, Arjun Mendiratta, Ryan Patterson, Lori Robison, Baldeep Sadhal, Adrian Seymour, Josh Strahan, Matt Wilhelm, Hao Zhang.

F

# OFFICERS

F

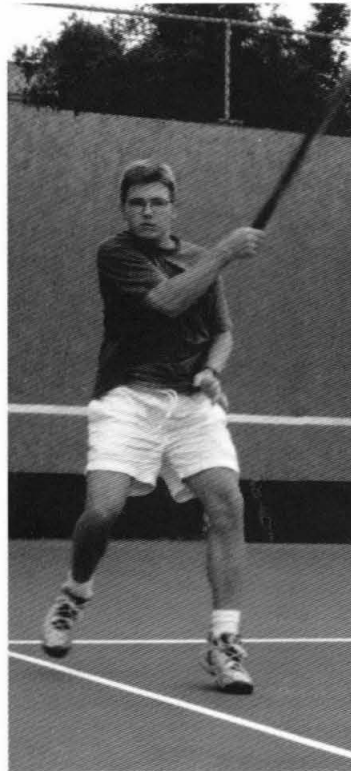
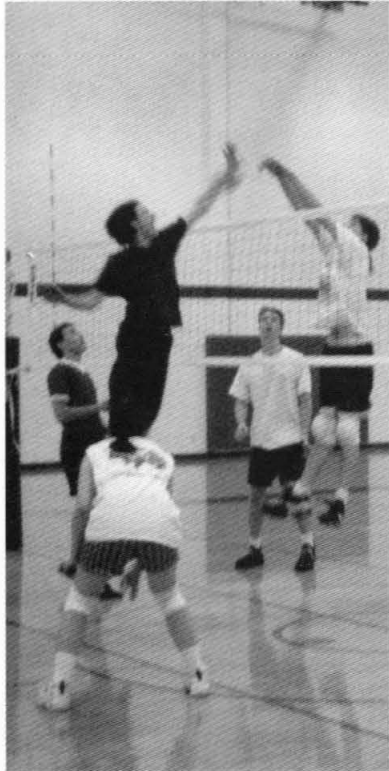


Left: Chris Brooks (Ath 2), Dan Daly, Matt Musick (Ath 1), Jon Ladd, Brian Stalder, and Linda Soo. Middle: Chris Kurtz (Secretary), Will Ofstad (VP), Jason McIlhaney (Treasurer), Joanne Jang (President). Right: Adam Lawton, Mandy Booth, Liz Kelley (Soc 2), Nita Losoponkul, Puneet Newaskar, Ben Brantley (Soc 1).



# F

# THE BIG RED



The Big Red Machine put up tough competition this year in Interhouse and Discobolus competitions. After a slow start in Interhouse, it began to dominate, placing first in both soccer and swimming. The pace slowed during second term, with the highlight being a 7-7 tie against page in ultimate. A tie for first in tennis wasn't enough to regain the lead and Fleming placed second overall in Interhouse.

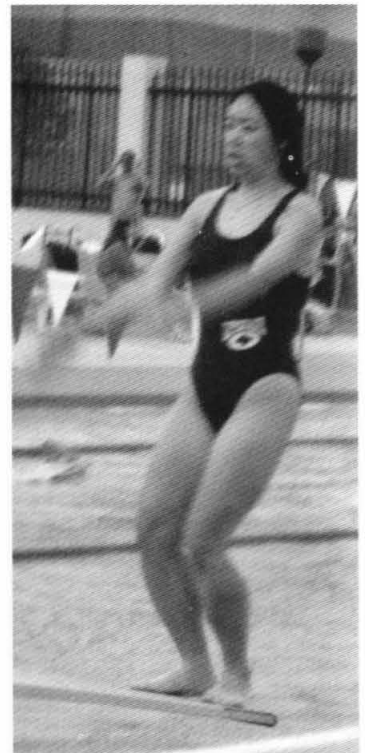
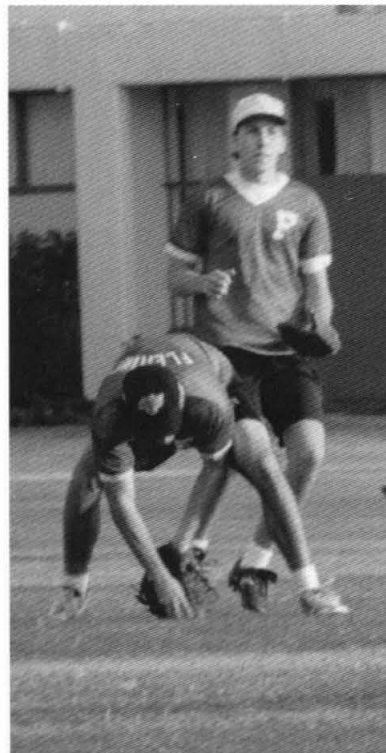
The Discobolus trophy started the year in page, but it soon returned to its rightful place in the Fleming trophy case after a resounding 10-5 victory in Disco softball. Fleming crushed attempts to retake it by Lloyd in flag football, Dabney in volleyball, and Ricketts in soccer. A challenge by page in disc golf eventually wrested the trophy from Fleming's grasp. Six challenges later, a crack squad of Flems overpowered the Lloydies in a game of Disco basketball. Once again the mighty Fleming Ath Machine protected the trophy from all challengers until a game of Disco volleyball against page, possibly the hardest-fought game of the year, just a week before the end of competition.

The sports highlight of the year was the annual page-Fleming frosh football game during the last weekend of third term. The Fleming jugernaut made easy work of the pageboys, earning almost as much yardage on page possessions as on its own. A final score of 24-0 made a satisfying end to a good year.

- Let the Deed Shaw  
Chris Brooks, Ath 2

Above: Albert pitches, Jon kicks, Ryan hits, and Ian swings.

Below: Jorge beats a throw into home to score, Brian fields a ball with Chris backing him up, and Joanne prepares to dive.







Above: BJ pushes through to the wall. Every race was crucial in what became a 1-point victory in the meet.

Upper right: A line-up in the frosh football game. Eric is quarterback, with Will, Stalder, and Tuom on the line, and Adam and Dan receiving.

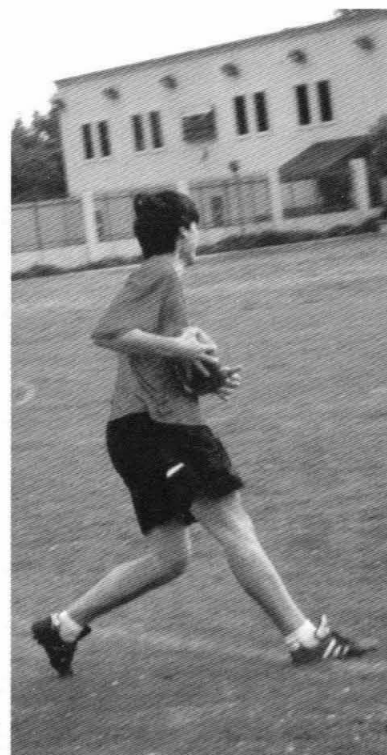
Below: Eric is too fast for the page frosh.



Above right: Musick evades the defense in Interhouse football, with Cory blocking.

Below left: The team works on strategy during a halftime huddle.

Below right: Kurtz leaves the opponents in the dust.





F

# FECATHLON

## INDOOR OLYMPIAD

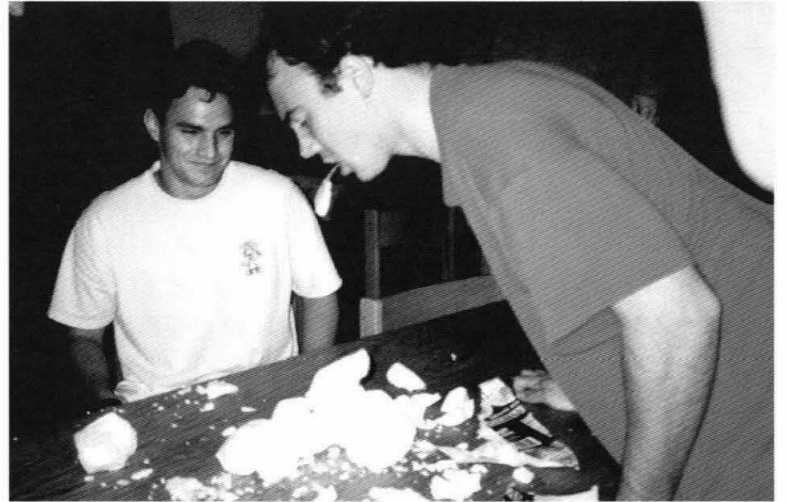
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Above: Di passes the jug while spectators cheer her on. Dan and Alec still haven't figured out that frosh can't win.

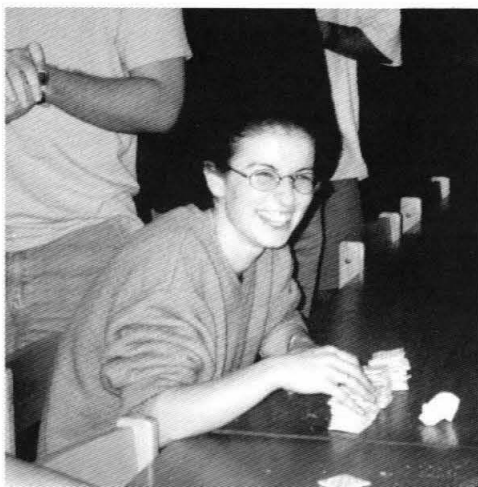
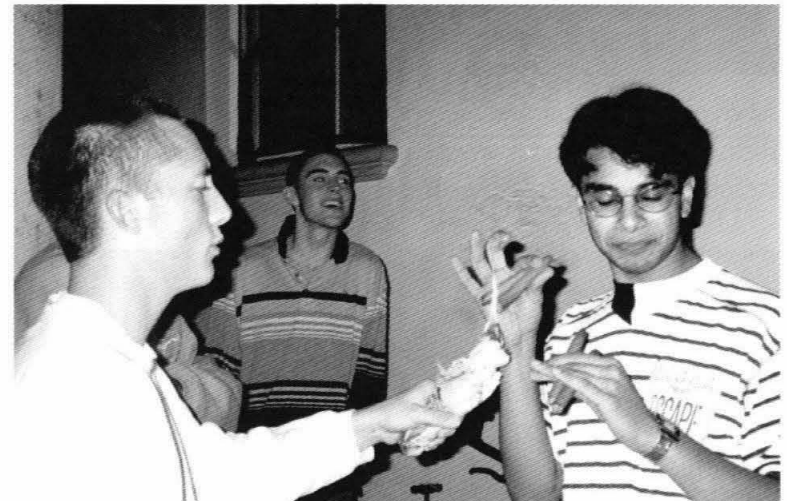
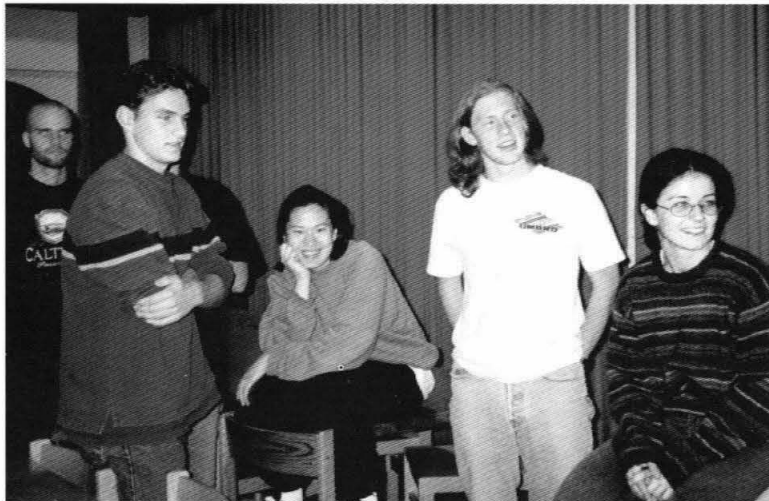
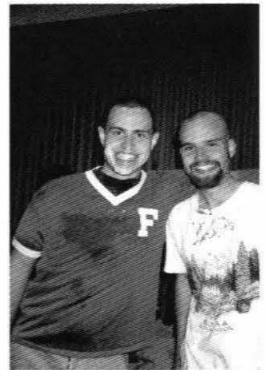
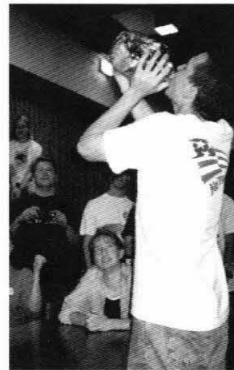
Below: Jason, Dan, Jen, Jon, and Tina watch the beer sucking, Matt helps Ashwani smoke.

Bottom: Tina wasn't very good at cheating, and Puneet wasn't very good at blowing up a condom, but they both tried hard. Amy took a break from judging to eat eggs.



Biz finishes the jug.

BJ and Jason seem to enjoy being a mess.





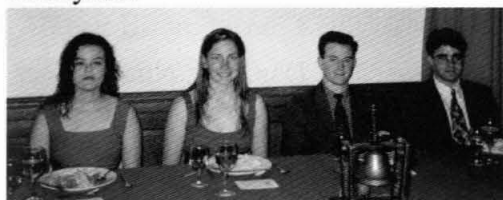
F

# MAKING FROSH INTO FLEMIS

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The frosh were introduced to the House with Caroling, which showed them Fleming House spirit and unity. Above: Jorge, Phyllis, and others go through Blacker. Right: House spirit rides high as we arrive back in the courtyard.

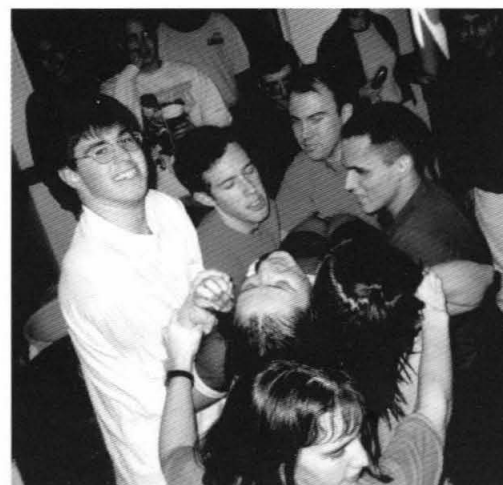
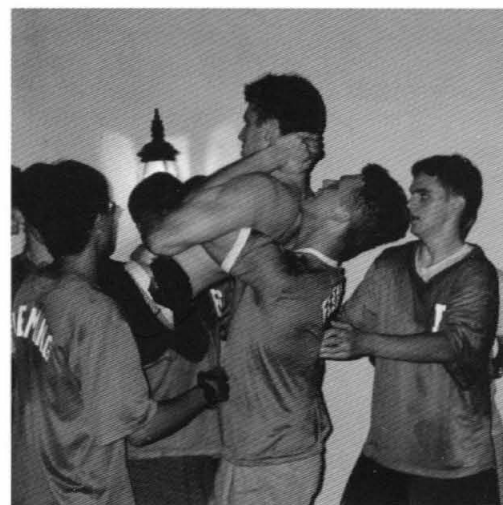


The frosh's next experience was the First Formal Meal of the term. Above: the Top 4 show the effects of the meal, McIlhane finishes his speech on the evils of underage drinking, and Liz talks about the women's alley. Joanne, Faye, Phyllis, and Jen demonstrate the dress and deportment required on Monday night Fleming dinners.

Right: Cory, who couldn't stand the formal atmosphere, gave the frosh a lesson in teamwork and class unity.

Below right: Di and Brian challenged the frosh to take them on a Grand Tour of every shower in the House.

Below left: The frosh class showed they had learned by staging some of the best frosh rebellions in years. The next lesson covered respect for the waiting staff.





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# WINE AND CANDLELIGHT BFP

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Above : Jen, Dan, Jon, Nita, Stalder, and Carrie enjoy Wine and Candlelight.  
Katie and Di aren't quite sober.  
Far left, the new RA's Christ and Tina attend the reception.



BFP was by far the most successful party of the year. Fleming constructed a sub and brought in a live disco band.

Above right: Kara, Musick, Jon, and Alec work on the submarine.

Below: The band looked very very weird but sang well. Tuom helps with the final set-up .





F

## BUILDING

F



This year Flems completed several different construction projects. The first was the new scoreboard. Jason Barnes organized the project and had the expertise to complete it.

Above: Brian, Jason, Keely, Corinne, Biz, and Natron-e?, all of whom participated, stand in front of their completed work.



The lower 1-6 wall came down, and we pulled down the upper 5-6 wall and constructed a new one to close in room 72 again. (This was also organized by Jason.) Above right: Chris Brooks, Biz, and Greg work to clear out the old wall.

To start a new tradition, we created a Days Till Graduation Board.

Below: Jason, Katie, and Di work on stencilling and painting it.



Below: Bill, Chris Brooks, Joanne, Crist, Tina, Will, Stalder, and Musick work hard on BFP.





# F DITCH DAY F



**Historian**  
Corinne Gilliam

**Unofficial Assistant**  
Elizabeth Chiang

**Thanks to**  
Carrie, Jason, Biz,  
and Chris

Top: Lisa, Ed, Bill, Brooks, Kurtz, and BJ try to remove an X-wing from Dagobah.

Jorge, Jeff, Greg, Baldeep, and Jay get ready to fire a potato cannon.

Above: The Death Star blows up (Pat and Jason's Star Wars stack).

Biz and Brian's Duke Nukem stack reads a clue.

Right: Diana, Steve, and Libby's Fred is Dead stack goes for a ride in a daihatsu.

Below: Ryan, Dan, Nita, Adam, Ryan, Mandy, and Linda surround their banner

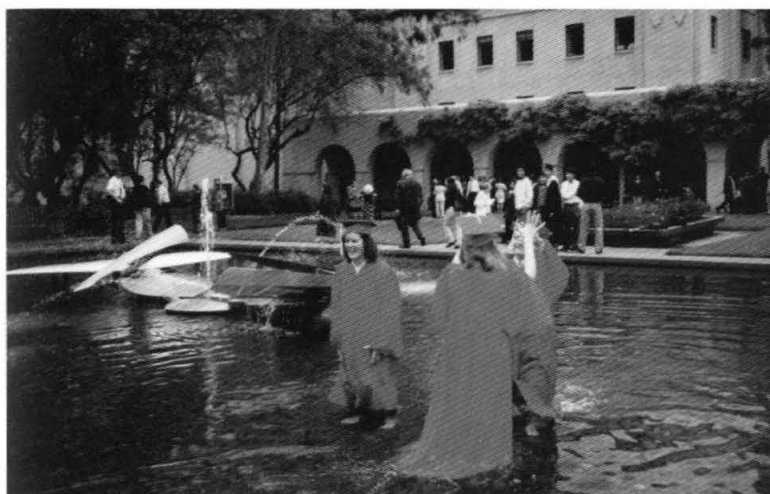
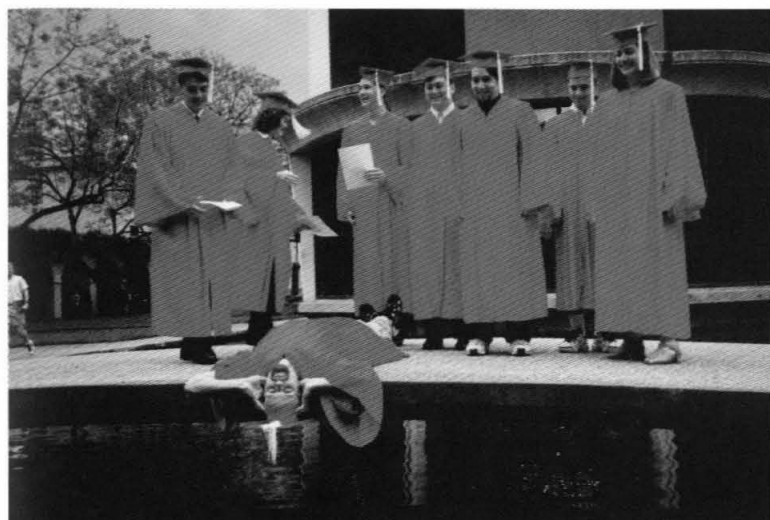
(Trey and Shumway's The Art of Espionage).

The Fred is Dead stack boards an Arts bus.





# F GRADUATION F



Back row (l to r): Brian Monroe, Chris Bisbee, Tim Yarnall, Julius Su, Scott Mandelsohn, Katie Stofer, Donnie Pinkston, Diana King, Libby Mosier, Steve Glista, Albert Chiu, Brian Barris, Harmesh Lad, Brian "Trey" Atwood, Nick Choly, Brad Nakatani.

Front Row: Jason Barnes, Adam Petrie, David Winkler, Patrick Jewell, Michael Shumway.

Not Pictured: Austin "Tex" Collins, Sheng Ding, Derek Farmer, Tai Lam, Ben Liau, Jorge "Pala" Palamara, Khristie Phillips, Jingxiang Rao, Evan Reed, Antonio Salazar, Kiran Shekar, Rob Sides, Evan Tsang, Cathy Vargas, Paul Vigil, Alan Yue.

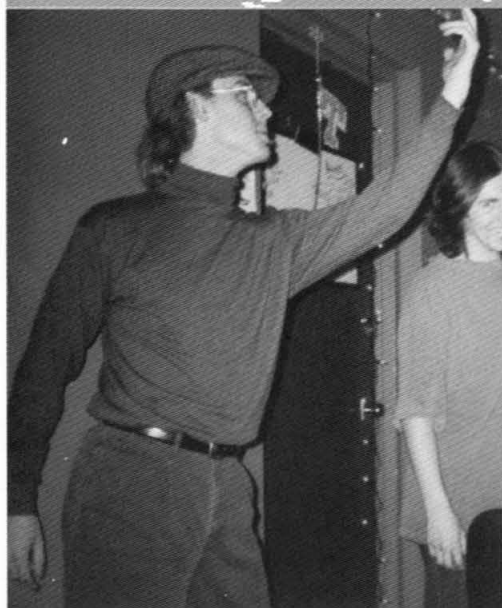


**SENIORS**

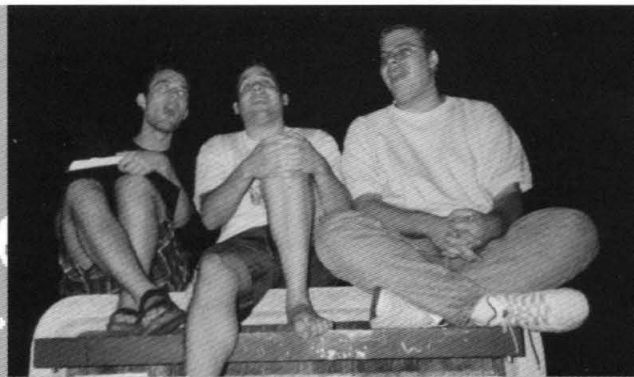




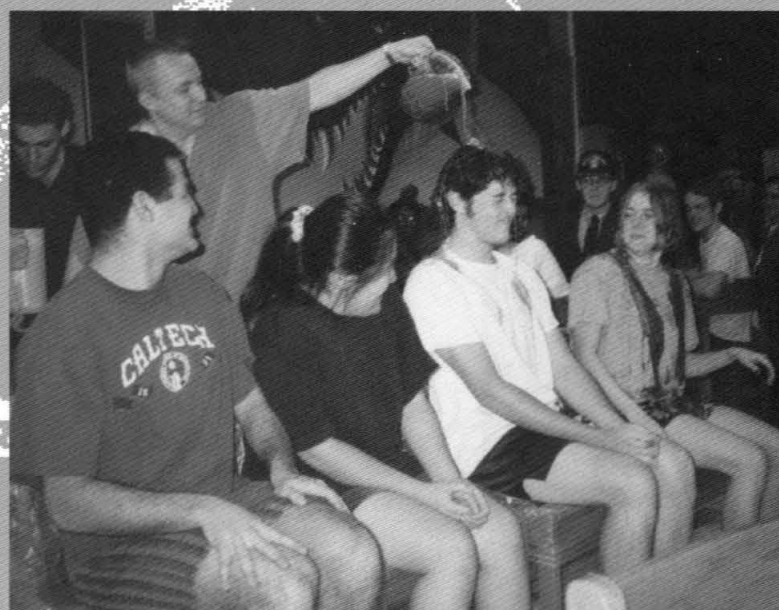
# LLOYD







# HOUSE

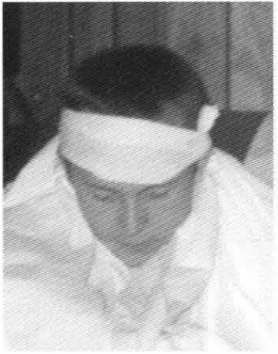




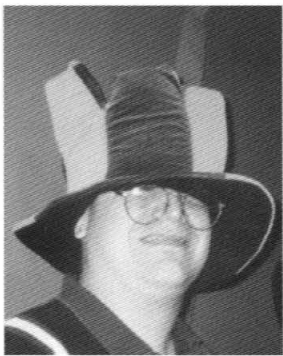
# Meet Lloyd



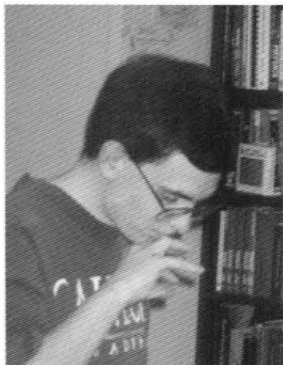
*Andy Laucius  
President*



*Tim Reed  
Secretary*



*Dave Williams  
Treasurer*



*Peter Maresh  
Superintendent*



*Freshmen: Falling-Loban Rahman, Yvette Winn, Stephen Michael Bird, Pei-Hua Hung, Samantha Bench, Laura Brogoch, Steve Craver, Eric Tuttle, Ewa Matejska, Derrick Hasterok, McHenry Wallace (Trae), Vit Hradecky, Ben Solecki, David Antonio, Matthew Reese. On the bridge-Melinda Turner, Joseph Schaeffer, Tim Elling. Floating-Travis Hime. Splashing-Dave Gagne. Holding the blanket-Chia-Jean Wang, Nathan Heick, Anthony Griffin (Andy), Dan Marrone, Jane Garrity, Mark Arnesan (Chris), Mohana Kumar, Meredith Alden, Jessica Wu. Not Pictured: Paula Whitten, Dale deBakcsy, Vlad Federov*



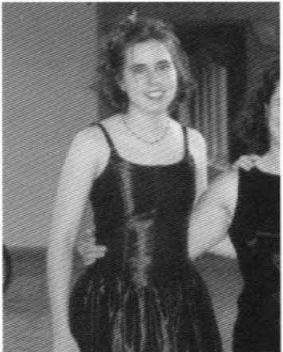


*Sophomores: Front Row: Kathryn Hill, C.J. Brown, Damian Burch, Melvin Leok, Sandip Darji, Michelle Armond, Alan Rosenwinkel, Selwyn Scharnhorst. Back Row: Peter Frasier, John Hatfield, Tim Reed's arm, Chris Eppstein, Roussislava Zaharieva, Keshav Dani, David Hiller, Daniel Rogstad, Stephen Shepherd, Rachel Gray, Steven Wolf, Matthew Sullivan, Amanda Schaffer, Peter Maresh, Eleanor Park, Megan Linnehan, Kevin Richberg. Not Pictured: Marc Gustafson, Eike Jens, Nathan Jones, Aaron Kuzin, Daniel Levy, Jaideep Singh, Mark Tilford.*

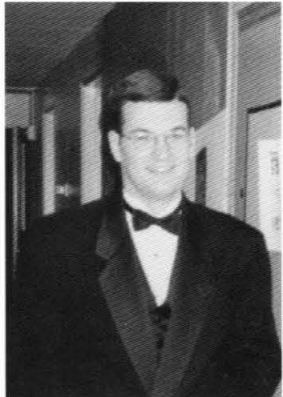
- Seniors:*
- Column One:*  
 Kristie Armentrout,  
 Blake Jones,  
 Mason Porter,  
 Jonathan Little,  
 Steve Ginzburg,  
 Wes Salzillo.
- Column Two:*  
 Jim Glore,  
 Brian Limketkai,  
 Vito Dai,  
 Alex Ihler,  
 Loius Wang,  
 Judy Green,  
 Frances Siu.
- Column Three:*  
 Kevin Bradley,  
 Andrew Silberfarb,  
 Steve Van Hooser,  
 Christy Edwards,  
 Keri Ryan,  
 Ryan Clancey.
- Not pictured:*  
 Sam Bauknight (SS),  
 Jenny Fang,  
 Jeremy Gawle,  
 Bob Keeney,  
 Andy Laucius,  
 Vincent Lin,  
 Steve Michael,  
 Ben Miller,  
 Mohammed Rizvi,  
 Maria Satterwhite,  
 Peter Wang,  
 Gary Wu,  
 Louis Wang,  
 Ben Williamson



*Juniors: Front Row: Klejda Bega, Jeremy Boulton, Cynthia Gong. Second Row: Joseph Blitzstein, Aaron Oei, Dan Muresan, Matthew Bachmann, Bret Victor, Joseph Cook, David Williams, Yongkai Ow. Back Row: Vladimir Mitsner, Charles Smith, Brian Frazier, Laura Gossett, Eric Bogs, Xavier Fan, Paul Kim, Emma Goldberg. Not Pictured: Adrienne Bourque, Aaron Higgins, Yaniv Inbar, Neema Jalali, Diana Lavelly, John Meacham, Michael Ontiveros, Kara Swedlow, Varun Tansuwan, Christian Tapus, Andre Tkacenko, Dela Tsikata*



*Michelle Armond  
 Social Director*



*Alan Rosenwinkel  
 Athletic Manager*

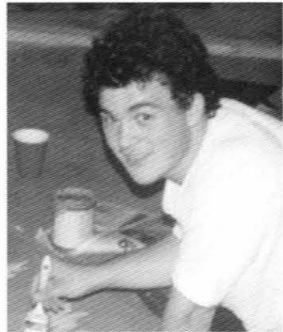
***Reps at Large:***



*Sandip Darji*



*Emma Goldberg*



*Matt Sullivan*



# Happy Holidays Lloyd!



*Top Row: Jason, Yaniv, Kevin, and Laura on Samta's lap.*

*Left: Samta scolding Pei the Elf.*

*Right: Ute and Yoda by their Christmas tree.*



*Above: Xavier poses with Jessica, who is sporting a stylish sash of Christmas tree lights.*

*Center of the page: Millikan Library during the holidays.*

*Right: Cynthia thanks Samta for her gift.*



*Above: Ellie and Steve Craver beside the Lloyd Christmas tree.*

*Bottom Row: Tim Elling, Eric Tuttle, Jit-Kee, and Wes sit on Samta's lap.*





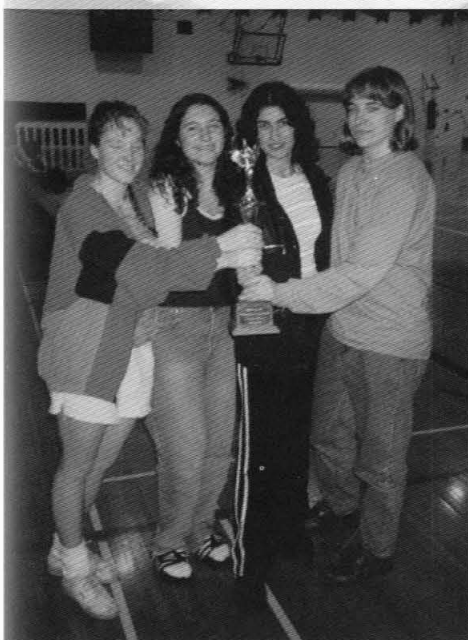
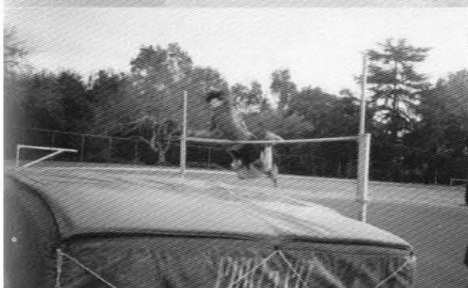
# Sports



*Above Left: Dave W., Brett, Eric B. for Tropic.  
Above: Keshav, Blake, Kristie, Loban for Virgin Islands.*

*Above Right: Dave A., Drew, Trae for Valhalla.  
Left: Blake, Kristie, Loban against Emma and Off-Campus.*

*Right: Travis, Meredith, Mason for KAOS.  
Below: Jody, Alan, Frances, Steve V., and Brian cheering and competing for Lloyd.*



*Left: Kristie, Adrienne, Klejda, and Emma take first place in Division 1 foil fencing.  
Below: The results of playing the Ride.  
Right: Sam and Travis, Kristie and Ben in a showering war.*





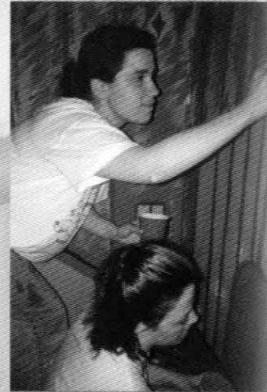
# Ditch Day



*Upper Left: Trivial Pursuits*

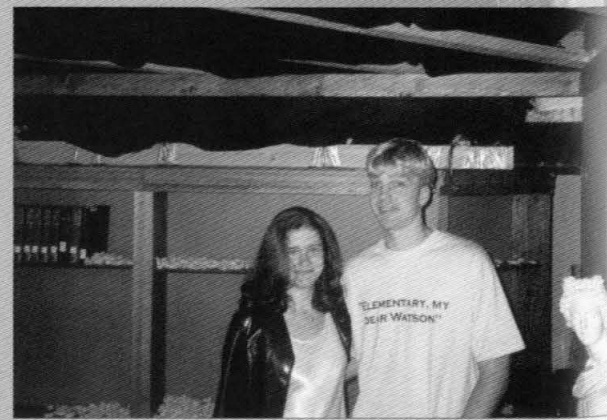
*Upper Right: The Wizard of Oz*

*Below: The Pink Panther*



*Left: Mission Impossible      Right: Concrete and Beer*

*Below: Sherlock Holmes*





# ASCIT Formal



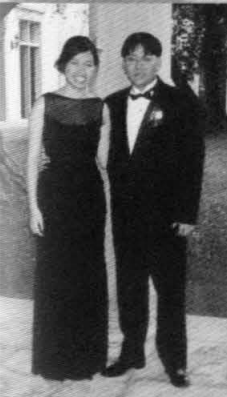
*Kevin and Frances*



*Damian and Judy*



*Kevin and Kathryn*



*Jit-Kee and Selwyn*



*Laura and John*



*Above: Group shot of Lloydies on their way to the ASCIT formal at the Wyndham Garden Hotel in Monrovia.*

*Below Left: At the formal. Back row: Judy, Michelle, Kristie, Megan. Front row: Frances, Christy, and Jit-Kee*

*Below Right: Ben pretending to be James Bond with help from Kathryn, Adrienne, and Laura.*

*Bottom: A group shot of most of the Lloyd women going to the formal.*



*Michelle and Alan*



*Megan and Steve*



*Kristie and Wes*

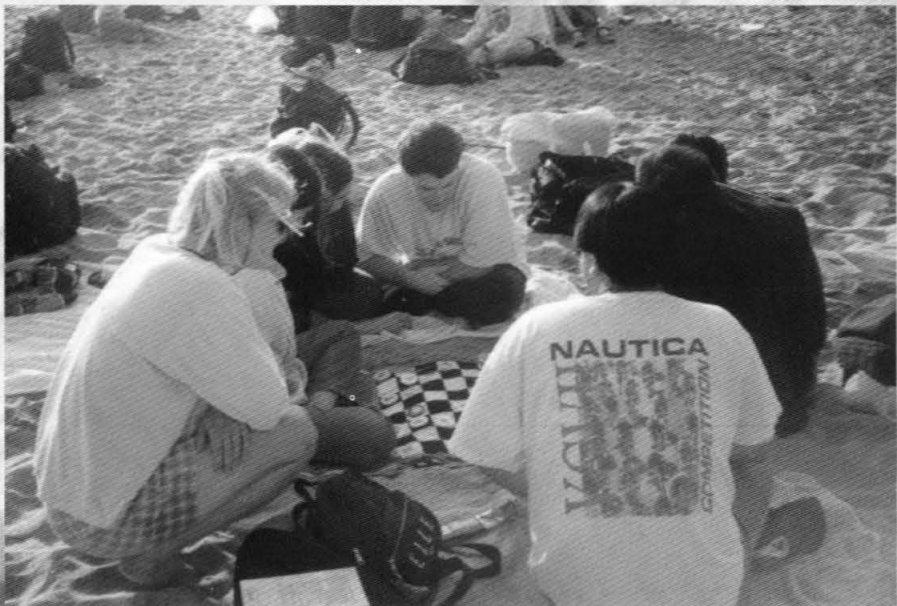
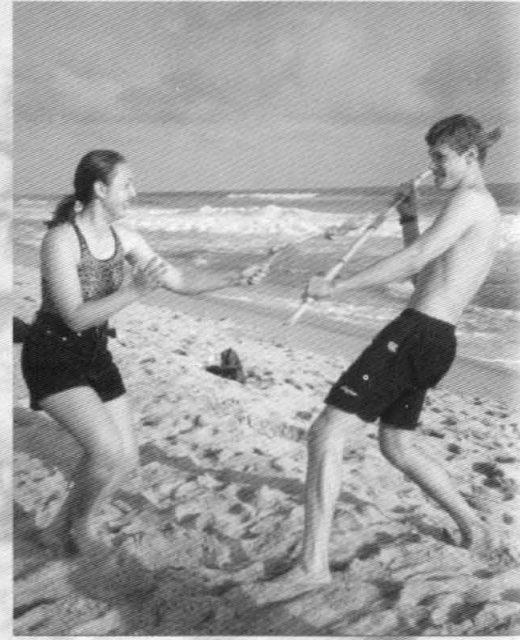




# Beach Trip

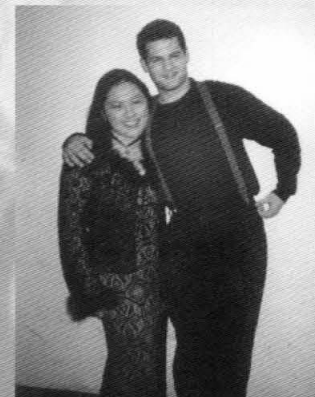
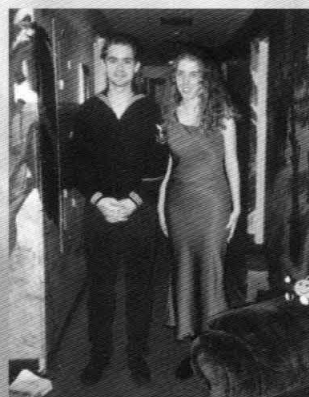
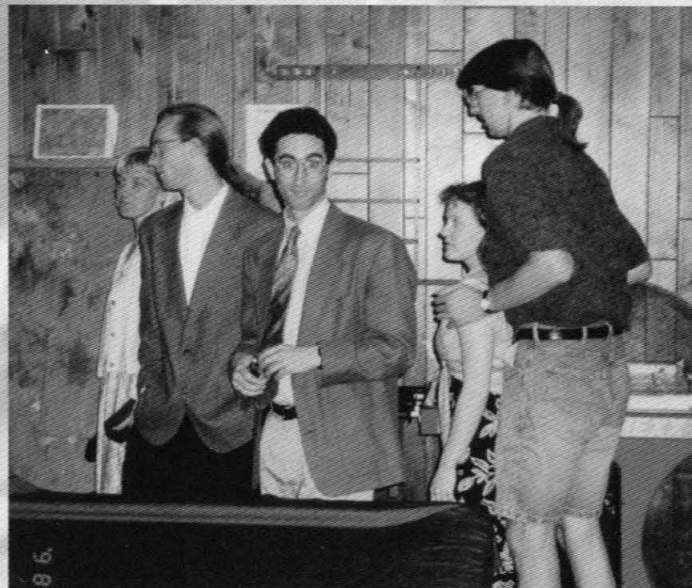


*Top Left: Lloyd House at Beach Trip.  
Top Right: Brett, Peter, and Jody.  
Left: Jit-Kee and Joe playing chess.  
Right: Ewa and Ben duel.  
Below: Maria and Kristie relaxing.  
Bottom Left: More chess.  
Bottom Right: Laura, Ben, and Jason  
look at a magazine.*





# Dressed Up



*Top Left & Lower Left:*  
Tea at the Huntington.  
*Left & Top Right:*  
Formal dinners.  
*Above & Right:*  
Apache couples.





# Embarrassment for All



*Valhalla.*



*Virgin Islands.*



*Purple.*



*Inferno.*



*KAOS.*

A  
I  
R  
B  
A  
N  
D



*Fingal's Cave.*



*Tropic.*



*Eric Tuttle attacks Jason and Brett.*



# Fun and Games



## The Big Party

### The Bomb

*Top Left: Kristie, Ryan, Chris E. and Jim construct a wall by the entrance to the party.*

*Above: Steve C. on scaffolding in the Courtyard.*

*Top Right: Ryan works on the wall.*

*Left: Ewa and Matt paint a sign for the party.*

*Right: David A. and Kristie, with Chris E. in the background*



## Casino Night

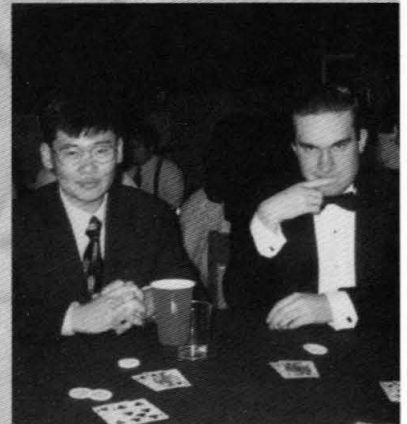
*Left: Dave H. watches Chuck and Sam play Blackjack.*

*Right: Steve G., Cheryl, and Wes entertain when the band takes a break.*

*Bottom Left: Jim plays with his Koosh Ball.*

*Below: The lounge during Casino Night.*

*Lower Right: Melvin and John playing Blackjack.*





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# PAGE

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## Lookin' For A Little...







For once, we'd probably be in less trouble if we just threw it off Firestone.



It was Koen's idea, honestly!

# Trouble...



Slappity slap, slappity slap



JP, this one's for you!



You can't spell party without T and P.



On the high seas with the S.S. Rotation Violation.

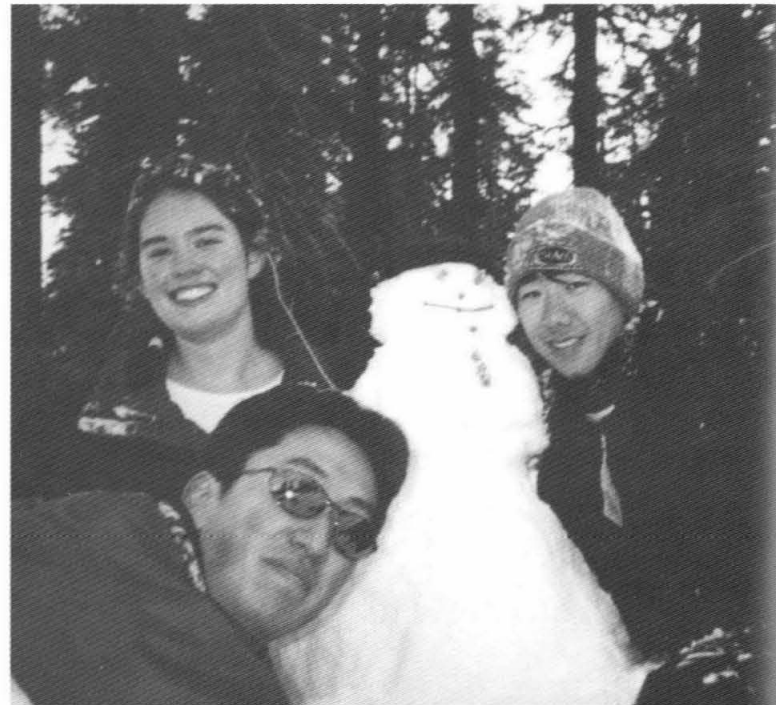


"Check out my new spankerchief!"





**CCGC!!**



**"Can we keep him?"**

**"But he's so white!"**



**Get on the bus, cuz I'm takin' you to school!**



**4 little monkeys on the river.**

# **Adventure...**



**"Yeah, I'm the shit!"**



**"Oh, shit!!"**



**Take one down and pass it around...**





Too much thinkin', not enough drinkin'.



Gettin' jiggy wid it!



Do a little dance...



The men eat while the RA cooks.



Make a little love...



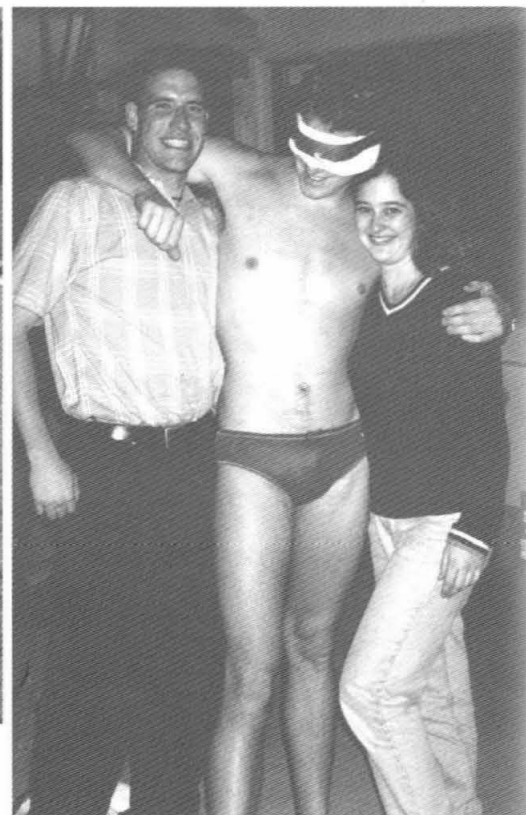
<insert dumb caption about Max's sorry Alaskan ass here.>

# Fun...

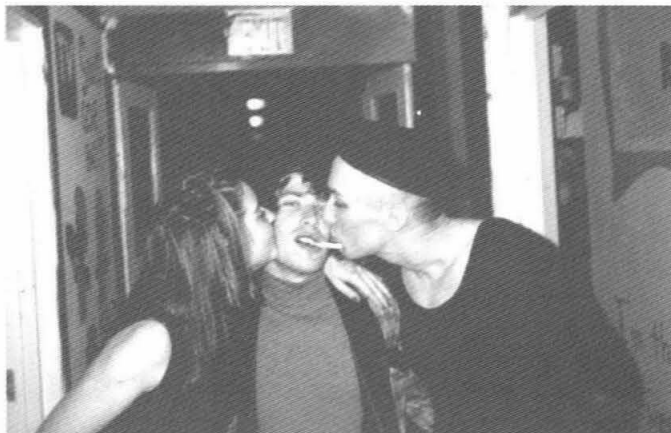
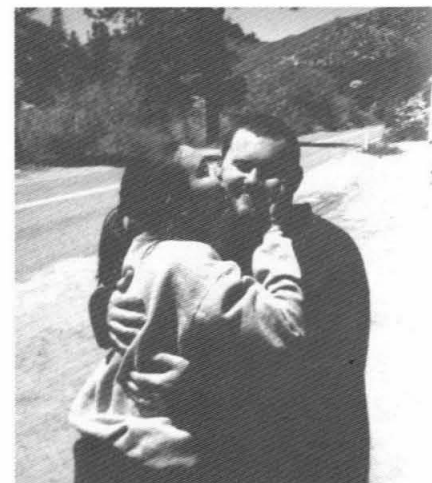
Get down tonight!



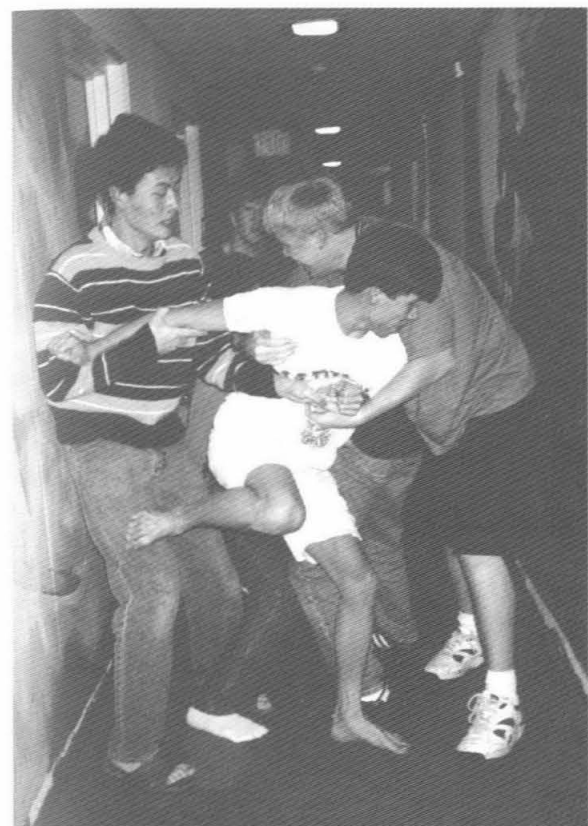
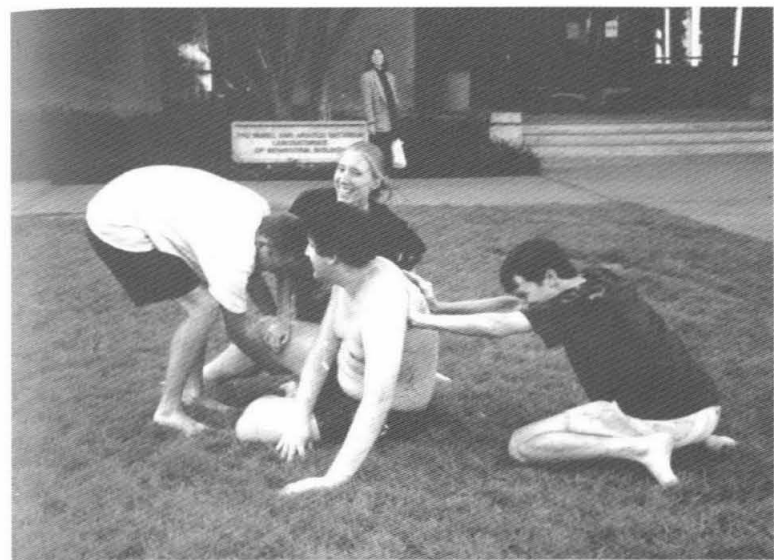




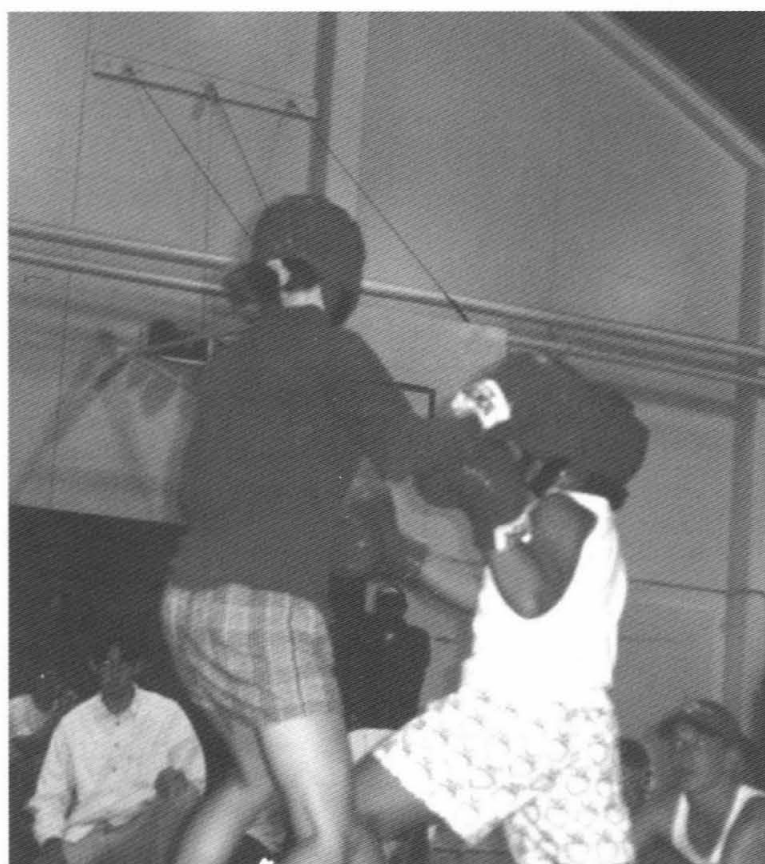
**Love...**



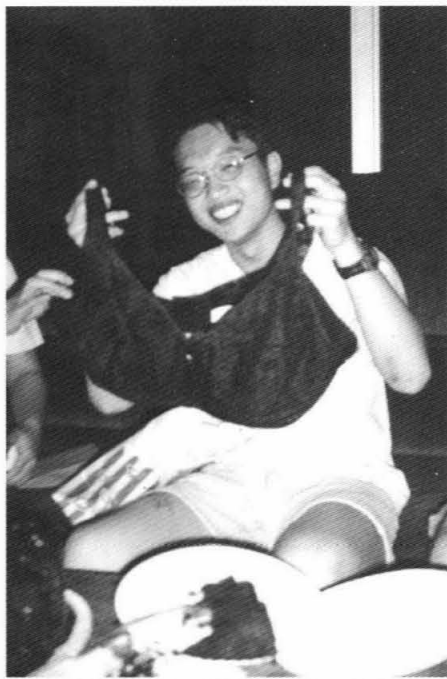




**and War...**



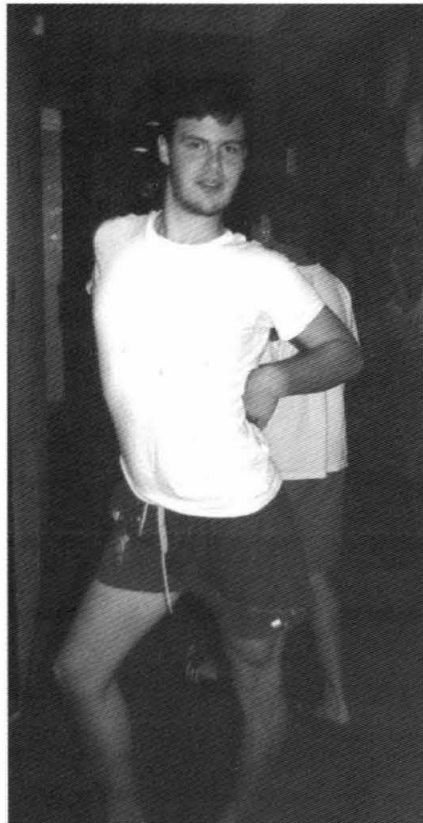




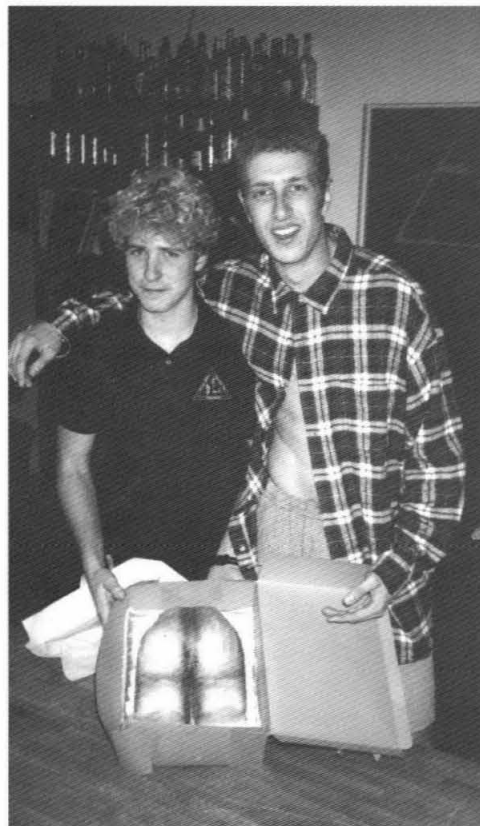
**40 FF, just like Ron's!**



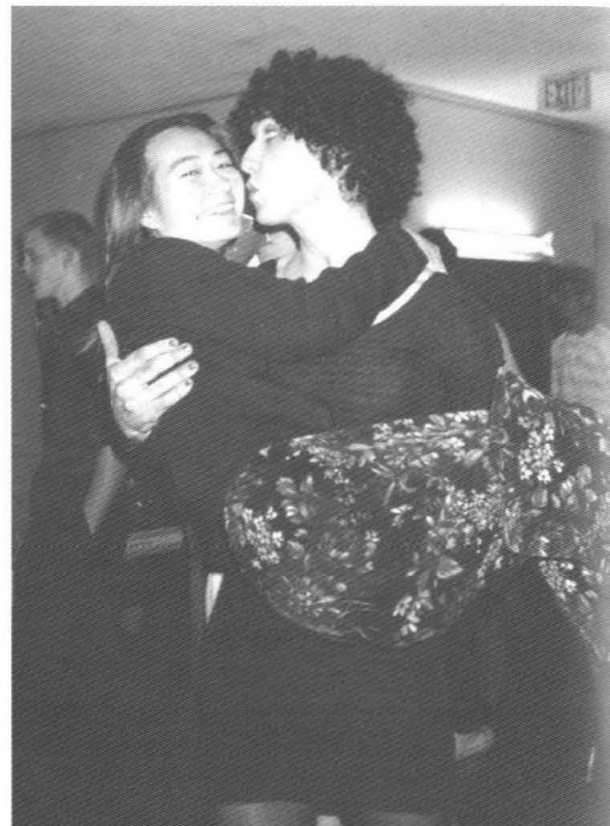
**Dennis gets his salad tossed.**



**Alan's sex change before...**



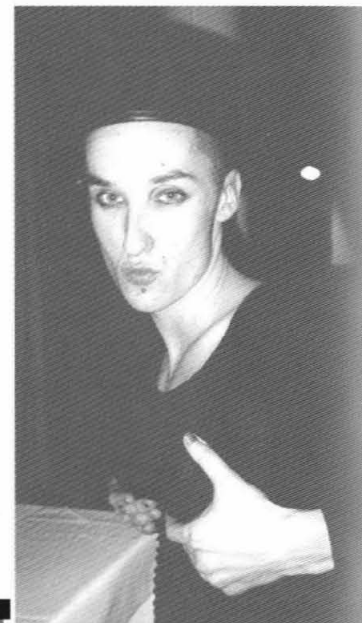
**BOCed for this one, too.**



**More surprises later to come.**



**Say No To Crack.**



**T & A ...**



**... and after.**

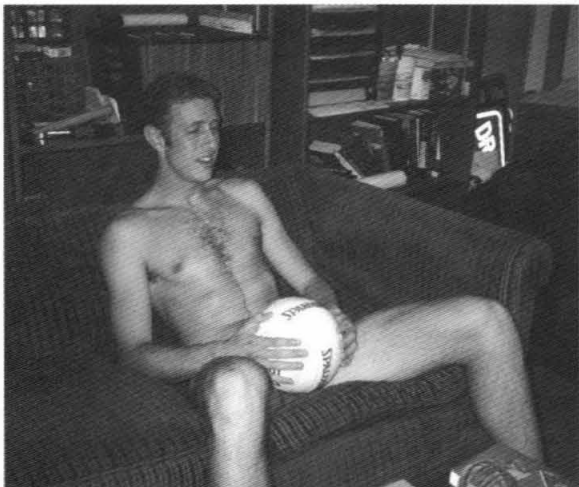


**Behind Curtain #1, we have...**





Goulet warms up his little friend.



Bump, set, spike...  
Hey, just like volleyball!



Hlgbie puts a little something  
extra in the sauce.



"I'll show you how to whip cream!"

**and  
lots  
of D...**



Mike's Real Big Fish "pokes" out.



Front to back...



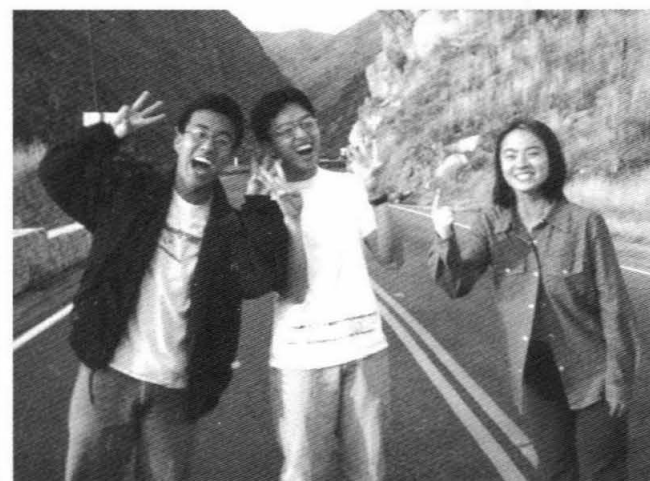
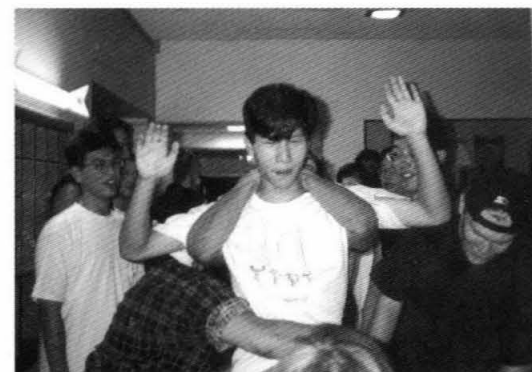
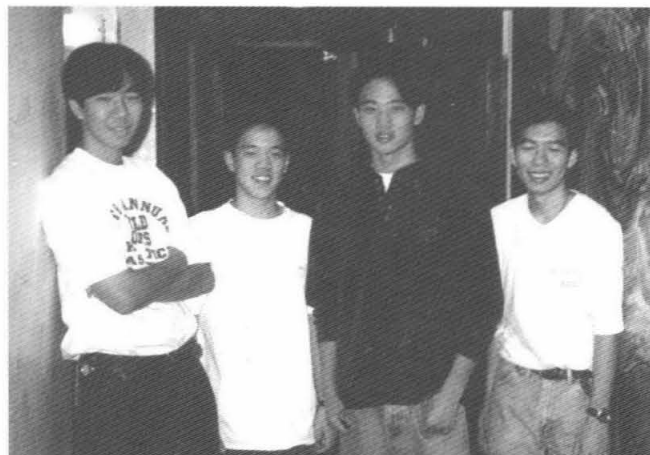
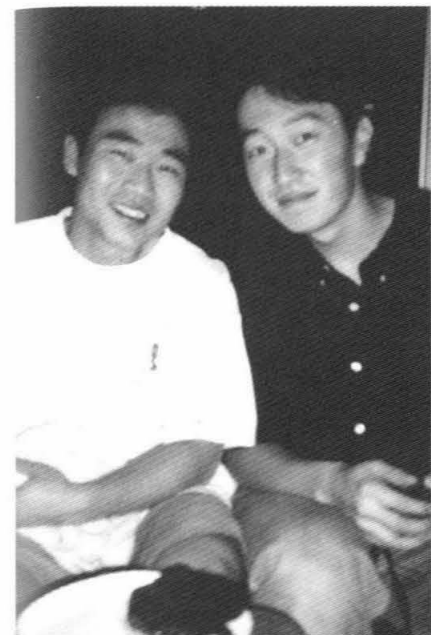
and side to side.



# What more could you ask for?







# The Social Mecca of the Western World



**FROSH**



**SOPHOMORES**



## **PAGE HOUSE EXCOMM 1998**

**Lisa Biswal, President**

**Radoslaw Osada, Treasurer**

**Erika Swanson, Sexretary**

**Marie Fox, Vice-President**

**Greg Fricke, Athletic Manager**



# JUNIORS



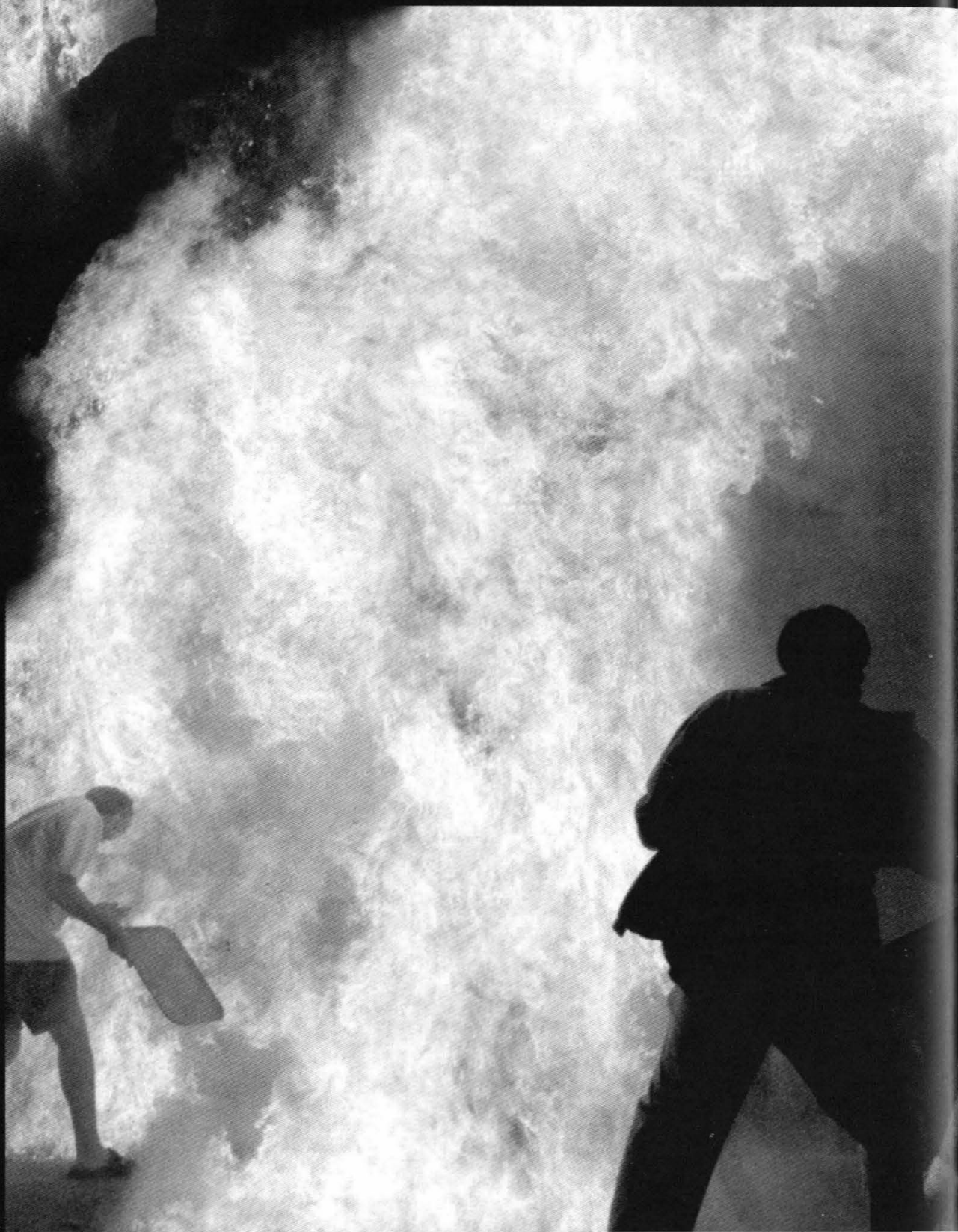
# SENIORS





# R I C K E T T S

*Roger: So... how does this work?*  
*Mike: ...on dead throw into the pot.*  
*But don't get too close.*





"I don't think the administration is being truthful here."

written by Shannon Stewman 12/12/97

### THE LAST FUCKING FIREBALL

Fireball *n.* - a fun game played by idiots and appreciated by idiots involving the creation of two story flames

Oppression *n.* - Kim West and her henchmen at Residence Life

Tradition *n.* - dead

Caltech *n.* - an institution that is slowly degrading by denying its students the traditional freedoms accorded to them

Judicious adherence to precedent and moral law *n.* - a mythology, invented by bigots, followed by the forgotten (outlawed by the French in 1943)

witness the glory of a fireball:

exuberance, joy, wide-eyed reefer grins, rampant fucking in the shower, etc. ask yourself: what is the fault in an activity whose probability of harm is much much much too small compared to its fruits?

So it was that fateful night first term, the Seurves were out in full force. There was a roaring fire in the pot. Drunken songs filled the air. I (Pankaj Mehta), upon divine inspiration, decided to complete the scene with a towering wall of flame. So I gathered some of my closest droogs (who by some miracle I am inclined to point out were sober) and fetched the sawdust. It was to be a thing of beauty as it had been the previous three weeks. We proceeded as was the custom, but alas God conspired against us (that fucking know-it-all pompous bastard). So ended a tradition. So ended fire. So ended all that was the Caltech of old, and in its place, stands an institute that has forgotten what made it so special (and where it keeps its balls).

*Pankaj Mehta*

Pankaj Mehta, Esq.

*Amit Kshatriya*

Amit Kshatriya, Ph. D. (Bullshit)

"Our advantage over the administration is that we're like cockroaches; there are always so damn many of us."

Geoff Smith 12/9/97

"If the Pot is converted into a barbecue grill, it will fulfill the current Pasadena Fire Code. The Institute should also be satisfied that the Pot is no additional legal liability, since barbecue grills are already in place in all the student Hovses, and the converted Pot would create no new source of culpability."

Ishnaferitsu  
Ricketts Hovse Secretary

"The cat and mouse game must stop."

Kim West 10/97

"[Dean Revell] apparently told [Alice] that he believes that all freshmen are forced to do a fireball as a condition to get into Ricketts."

Geoff Smith 12/8/97

"I really don't need to be caught up in any shit that comes down."

Hovse Paranoid

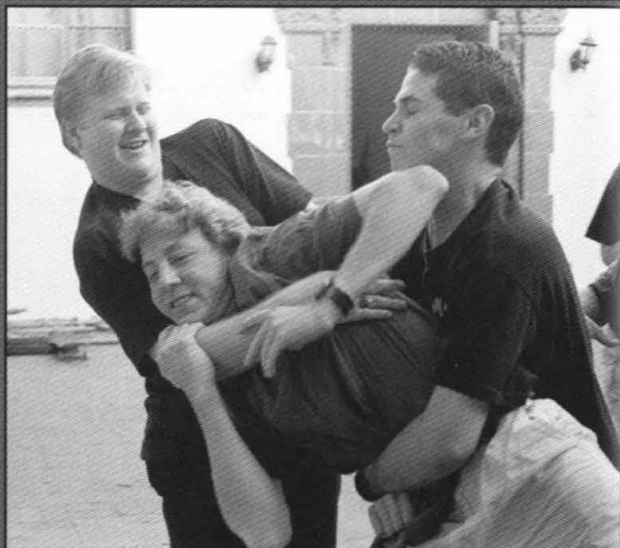
- 10/19 2am: Freshman Roger O'Brien burned by a fireball.
- 10/20 Chris Brichford, Andy Cotter, Steve McCoy, Amit Kshatriya, Pankaj Mehta, Eric Strom (PNGs) tell Kim they threw the fireball.
- 10/26 Orange County Register article about Caltech pyrotechnics.
- 10/28 Lawyer to Admin: Pot should be torn out immediately.
- 10/29 House meeting: 65-5 vote to stop fireballs.

#### Anti-Fireball Pledge:

Whereas sawdust fireballs are dangerous to perform and threaten the continued existence of the firepot in Ricketts, the members of Ricketts House agree that: Henceforward, we will no longer participate in fireballs and will stop fireballs from being performed as strongly as we would stop any Honor Code violation. We will make new members aware that fireballs are not allowed in Ricketts.

- 11/03 PNGs individually interrogated, threatened with expulsion.
- 11/06 Only wood fires allowed in the pot.
- 11/07 Lawyer to Geoff: Denies recommending expulsion or pot removal.
- 11/13 PNGs PNGed for the year.
- 11/15 Pot removal scheduled for 12/18/97-1/03/98.
- 12/08 Pot removal postponed.
- 12/13 Security to stop all fires.
- 01/12 BBQ grill alternative proposed.
- 07/18 Fire Policy Committee to make a recommendation."



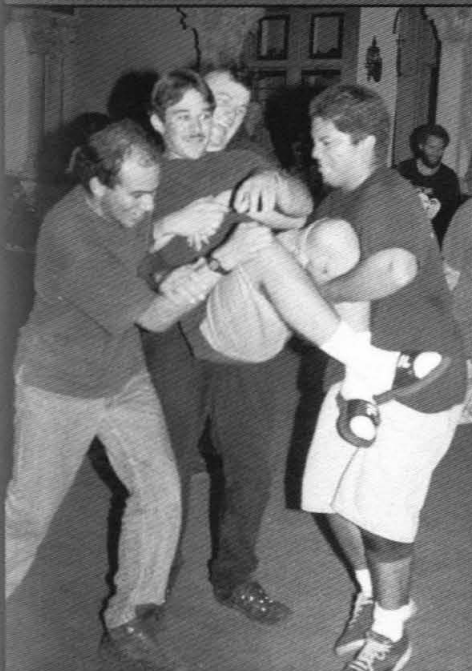
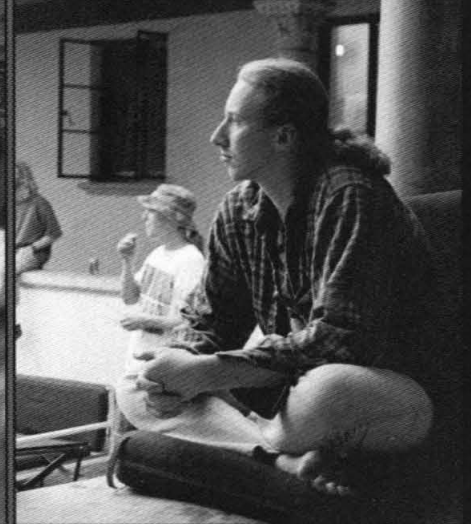


*Freshman Class: Back - Adam Scott, Owen Afreth, Lexi Baugher, Aspen Richter, Irina Mikhaylovskaya, Lawrence Wang, Jon Penoyar. Middle - Dave Zaragoza, Rik Williams, Roger O'Brient, Martin Gaitan, Shannon Stewman, Lu Gan, Peter Nguyen, Michael DeSalvo, Katy Isaacs, Kevin Babcock. Front - Yann DeGraeve, Christoph Baranec, Peanut McCoy, Ben Gudlewski. Not Pictured - Roxanna Sadri, Ryan Schram, Liz Verschell. 1st Row: Cohen-Tannoudji slips Dave Hammond a roofie; Dustin Green leads initiates Aspen, Liz, Katy, and Cynthia; Martin Gaitan prepares to face Rob and Andrew Casteel. 2nd Row: Jon Penoyar paints 16 A; Dave Blau, Keith Peters, Shay Chinn, and Tshy shower Kevin Babcock; Eric Strom and Tshy grab Rik Williams. 3rd Row: the Jons with a furniture fort; Christoph resists Juan Nuno, Terry Moran and Andrew Casteel.*

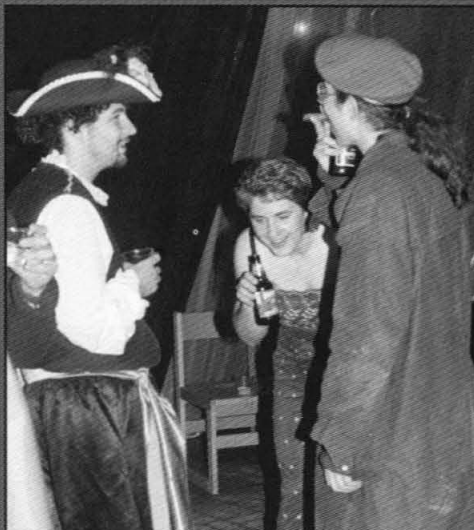




1st Row: Geoff Smith, Shannon Stewman; Kohl Gill whips the frosh into shape. 2nd Row: John Penoyar, Kim Harle; Pankaj Mehta, Marrq Ellenbecker, Andy Cotter, and Pat Higgins ambush frosh; Geoff, Mike Astle, and Rob Saliba write haikus for the Frosh Camp skit. 3rd Row: Jon Leong scales the walls; Roger O'Brient, David Zaragoza, Lu Gan; Marrq surveys the courtyard. 4th Row: Martin Gaitan and Rob Saiba shower Ryan Schram; Juan Nuno, Adam Scott, and Ben Gudlewski enjoy Coke at the initiations dinner.

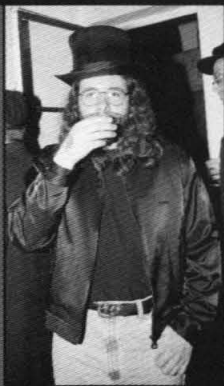




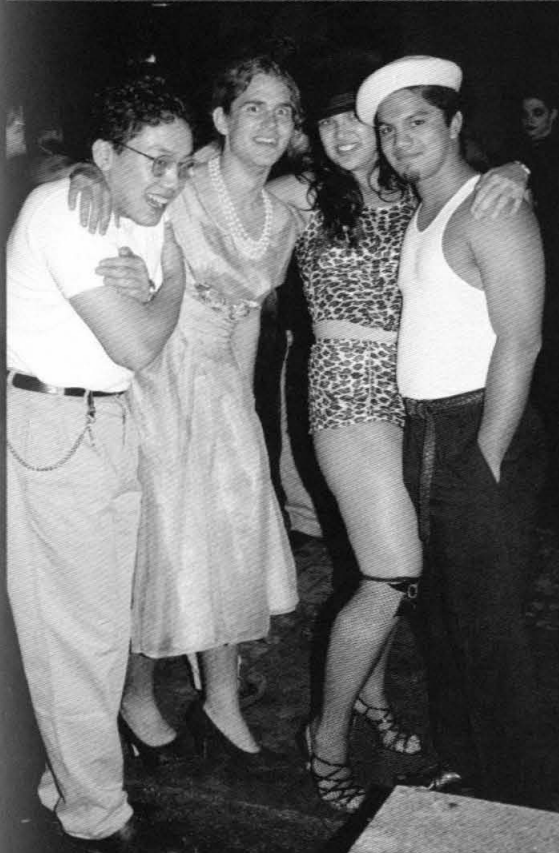


1st Row: Michael Smulski and Sara 'Beaber; Marrq Ellenbecker and Lexi 'Baughter play with duct tape; Measurer Yann 'DeGraeve and Calculator Lexi 'Baughter confirm that Kim Harle, Sean Mauch, and Jing Xu come in second, after Cynthia and Andrea Hasenstaub. 2nd Row: John Grossman; Geoff Smith watches Work Frosh Rik Williams; Juanita, Andrea, Tulip Gudlewski, Kevin Schulz, Kevin 'Babcock and Christoph 'Baranec; Jasmine and Cate Gifford. 3rd Row: Sara 'Beaber and Angie Han; Liubo 'Borissov and Angie Han guard the door; Matias Eljovitch, Lisa O'Rourke, and Jason 'Briceño; Rik Williams is Ladder Frosh.





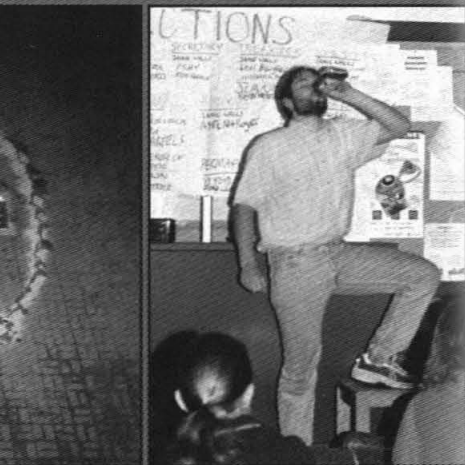
Left Page--4th Row: Social Veep Ryan McCorvie and Jason Briceño light up; Cynthia Gong and Jasmine; Sarah Sanders and Matt Vanderzee. This Page--1st Row: Angie Han and Rob Johnson; Dustin Green; Veronica Savu and Kohl Gill in the Garter Contest; Ying Tian. 2nd Row: Cliff Ellgen and Kevin Schulz; Owen Afreth, Lori Hsu with Andrea in liquid latex; Ryan McCorvie and Kim Harle; Sara Beaber.



3rd Row: Yann DeGraeve as a tunnel guide; Cate Gifford with Jing Xu in her "The Fifth Element" inspired athletic tape; brute squad member Roger O'Brient in L.A. County Jail orange. 4th Row: Peter Nguyen, Peanut McCoy, Cynthia Gong, Martin Gaitan; Michal Smulski and Leona make such a cute couple; 20's style John Grossman and Lael Erskine. Last But Not Least: Jasmine Sekanina's killer 7.5" heels.

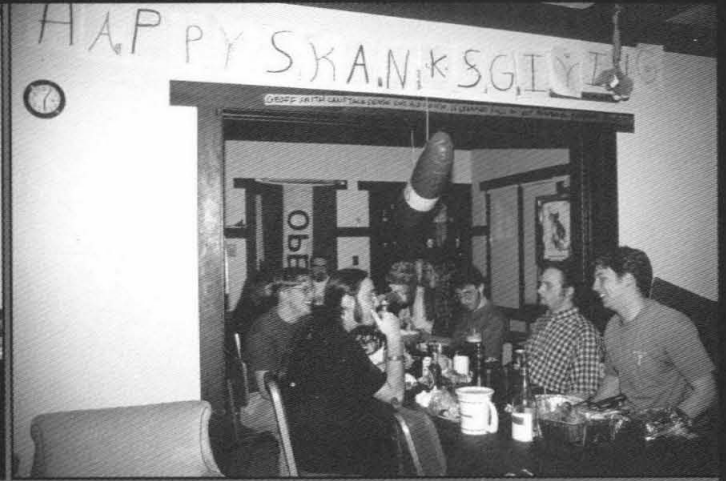


1st Row: Cate, Amit, Jason Briceno, Pankaj; Christoph easily holds Jing Xu at bay. 2nd Row: Geoff pays the (pickle juice) price for attempting to change dinner time; Andy Cotter and Cynthia enjoy themselves at Frosh Tag Team Wrestling; Pyros Kevin Schulz and Ishy; Chris Brichford runs for H'PKQM. Facing Page 1st Row: Andrew Casteel; Juan and Jason Sekanina; Jim 'Buckwalter, Mike, Andy, Oran and Jeff celebrate Thanksgiving at Hazzard, 'Ricketts' new off campus housing. 2nd Row: Mike (one of the new student bartenders) mixes a martini at the Lunacy Ultralounge; Kiran and Cynthia; Jed, Steve and Shawn eat at Chuck-E-Cheeze with Yassar "Skeeball Wizard" Abu-Mostafa. 3rd Row: Peter Nguyen and Lu Gan square off; Andrea Hasenstaub feels no pain.



Sophomore Class: Back - Andrew Casteel, Kim Harle, Amit Kshatriya, Eric Strom, Brian "Ishnaferitsu" Patton, Oran Switzer, Keith Peters, Pankaj Mehta. In Pot - Andy Cotter. Front - Alex Slivkins, Kevin Schulz, Catelyn Gifford, Kat Oseen-Senda, Rob Saliba, Patrick Higgins, Steve Chung, Kamran Vakili. Not Pictured - Alice Medvedeva, Angie Han, Haliza Nik-Hassan, Josh Straban, Myra Interiano, Olga Russi-Roman, Onureena Banurjee. Right: Liz, Kat, and Kevin Schulz watch as Jason Sekanina harasses Ishy; Myra Interiano gazes at the writing on her walls.





Junior Class: Top - Jason Briceno, Mike Astle. Middle - David Hammond, Leon Torres, Ryan McCorvie, Toby Bartels. Bottom - Kevin Hickerson, Cynthia Gong, Chris Brichford, Juan Nuno. Not Pictured: Andrea Hasenstaub, Jeff Clinton, Lisa O'Rourke, Marq Ellenbecker, Matt Vanderzee, Shawn Watts, Shayan Mookherjee, Steve McCoy, Uri Eden. Right: Michael DeSalvo swings from the ceiling as Jed Wing, Shannon Stewman, Kevin Carle, Martin Gaitan, Kohl Gill, Dustin Green, John Grossman, Lael Erskine, Kiran Shekar and Brandon await the Housemeeting.



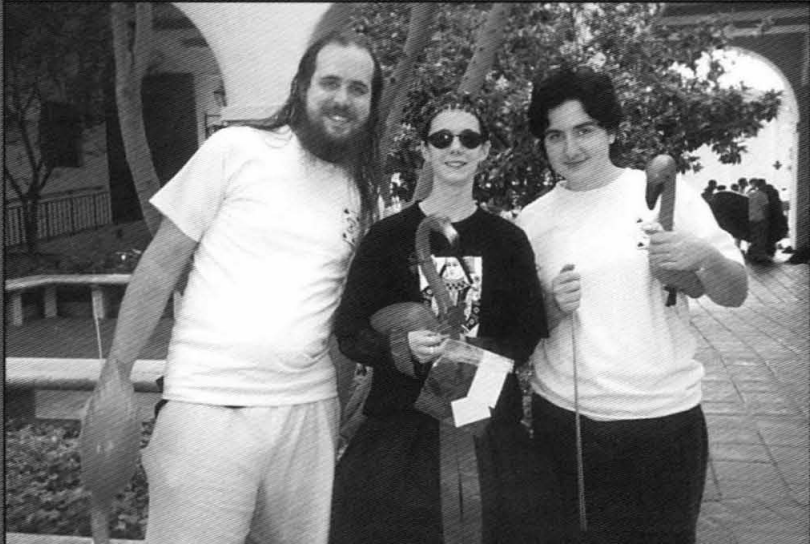
1st Row: Ishy, Kevin launch water balloons; Pankaj entertains Josh before departing to play BattleTech with the rest of Michal Smulski and Rob Chen's "Church of the God Emperors" stack; the "God Emperors" stack on patrol, infant in tow. 2nd Row: Liz Verschell; Dave bullies Dean J.P. "You have rocks in your head" Revel; the "Paranoia" stack at work. 3rd Row: Ishy, Leon, Juan and Steve Chung handle stereo equipment as part of Jason Sekanina, Dustin Green, Jing Xu and Sean Mauch's "Highlander" stack.





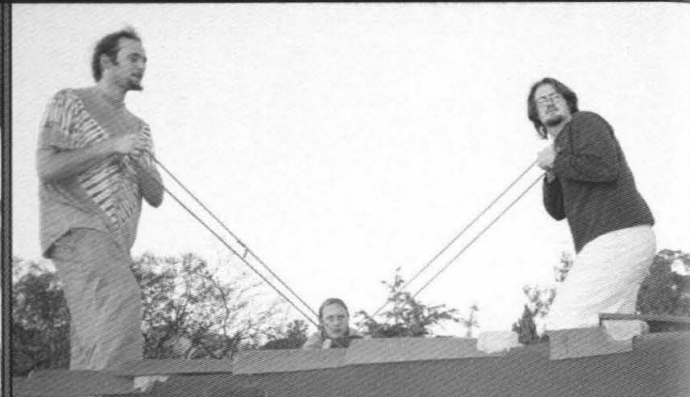


1st Row: Cate doesn't like babies; Sara and Lael relax during ditch day. 2nd Row: I'm sorry. You're not cleared for that, Citizen; Ryan McCorvie takes his happy pills in Geoff Smith, John Grossman and Kevin Carle's "Paranoia" stack; Toby and Lisa pose with the Queen of Hearts, part of Barbara Novak, Lael Erskine and Sara Beaber's "Alice in Wonderland" stack. 3rd Row: Pat Higgins downs a frosty one; Andrew Casteel; the "Paranoia" stack's alien ship; Kat and Rik examine "The Kiran and Kohl Stack". 4th Row: Pat, Andy and Amit live the good life by Throop; Kohl Gill and Kiran Shekar receive some unsolicited social commentary compliments of Andrew and Kim during one of two ditch day fakes; Shawn Watts finds a new use for Vinnie's head, part of Erin Lynch and Jed Wing's "6 Tons" (of concrete) stack; . Facing Page, 3rd Row Continued: Adam Scott; Troubleshooters Yann, Shannon, Andrew, Oran and Jon Leong. 4th Row: "The Highlander" and "God Emperors" stacks face off; Eric Strom holds Vinnie's head.





1st Row: Alex Slivkins, Kevin Hickerson, Adam Scott, Ivett and Kevin Babcock at dress dinner; Oran Switzer and Andrew Casteel help Keith Peters with the funnelator. 2nd Row: Marry Ellenbecker swings over the pot; Kevin Babcock bowling with Lloydies for PC'DE; Lael Erskine. 3rd Row: Shawn Watts puts his wiener in the mashed potatoes; Yann DeGraeve, Mike Astle, Cate Gifford, Amit Kshatriya; Peanut McCoy and Pankaj Mehta moon Texas after a trip to Mardi Gras. 4th Row: Myra Interiano and Angie Han talk with Michal Smulski; 'BQ in the Pond.







**Seniors:** On Pot - Lael Erskine, Sara Beaver, Jing Xu, Jason Sekanina, Kiran Shekar, Dustin Green. **Back Row** - Terry Moran, Geoff Smith, Ying Tian, John Grossman, Barbara Novak, Jim Pierce, Brandon VandeBrake, Michal Smulski, Liubomir Borissov. **Front Row** - Sarah Sanders, Shay Chinn, David Blau, Myfanwy Callahan, Richard Yeh, Wei-Hwa Huang, Jed Wing, Rob Chen; **Kneeling** - Advokita Stude, Erin Lynch. **Not Pictured** - Sudipta Bardhan, Kevin Carle, Boris Dimitrov, Kohl Gill, Evan Hurowitz, Robert Johnson, Emil Kartalov, Sid Padmanabha, Jennifer Wang, Eileen Wexler. **1st Row:** Jon measures Ryddock's windows; caroling in Dabney; Keith Peters scores. **2nd Row:** Andy, Steve, Josh, Pankaj and Pat mosh; Dave bowling with Lloydie; Terry breathes fire. **Left:** Rudy; Jed Wing is a sexy, sexy man.

Photography by Dave Hammond, Erin Lynch, Roger O'Brient and Aspen Richter. Layout by Dave Hammond, Erin Lynch and Aspen Richter. Special thanks to Aspen Richter and all those who contributed 'Ditch Day' pictures, from 1996-1998 Historians Dave Hammond and Erin M. Lynch.



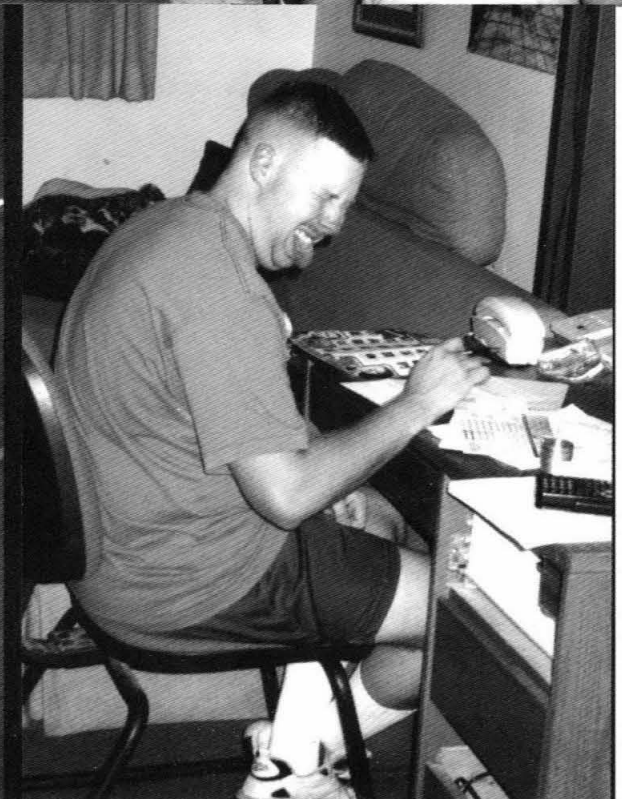
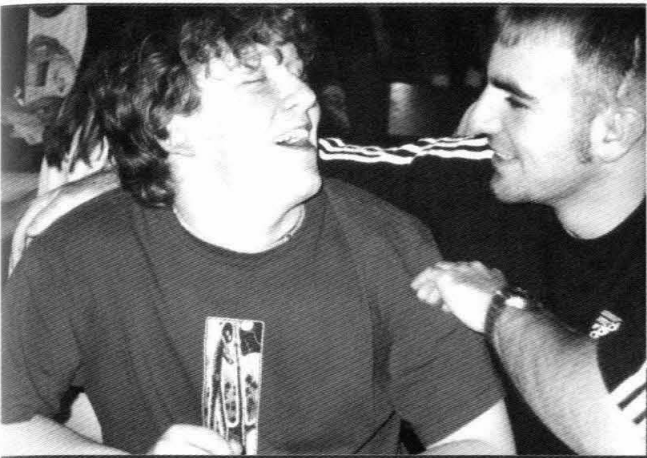
Good evening, and welcome to

# Ruddock House



Nine out of ten donkey trainers agree:  
**Ruddock House *Kicks Ass!***

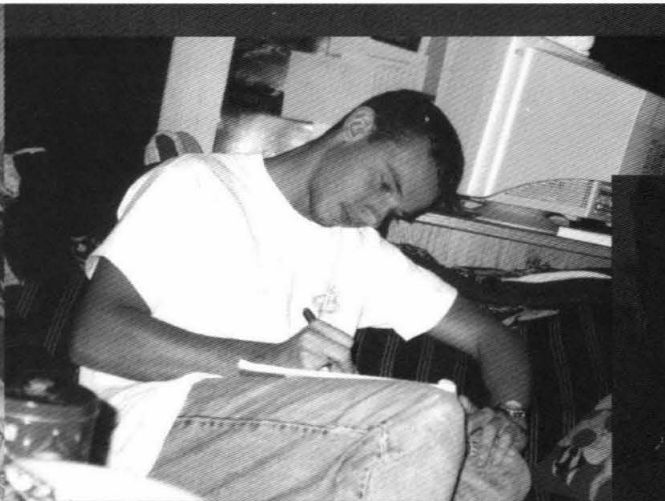




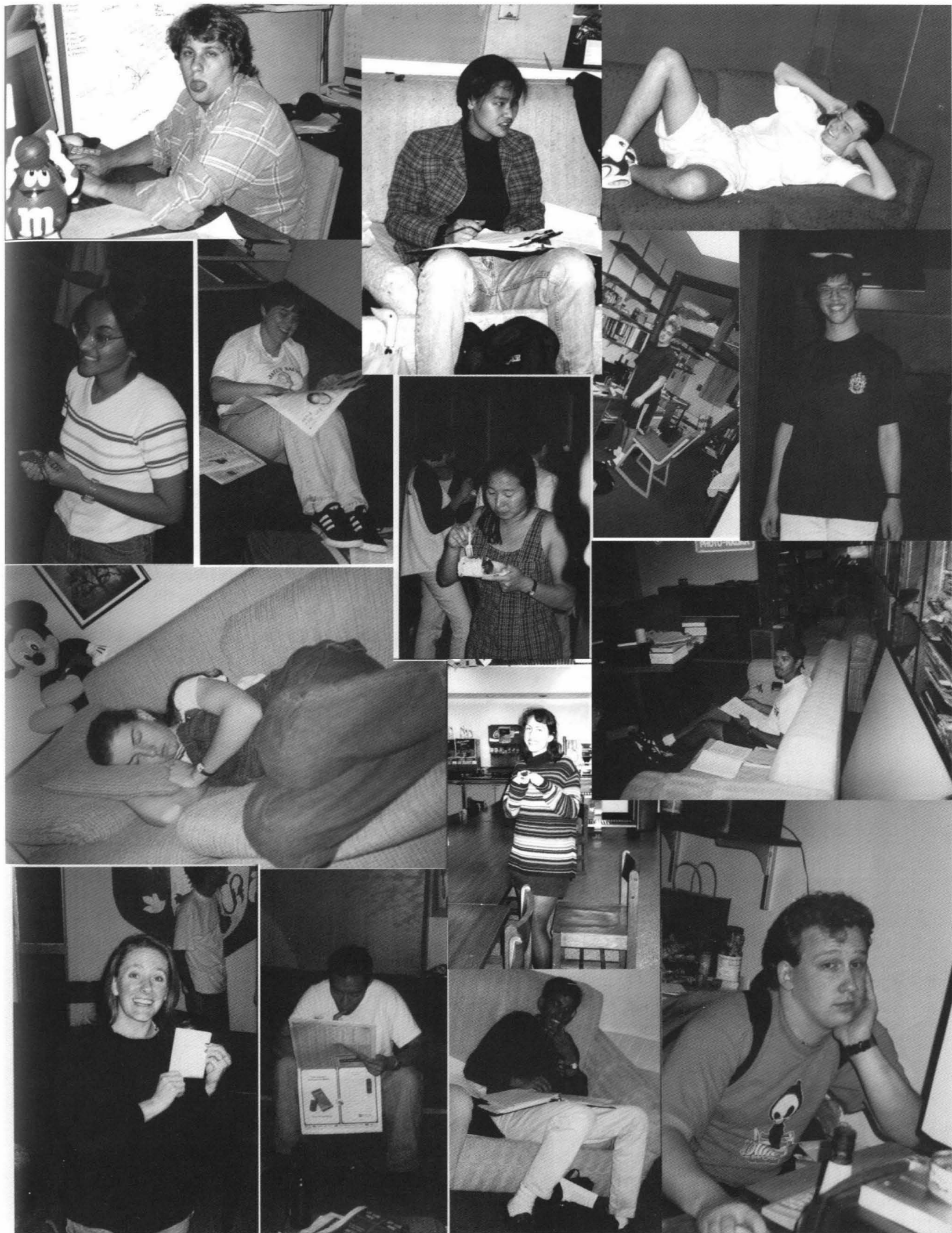




## Rudds in *In*action









*silly*

*Frosh*



Top : Carrie Shilyansky, Elitza Maneva, Denis Shcherbakov, Neil Reeves, Aren Heinze, Naru Sundar, Peter Gerdes, Amit Kenjale, Ali Soleimani, Sarah Wantoch, Steve Schell, Lefty Tretten, Orkun Akin, Wook Hwang, Tanim Islam, Dave Hockaday  
Middle : Erik Dill, Geoff Meissner, (David) Fang, Harry Kao, Kenneth Kuo, Pat Nercessian, Ron Siu, Benson Muite  
Front: Jason Chua, Jason Meltzer, Albert Shih, Helen Claudio, Jenny Ives, Faria Chowdhury, Trisha Sando, Nathan Stein, Amy

## <sup>Duella</sup> *Tall Smores*



Top: Scott Bruce, Russel Howe, Anthony Ho, Kartik Srinivasan  
Middle: Chris Miller, Sam Chung, Vivek Mathrani, Peter Plavchan, Wil Sharp, Tosh Ohtake, Joe Haas, Danny Abrams  
Front: Marc Favada, Aron Meltzner, Angie Shum, Kanwar Kahlon, Audrey Lee, Hanna Kim, Katie Noyes, Svjetlana Miocinovic, Stefan Kazachki, Jay Turner, Jeremiah Smith, Kevin Franklin, Jamie Bresson



## *Illustrious Juniors*



Top: Matt Dawson, Jacques Frechet, Alan Lewis, Nasim Afsarmanesh, Joe Fouche

Next: Jian Ye, Alan Jones, Caleb La Vergne, Ben Freeman, Victor Huang, Richi Gilmore, Minoree Kohwi

Next: Tanya Tickel, Hanna Cai, Daisy James, Teo Der-Stepanians

Front: Ryan Dieckmann, Leigh Engen, Carl Anhalt, Steve Na

# VICTORIOUS SENIORS

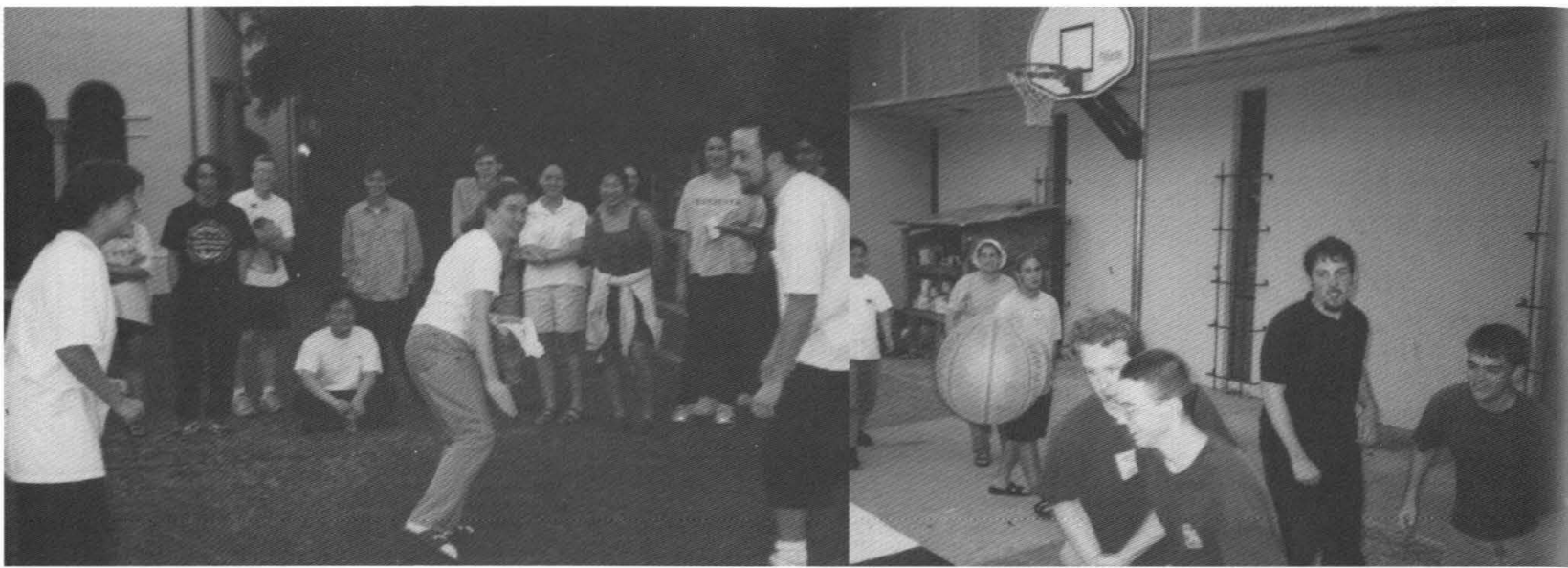


Top: Lee Rumsey, Alejandro Ortega, Jeremy Mans, Mike Michrowski, John Reese, Sam Li

Middle: Jim Turner, Sean Suchter, Michelle Miller, Louis Thomas, Jerry Huang, Dazhi Chen, Ed Yu

Front: Heather Ryan, Josh Sacks, Emily Ho, Natsuko Kagawa, Amy Zheng, Mingjing Huang, Umesh Bhandry, Hiroshii Ishii

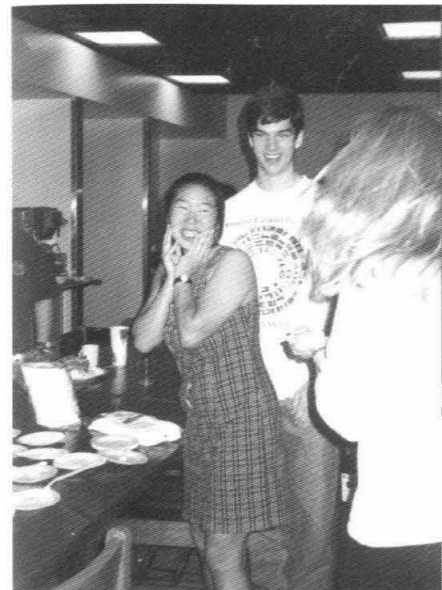




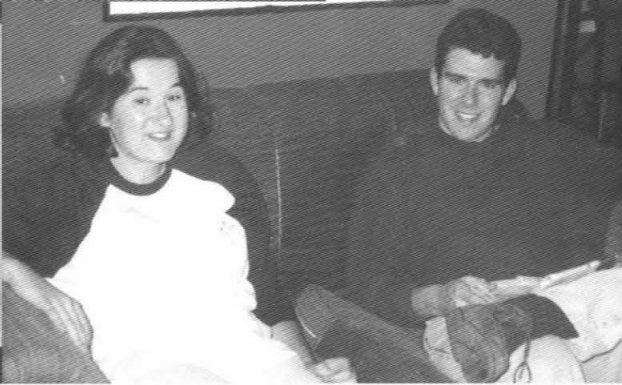
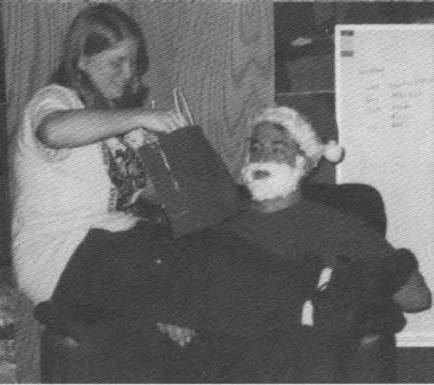
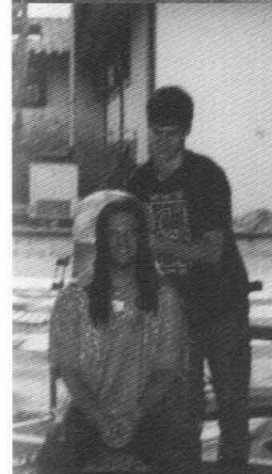
# The Ruddock ASS Machine







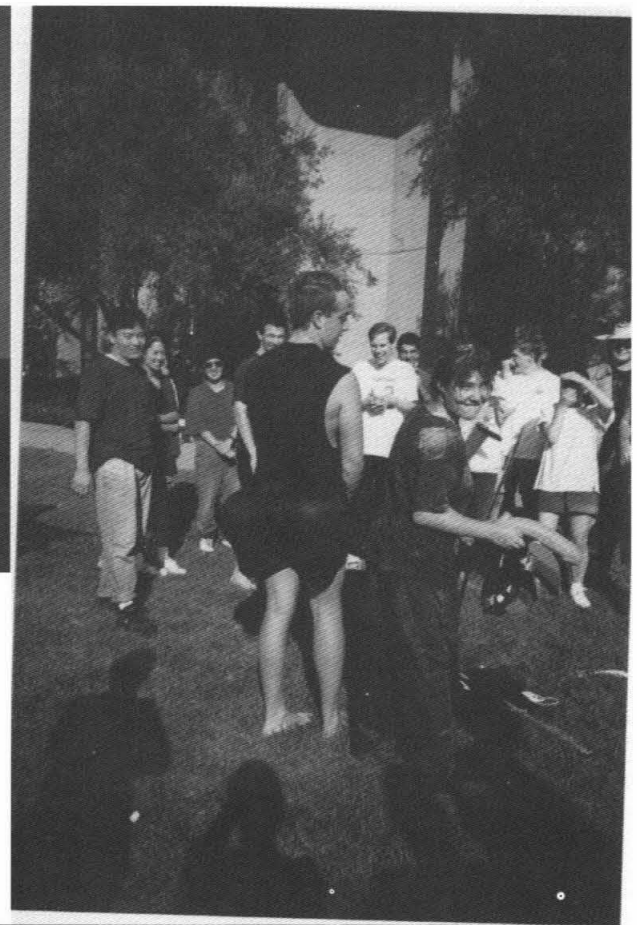
# The page of **STUFF**



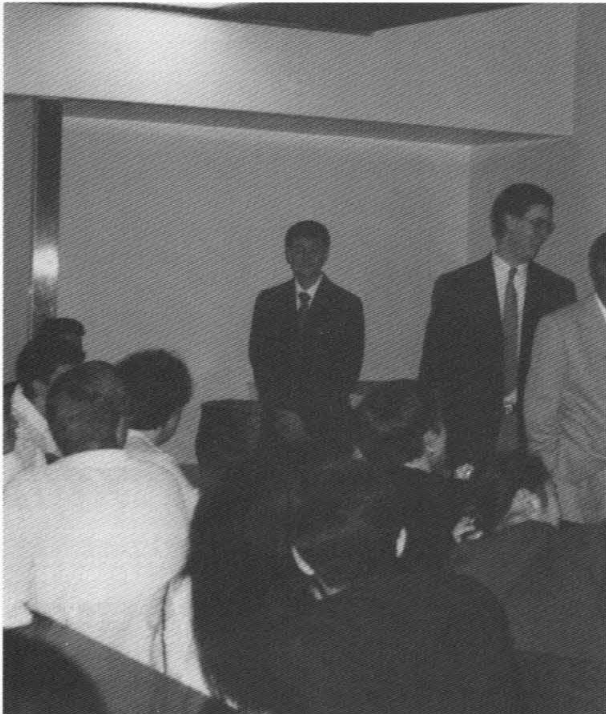




Alley 1



Oh, my  
Gawd. Look  
at his butt. It  
is sooo big!



Alley  
6's  
scab  
UCC

Perhaps  
blending  
donuts and  
milk was a  
bad idea.



Alley 4

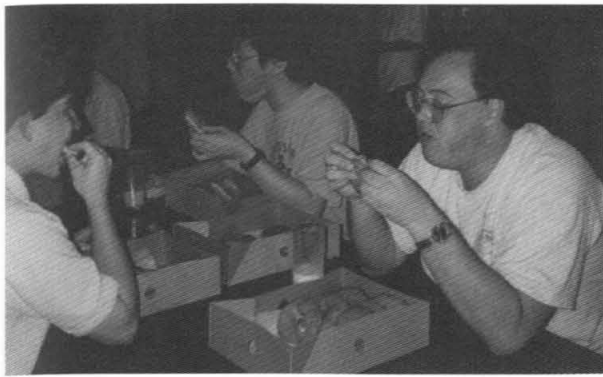


164 Ruddock

The military dictator of Alley 5







A way to make Minoree like Tanya



Alley 2



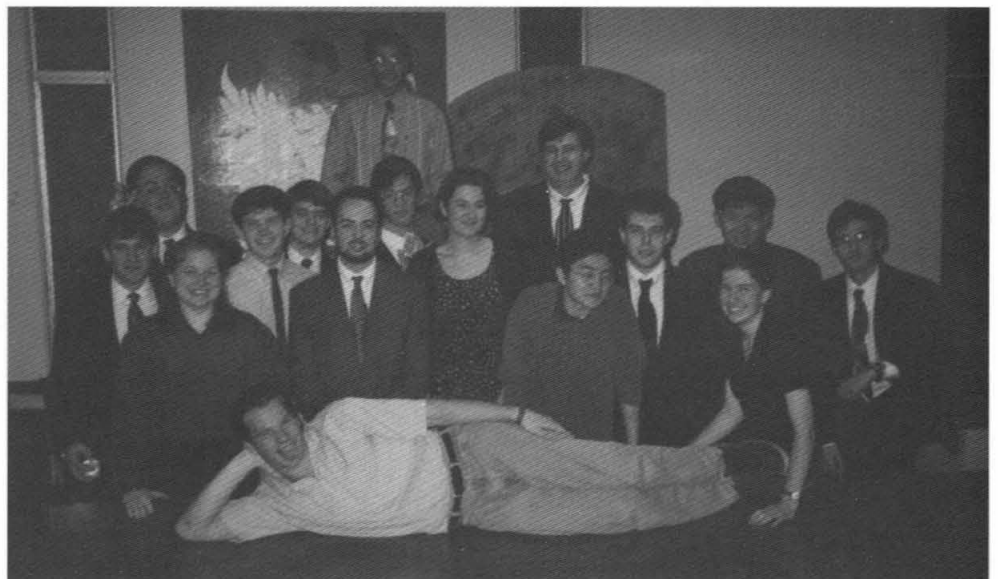
Even though we don't have a formal picture, Alley 3 was cool, too.



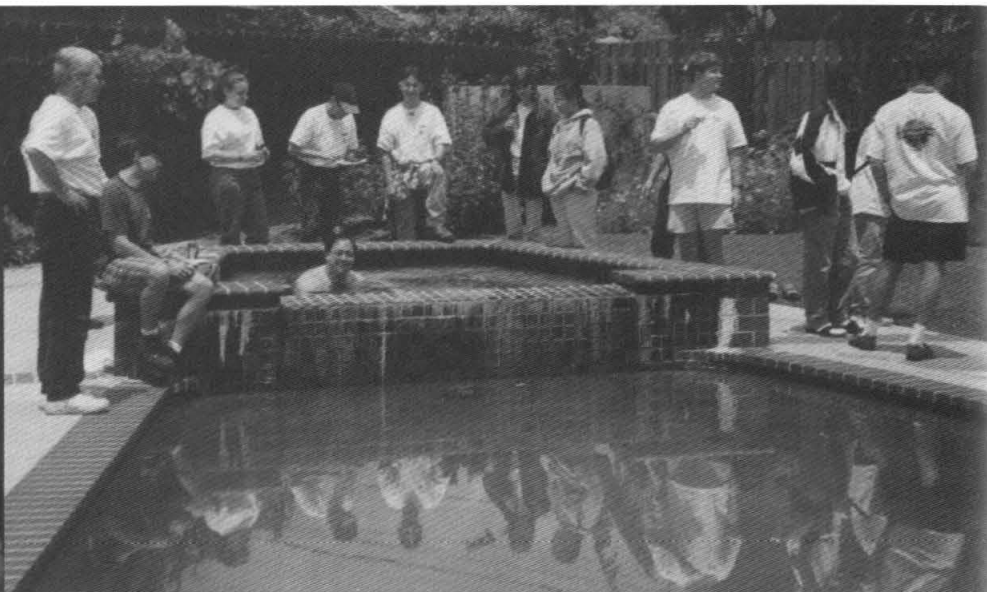
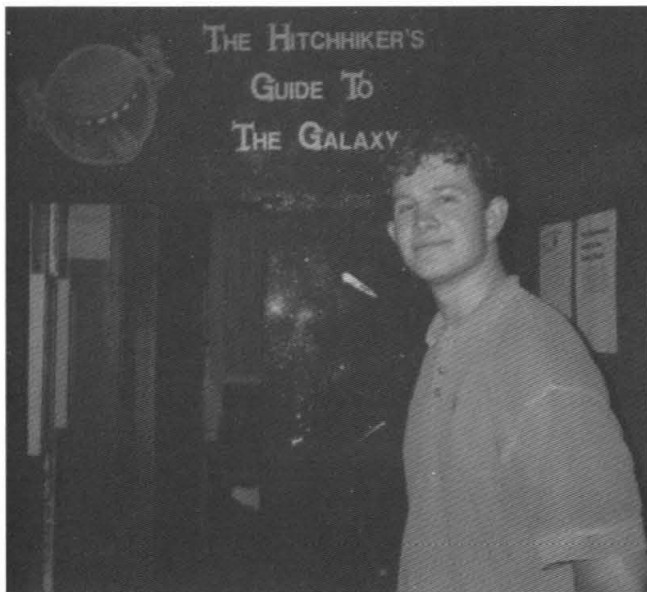
Alley 5



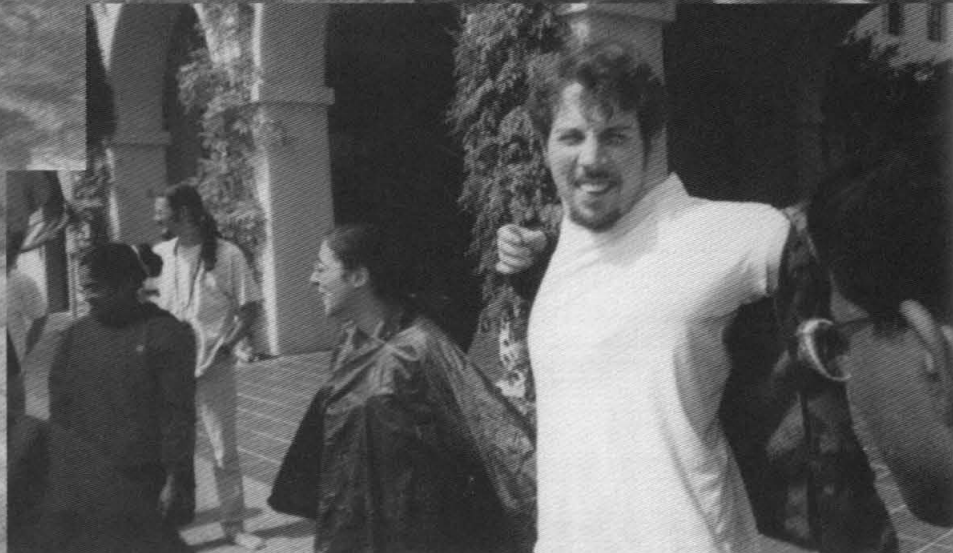
We will not let our UCC get wet!



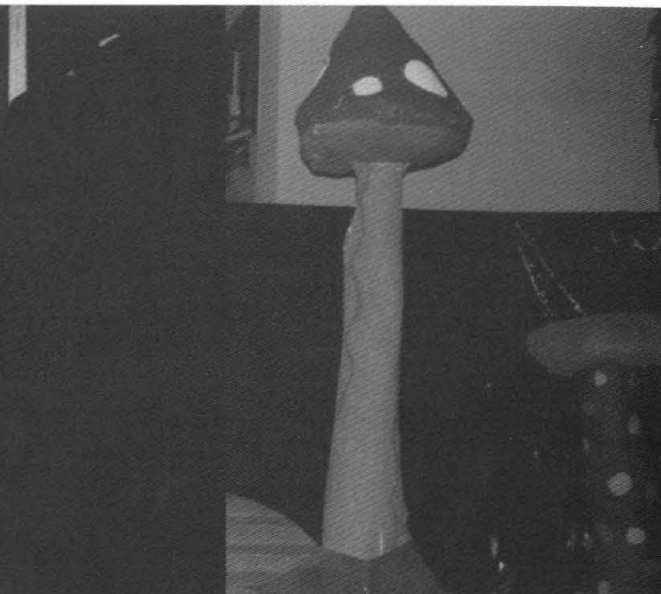




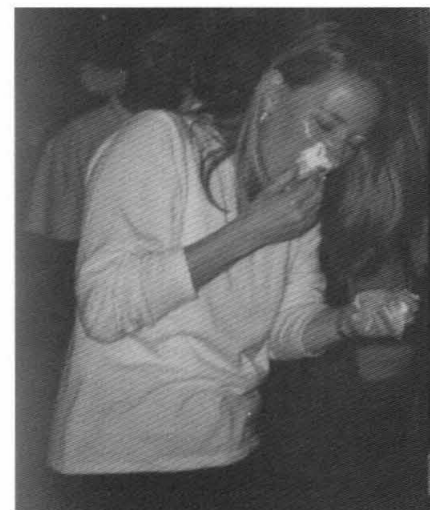
Ditch Day 1998:  
2001  
Austin Powers  
Hitchhiker's Guide  
The Rock  
Xena







*Alice  
in  
Wonder-  
land*











SENIORS

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## Amy Zheng

Biology AND History  
San Diego, California

...do not worry about tomorrow, for tomorrow will worry about itself. Each day has enough trouble of its own.

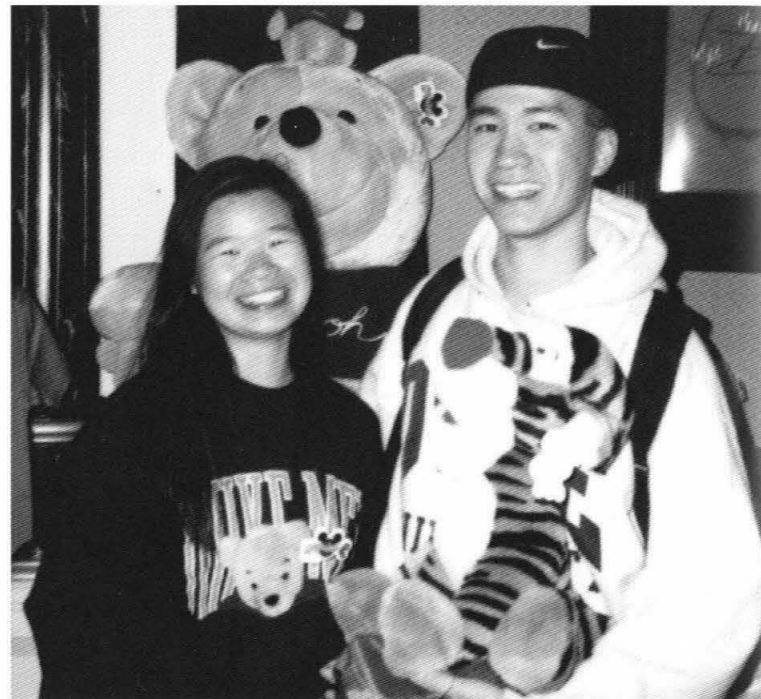
Matthew 6:34

Jesus answered, "I am the Way and the Truth and the Life. No one comes to the Father but through Me."

John 14:6

## Lisa Ngo

Biology  
Los Angeles, California

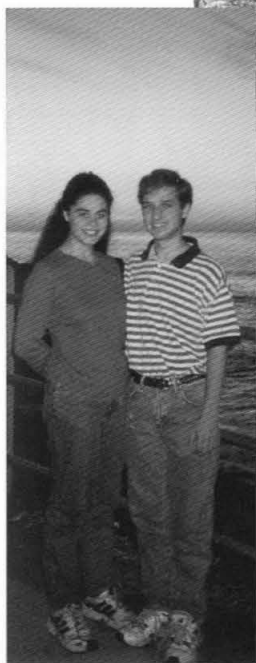


## Sindy H. Wei

Biology  
Poway, California







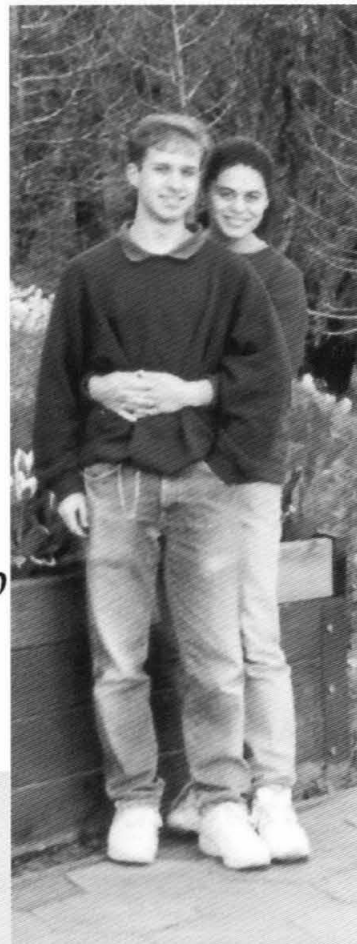
## *Brían D'Urso*

*Physics  
Portsmouth, Rhode Island*



## *Víctoria D'Urso*

*Mathematics  
Northridge, California*



## *Rowena Lohman*

*Geology  
Half Moon Bay, California*

*"I haven't failed. I've just found  
10,000 ways it won't work."*

*- Edison*

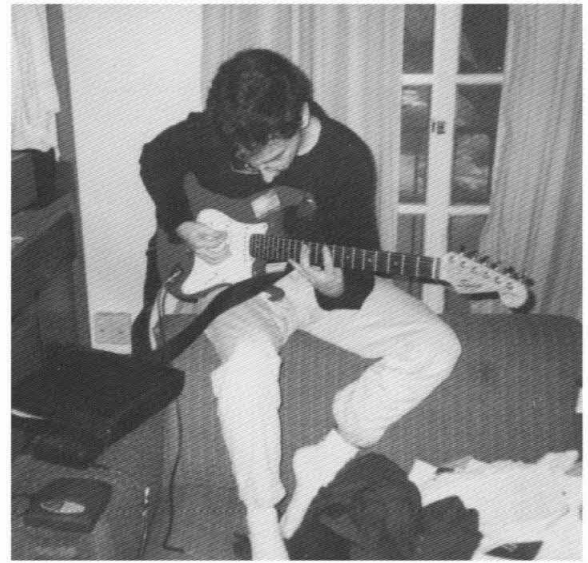




## Brian Rothstein

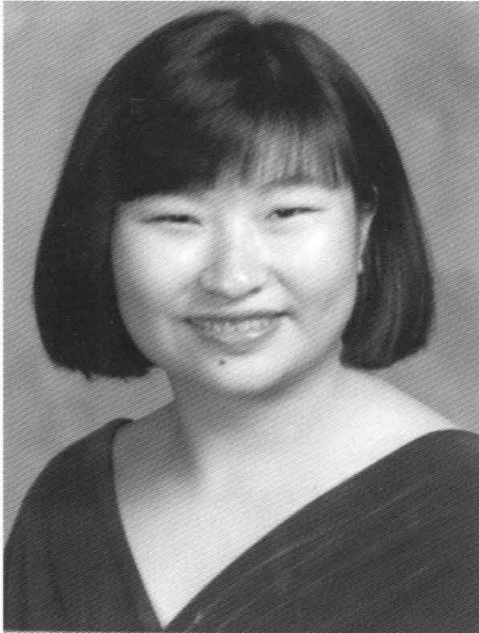
Computer Science  
McLean, Virginia

"All you wanted was a good time,  
but you got much more."  
- Designated Driver



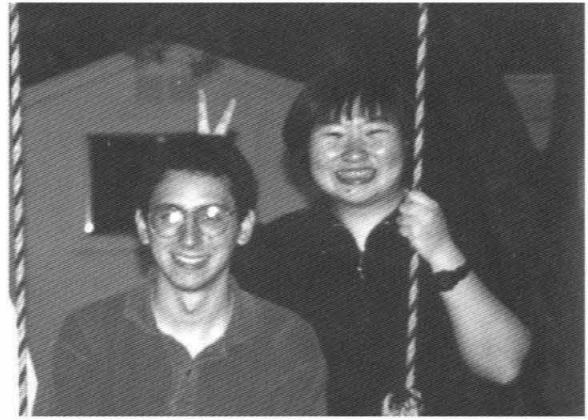
18 YEARS AGO...

"Ooo, I can't wait to go to Caltech!"



## Fay Peng

Chemical Engineering  
Media, Pennsylvania



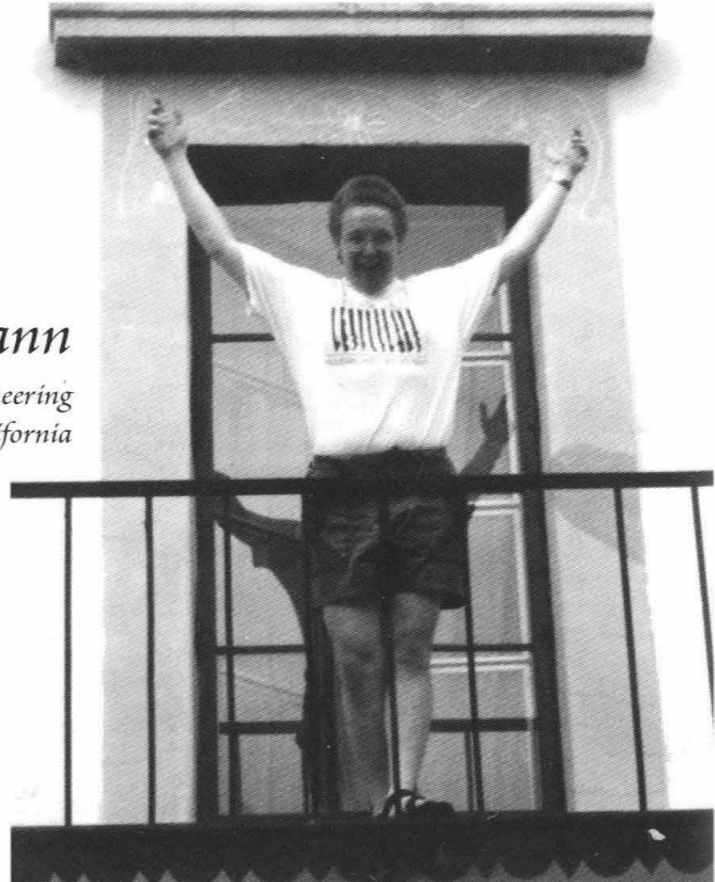
4 YEARS AGO...

"The wait is finally over,  
Caltech, here I come!"



## Brian Tiemann

Mechanical Engineering  
Redwood Valley, California



PRESENT...

Nuff said.





## *Samantha Foster*

*Civil Engineering  
Burbank, California*

## *Karen Bletzer*

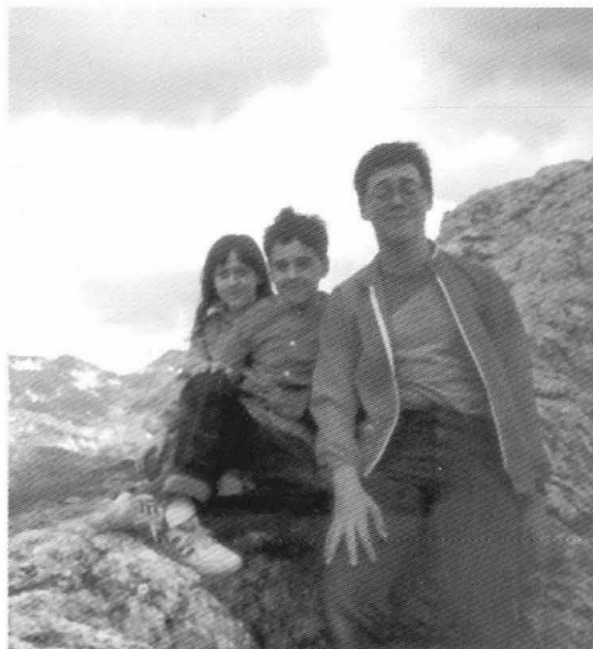
*Mechanical Engineering  
East Lansing, Michigan*

## *Jeanne Wilson*

*Biology  
Upper Darby, Pennsylvania*







# RUDDOCK HOUSE



## “THE ROCK” STACK



### *Jeremiah Mans*

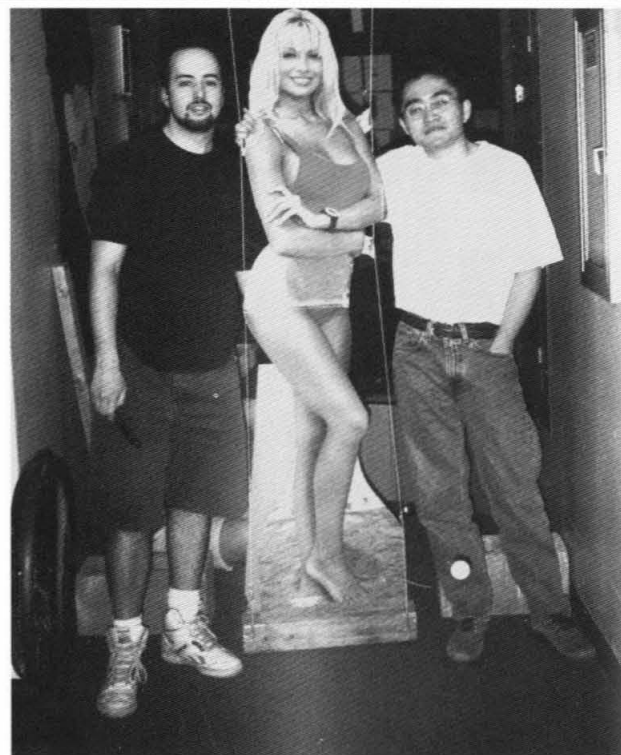
*Applied Physics  
Omaha, Nebraska*

### *James Turner*

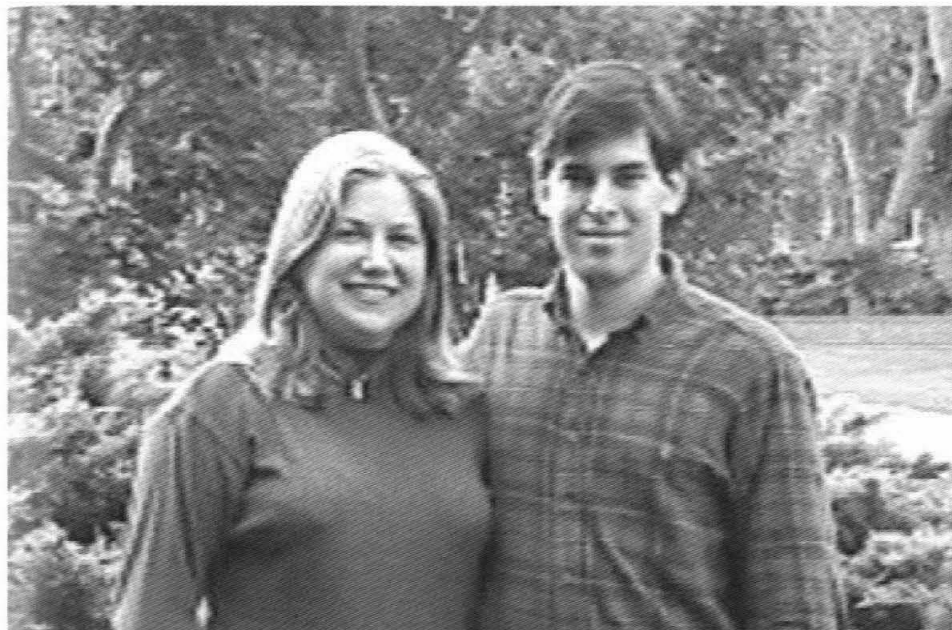
*Chemistry  
Allamuchy, New Jersey*

### *Hiroshi Ishii*

*Computer Science  
Tokyo, Japan*







*Sean Suchter*

*Computer Science  
Arcadia, California*

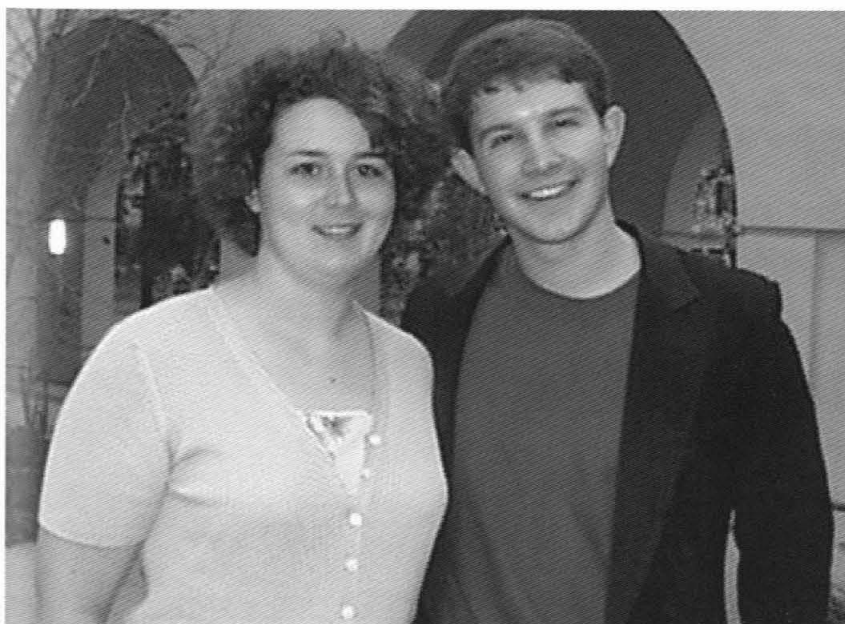
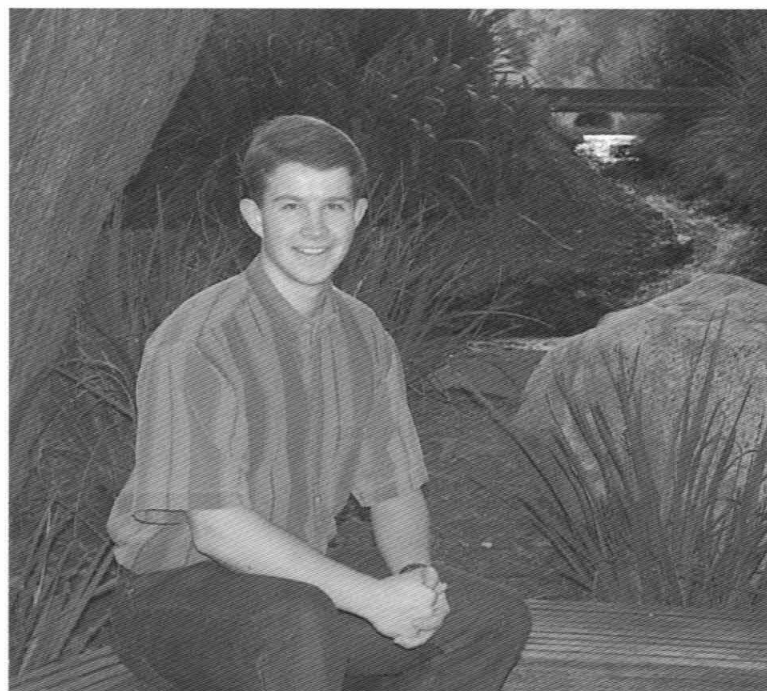
*Louis Thomas*

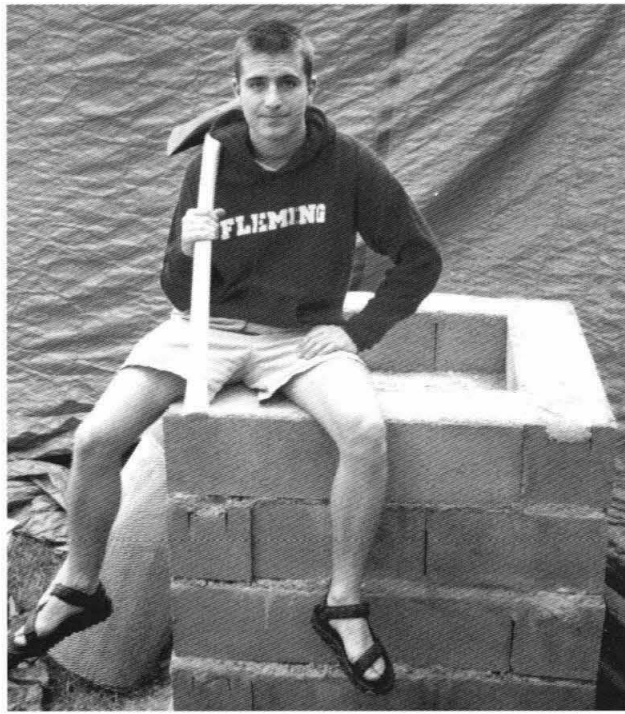
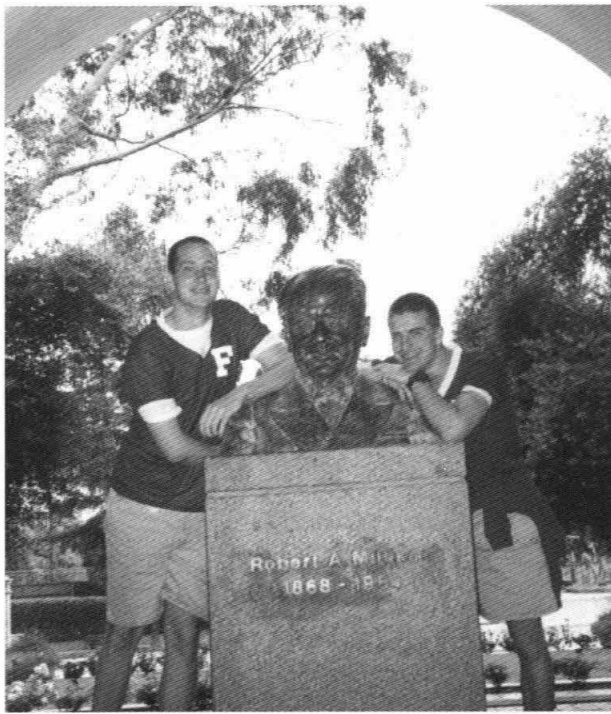
*Computer Science  
Orangevale, California*

*Michelle Miller*

*Biology  
St. Louis, Missouri*

## THE HITCHHIKER'S GUIDE TO THE GALAXY STACK





## David Winkler

Engineering & Applied Science  
Oxford, Ohio

*"Everything in excess! To enjoy the  
flavor of life, take big bites.  
Moderation is for monks."*

- Lazarus Long in Robert Heinlein's  
Time Enough For Love

## Chris Bisbee

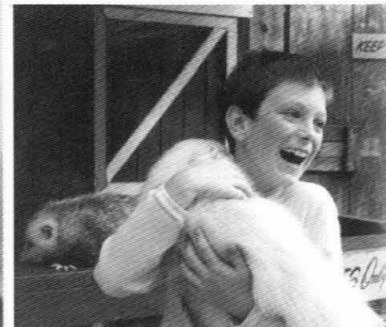
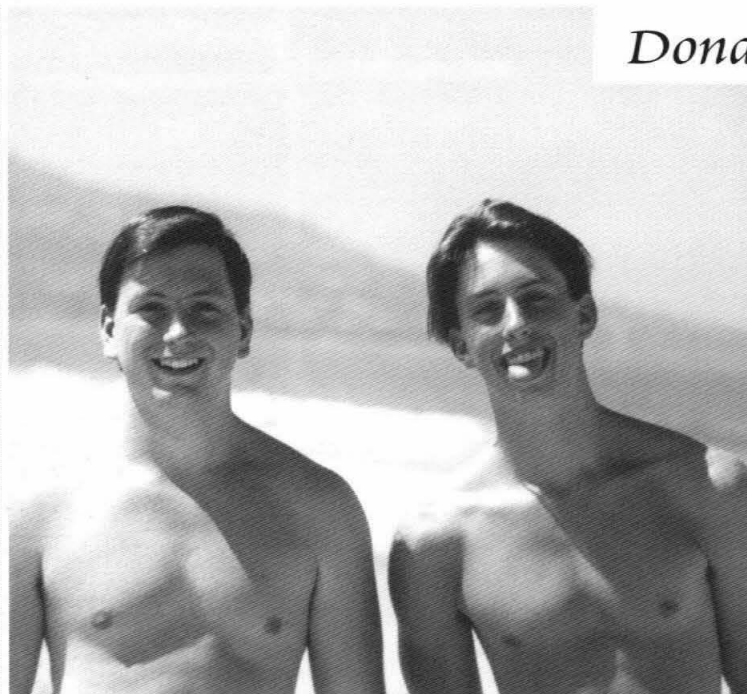
Chemistry  
Aliquippa, Pennsylvania

*"Get busy livin', or get busy dyin'.  
That's damn well right."*

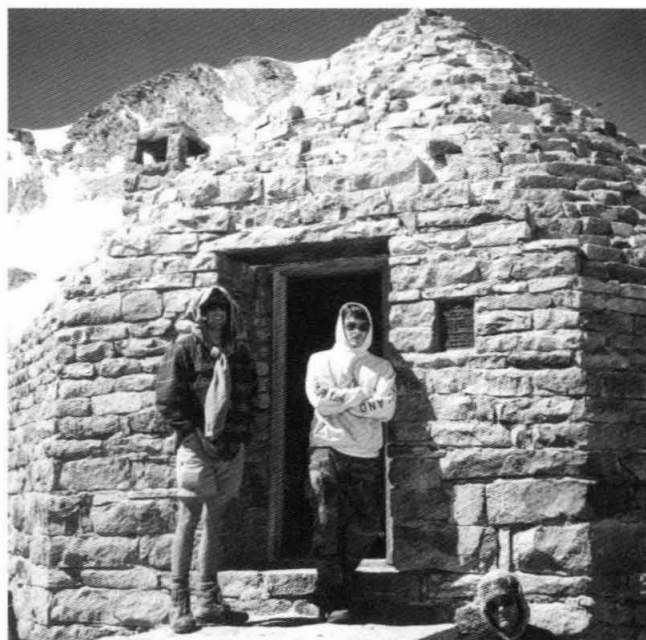


## Donald Pinkston III

Altadena, California  
Computer Science





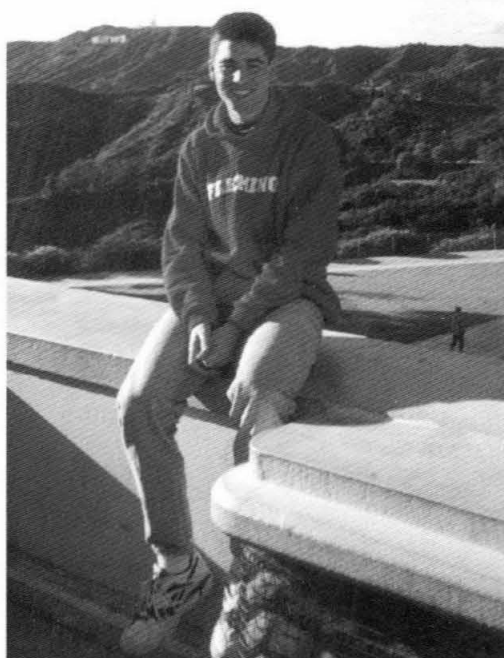


## Patrick Jewell

Applied Physics

*"It doesn't matter what you do... so long as you change something from the way it was before you touched it into something that's like you after you take your hands away."*

- Ray Bradbury



## Brian Monroe

Astronomy  
Encino, California

*"Some are born to move the world -  
To live their fantasies  
But most of us just dream about  
The things we'd like to be."*

## Jason Barnes

Astronomy  
Chesterfield, Missouri

*"Life is not tried, it is merely survived if you're standing outside the fire."*





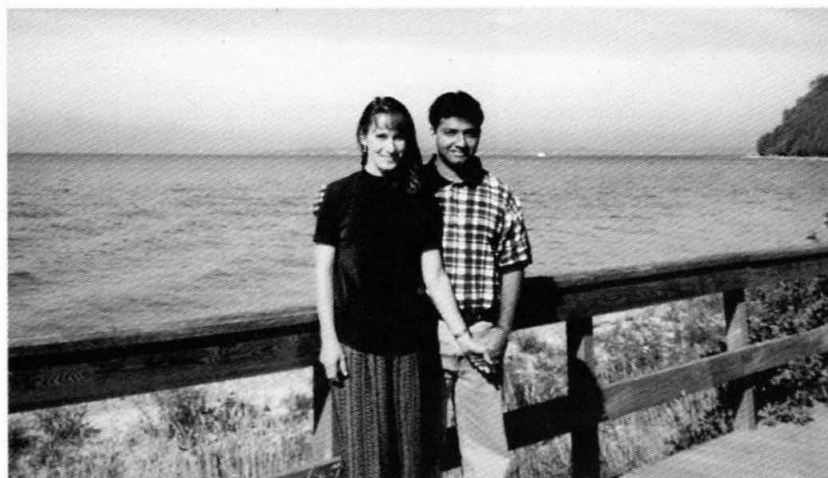
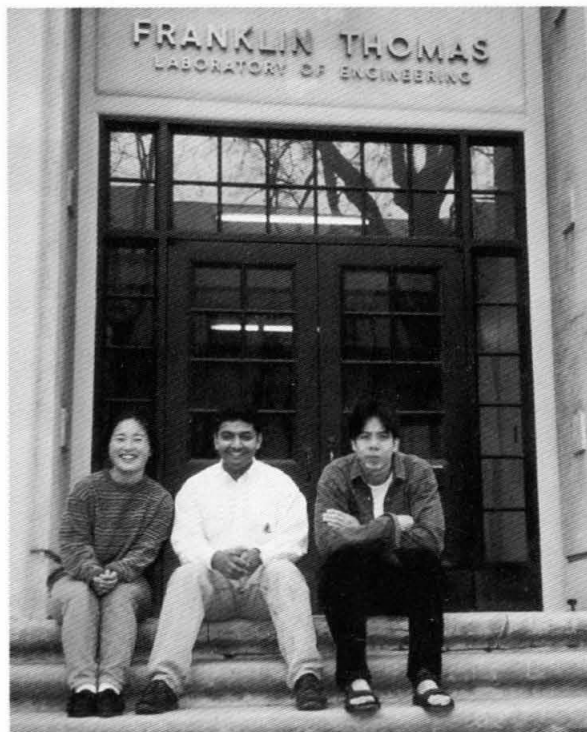
*Zee Yen Khoo*

*Mechanical Engineering  
Kuala Lumpur, Malaysia*



*Natsuko Kagawa*

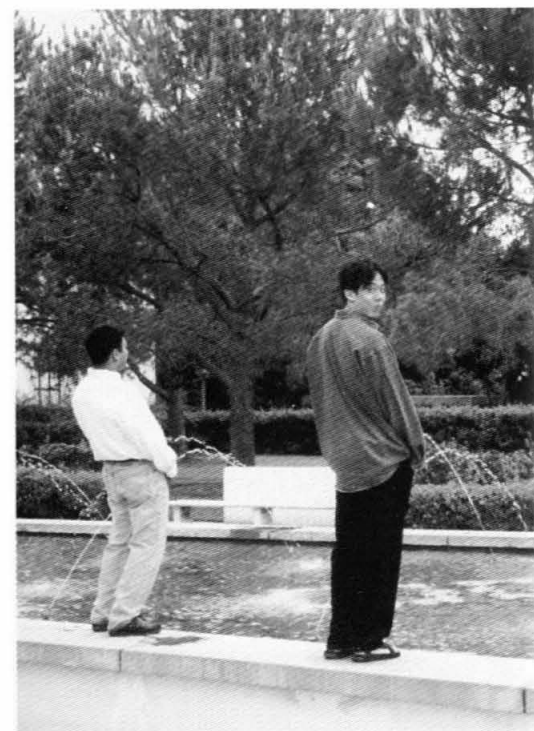
*Mechanical Engineering  
Hyogo, Japan*



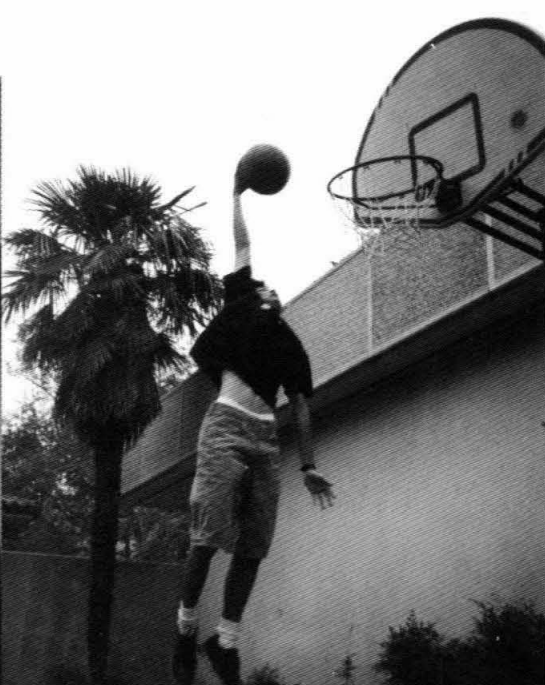
*Umesh Bhandary*

*Mechanical Engineering  
Kathmandu, Nepal*

178 Seniors





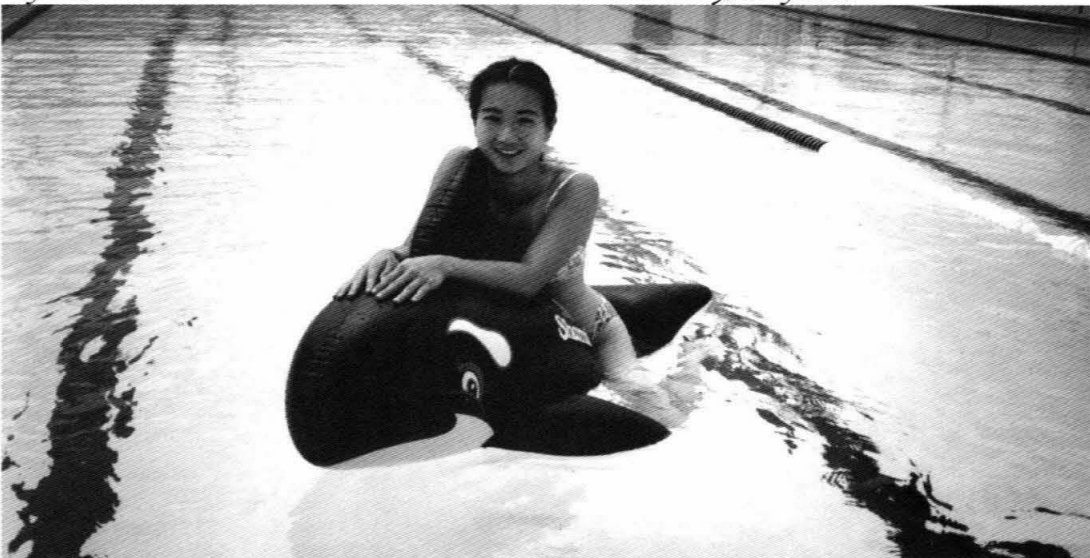


## *Irene Wong*

*Chemical Engineering  
Enfield, Connecticut*

## *Alex Huang*

*Applied Physics  
Fountain Valley, California*



## *Sarah Sanders*

*Engineering & Applied Science  
Fort Collins, Colorado*

*I don't think I'm alone when I say that I'd  
like to see more and more planets fall under  
the ruthless domination of our solar system.*

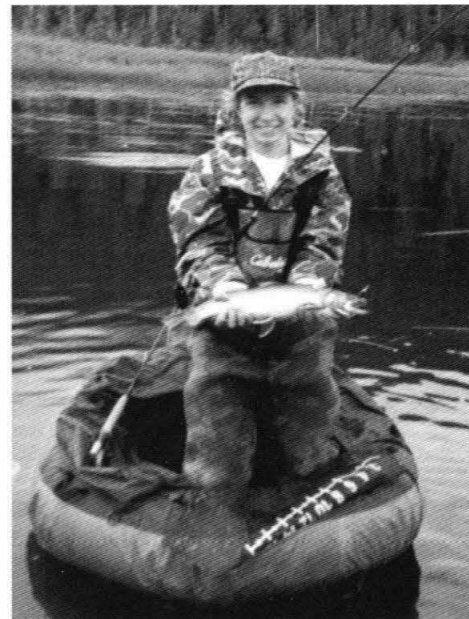
*- Jack Handey*



## Sara A. Beaber

Lawrenceville, New Jersey  
History AND Chemistry

*The things to do are:  
the things that need doing;  
that you see need to be done,  
and that no one else seems need to be done.*  
-R. Buckminster Fuller



## Barbara Novak

Glenshaw, Pennsylvania  
Biology

*Yesterday is but today's memory, and  
tomorrow is today's dream.*  
-Kahlil Gibran



## Fiona LaFinski

West Virginia  
Leisure Studies



## Myfanwy Callahan

Glenview, Illinois  
Environmental Engineering

*Dost thou love life?  
Then do not squander time;  
for that's the stuff life is made of.*  
-Ben Franklin





## Dušan Mišević

Mathematics AND Biology  
Belgrade, Yugoslavia

"The good Christian should beware of mathematicians and all those who make empty prophecies. The danger already exists that mathematicians have made a covenant with the devil to darken the spirit and confine man in the bonds of Hell."

- St. Augustine



## Alex Dunn

Chemistry  
Colorado Springs, Colorado



## Kai-Hsu Tai

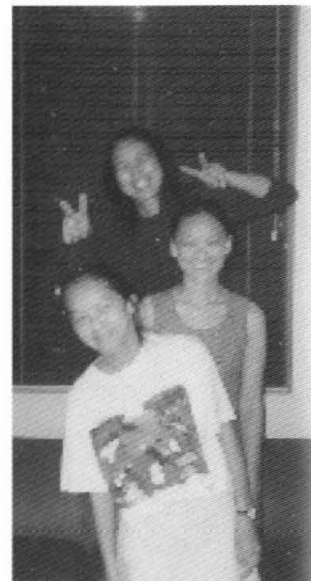
Chemistry  
Taiwan, R.O.C.





**Taïson Tan**

*Chemical Engineering  
Glendora, California*



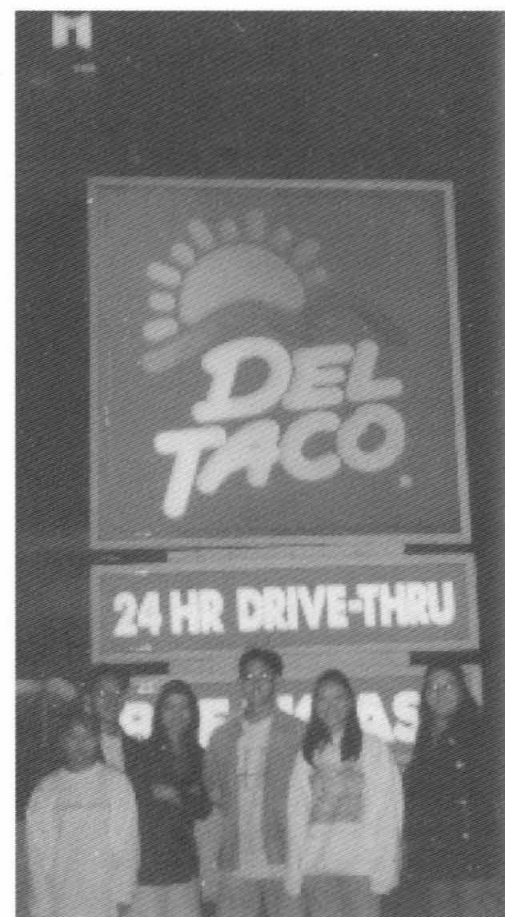
**Kim Tran**

*Biology  
Los Angeles, California*

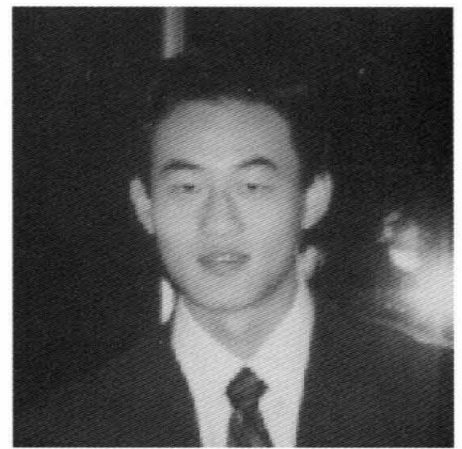
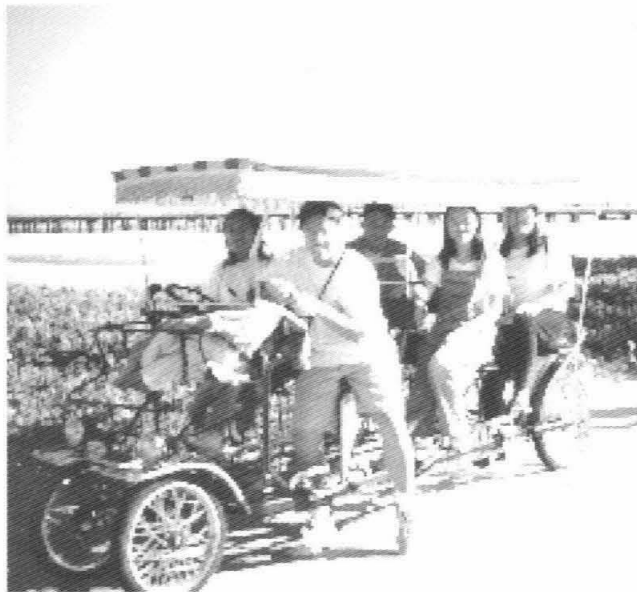


**Carol Wu**

*Biology  
Sugar Land, Texas*







*Kejian Wu*

*Chemical Engineering  
New Haven, Connecticut*



*Kwanchanok Viravaidya*

*Chemical Engineering  
Bangkok, Thailand*



*Jennifer Wang*

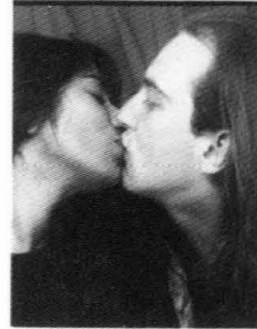
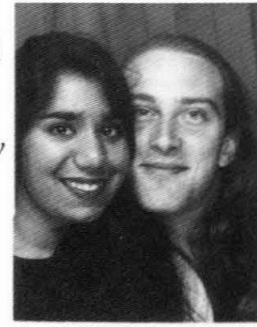
*Biology  
Agoura, California*





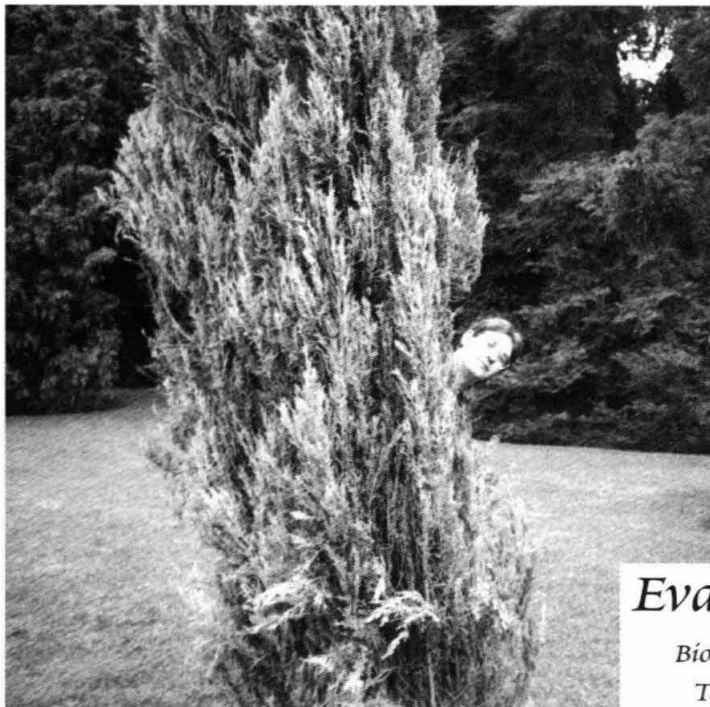
*Sudipta Bardhan*

*Biology  
Washington Township, New Jersey*



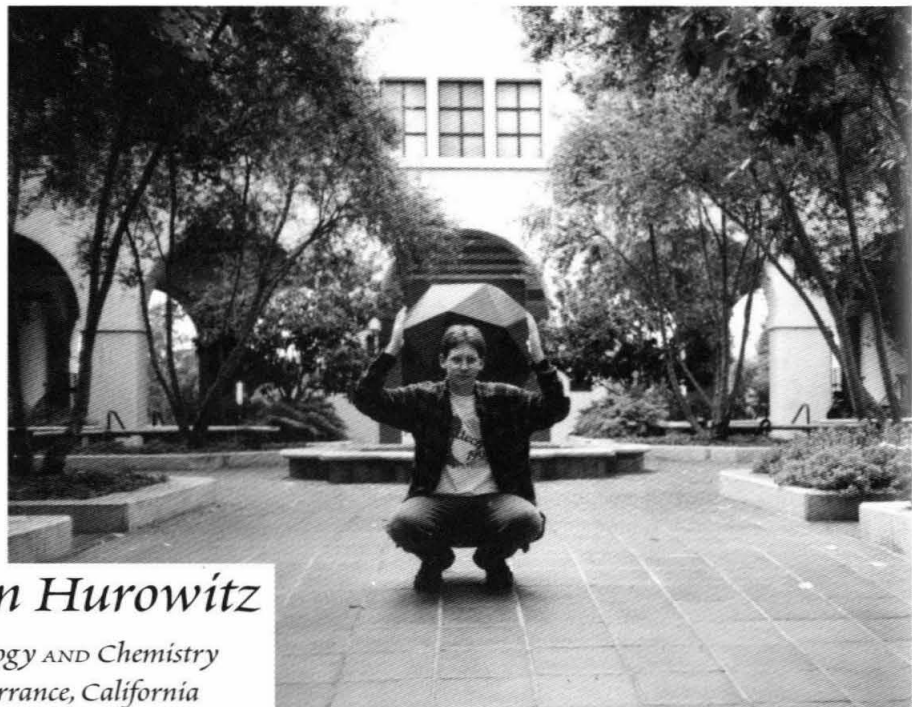
*Advoquita Stude*

*Environmental Science & Engineering  
Phoenix, Arizona*



*Evan Hurowitz*

*Biology AND Chemistry  
Torrance, California*







## John Grossman

Computer Science  
Fairfax, Virginia

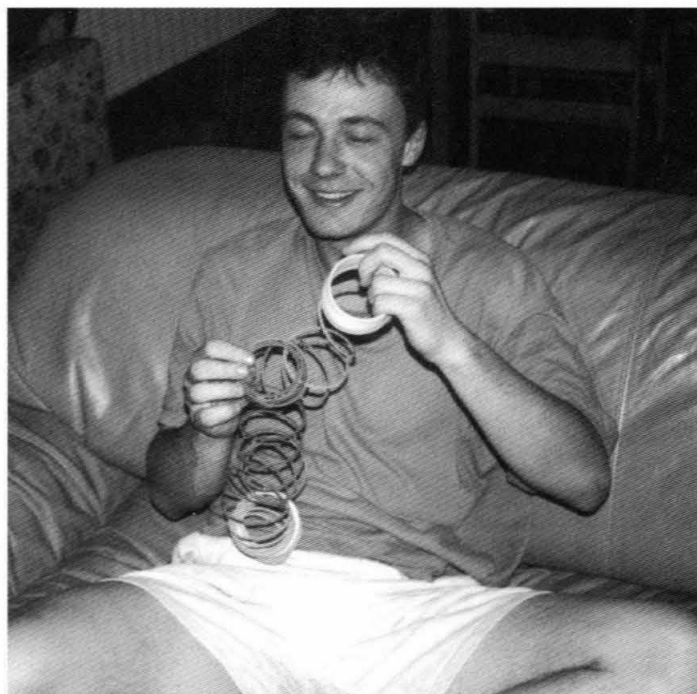
"The best thing for being sad," replied Merlin, beginning to puff and blow, "is to learn something. That's the only thing that never fails. You may grow old and trembling in your anatomies, you may lie awake at night listening to the disorder of your veins, you may miss your only love, you may see the world about you devastated by evil lunatics, or know your honour trampled in the sewers of baser minds. There is only one thing for it then - to learn. Learn why the world wags and what wags it. That is the only thing which the mind can never exhaust, never alienate, never be tortured by, never fear or distrust, and never dream of regretting. Learning is the only thing for you. Look what a lot of things there are to learn."

- T.H. White, "The Once and Future King"




## Lael Erskine

Chemistry  
El Cerrito, California



## Dan Angelescu

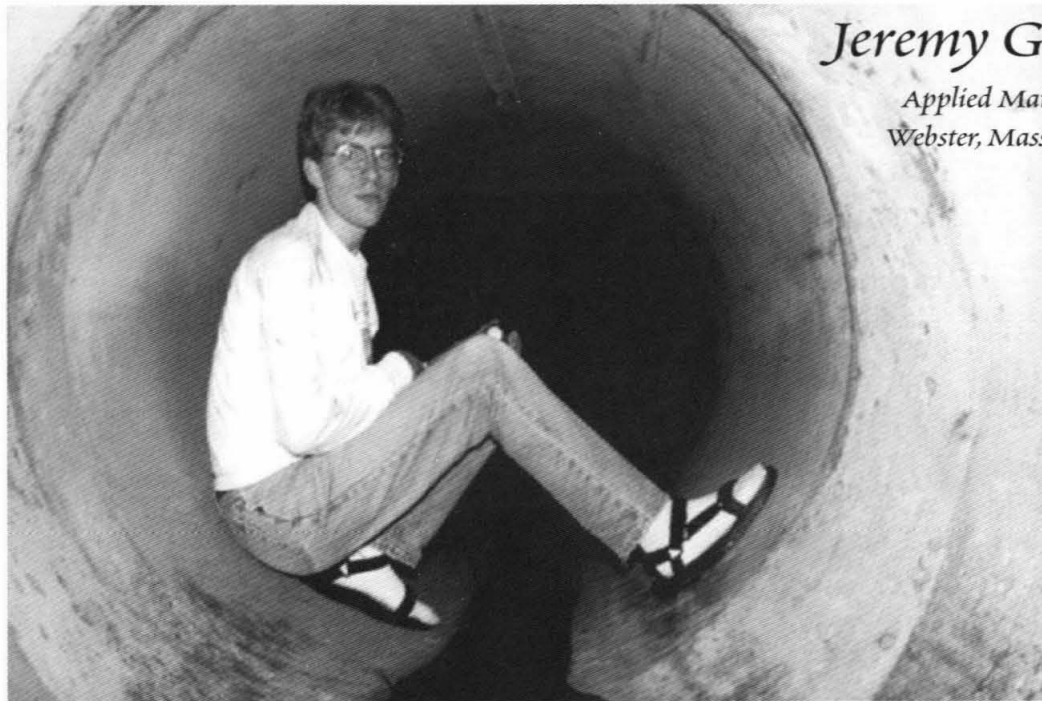
Physics  
Bucharest, Romania



I believe in  
two words in  
the world.  
"FATE" and  
"HOPE".

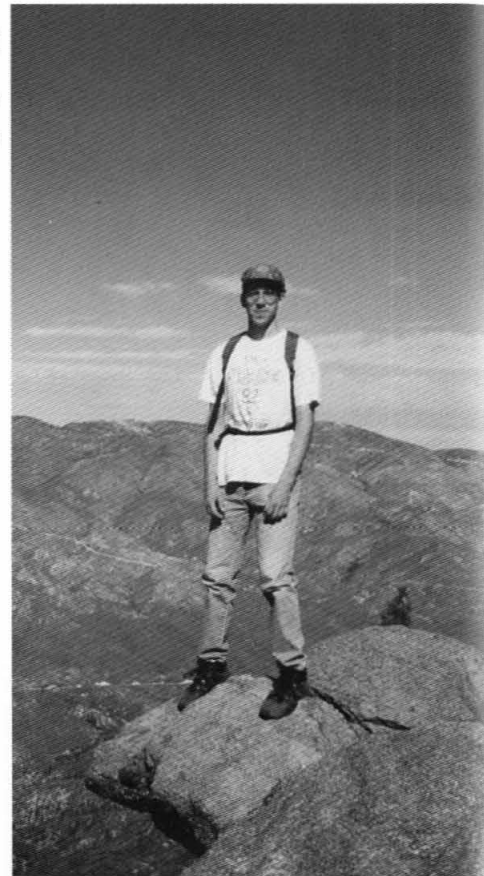
## Yuanshan Guo

Engineering & Applied Science  
Fuzhou, China



**Jeremy Gawle**

*Applied Mathematics  
Webster, Massachusetts*



**Bob Keeney**

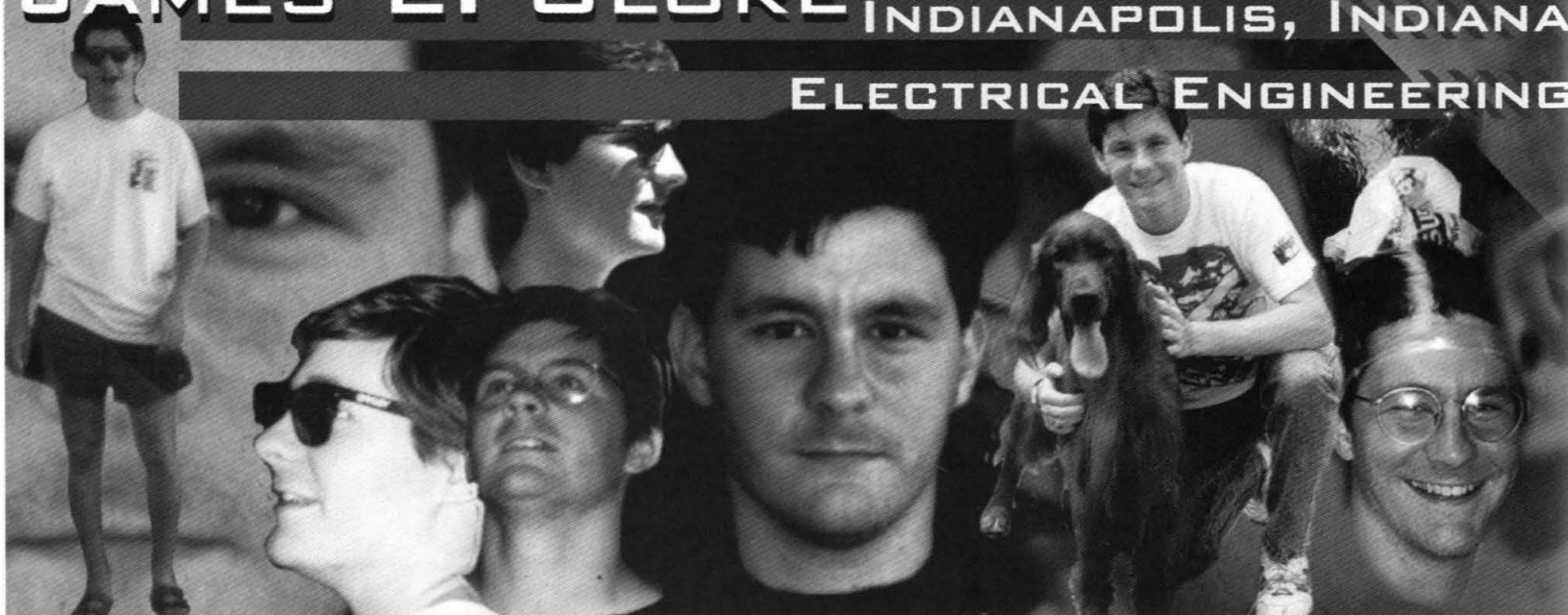
*Mechanical Engineering  
Federal Way, Washington*

*"He that outlives this day, and comes safe home,  
Will stand a tip-toe when the day is named"*  
- William Shakespeare, Henry V

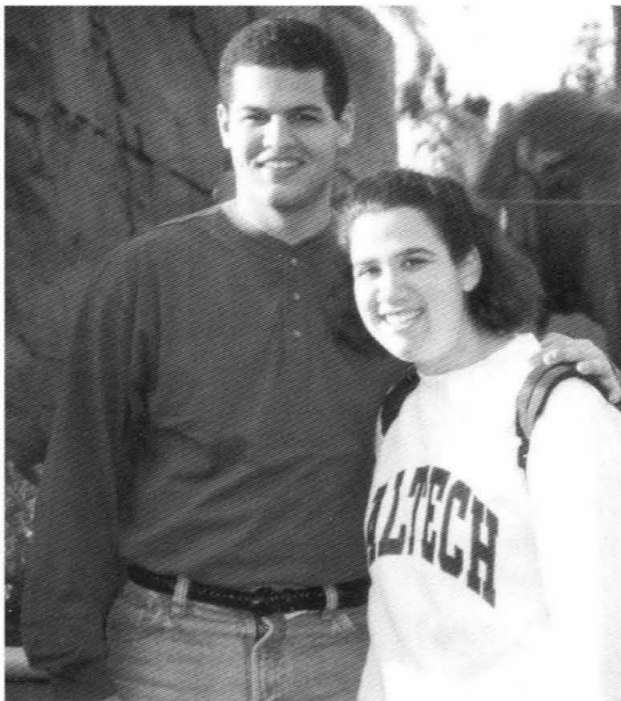
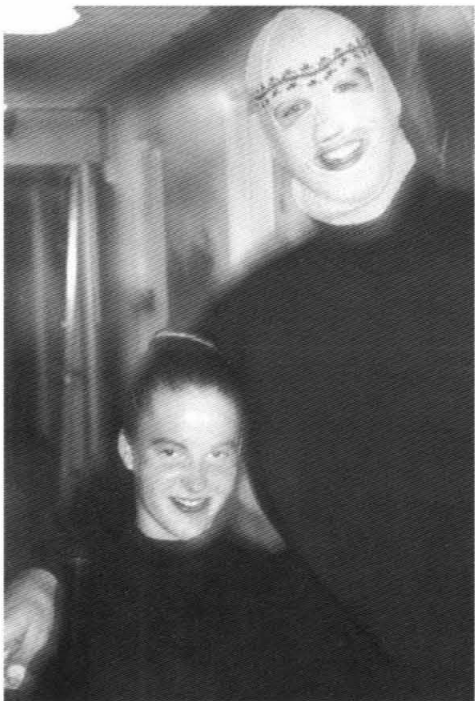
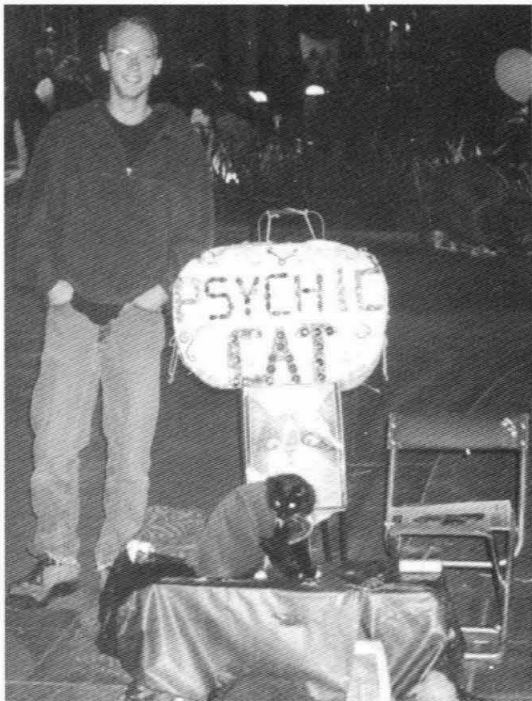


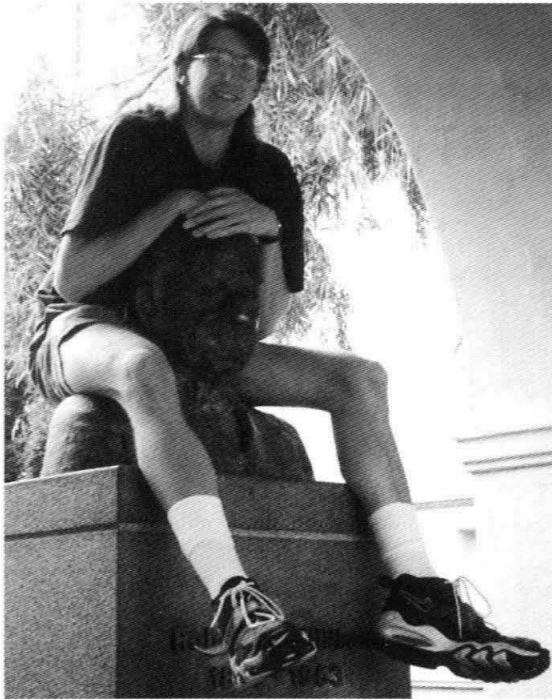
# JAMES E. GLORE INDIANAPOLIS, INDIANA

## ELECTRICAL ENGINEERING









*Wesley Thomas Salzillo*

*Applied Physics  
Florence, Oregon*



*Kristie Lee Armentrout*

*Electrical Engineering*



*Judith Green*

*Computer Science  
Woodland Hills, California*



*Stephen D.*

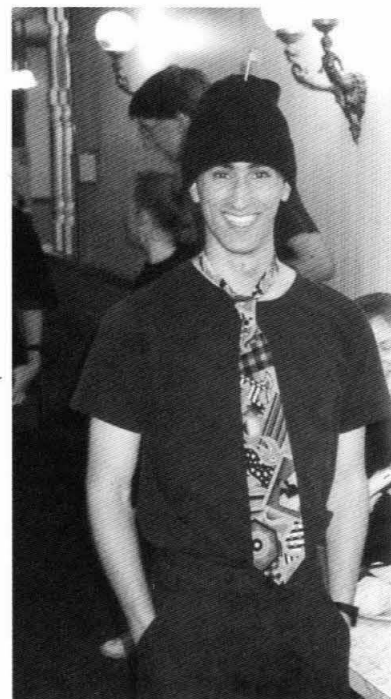
*Van Hooser*

*Engineering & Applied Science  
Toledo, Ohio*



*Alexander T. Ihler*

*Electrical Engineering AND Mathematics  
College Station, Texas*



*Steven H. Ginzburg*

*Computer Science  
Aptos, California*



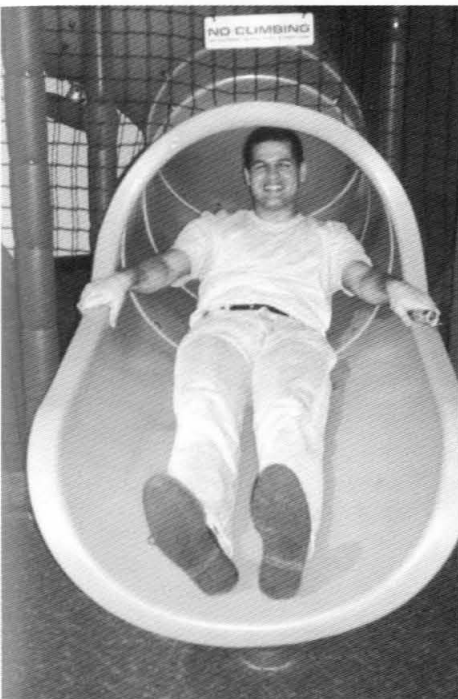
## *Jonathan Little*

*Electrical Engineering  
Kingwood, Texas*



## *Steven Michael*

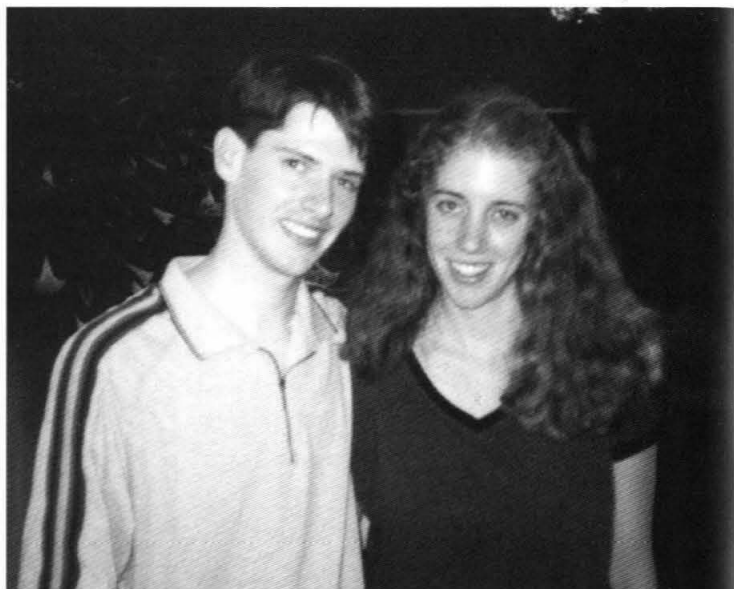
*Physics  
Katy, Texas*



## *Blake Jones*

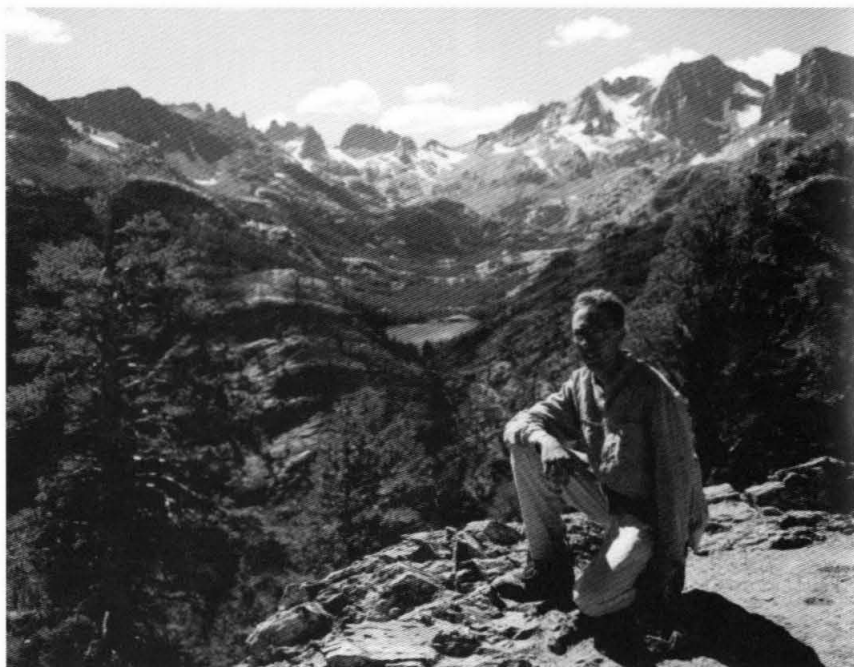
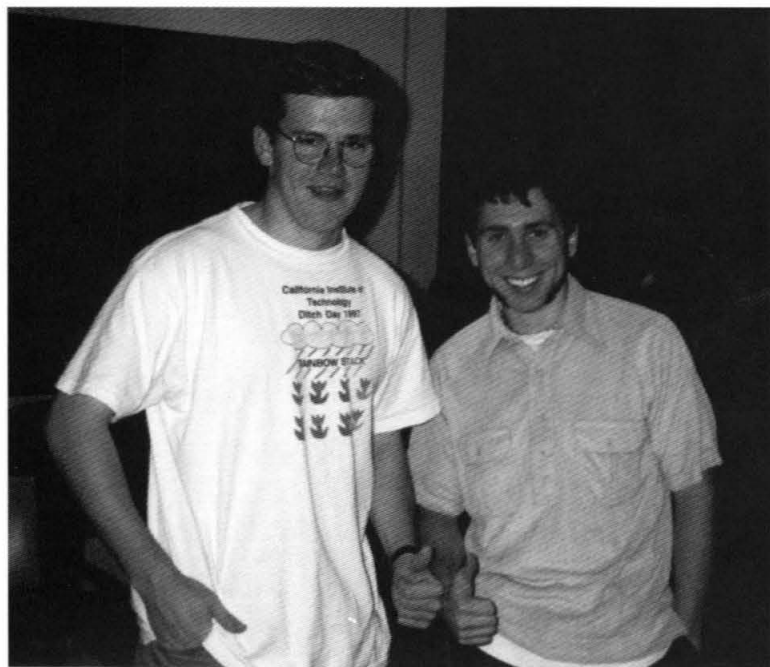
*Computer Science  
Stillwater, Minnesota*





*The slothful man saith, 'There is a lion in the way,  
a lion in the street.'* - Proverbs 26:13

*Do nothing out of selfishness or empty conceit, but with humility of mind  
consider others as better than yourself. Do not merely look out for your own  
personal interests, but let everyone look out for the interests of others.*  
- Philippians 2:3-4





## Shane David Ross

Physics  
Anaheim, California

## Matthew S. Tiscareno

Planetary Science  
Costa Mesa, California

## Timothy D. Henson

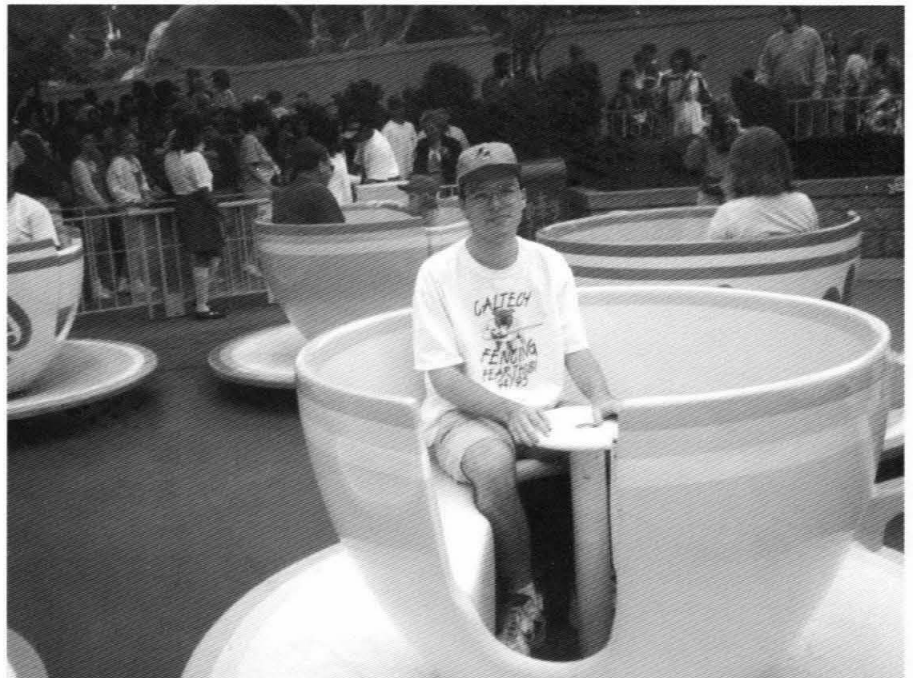
Engineering & Applied Science  
Phoenix, Arizona

## Derek Farmer

Mathematics  
White Bear Lake, Minnesota

## Daniel C. Hennessy

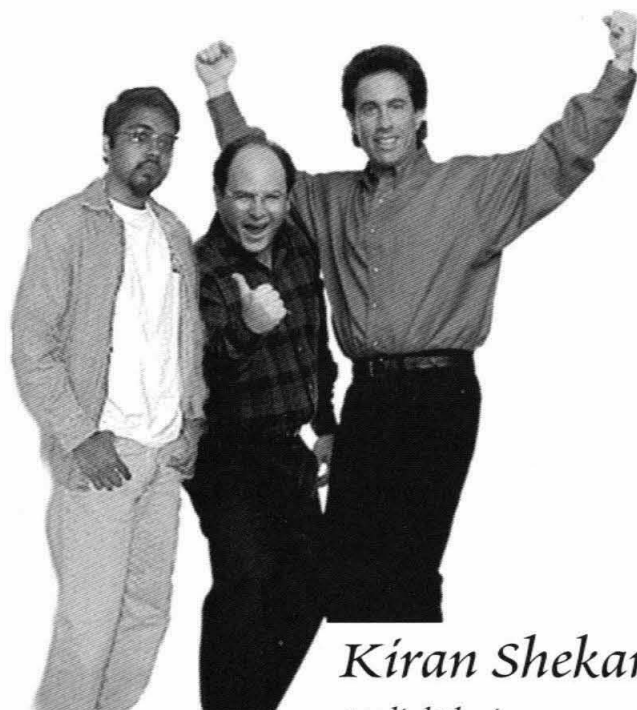
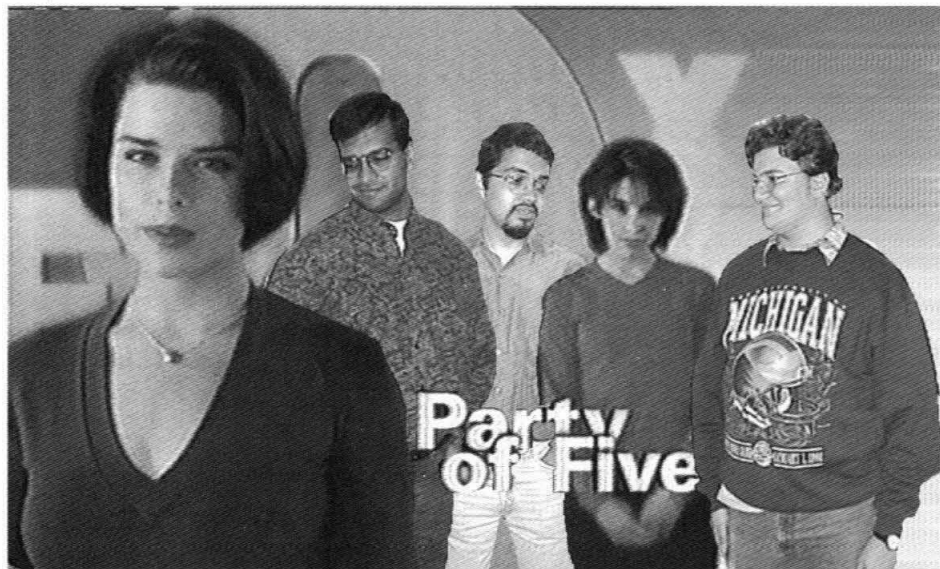
Physics  
Palm Harbor, Florida



## Leah Foechterle

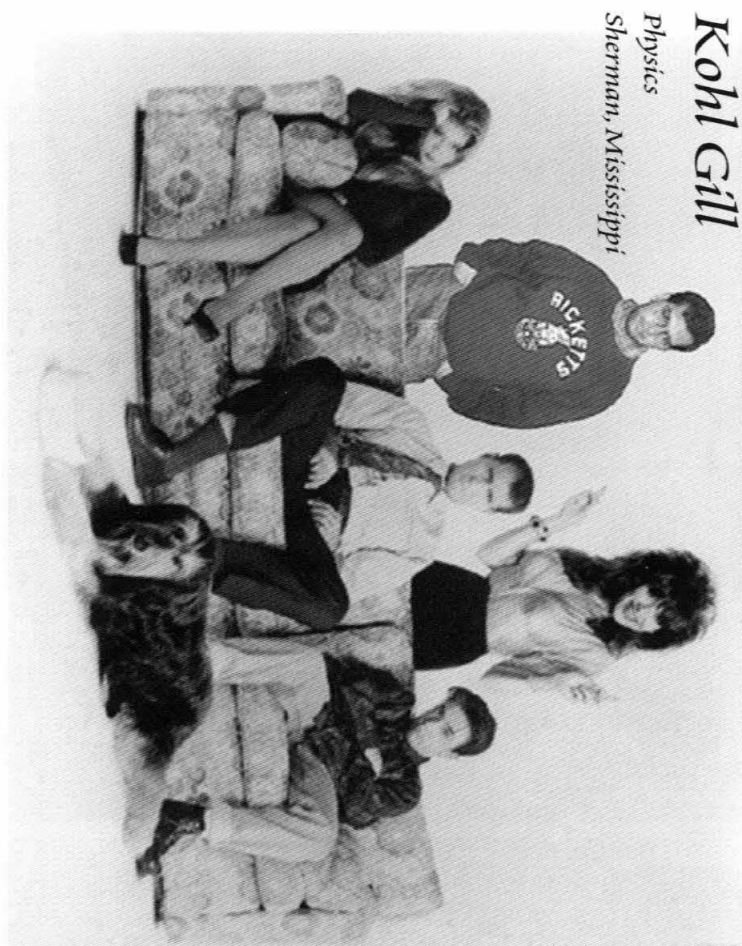
Environmental Engineering  
Vienna, Virginia





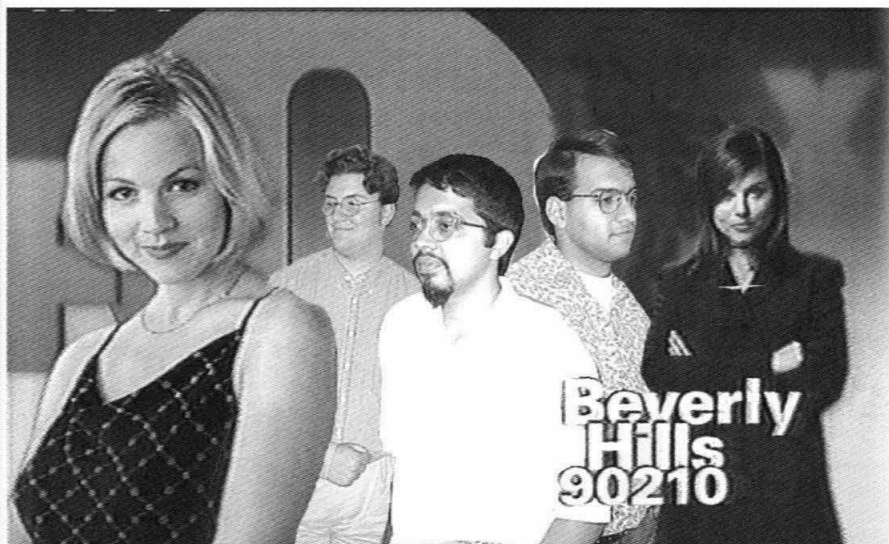
*Kiran Shekar*

*Applied Physics  
Army Brat, USA*

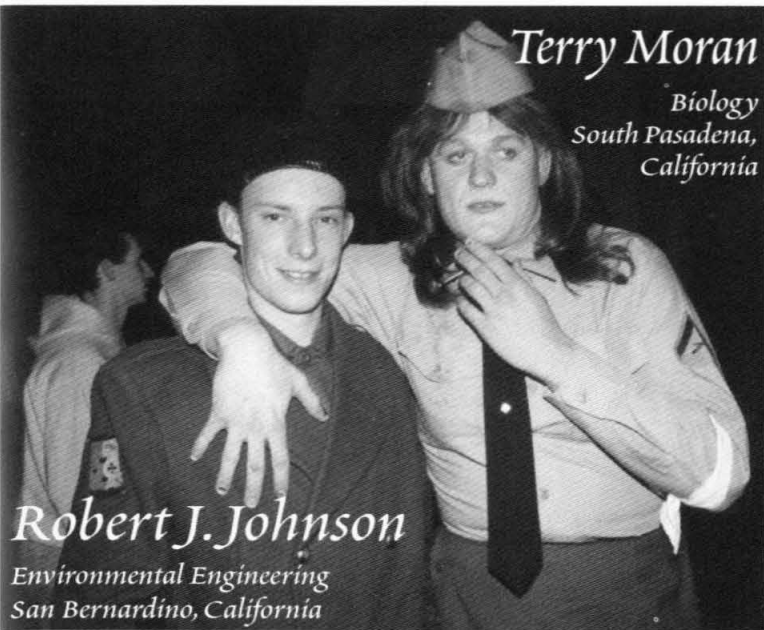


*Brandon VandeBrake*

*Mathematics  
Grand Rapids, Michigan*







**Terry Moran**

*Biology  
South Pasadena,  
California*

**Robert J. Johnson**

*Environmental Engineering  
San Bernardino, California*



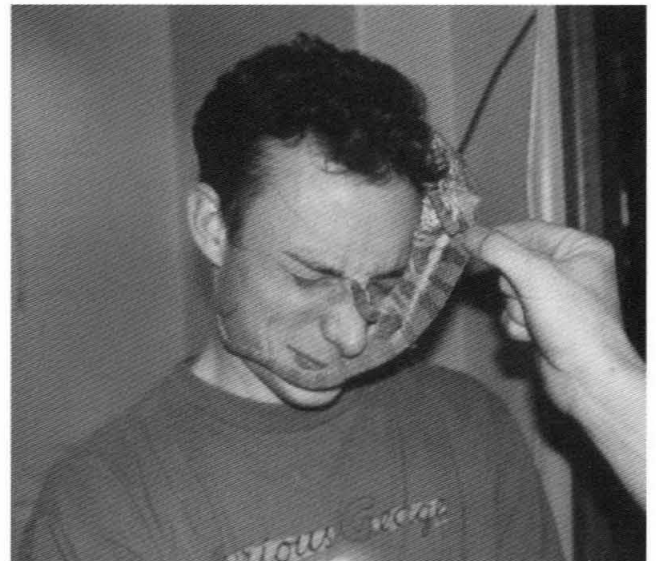
**Deblau**

*Hold on there Music boy. What does grammer  
have to do with getting chicks?*

*-Johnny Bravo*

## Bozo "Mighty Fine"

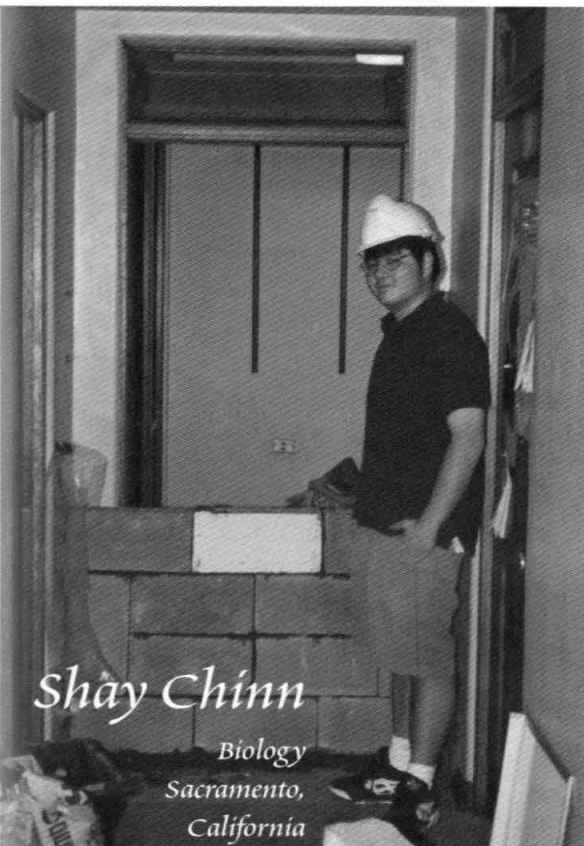
*Kinko, Kinko, the kid loving Clown...*



**Rob**

*As an unmuddied lake, Fred. Clear as an  
azure sky in the deepest summer. You can rely  
on me, Fred.*

*-Alex, A Clockwork Orange*



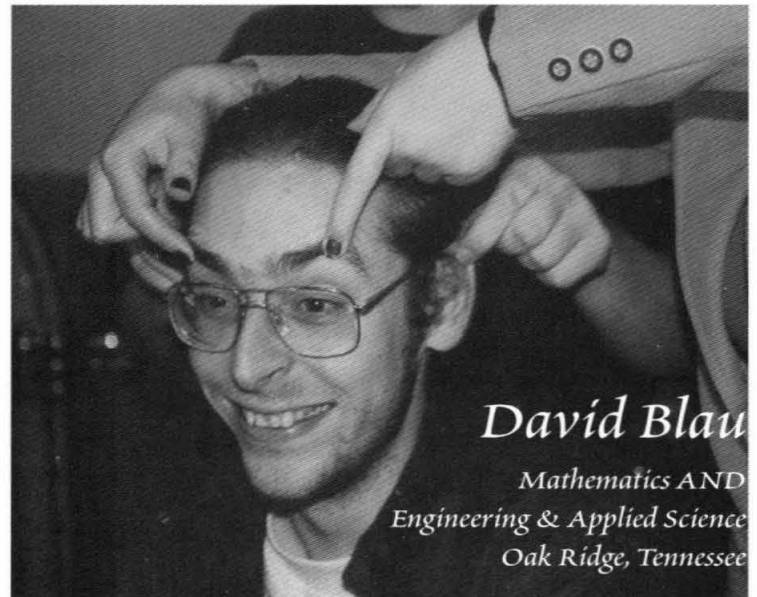
**Shay Chinn**

*Biology  
Sacramento,  
California*

## Shay

*"It was the best of times, it  
was the worst of times, it  
was the age of wisdom, it  
was the age of foolishness,  
it was the epoch of belief,  
it was the epoch of  
incredulity, it was the  
season of Light, it was the  
season of Darkness, it was  
the spring of hope, it was  
the winter of despair, we  
had everything before us,  
we had nothing before us,  
we were all going direct to  
Heaven, we were all going  
direct the other way. . ."*

*- Charles Dickens*



**David Blau**

*Mathematics AND  
Engineering & Applied Science  
Oak Ridge, Tennessee*



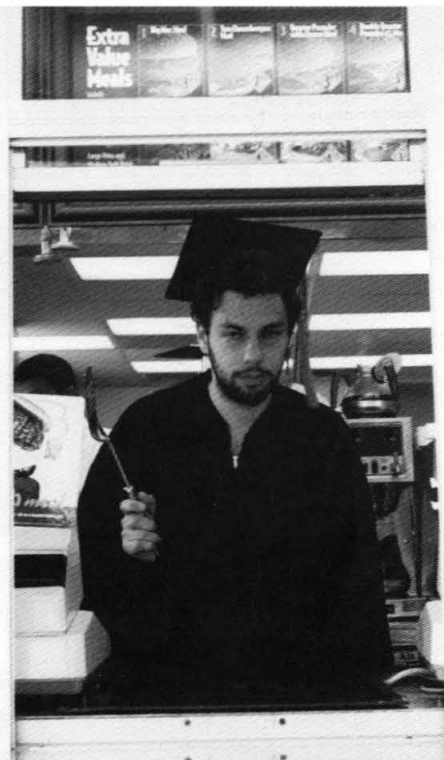
## Kin Chan

Biology

New York City, New York

*"If you aren't cheating, you aren't trying. If you get caught, you're not trying hard enough."*

*-U.S. Special Forces maxim*

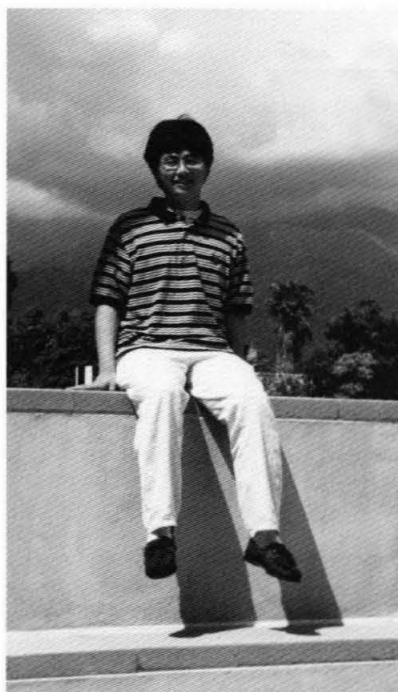


## Mason Porter

Applied Math

Beverly Hills, California

*"Do you want fries with that?"*



## Vito Dai

Electrical Engineering

Cupertino, California

*"Life is cool!"*



## Louis Wang

Engineering and Applied Science

San Jose, California

*I'm not graduating this year, but I work hard, go down to lab, do my homework, and stay up till dawn. It's okay though, even if I don't get enough sleep or food, because I drink milk. It gives me all the minerals and proteins I need to stay awake in class. So I can graduate next year.*





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## Tai Anh Lam

*Physics AND Love*  
Seattle, Washington

*I would like to express my sincere thanks to all my friends at Caltech. I will always remember and cherish the climbs we did together, both with our feet and with our minds. The all-nighters we pulled together are bittersweet memories... I wish you all the best in life.*

*Thank Caltech for the ...“unique” learning experience.*

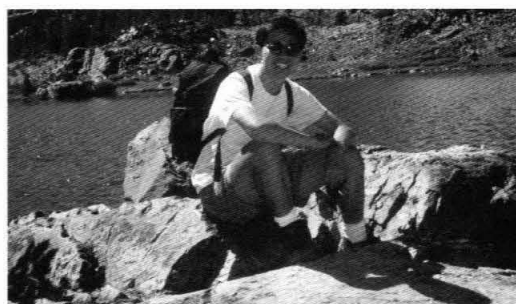
Tai Lam

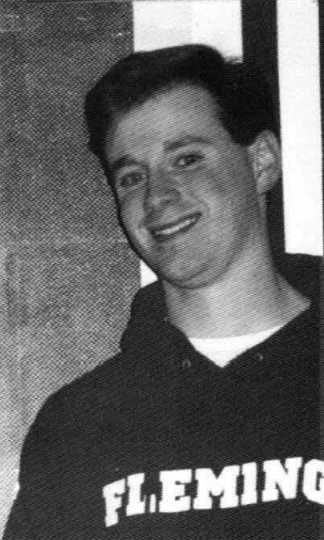
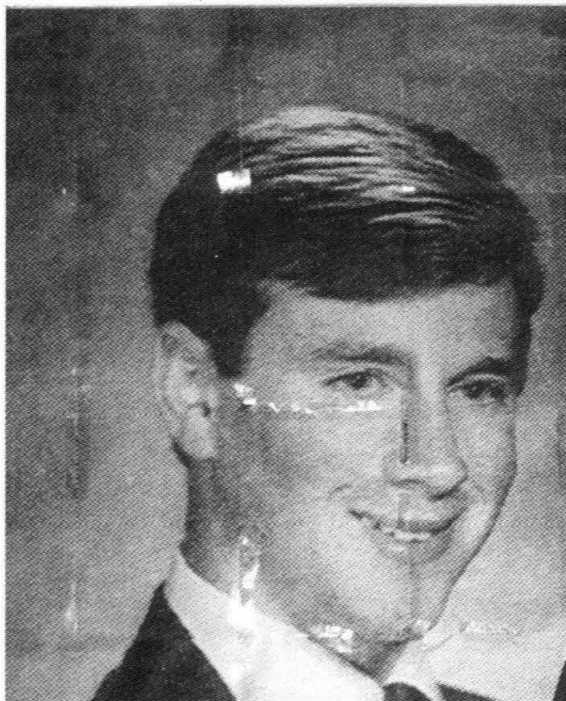


## Alan Yue

*Physics*  
Glendale, California

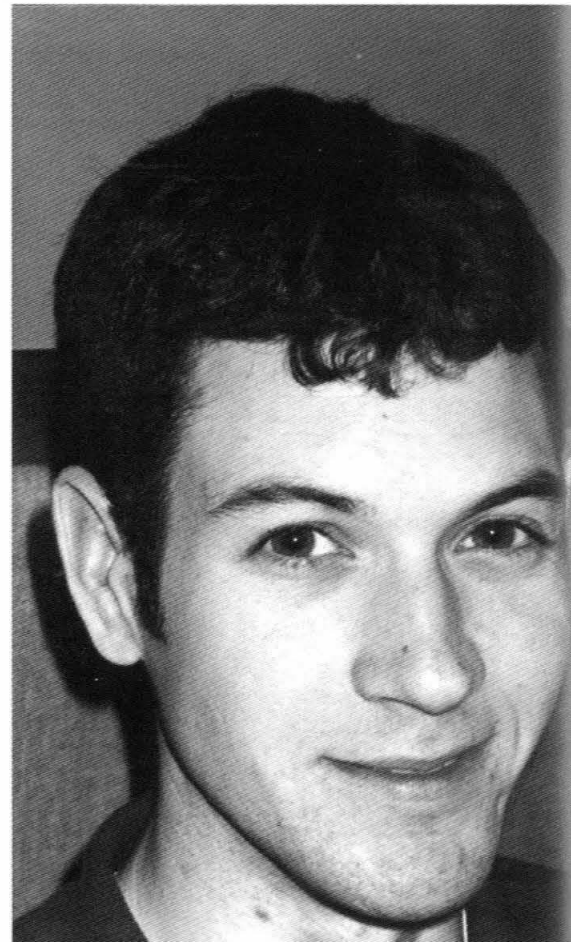
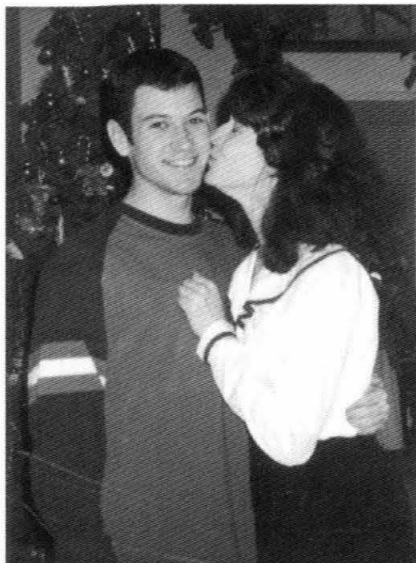
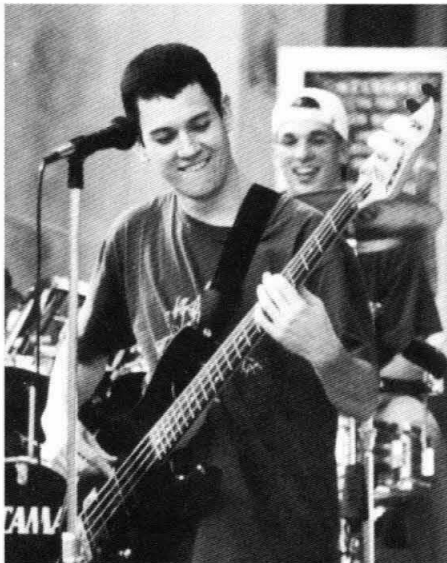
*Veritas alicubi est.*





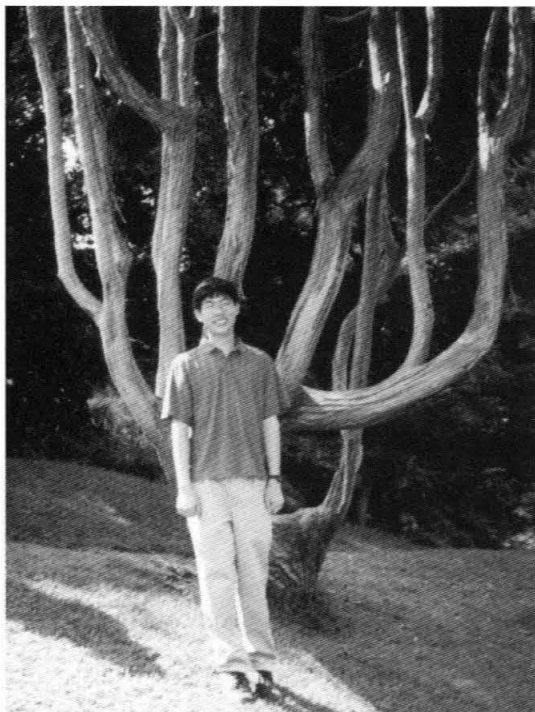
*Michael Shumway*

*Applied Physics  
The Woodlands, Texas*



*Bryan Atwood*

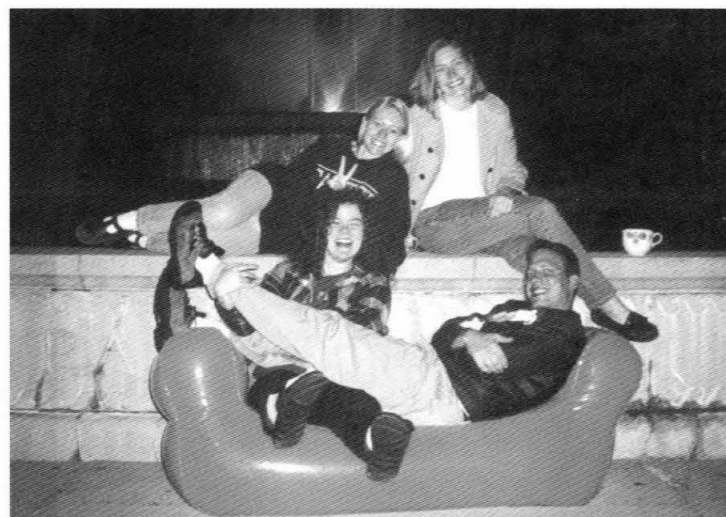
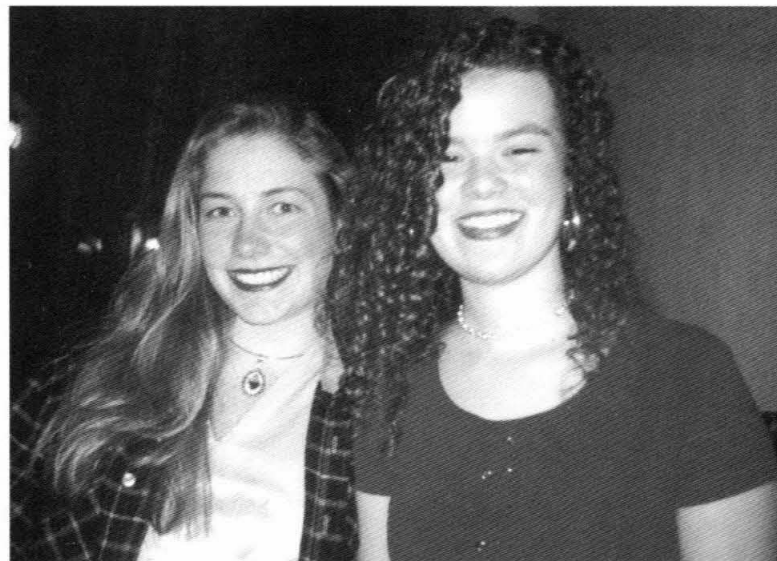
*Electrical Engineering  
Ennis, Texas*



*Julius Su*

*Biology  
Boca Raton, Florida*





## Katie Stofer

Biology

Lake Jackson, Texas

*I used to be indecisive, now I'm not sure.*

*"Oh, what fun, I can't wait for the future to get here."*

- Ben Folds Five, Video

## Diana King

Chemistry

Kerrville, Texas

*"No Professor Doom's gonna stand in my way,  
mmm... I feel lucky today."*

- Mary Chapin Carpenter

*"Been knocked down by the slamming door  
Picked myself up and came back for more."*

- John Michael Montgomery

## Libby Mosier

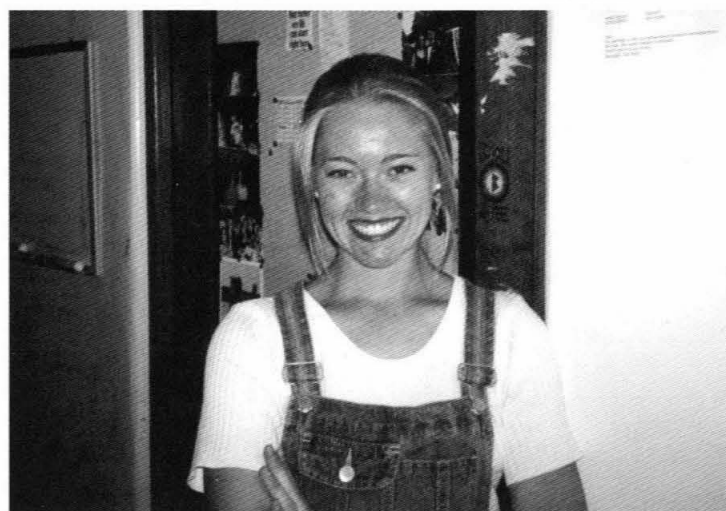
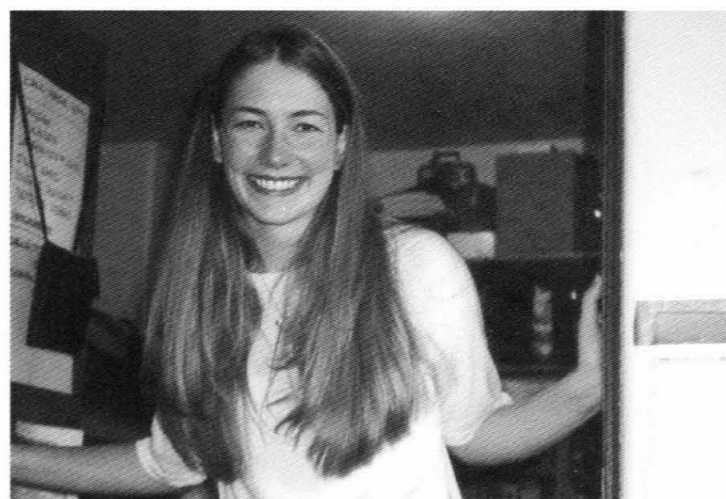
Biology

Newport Beach, California

*Merry we have met and merry we have been,*

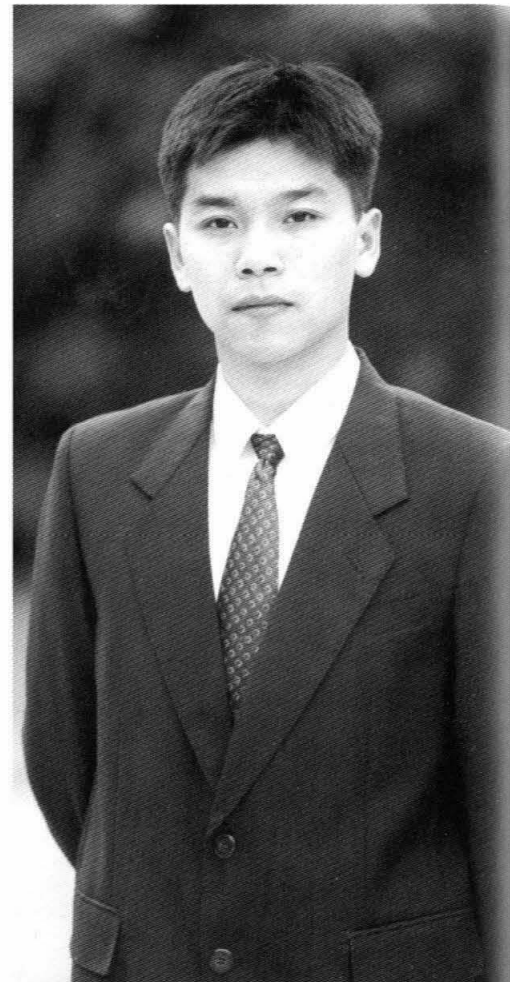
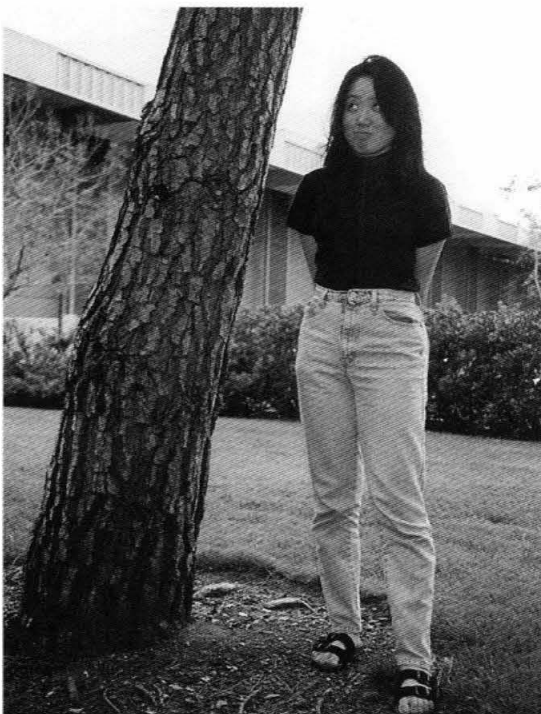
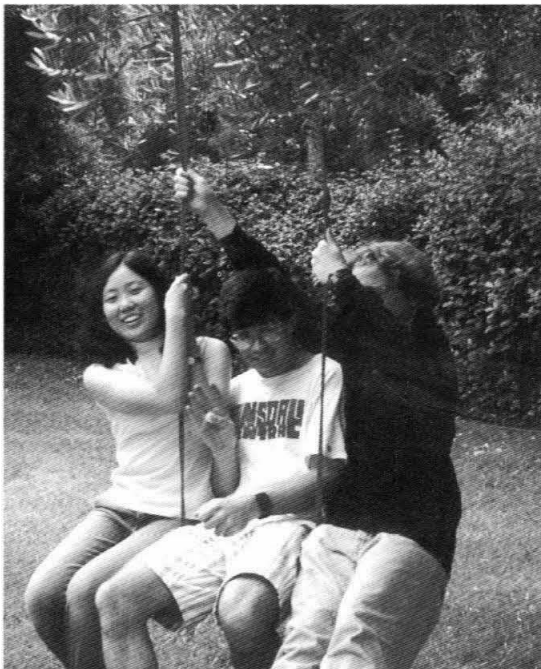
*Merry let us part and merry meet again.*

*P.S.... always take the scenic route!*



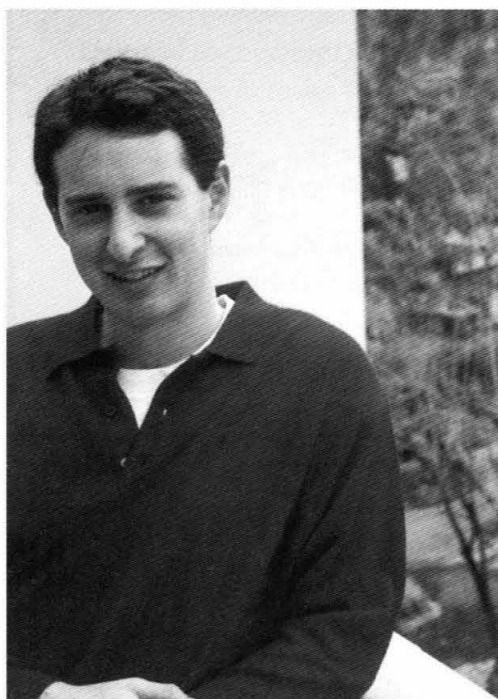
## *Niniane Wang*

*Computer Science  
Las Vegas, Nevada*



## *Hui Jin*

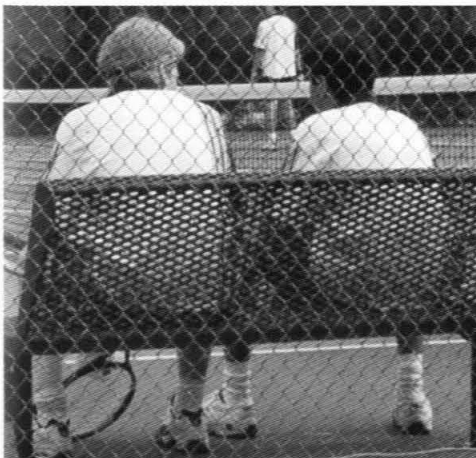
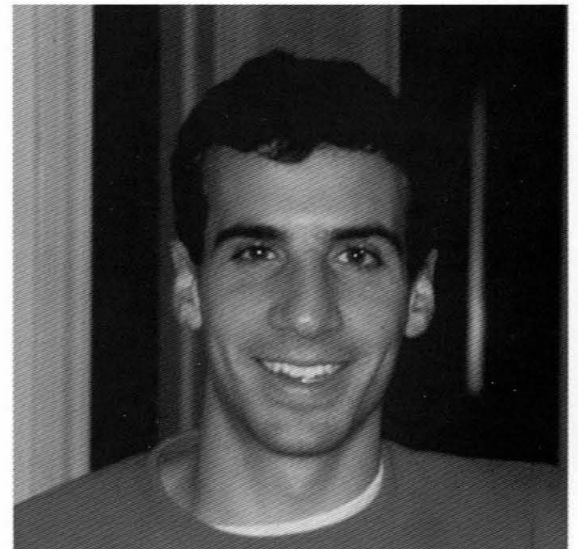
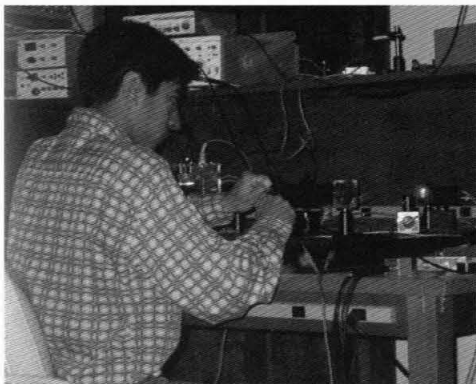
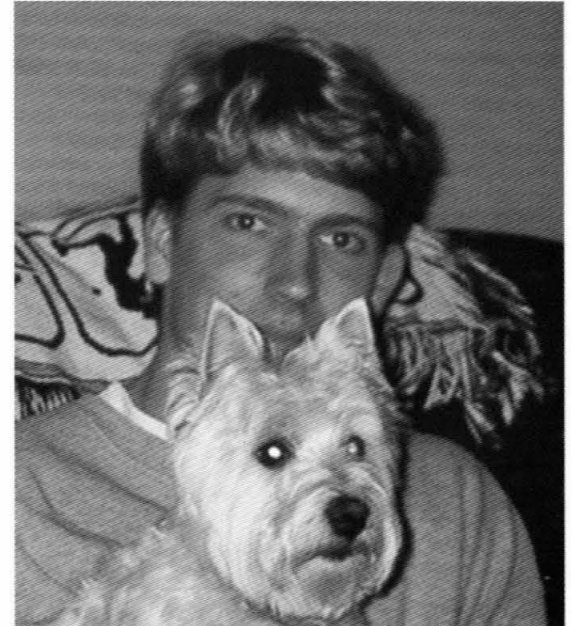
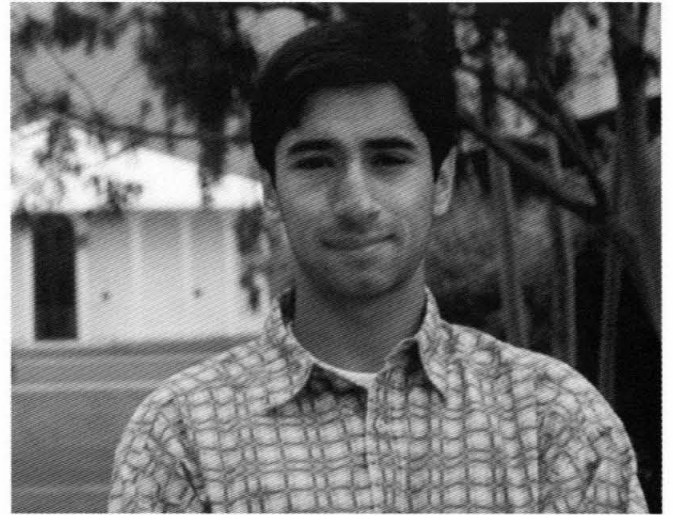
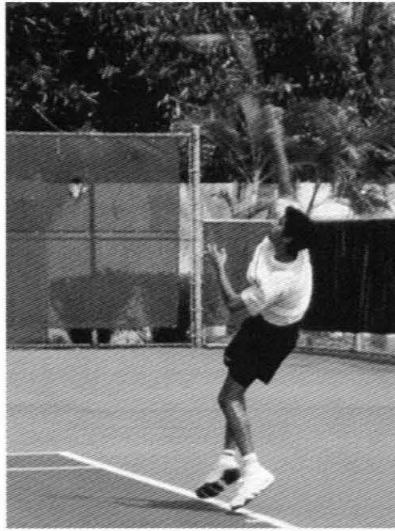
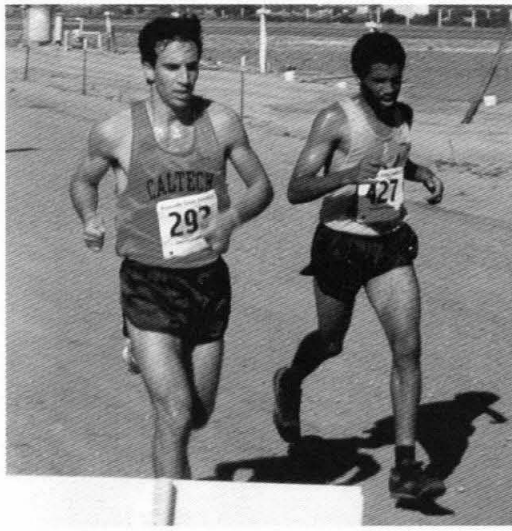
*Electrical Engineering  
Shanghai, P.R. China*



## *Eric Dennis*

*Physics  
San Diego, California*





*Ronak Bhatt*

*Physics  
Kelseyville, California*

*Jason Jenkins*

*Chemistry  
Lawrenceville, Georgia*

*Dan Kleiman*

*Mathematics AND Economics  
Wilmette, Illinois*



## *Frances Mei-Lin Siu*

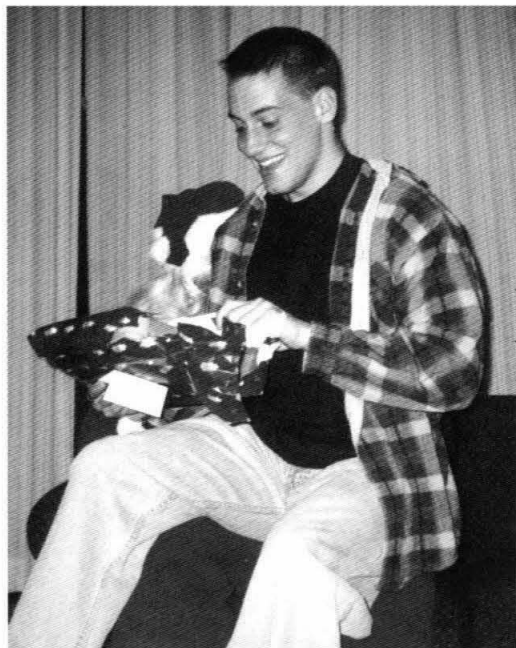
*Electrical Engineering  
Thousand Oaks, California*



## *Christina Marie Edwards*

*Environmental Engineering  
Fort Meyers Florida*

*"You live only once, but if you work it right, once is enough"  
-Fred Allen*



## *Andrew Silberfarb*

*Physics  
Irvine, California*





## Ryan Clancey

Applied Physics  
Santa Clara, California

*"Alcohol: the cause and solution to all  
of life's problems."*

## David Farnham

Physics  
Azusa, California

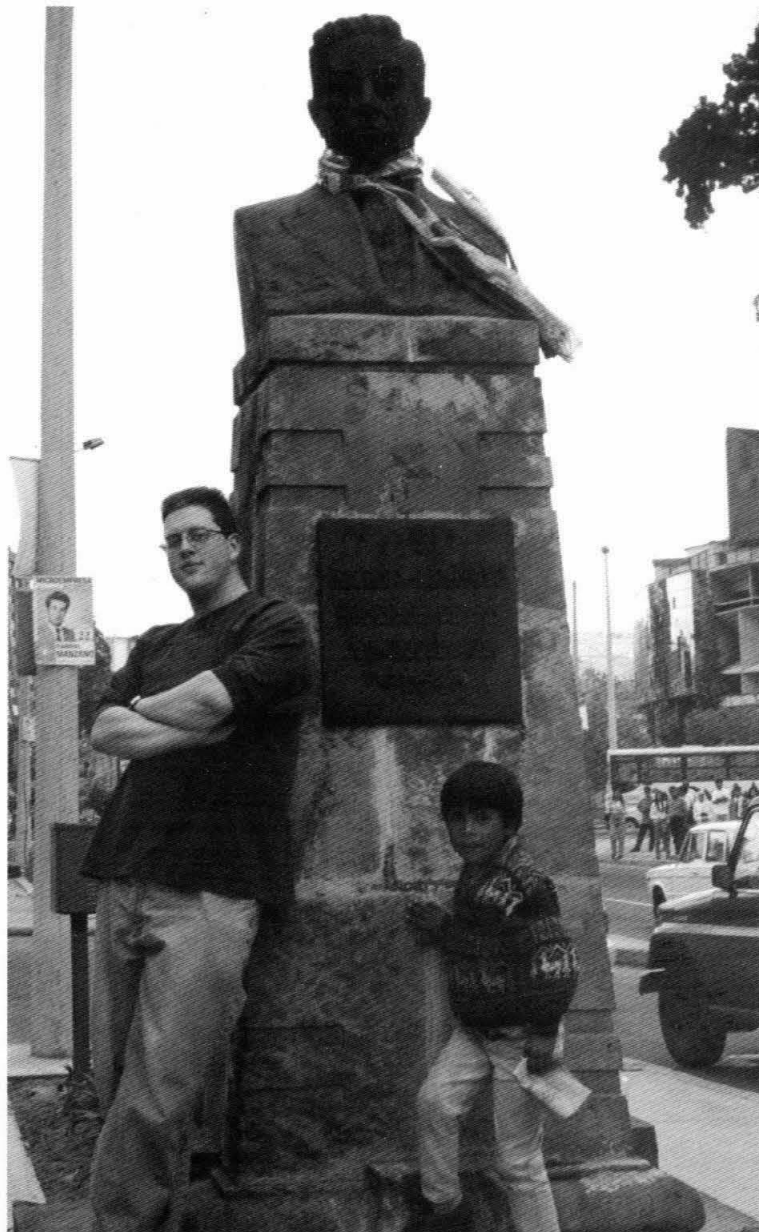
## Benjamin Miller

Mathematics  
Oberlin, Ohio

## Seong-Min Kim

Applied Physics  
West Los Angeles, California





## Geoff Smith

History AND Engineering & Applied Science  
Mobile, Alabama

"Socrates then took his place and supped with the rest, and when there had been the usual ceremonies, they were about to commence drinking, when Pausanias said, 'I can assure you that I feel severely the effect of yesterday's potations, and must have time to recover; and I suspect that many of you are in the same predicament, for you were of the party yesterday. Consider then: How can the drinking be made easiest?'

I entirely agree, said Aristophanes, that we should, by all means, avoid hard drinking, for I was myself one of those who were yesterday extremely drowned in drink.

It was agreed that drinking was not to be the order of the day, but that they were all to drink only so much as they pleased. Then, said Eryximachus, as you are all agreed that drinking is to be voluntary, and that there is to be no compulsion, I move, in the next place, that the flute-girl be told to go away and play to herself."

- from *Symposium*, by Plato.

## Jing Xu

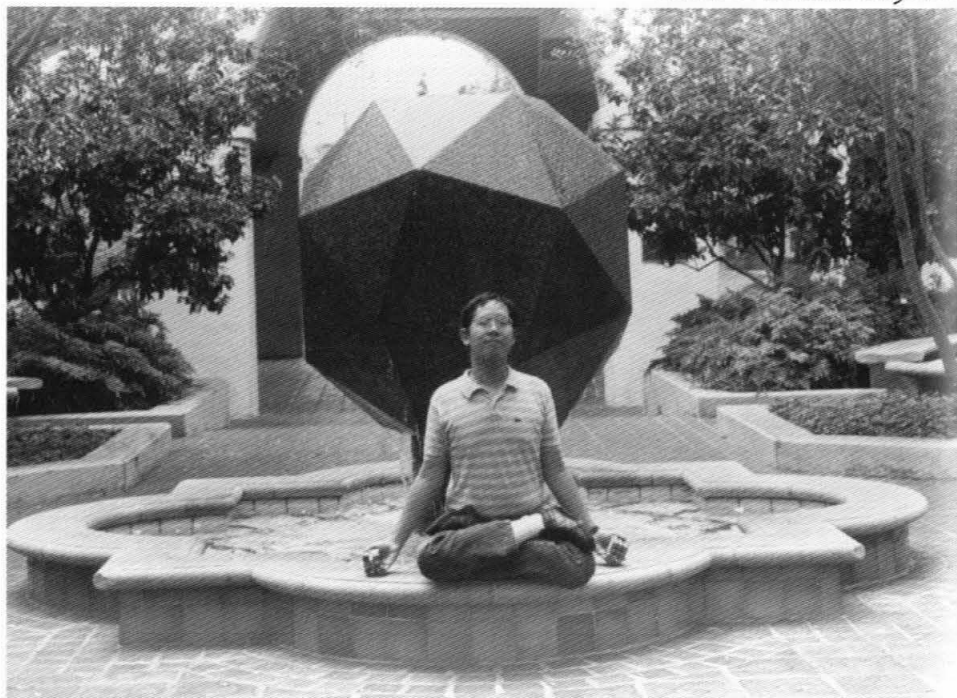
Physics  
Berkeley, California

FGD



## Wei-Hwa Huang

Computer Science  
North Potomac, Maryland





## DAVID DILLON

## ZITO

In the fall of 1993, the 105 freeway was opened, and hundreds flew out for the California Institute of Technology. They came in search of a degree.

One of them found it on the smog-choked avenues of Pasadena... wealth, power and homework sets beyond his wildest dreams.

He was David Dillon. The world will remember him by another name

... ZITO



He loved Tech.  
With a vengeance.

David Dillon gives an unforgettable performance as Zito, one of the most ruthless nerds ever accepted to Caltech, in this gripping documentary inspired by thousands of other nerds who preceded him since 1891.

Directed by hit-maker Julie Magno and produced by Santo William who brought you the legendary saga, SIS: Wassup Now Mutha Fukka?, Zito follows the violent career of a small-time New York refugee engineer who stops at nothing to earn a degree. Gunning his way to the top of Los Angeles's amphetamine empire, Zito (David Dillon) and his sidekick Miguelito (Mikey Herrera) set out to pursue a twisted version of the B.S. degree, E&AS, by becoming Dabney House drug trade kingpins. Under the wing of syndicate chief Paulce Rawk (Paul Miniario), Zito soon gets his first taste of caffeine in the form of Dr. Pepper. Through his addiction to the Mighty Dr., he made a timely connection with ingenious Calcuttan marijuana czar, Chari (Amalavoyal Narasima). Territories clash when drug overlord Natec Louis (Nate Lewis) impedes Zito in his expansion. A war erupts and local syndicates come together to the aid of Zito-- Phat, Krak, and 107 Houses unite to battle the overlord and his sinister henchwoman Juniko (Miss Moody). Enter the ingenue, Rhea Barboni (Bar Winnifred), and things really begin to heat up. His downfall climaxes in a hail of steel, flamethrowers, and go-go cages-- a trilogy of melees that rival the Clockwork Orange in their riotous insanity.

With an intense screenplay by Ascit Award winner Brandon Wilson, a thumping musical score by Zoot, Nym, & Stale Urine, and the fiery background of Mt. Wilson's bone-dry landscape, Zito joins the ranks of Caltech's greatest undergrad sagas, laying bare the complete failure of admissions to uphold the academic standards of one of the nation's finest institutions. The Little T calls Zito, "The bomb," while Adam Villani of the Tech applauds the film as "pompous and in-your-face, and maybe the most vicious-serious film about the nerd-undergrad experience since Real Genius."

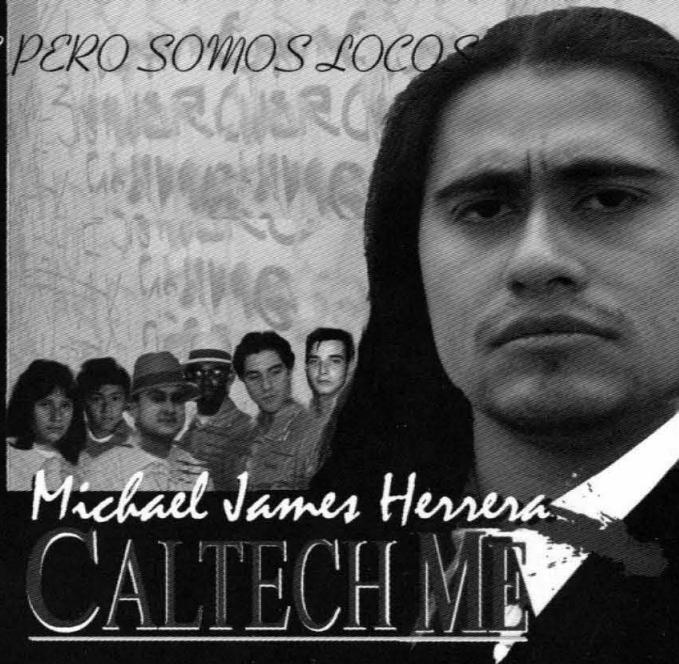


STOP THE  
VIOLENCE  
MOVEMENT



This epic depiction of the life of a Chicano Techier focuses on a youth named Herrera who, with is Caucasian-but-acting-Latino friend Zito, form their own elica at the infamous prison: The California Institute of Technology. Herrera goes straight from Garfield High School in East L.A. to prison, where he spends the next four years of his life and becomes the leader of the most powerful gang on campus: CLASES. When he is finally released, he tries to make sense of the violence in his life, in a world much changed from when he left it.

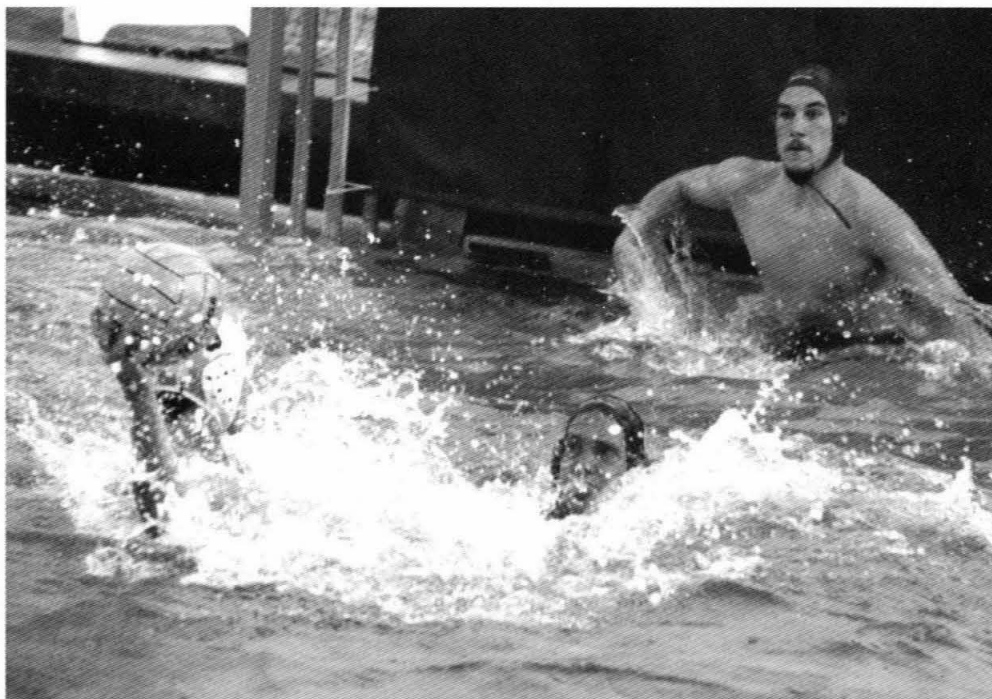
SOMOS POCOS PERO SOMOS LOCOS

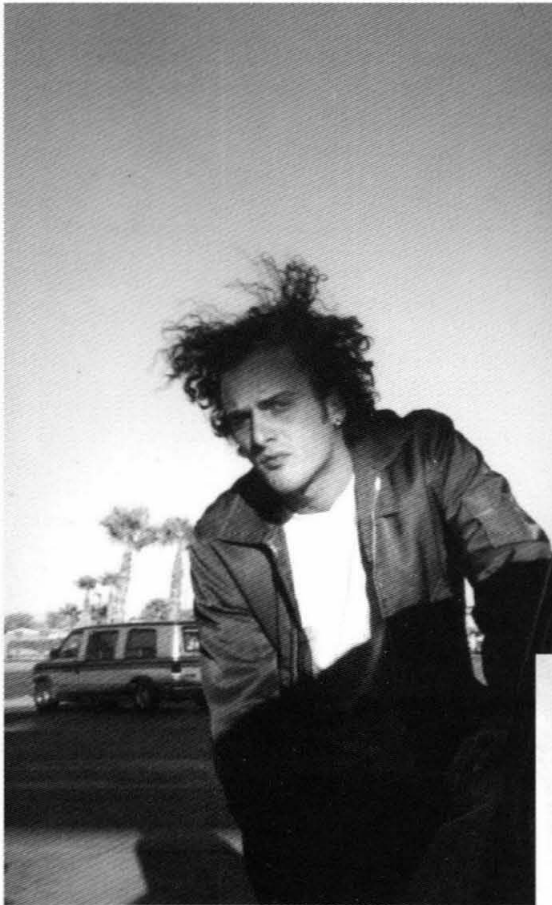


Michael James Herrera  
CALTECH ME

*Jim Pierce*  
Biology  
Danville, Pennsylvania

7 sins - 7 houses.





## *Michael Medaglia*

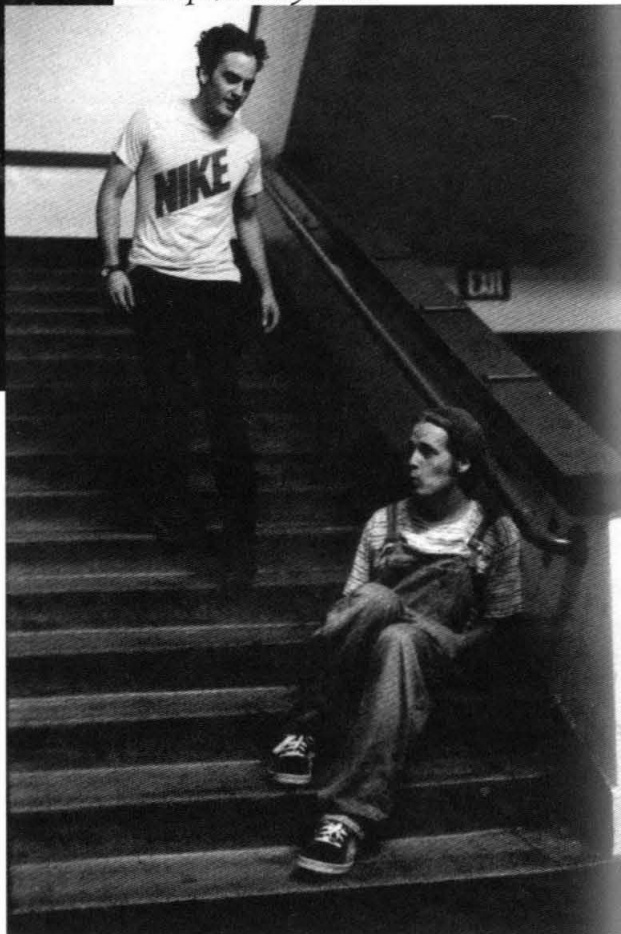
*Computer Science  
Flushing, New York*

## *Steve Glista*

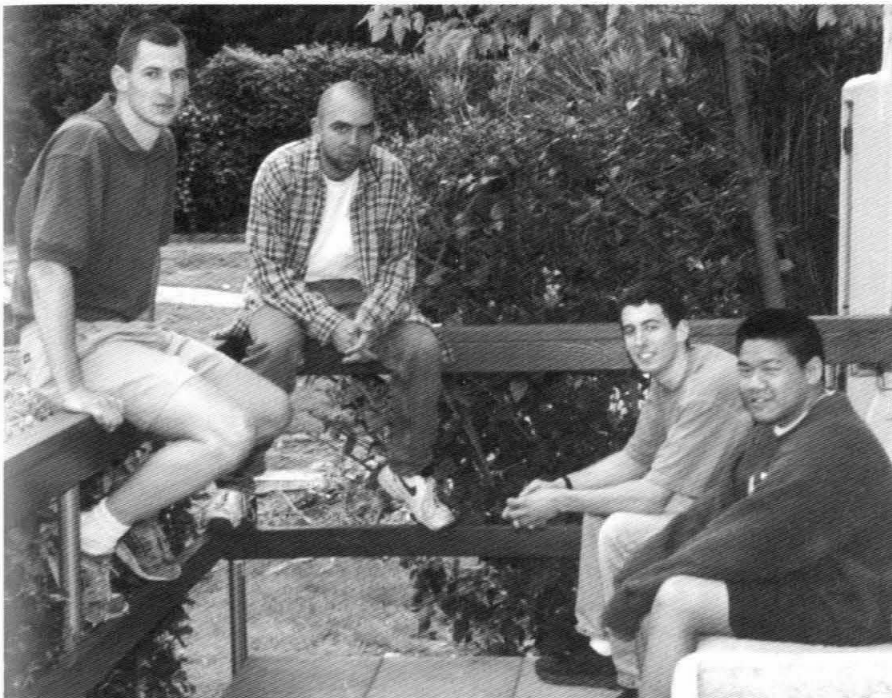
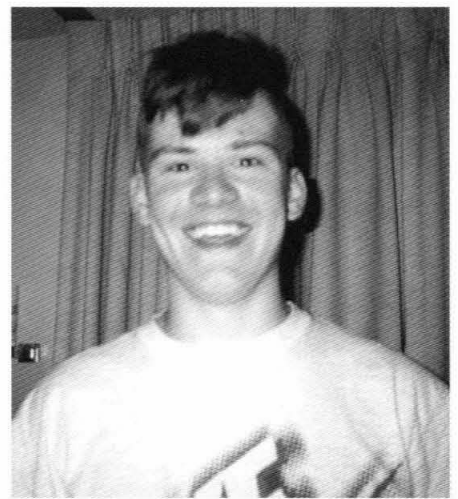
*Biology  
Kalamazoo, Michigan*

## *Robert H S Cresswell*

*Computation and Neural Systems  
Illadelph, Pennsylvania*







## *Evan Reed*

*Applied Physics  
Rochester, Minnesota*

## *Nick Chay*

*Applied Physics  
San Jose, California*

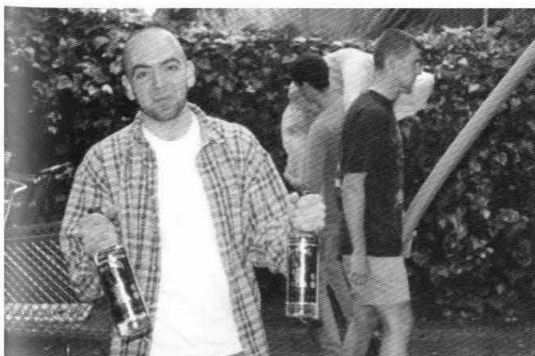
## *Brian Barris*

*Physics  
San Antonio, Texas*

## *Albert Chiu*

*Chemical Engineering  
East Brunswick, New Jersey*

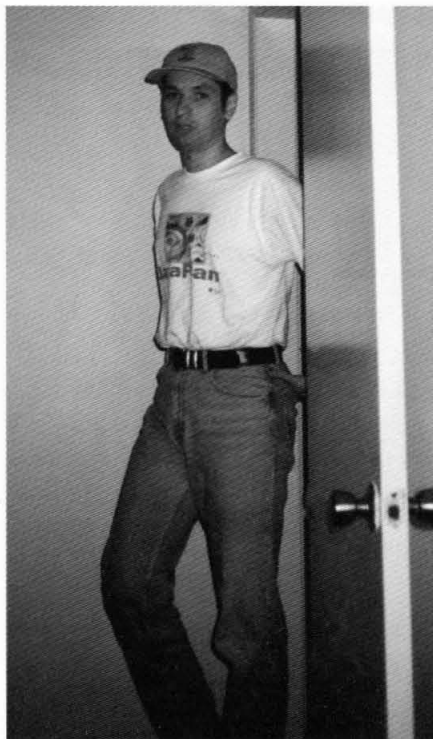
*"Think not, is my eleventh  
commandment; and sleep when  
you can, is my twelfth"*  
*-Moby Dick*





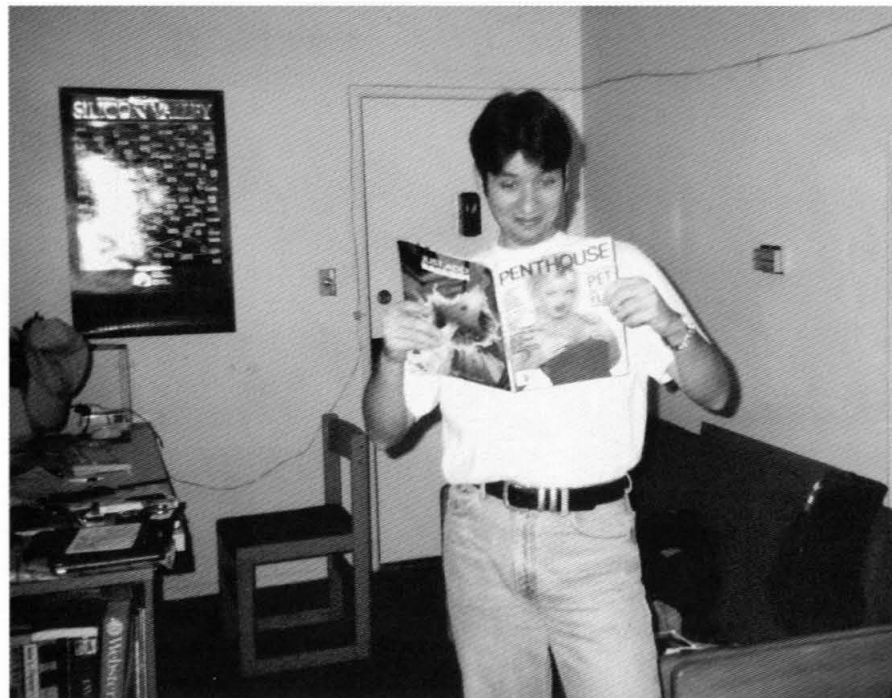
## Alexander Goretsky

Chemical Engineering  
Scranton, Pennsylvania



## Dragos A. Harabor

Computer Science  
Bucharest, Romania  
"CALTECH, pamânt românesc!"  
"Salutare si la mai mare!"  
Dragos



## Yí Lí

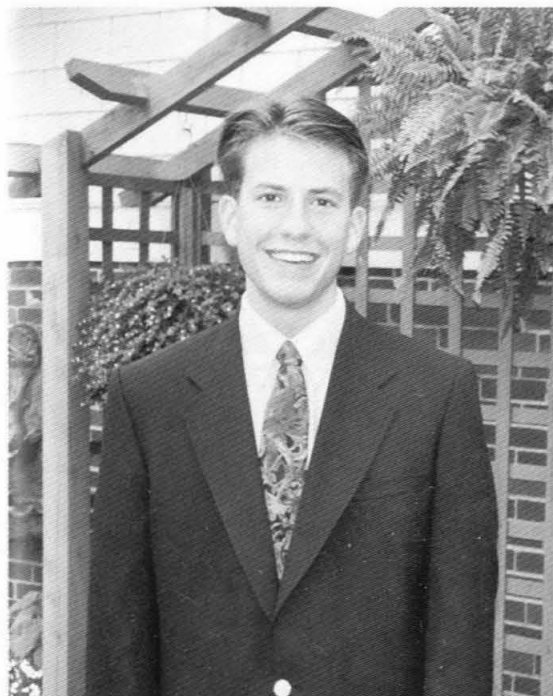
Physics  
Changsha, China

## Leonard Sung

Chemistry AND Biology  
Washingtonville, New York

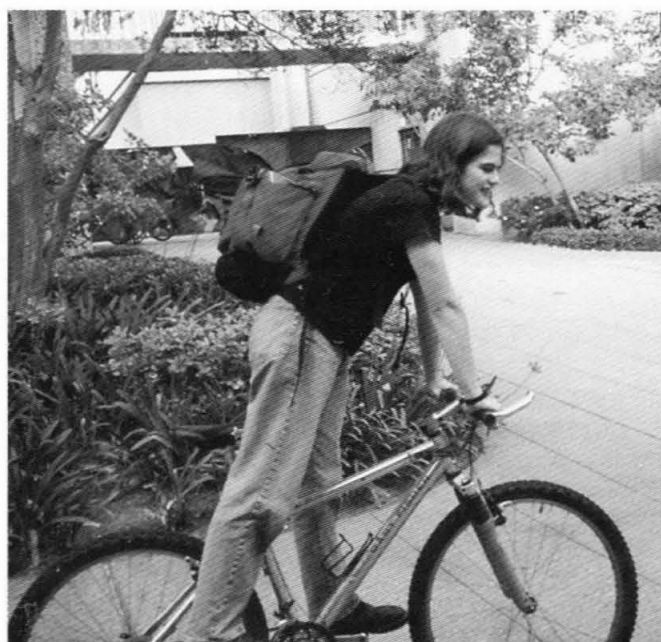
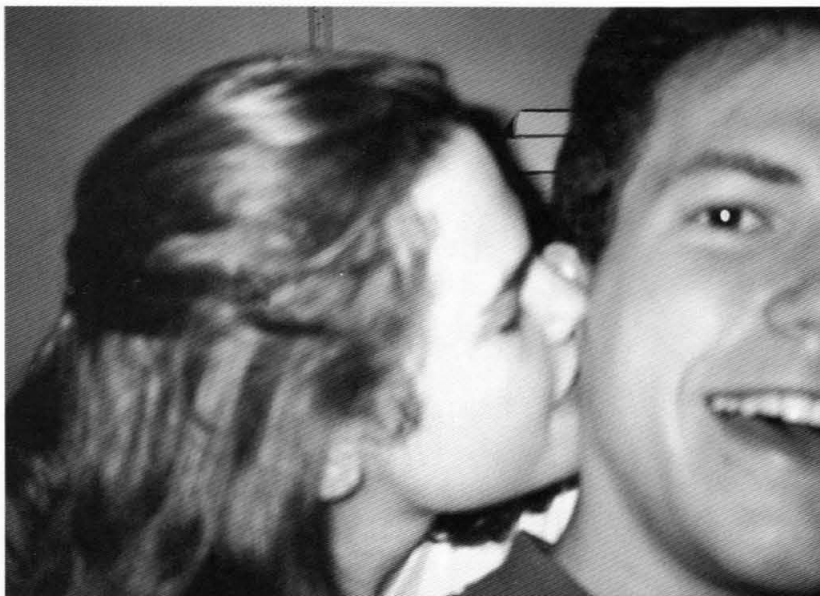






*Matt Doucleff*

*Engineering & Applied Science  
Alton, Illinois*



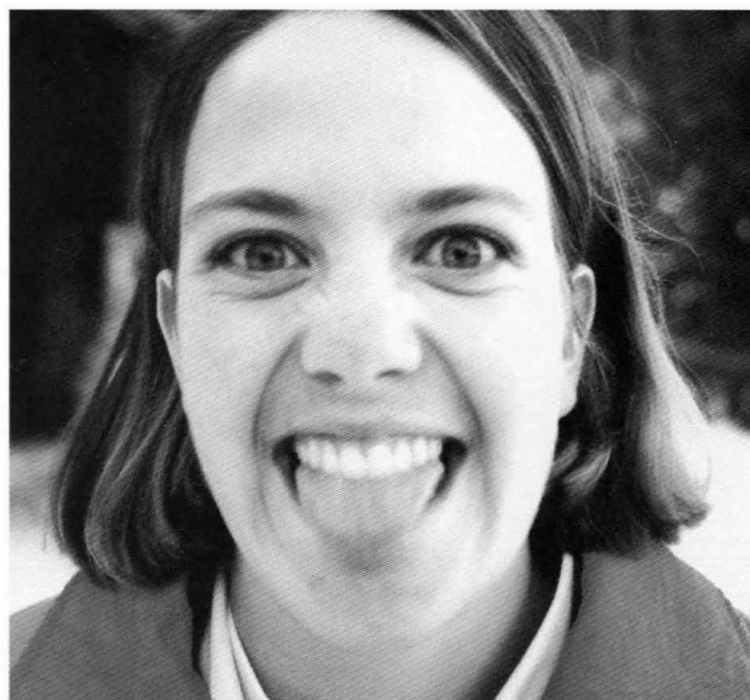
*Michaeleen Callahan*

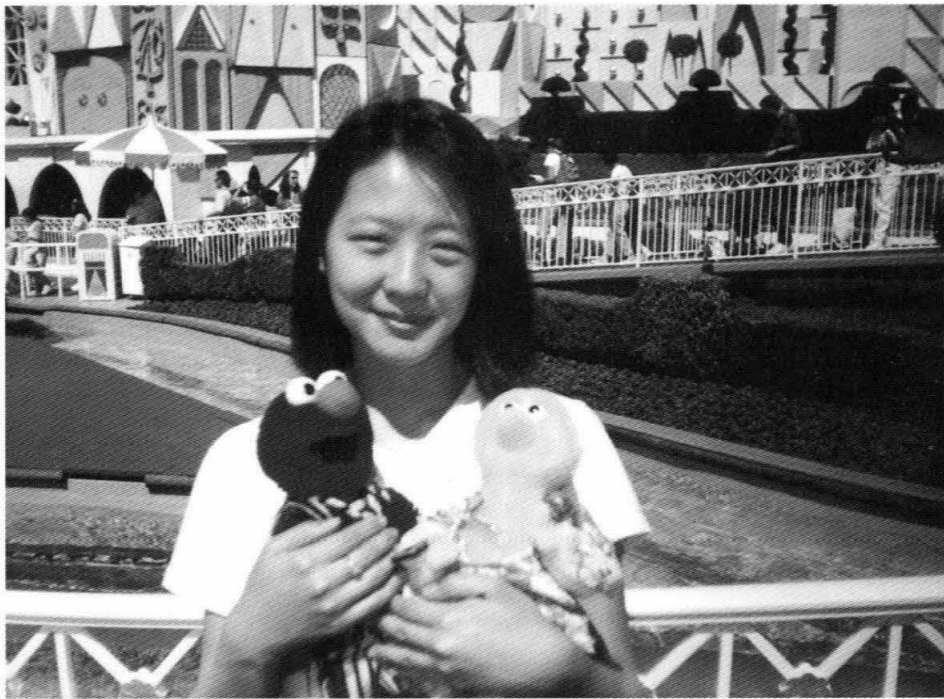
*Biology  
Leesburg, Virginia*



*Kerí Ryan*

*Engineering & Applied Science  
Boise, Idaho*





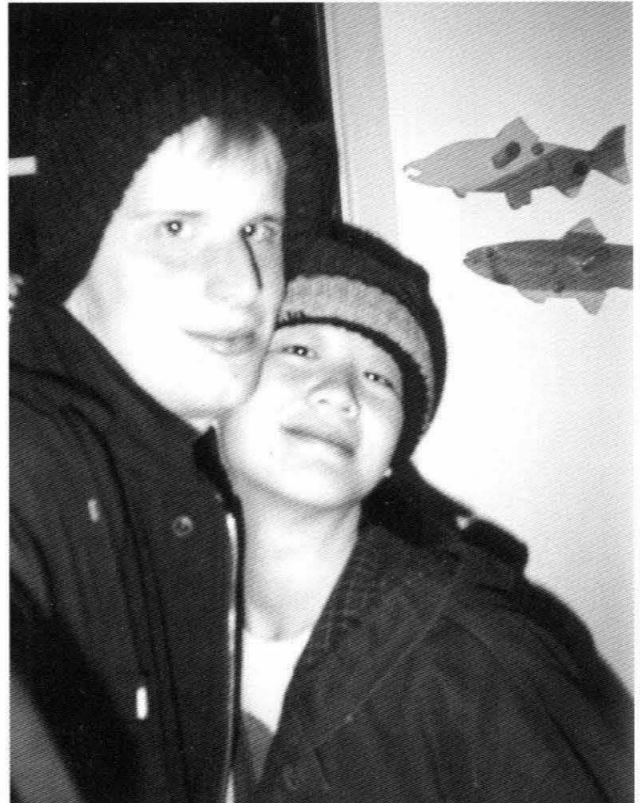
## *Maria Huang*

*Electrical Engineering  
Fremont, California*



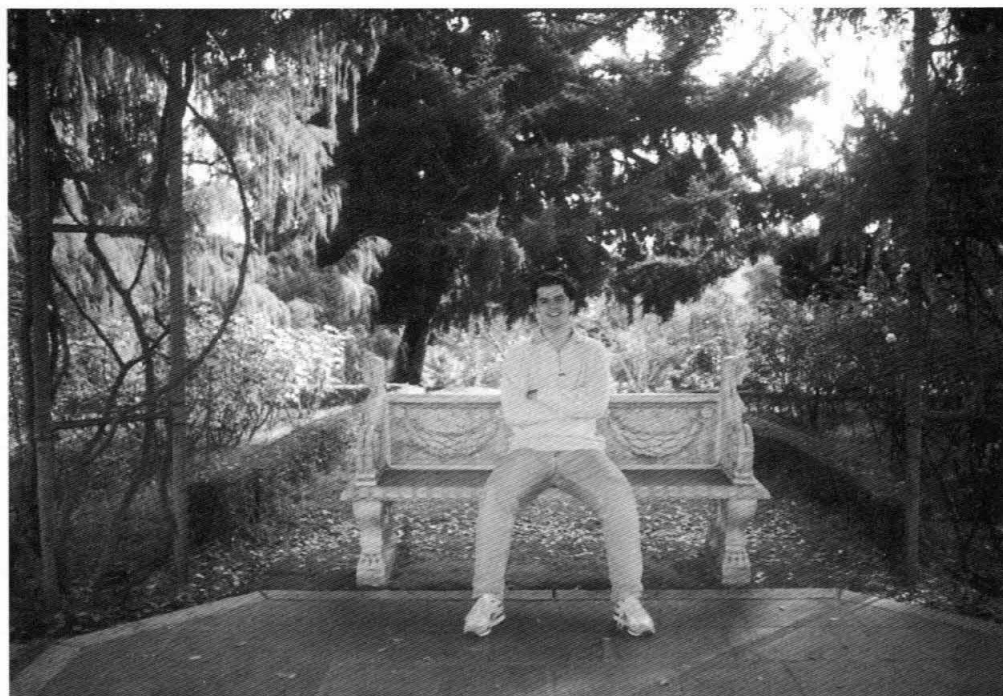
## *Bradley D. Nelson*

*Computer Science  
Seattle, Washington*



## *Vuk Mandić*

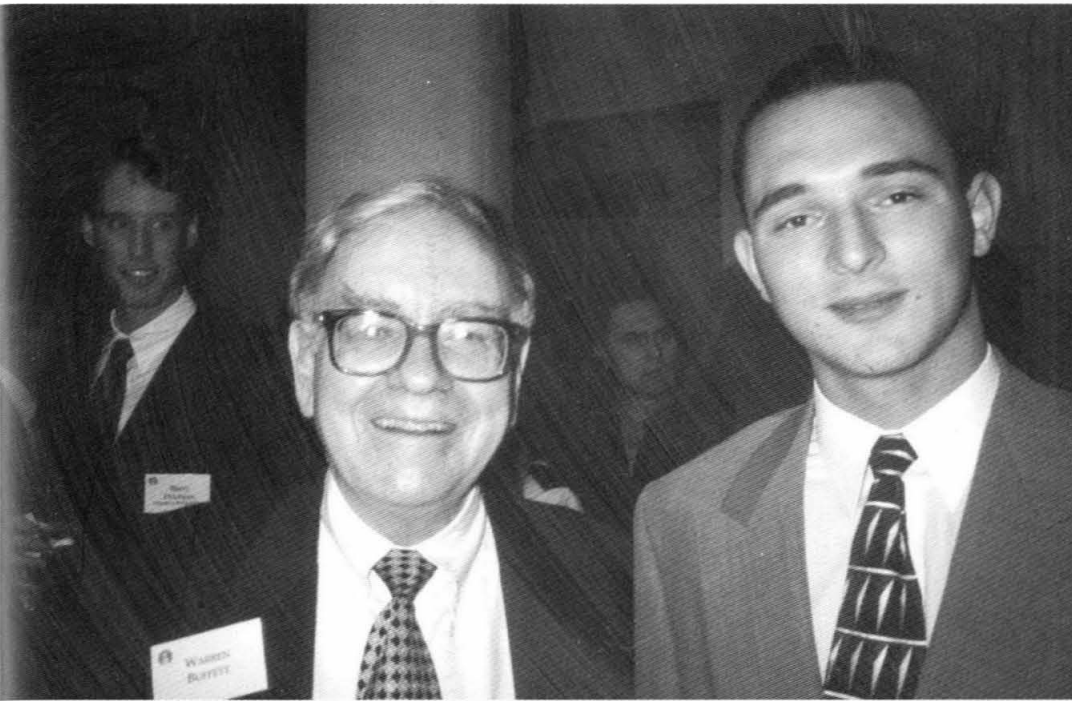
*Physics AND Astronomy  
Podgorica, Yougpslavia*





## Mike Michrowski

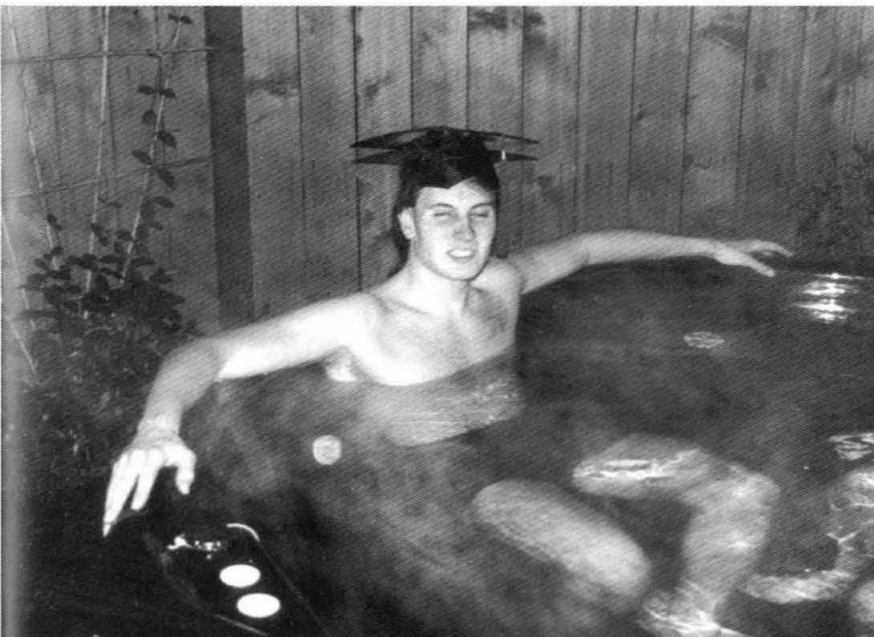
Economics AND Engineering & Applied Science  
Tarzana, California



## Roopesh Doshi

Electrical Engineering  
Simi Valley, California

*Vairam majham na kenai.*

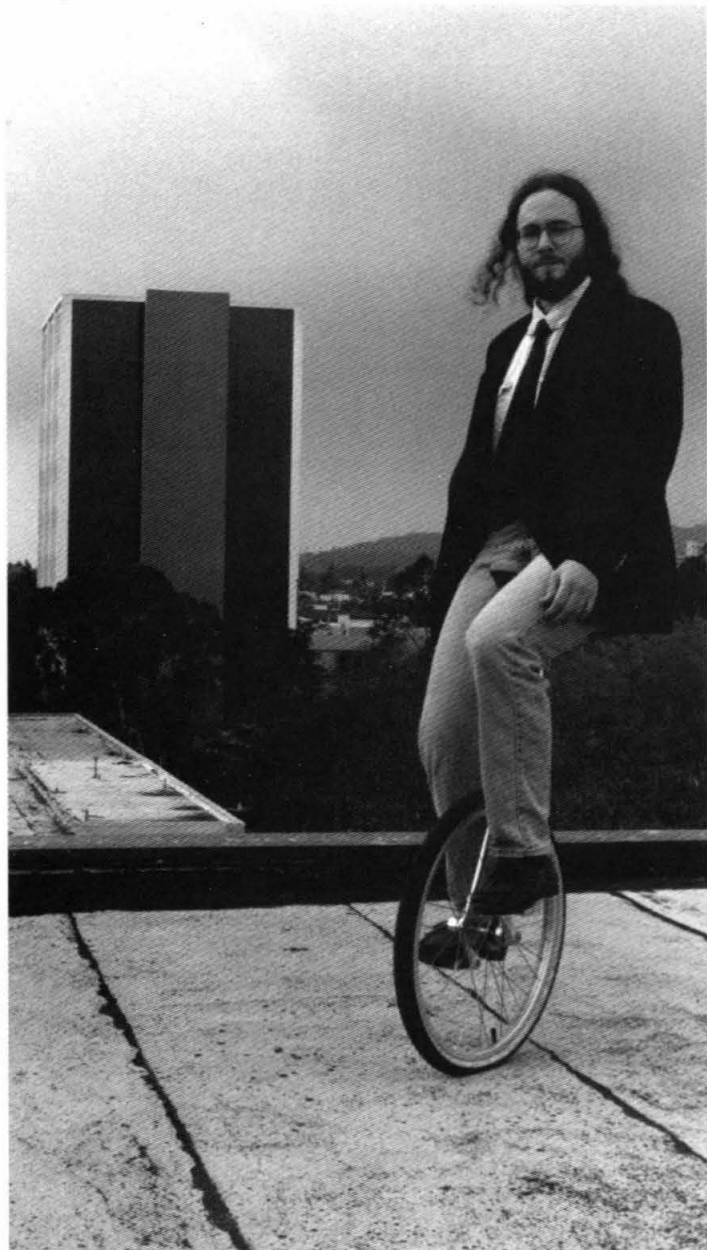


## Jake Christensen

Chemical Engineering  
Corbett, Oregon

*Do not worry about your life and what you will eat,  
or about your body and what you will wear. For life is  
more than food and the body more than clothing.*

*Luke 12:22-23*



*Dustin Green*

*Computer Science  
Timonium, Maryland*



*Robert Chen*

*Chemical Engineering  
Taipei, Republic of China*



*Michal Smulski*

*Electrical Engineering  
New York, New York*



# Jason and Jasmine Sekanina

Applied Mathematics AND  
Engineering & Applied Science

La Cañada Flintridge, California

Know the masculine,  
keep to the feminine.

-Lao Tzu

Be careful what you pretend to be  
because you are what you pretend to be.

- Kurt Vonnegut



# Erin Lynch

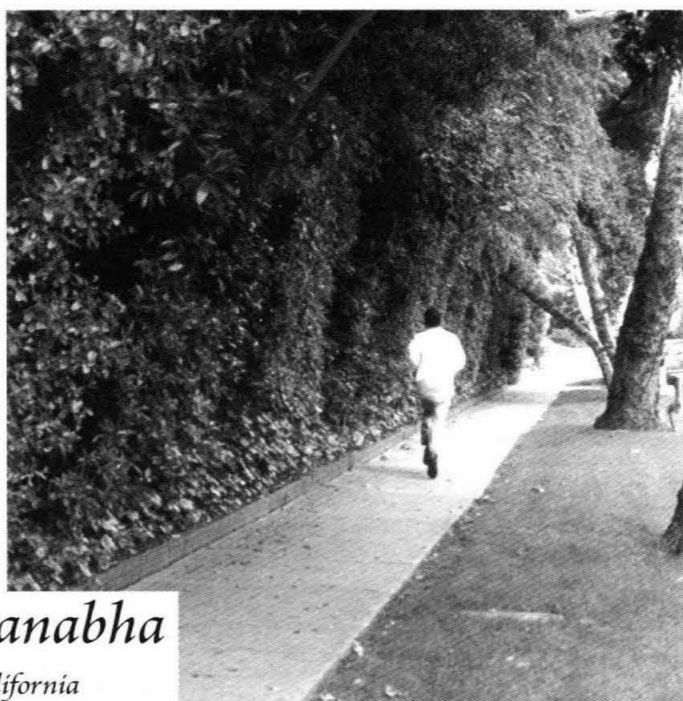
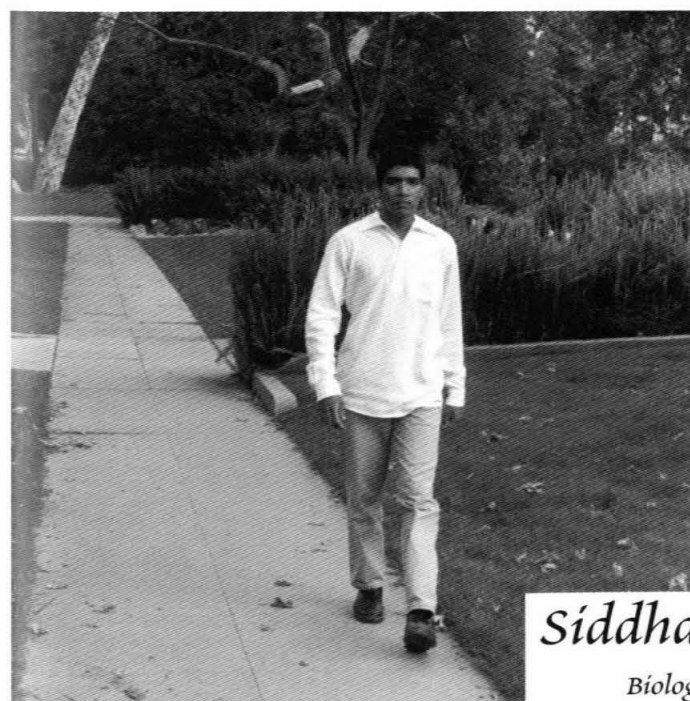
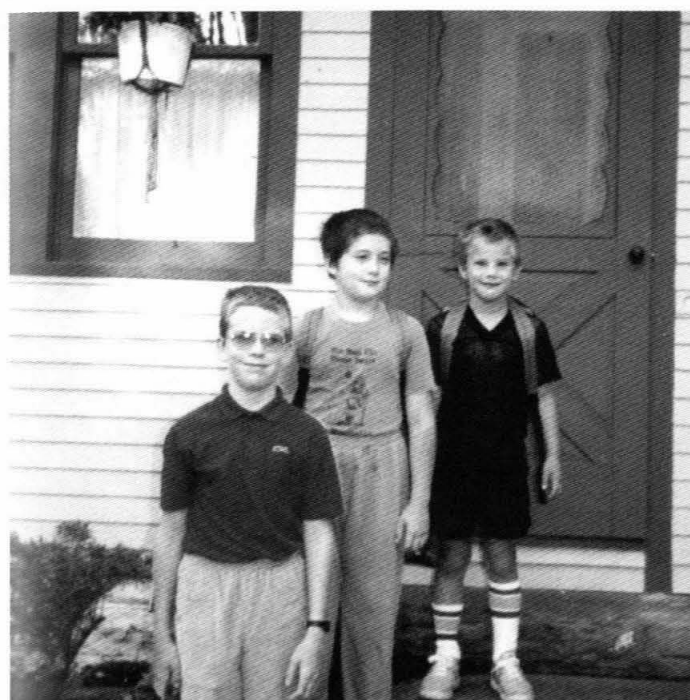
Mathematics  
Arlington, Virginia



# Jed Wing

Computer Science  
Longmont, Colorado

"We Await Silent  
Tristero's Empire"



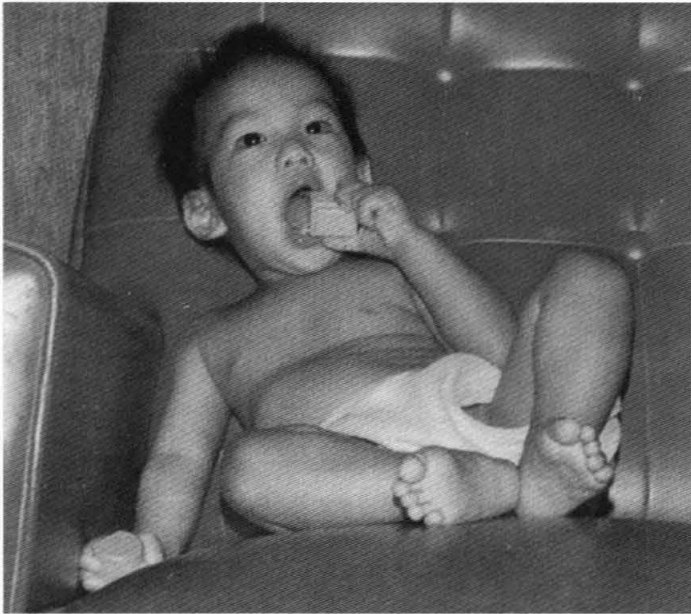
# Siddhartha Padmanabha

Biology      Anaheim, California



## Zane Crawford

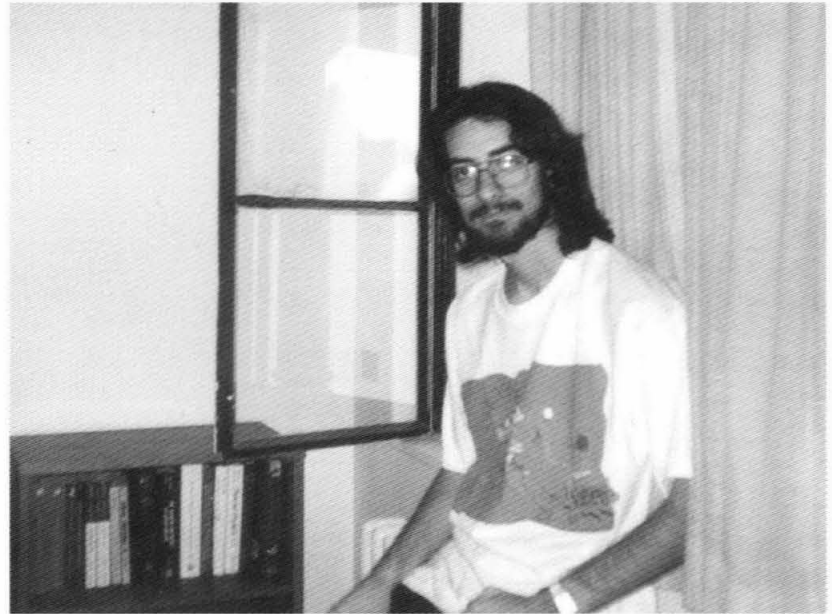
Engineering & Applied Science  
Sanger, California



## Brian Limtekai

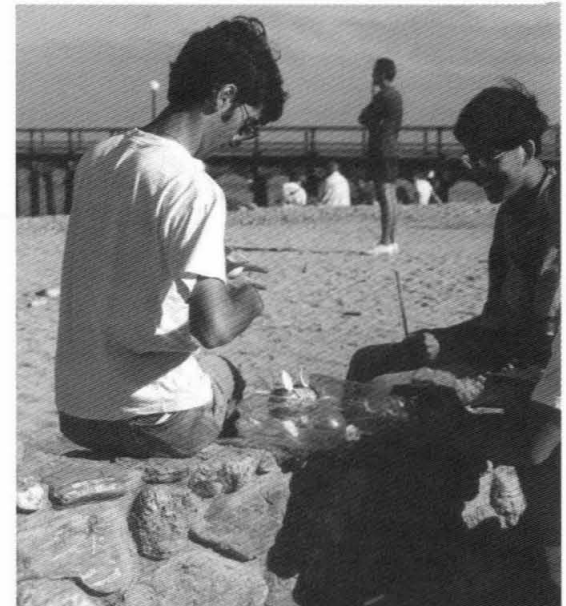
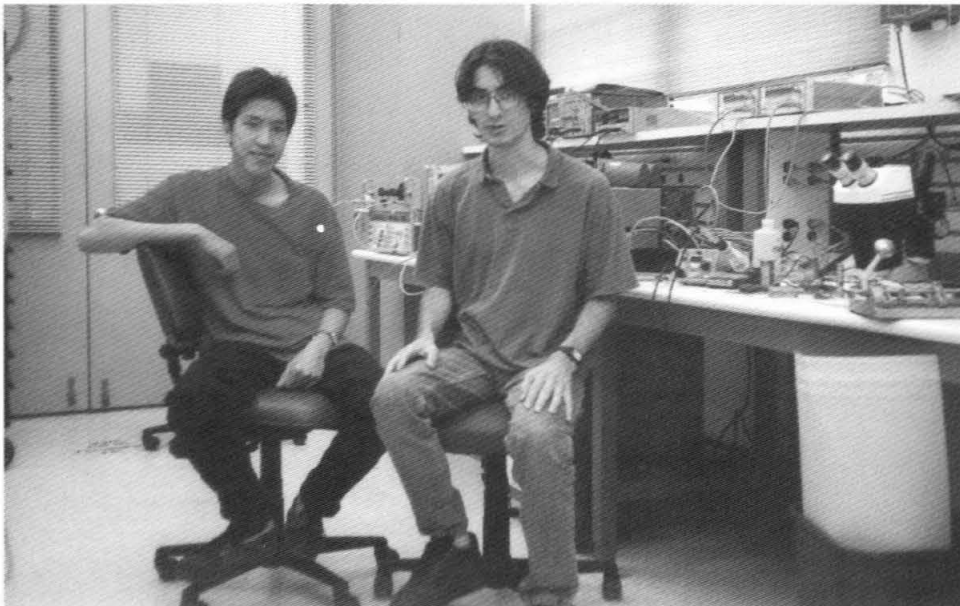
Electrical Engineering  
Arcata, California

"I'm Hungry..."  
-Brian Limtekai



## Payam Pakzad

Electrical Engineering AND Applied Mathematics  
Citizen of the World





## *Mike Davies*

*Mathematics  
Redding, California*

## *Benjamin Turk*

*Mechanical Engineering  
Nashville, Tennessee*



## *Jon "Marty" Allen*

*Engineering & Applied Science  
Dekalb, Illinois*

## *Robert Tryon*

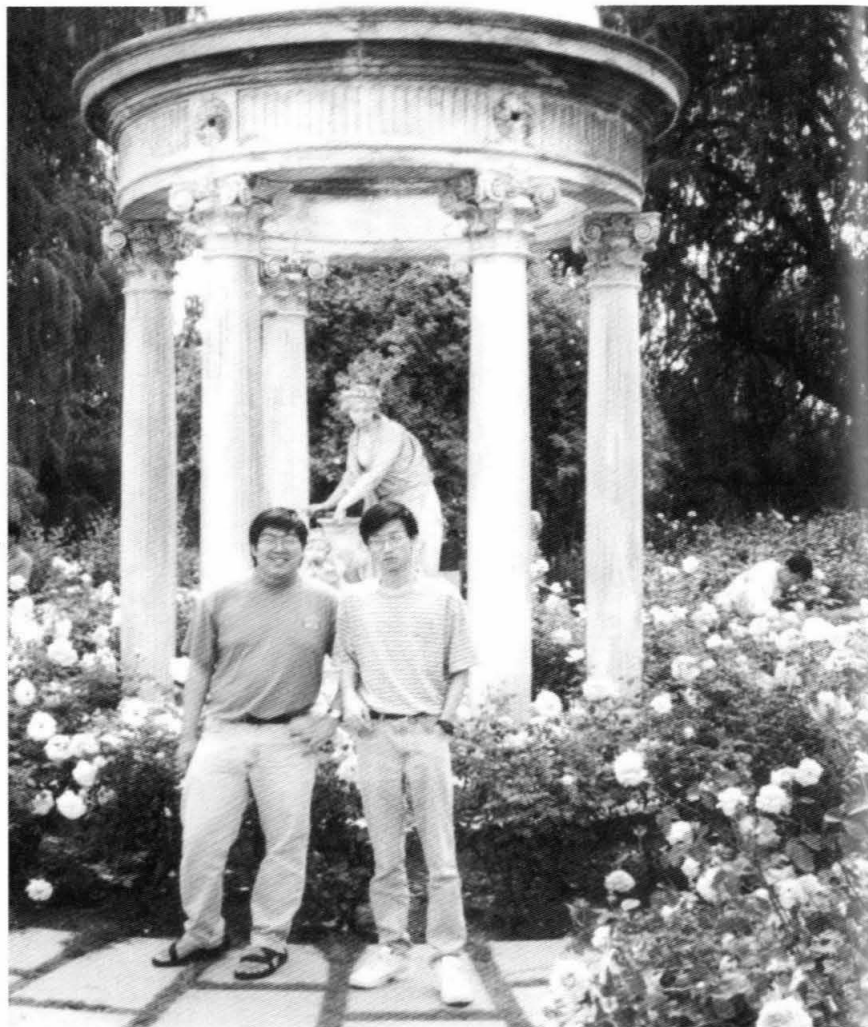
*Biology  
St. Louis, Missouri*





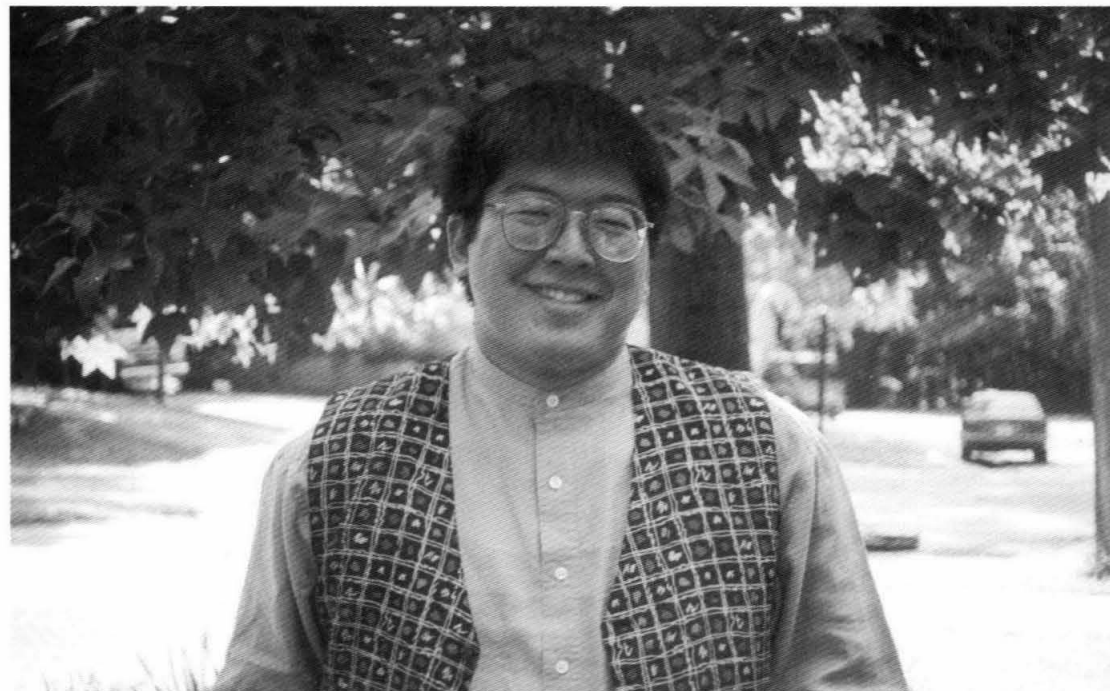
## *Vale Murthy*

*Chemical Engineering  
Morristown, New Jersey*



## *Yale Wang*

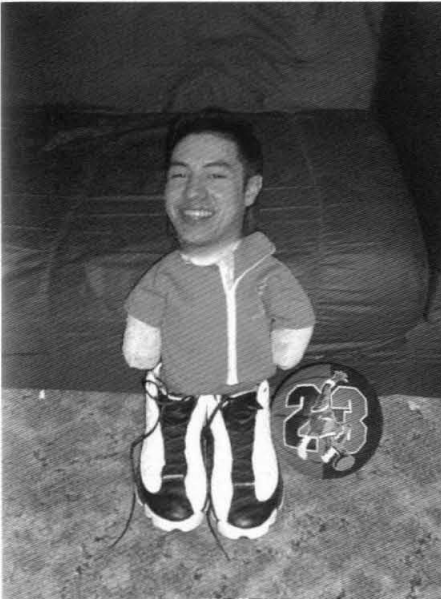
*Engineering & Applied Science  
AND Economics  
Hammond, Louisiana*





## *Bradley J. Marker*

*Computer Science  
Tokyo, Japan*

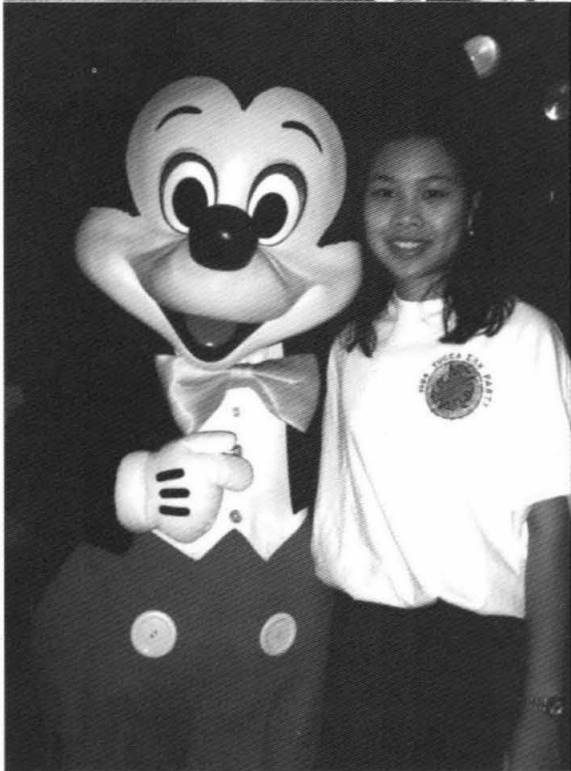
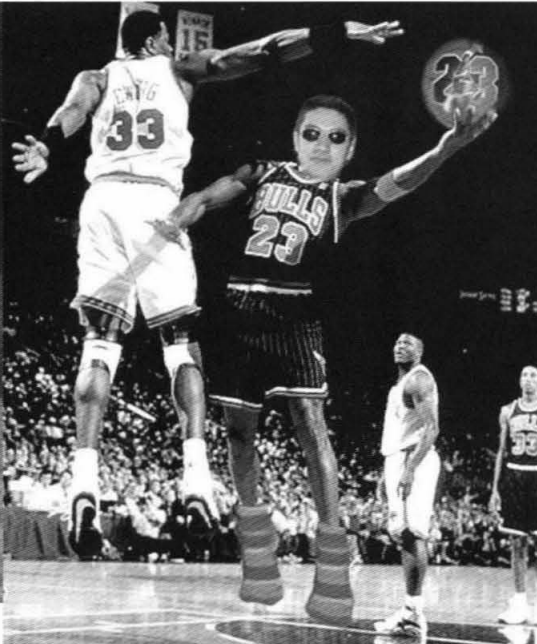




"The itsy-bitsy  climbed up the water spout. Down came the rain and washed the  out. Out came the sun and dried up all the rain. itsy-bitsy climbed up spout And the  the again."



Johanna Alicia Yao  
Chemistry  
Sugarland, TX

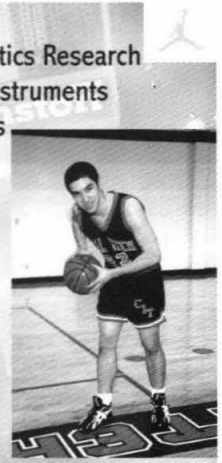


PHYSICS/MATHEMATICS  
LITTLE ROCK, ARKANSAS

Kerwyn Casey Huang  
Director Of Physics and Mathematics Research  
Heads-Up ANesthesia Graphics Instruments  
An affiliate of Nocturnal Aviations

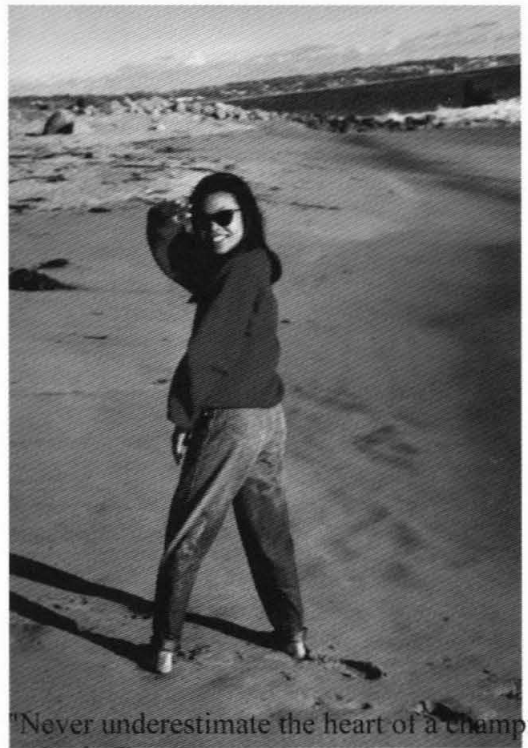
$$\begin{aligned} & (4 \text{ Yrs Caltech}) + (1 \text{ Yr Cambridge}) + (4 \text{ Yrs grad school}) = 9 \\ & \text{Resident} + (3 \text{ Yrs Fellow}) = 14 \\ & 9 + 14 = 23 \end{aligned}$$

(4 Yrs Caltech) + (4 Yrs Med School) + (1 Yr Intern) + (2 Yrs



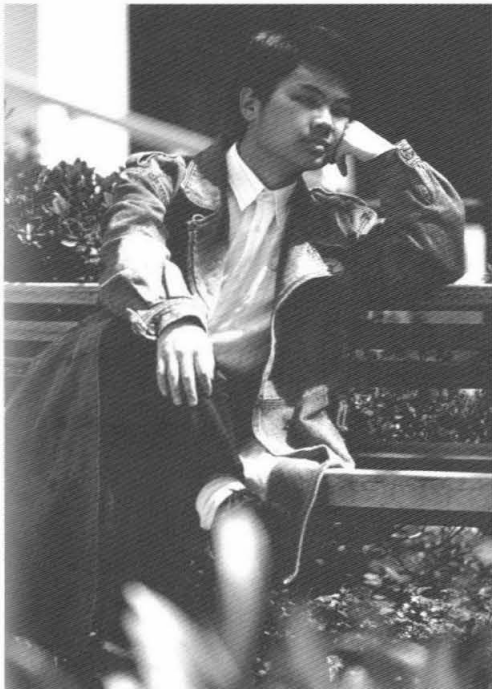
"There are more things in heaven and in earth than are dreamt of in your philosophies."

- William Shakespeare



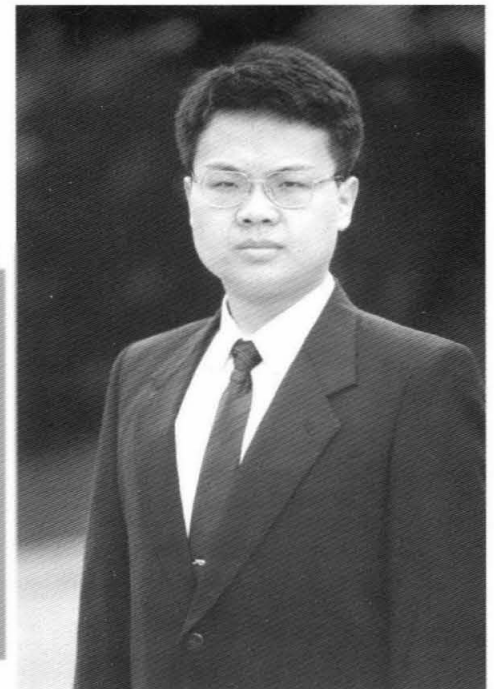
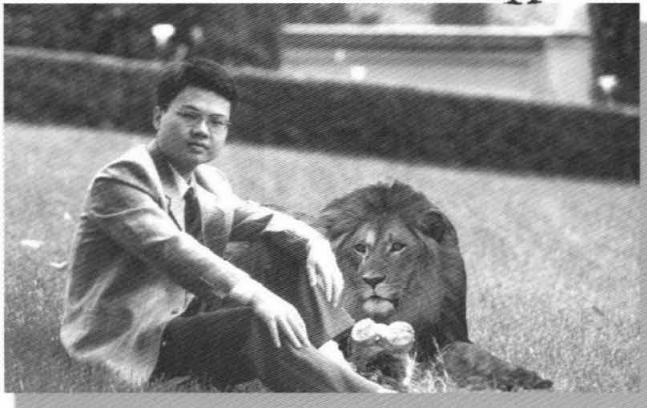
"Hear That? That's the beating of the heart of a champion."  
- Bill Whorel

"Never underestimate the heart of a champion"



## Changchun Shi

Physics AND Math  
Kaifong, Honan, P.R. China





## *Melissa Zamarrípa Saenz*

*Biology  
San Antonio, Texas*

## *Philip Charles Rodríguez III*

*Engineering & Applied Science  
San Antonio, Texas*

*"Pack your bags, we're going home!"*

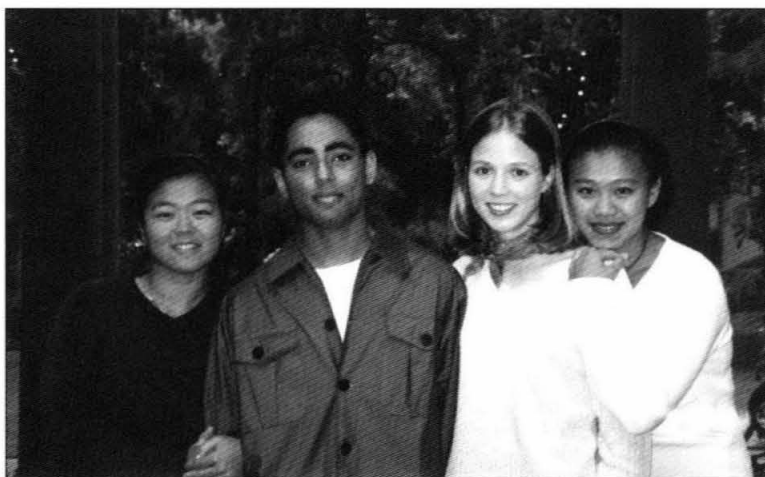
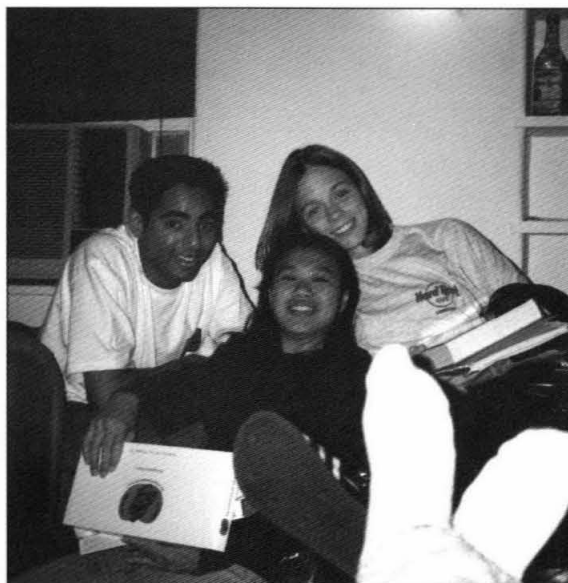


## *Jae H. Hur*

*Biology  
Seoul, Korea*

*- finding out that mountain climbing  
is NOT his thing at Mt. Fuji.*





*Emily Ho*

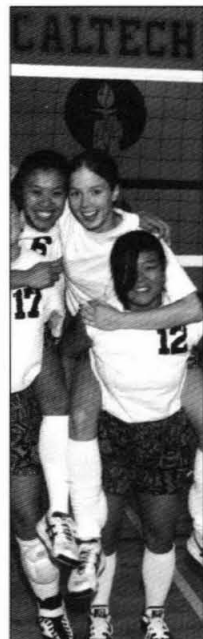
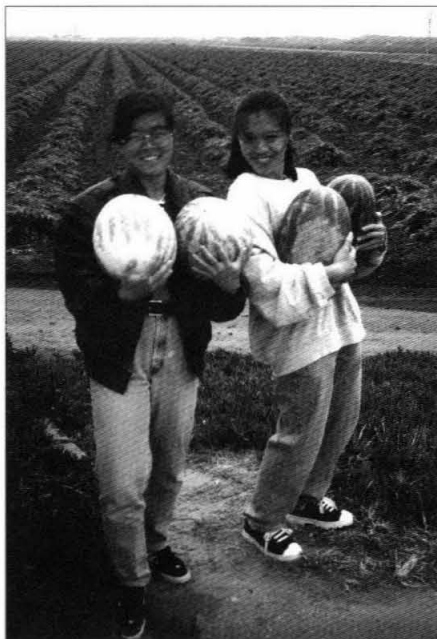
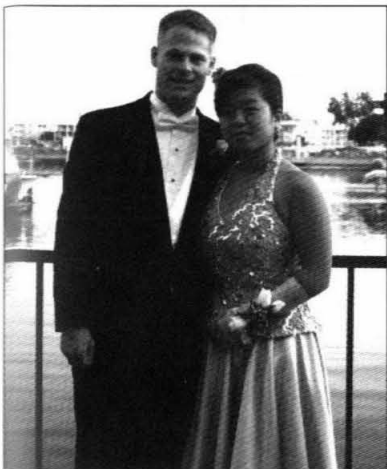
*Environmental Engineering  
Alhambra, California*

*Alexis Johnson*

*Environmental Engineering  
La Canada, California*

*Grace Yang*

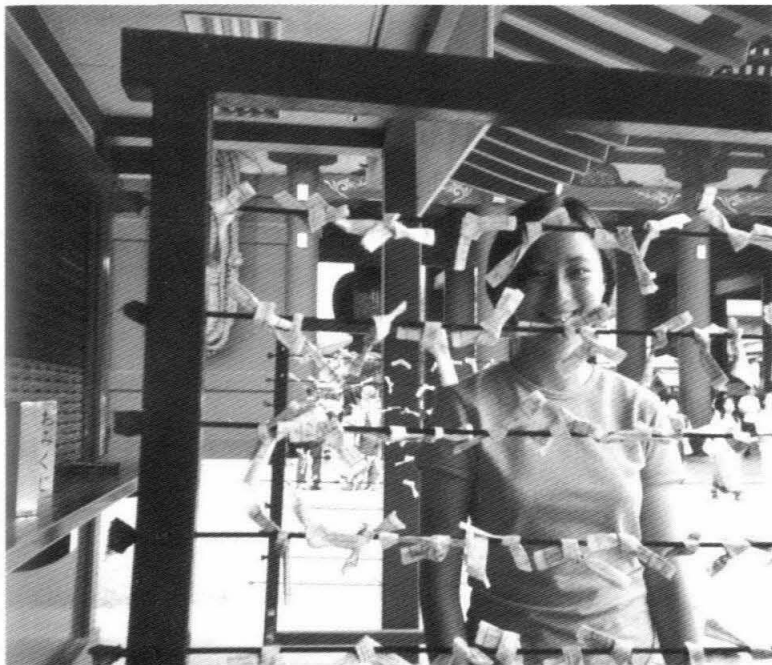
*Chemistry  
New York, New York*



*Abhay, Master of the Universe*







*Lori Hsu*

*Mechanical Engineering  
Mission Viejo, California*

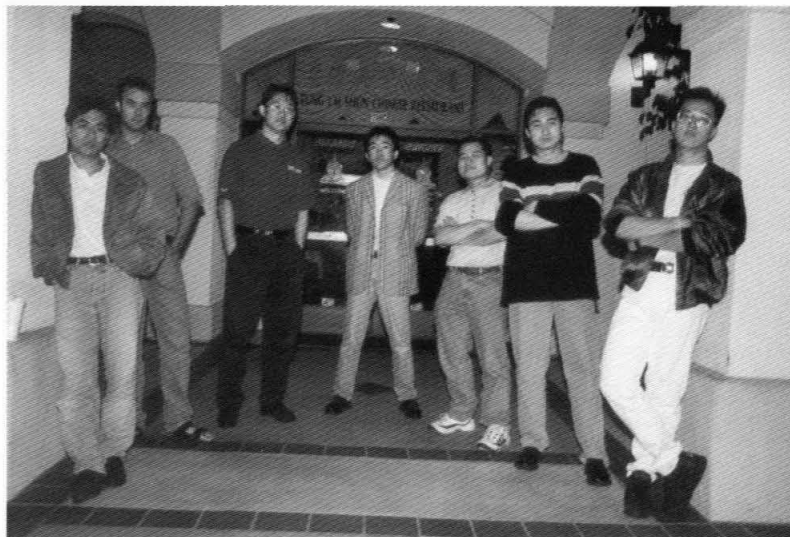
*Bradley Nakatani*

*Biology AND Chemistry  
Bellevue, Washington*



*Allen Lee*

*Chemical Engineering  
Edina, Minnesota*



*Let's go eat....*

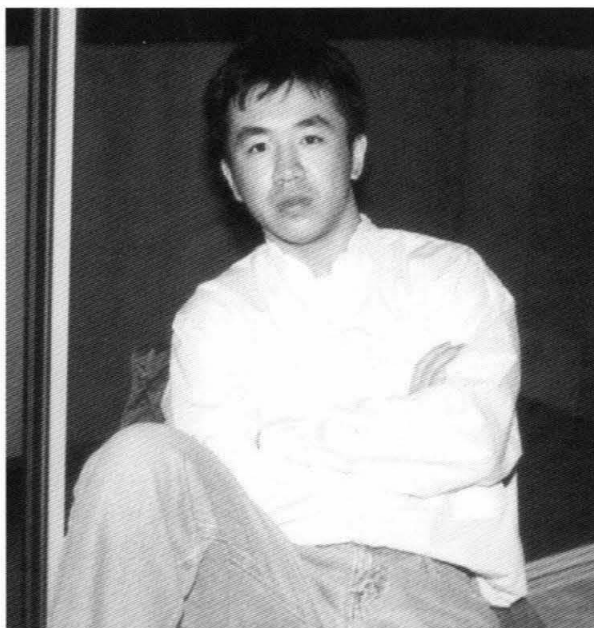


## Sam S. Li

Electrical Engineering  
Kaifeng, Henan, China

"Our greatest glory is not in never  
falling, but in rising every time we fall."

-- Confucius

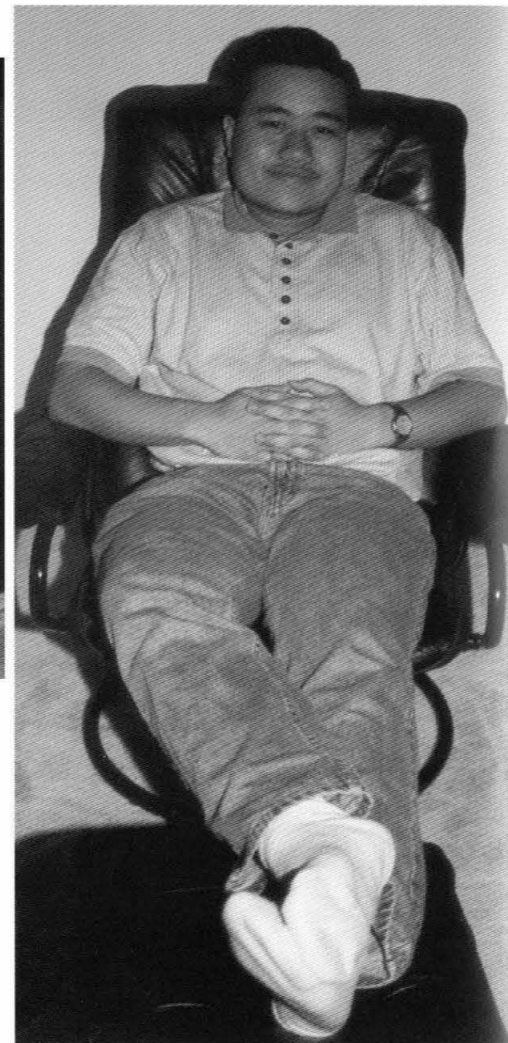


## Dazhi Chen

Electrical Engineering AND Economics  
Ninghai, Zhejiang, China

"I often quote myself. It adds spice to  
my conversation."

-- George Bernard Shaw



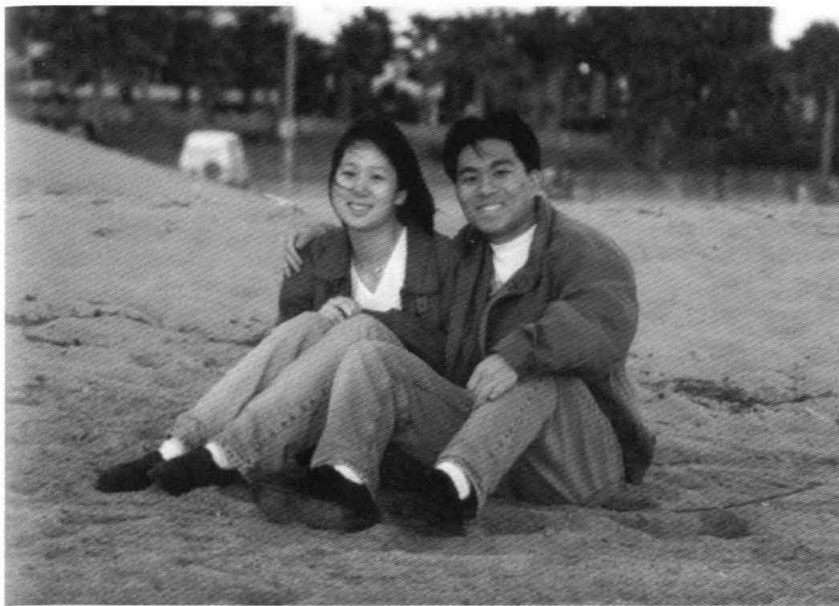
## Tak Cheung

Mechanical Engineering  
Yorba Linda, California

"I didn't fight my way to the top of  
the food chain to be a vegetarian."







# Jeffrey Li-chieh Ho

Engineering & Applied Science  
 Scottsboro, Alabama

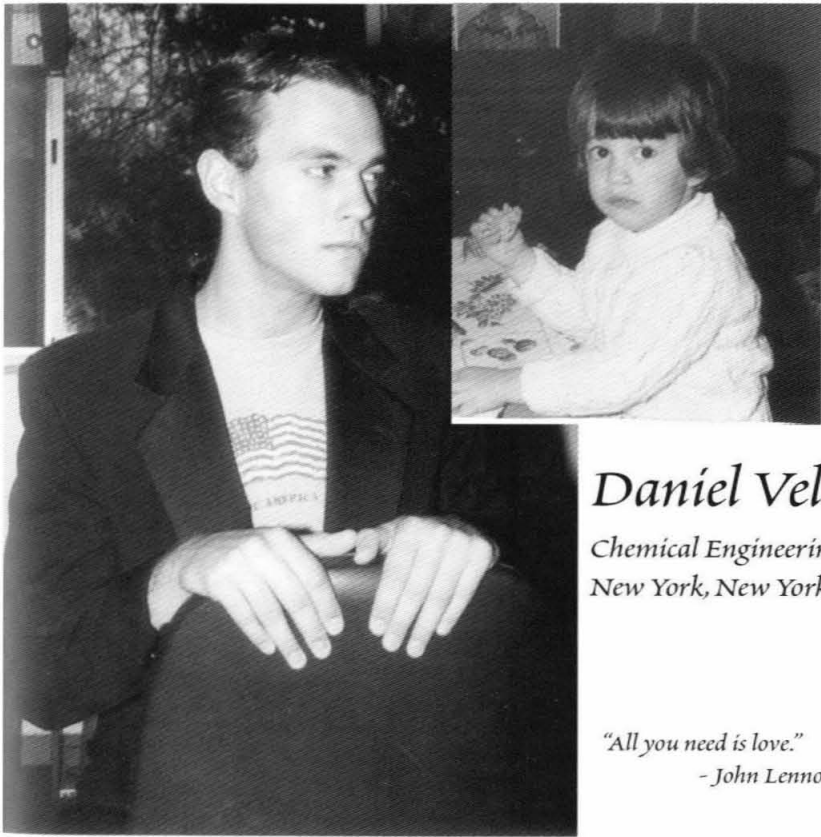
"...the right of the people to keep and bear Arms, shall not be infringed."  
 -- Amendment II of the Constitution



# Eric Cheng-Feng Jan

Engineering & Applied Science  
 Taichung, Taiwan

"I've got 100 HP  
 between my legs"



# Daniel Velez

Chemical Engineering  
 New York, New York

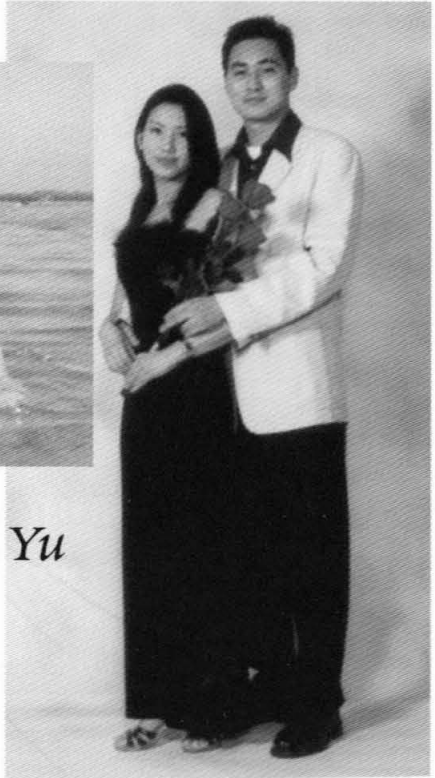
"All you need is love."  
 - John Lennon



# Liang Edward Yu

Computer Science  
 Shanghai, China

"It's not the quantity, it's the quality."  
 "Studying at Caltech may have killed some of my sperm cells,  
 but being with my girlfriend killed all of my brain cells."



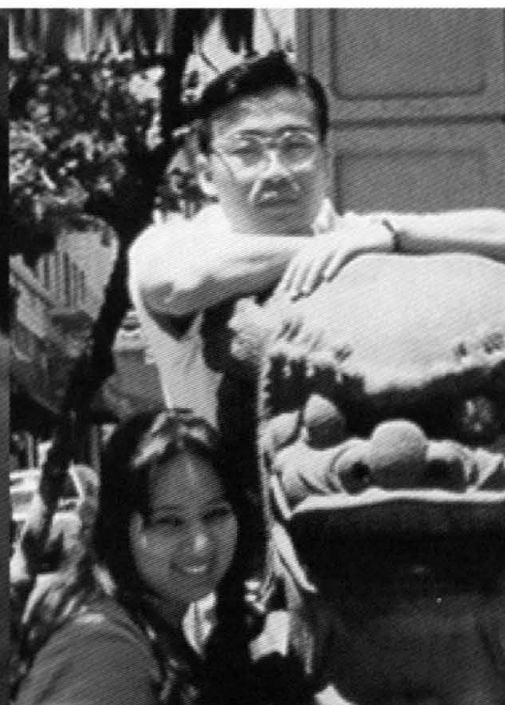
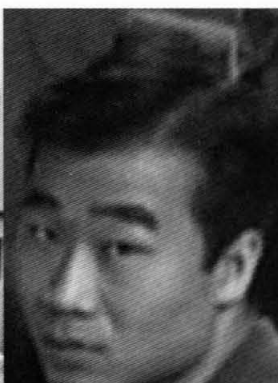


## Kazu Nakada

Engineering & Applied Science  
San Francisco, California

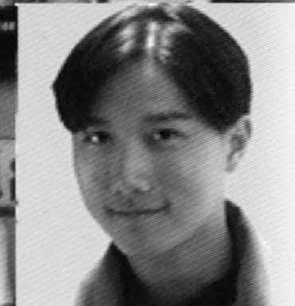


*I could not have made it without my friends.  
Thanks everyone!!!*



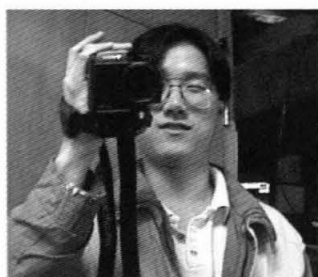
*"It's all good in Lisa's tee-pee"*

**Thanh Khuu**  
Computer Science  
Los Angeles, CA  
Page House



*You have a good life.  
Appreciate it.*

*Always use the prefix increment operator!*



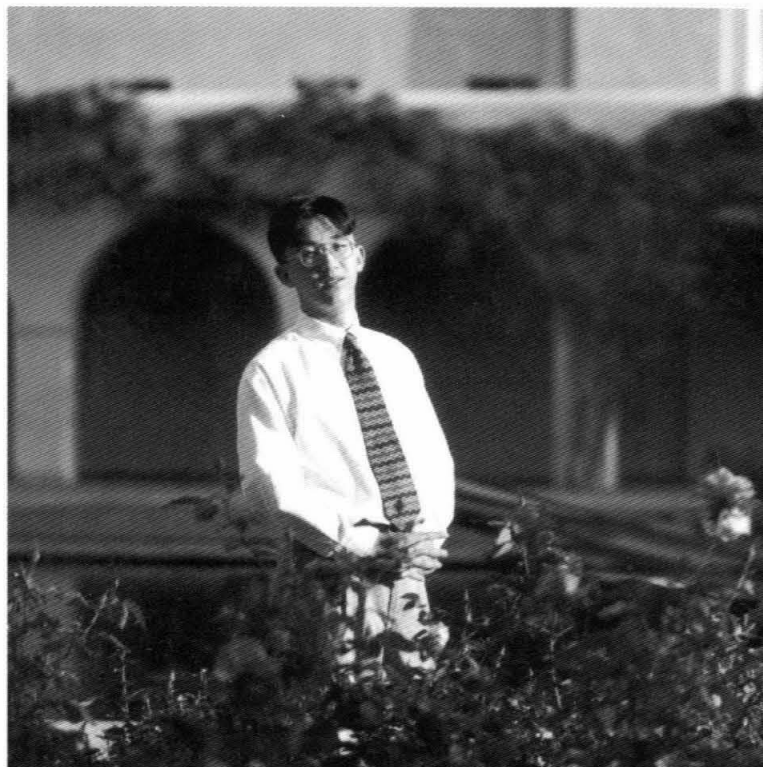
## Gary Wu

Engineering & Applied Science  
Poway, California



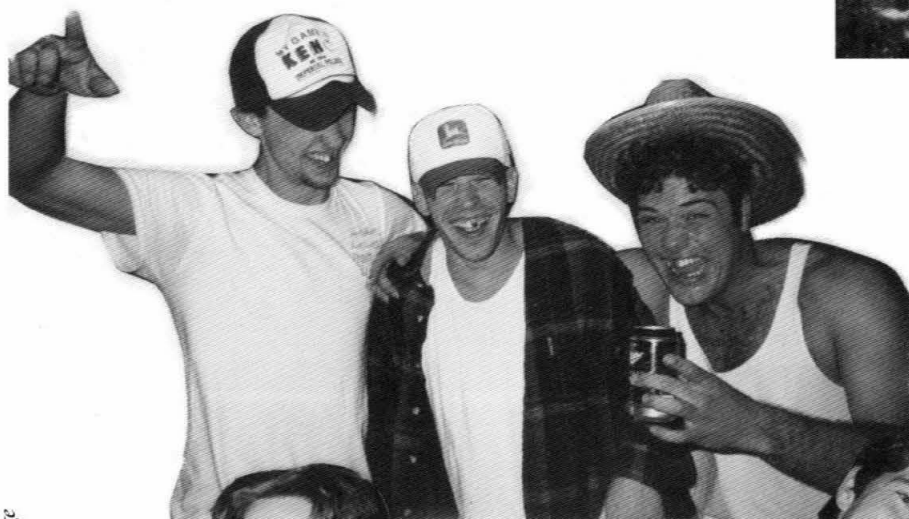
## Tao Long

Electrical Engineering  
Beijing, China



## Jeffrey Huynh

Physics  
Milpitas, California



*I'm a street walking cheetah with a heart full of napalm  
I'm a runaway son of the nuclear A-bomb  
I am a world's forgotten boy  
the one who searches and destroys*

*Look out honey, 'cause I'm using technology  
ain't got time to make no apology*



## Barry Shapira

Chemistry  
Acton, California



*I've been dropping the new science and kicking the new knowledge  
An M.C. to a degree that you can't get in college*

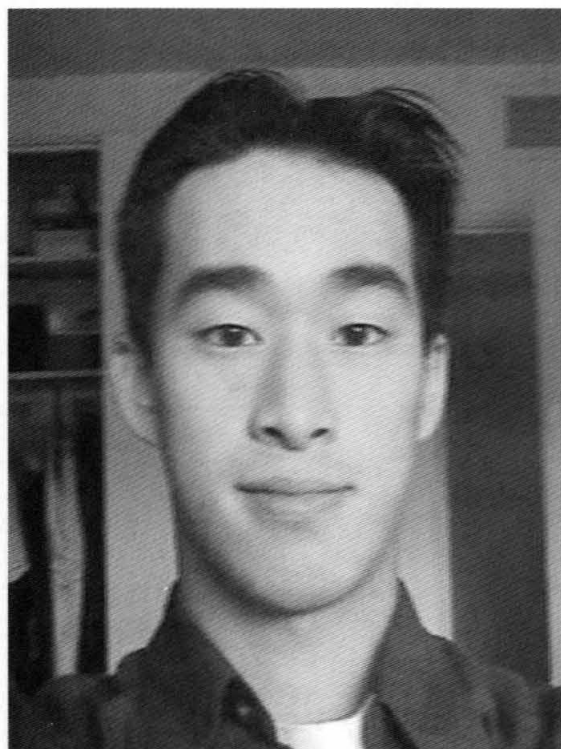


**John Reese**

Computer Science  
Anchorage, Alaska

**Lee Rumsey**

Electrical Engineering  
Long Beach, California



**Tony V. Tran**

Chemical Engineering  
Bellingham, Washington

*It took so long to remember what just happened.  
I was so young and vestal then,  
You know it hurt me,  
But I'm breathing so I guess I'm still alive  
Even if signs seem to tell me otherwise*

- Rev. Maynard James Keenan



*A man alone may be a cultivated individual, but  
put him in a crowd and he is a barbarian, a  
creature acting by instinct. In crowds it is  
stupidity, not motherwit, which is accumulated, so  
crowds are incapable by their group character of  
doing anything demanding a high degree of  
intelligence.*

- Gustav le Bon

**Kevin Carle**

Computer Science  
Lilburn, Georgia

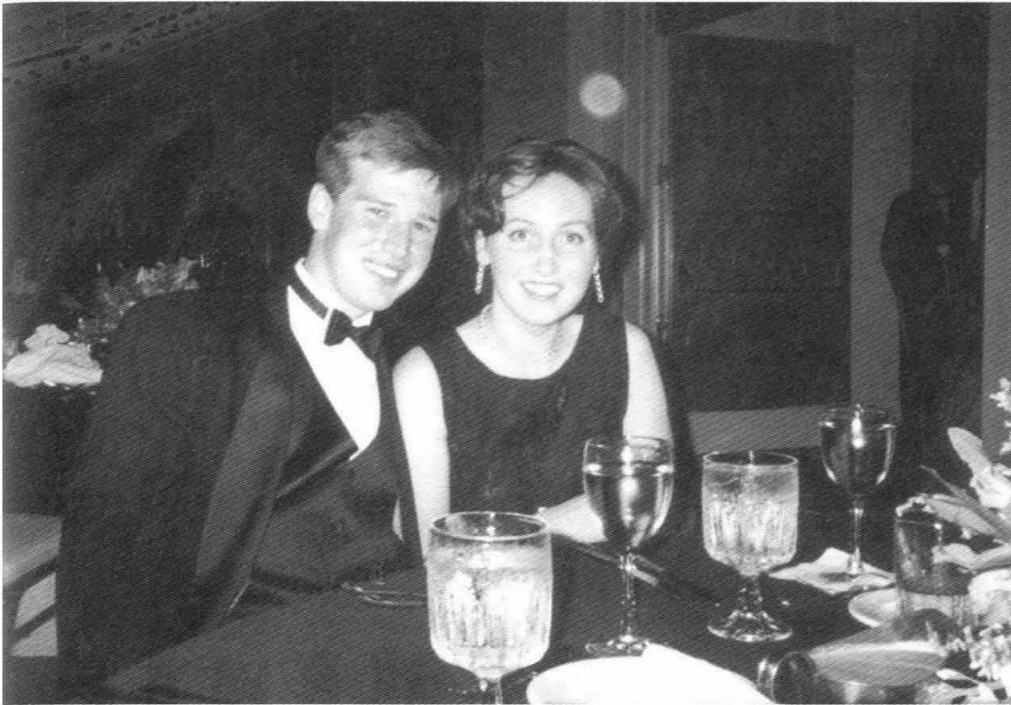
*The devil in black dress watches over  
My guardian angel walks away  
Life is short and love is always over in the morning  
Black wind come carry me far away*  
- The Sisters of Mercy

*Where would I be without my PC?  
Where would I be without MTV?  
Where would I be without CNN?  
Where would I be without IBM?*  
- Information Society

*We are not happy, sweet! our state  
Is strange and full of doubt and fear;  
More need of words that ills abate;  
Reserve or censure come not near  
Our sacred friendship, lest there be  
No solace left for thee and me.*  
- Percy Bysshe Shelley







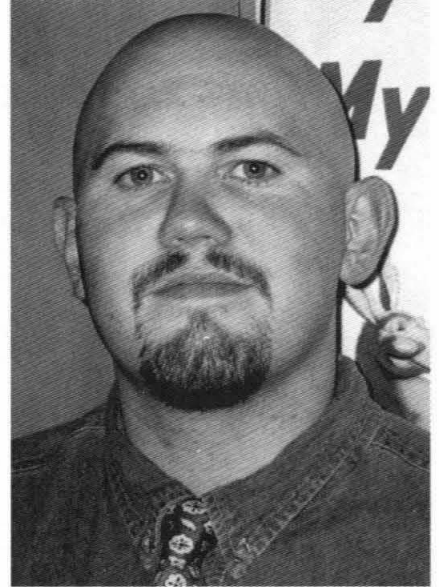
**Robert C. Johnson**

*Mechanical Engineering  
Norman, Oklahoma*



**James Heaney**

*Mechanical Engineering  
Smithtown, New York*



**Linda Park**

*Chemical Engineering  
South Barrington, Illinois*







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## Congratulations to Wei-chung A. Lee

LEAH FOECHTERLE

Congratulations on a magnificent achievement!!  
Remember who you are, be true to yourself. We are very  
proud of you and love you very much!

Your Family

## Congratulations Bill *from Mother, Dad & Cathy*

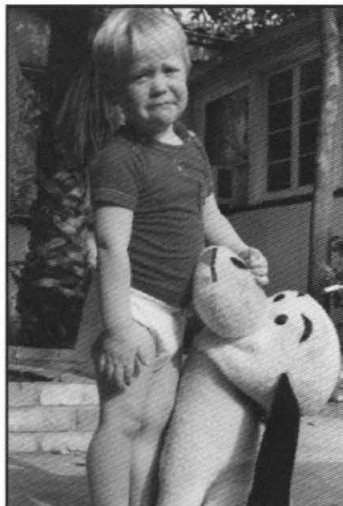
Robert K. Keeney

Congratulations, Bob  
with love from your family

Kyle - as your undergraduate years come to a close and you embark  
on your life's journey, we want to let you (and others) know that we are  
so proud of you. To graduate with honors from such a distinguished  
institution as Caltech is certainly a major achievement.

We want to congratulate you for a job well done and we wish you  
and all of your classmates the success and happiness you deserve.

Love, Mom and Dad



*"What do you mean  
I'm supposed to  
grow up now?!"*

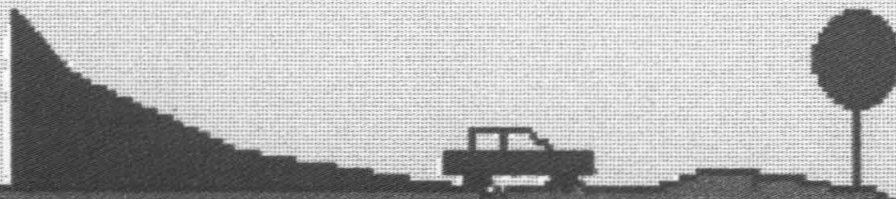
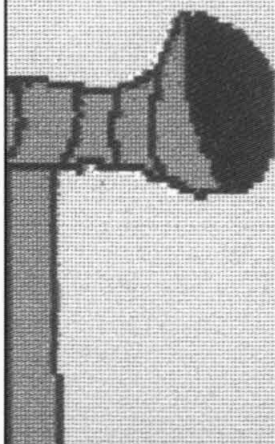
We love you Terry!  
Mom, Tim, Grams,  
Lee & Bill

# Hi Brian ...



# Good Luck ... Have Fun...

# The Journey Continues





GENIUS AT WORK - THE FORMATIVE YEARS



## **Congratulations Tim Yarnall**

The whole family is very proud of our first physicist.



Johanna A. Yao - Class of 1998

Dear Johanna,

We are very proud of your accomplishments, hoping that the next four years of medical school will be as fruitful and rewarding.

Your loving  
parents & Mickie

**Christopher,**

"...forgetting all that lies behind me,  
and reaching forward to what lies  
ahead, I am racing towards the  
finishing point to win the prize ..."

Philippians 3:13-14

**Congratulations on your  
incredible achievement!**

Love, Mum & Dad



啓史へ

卒業 おめでとう



いつまでも夢を  
大切に歩いて  
いってください

8才. 初めての  
パスポート写真

1998. 6. 12

父・母・妹



Vale, now that you are a  
chemical engineer as  
your dad, we want you  
to know that we will  
love and support you  
regardless of the career  
that you elect to pursue.

Mom and Dad.

Congratulations  
**James McKay Turner**  
Way To Go  
Love  
Dad Mom Jay Tara

## **Timothy Donald Henson**

Congratulations! The degree  
is great but the person you are  
is awesome! God bless you.  
Love, Your Family

**JAKE,**

It's finally your day!  
Congratulations  
from all the creatures  
at Pilgrims' Pause!

Love,  
Mom, Dad & Hank



Dear Daniel,

Wow! You've done it! Congratulations! May you always  
find happiness, love and self realization on whatever path you  
find yourself. "Just trust yourself, then you will know how to  
live" - Goethe.

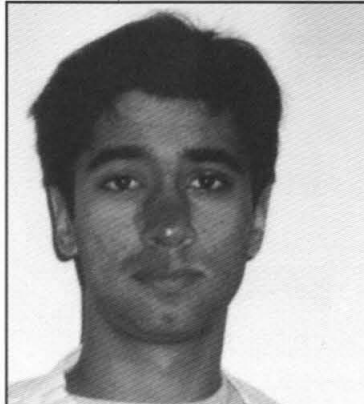
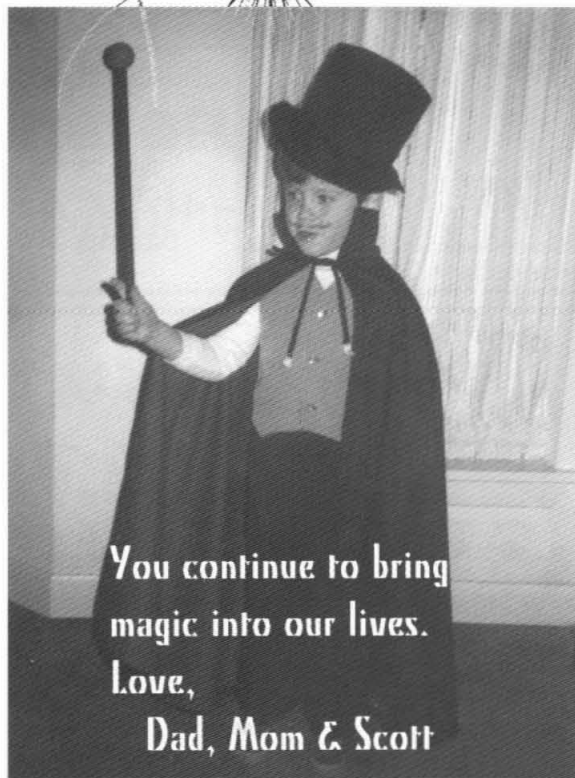
Nam-myoho-renge-kyo.

Love always Ma and Dad.

## **DAVID ANDREW HILVERT**

I am very proud of you.  
Follow your dreams and be happy  
Love, Mother

**Congratulations,  
Michael!!**



*Dear Son Ronak,  
Knowledge is the Wing  
where we fly to Heaven.  
Today is that Special Day  
you have fulfilled that  
Dream, & Wish many more  
to come on your way of  
success & Happiness.  
Congratulations*

**Ronak Bhatt** June 1998 *For the Graduation Day  
With love, Mom Vina Vatsala & Family*

Dearest "Binker":  
May untold blessings be  
yours as you begin another  
adventure in your life of  
learning and growth in  
truth and wisdom.

Loving Congratulations,  
Mom and "DEE-DEE"



**Congratulations Drew,**



With Love,  
Mom, Dad and Mike

**Congratulations  
Patricio A. Vela**



With love  
from your  
parents,  
sister and  
brother

**Michelle Marie Miller,**

the young biology major hard at work in the lab.



Congratulations, Mom, Dad (CIT '66),  
Daniel, Grammie & Casper





***Congratulations***

to the Graduating Seniors  
of the  
Division of Geological and  
Planetary Sciences

**Rowena Lohman  
Matthew Tiscareno**

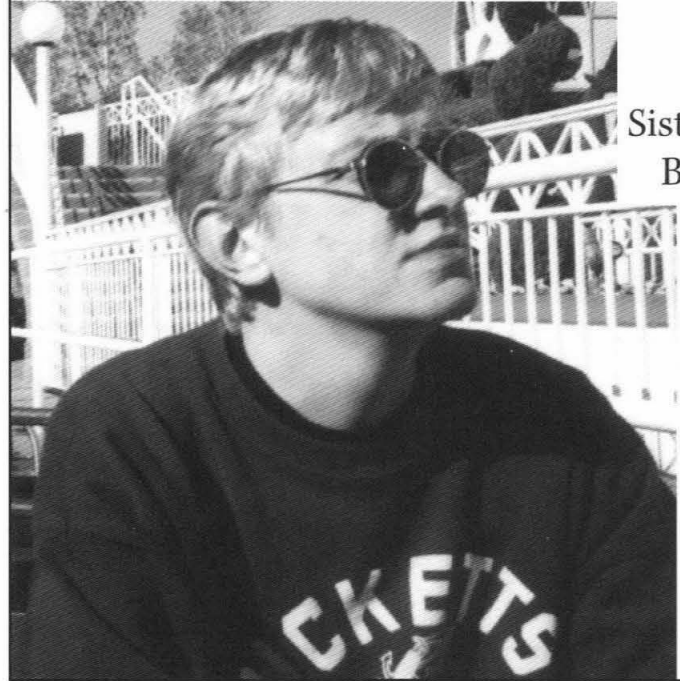
*With Best Wishes  
from the Entire Division*

Congratulations

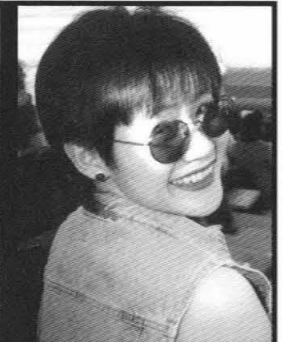
**MICHAL SMULSKI**

on graduating with excellent results!!!

We wish you all the best in pursuing  
graduate studies and professional career.

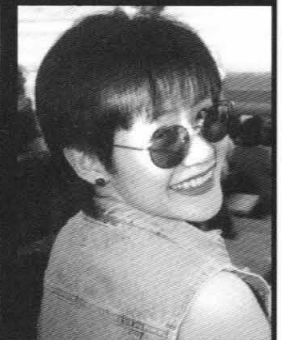
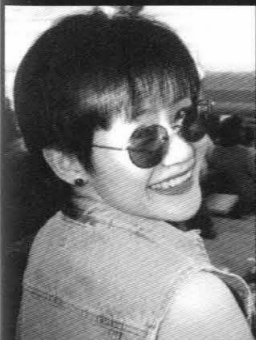


Mam,  
Dad,  
Sister and  
Brother.

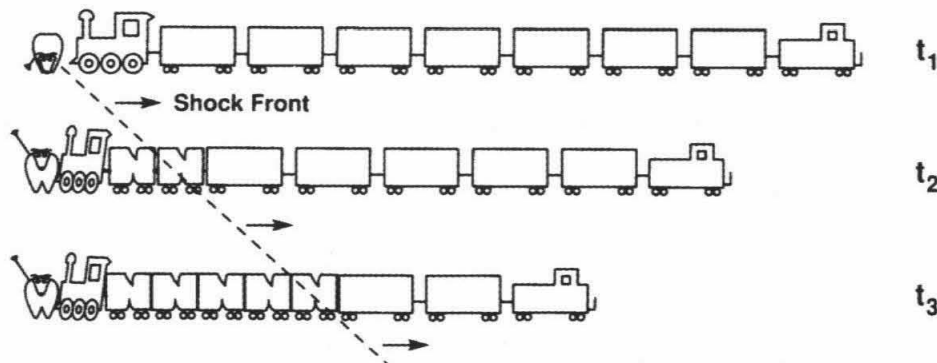


***Congratulations Amy!  
Thanks for everything!!***

*- The Eternally Grateful Editors*



**To the Graduates of the  
Class of 1998:  
Best Wishes from the  
Faculty and Staff of the  
Division of  
Engineering and Applied Science**



Shock wave in a freight train resulting from impact between the cowcatcher and bull. In this case, the bull is infinitely massive.

## STUDENT-FACULTY PROGRAMS

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CELEBRATING 20 YEARS

# SURF

Summer Undergraduate Research Fellowships

# TIDE

**CONGRATULATIONS GRADUATES!  
THE WORLD IS AT YOUR FEET.**



# **Congratulations to our graduates!**

Sara Alexandra Beaber  
Christopher Bisbee  
Alexander Robert Dunn  
Armando Durazo, Jr.  
Lael Lona Erskine  
Jason Christopher Jenkins  
Diana Dawn King  
Christina Molodowitch  
Barry Shapira  
Leonard Sung  
Kai-hsu Tai  
Helen Yii-Ling Tsai  
James McKay Turner  
Grace Yang  
Johanna Alicia Yao  
Evan Harris Hurowitz  
Bradley James Nakatani

**From the Division of  
Chemistry & Chemical Engineering**

# The Office of Government and Community Relations

congratulates Amy, Adrienne & Nicholas  
for their work on the 1998 Big T



## ***Caltech Student Affairs Mission Statement:***

*Student Affairs at Caltech complements and enhances the Institute's education mission by ensuring a healthy and supportive environment that enables students to grow academically and personally in preparation for meeting current and future challenges.*

*Independently and in collaboration with students, faculty and staff, we serve our community by responding to the issues, ideas and needs of all students. Utilizing diverse approaches, we provide programs and services of the highest quality.*



# Congratulations!

We think you're terrific!  
Residence Life & Master's Office



**James Heaney**  
B.S., Engineering and  
Applied Science  
Student Employee



**Rowena Lohman**  
B.S., Geology  
Student Employee



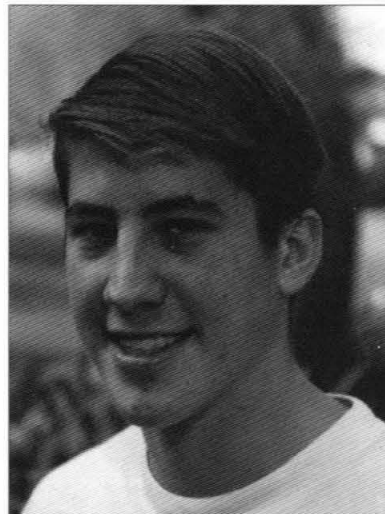
**Libby Mosier**  
B.S., Biology  
Student Employee



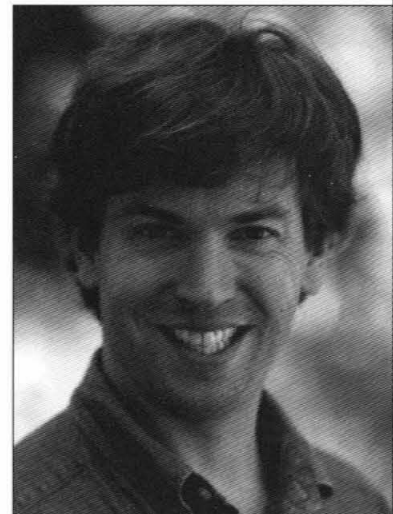
**Tina Salmassi**  
M.S., Environmental  
Engineering Science  
Resident Associate



**Barry Shapira**  
B.S., Chemistry  
Student Employee

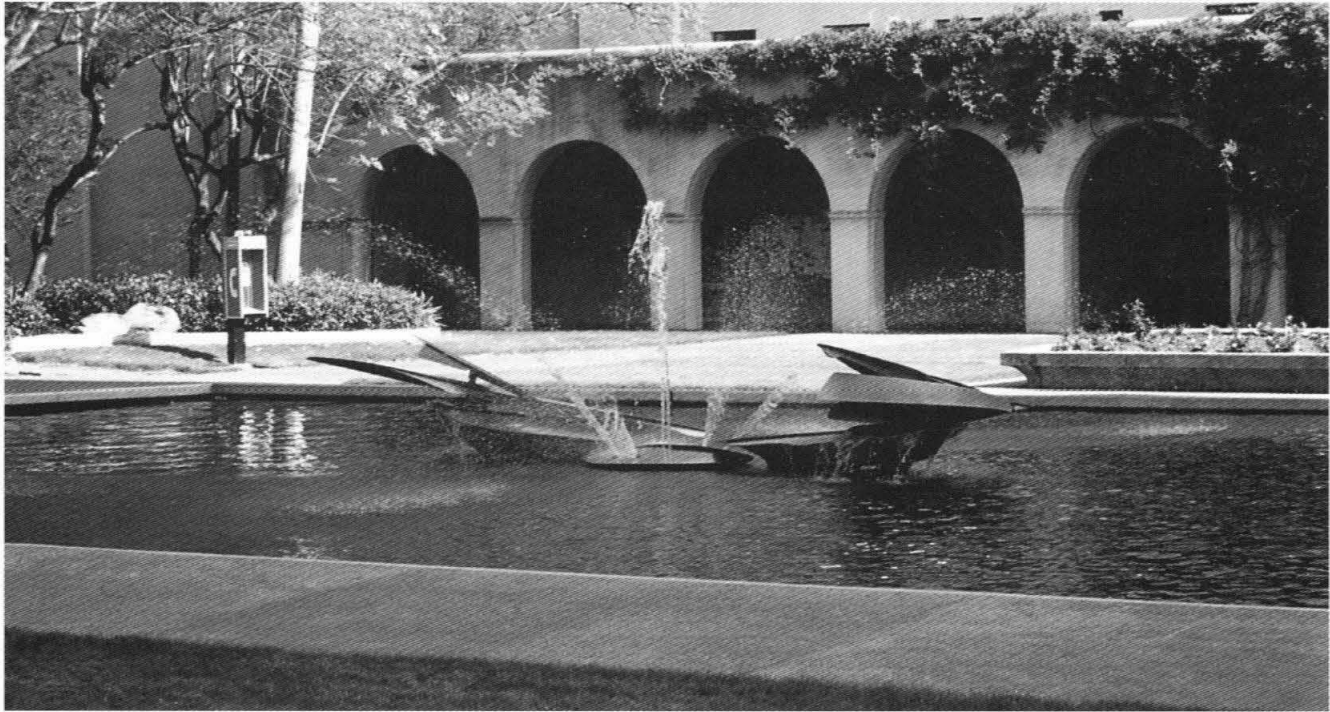


**Tim Yarnall**  
B.S., Applied Physics  
Student Employee

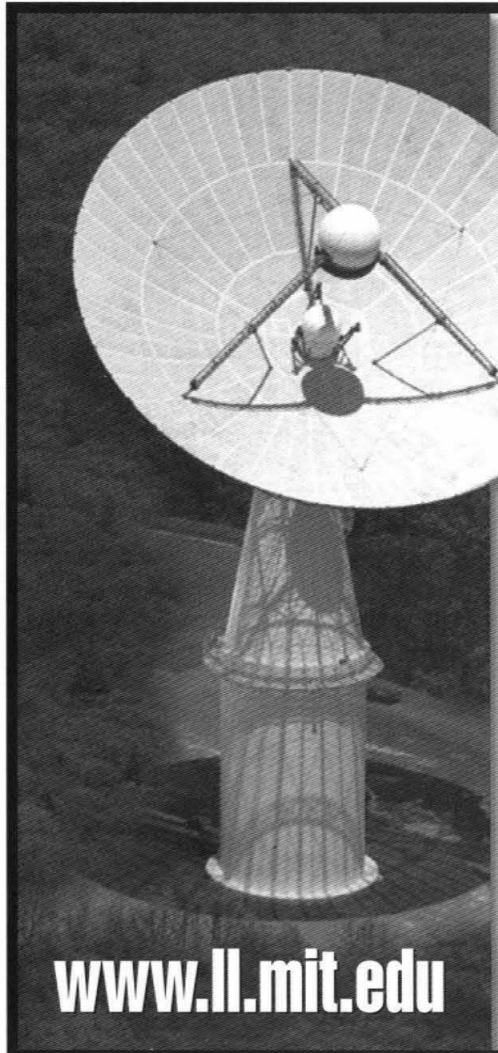


**Thomas Lloyd**  
Ph.D., Environmental  
Engineering  
Resident Associate

# Congratulations to the Class of 1998



*From the Office of the Provost*



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***Mathematics***

***Computer Science***

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- Systems Requirement Definition
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What is your métier?

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Systems Development?  
Database Administration?

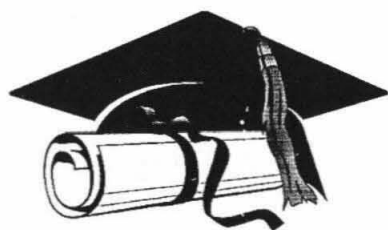
If so, fax us your resumé at 213.629.4300.

The Division of

# Physics & Mathematics & Astronomy

Congratulates the graduates of 1998

*Congratulations  
Class of 1998!*



*From the  
Office of the President*

**Bob Orvis**  
Vice President  
Branch Manager

Lake & Colorado Branch 0226

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Gold Club  
Member

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**Anthony Alvarez**  
Assistant Manager

Lake-Colorado Branch 0226

**Bank of America NT&SA**  
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Pasadena, CA 91106  
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626/304-3117 (BANet 578)



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# Congratulations, Graduates!



Thanks for letting us be a part of your  
Caltech experience.

*- Your friends at Campus Auxiliary & Business Services*

# Best Wishes to our 1998 Graduates

Megan Yori Andrews  
Sudipta Bardhan  
Michaleen Bell Callahan  
Kin Chan  
Kelley Kyoung Yoon Eom  
Steven Edward Glista  
Jerry Shen-ming Huang  
Michelle Marie Miller  
Dusan Misevic  
Terence R. Moran  
Mary Elizabeth Mosier  
Tatiana Vladimirovna Myagkova  
Bradley James Nakatani  
Lisa S. Ngo  
Barbara Anna Novak  
Siddhartha Padmanabha

Maria Pilar Perez Gonzales de Apodoca  
James Richard Pierce  
Melissa Zamarripa Saenz  
Kathryn Anne Stofer  
Julius Tsu-li Su  
Yingzhong Tian  
Kim T. Tran  
Robert Christian Tryon  
Anna Nesterova Vlasak  
Jennifer Jarhua Wang  
Singy Hsin-Pen Wei  
Jeanne Marie Wilson  
Carol Chia-Chia Wu  
Amy May Zheng  
Daniel Zilberman

## From the Biology Division

Need  
somewhere  
to turn?

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ISSUES?

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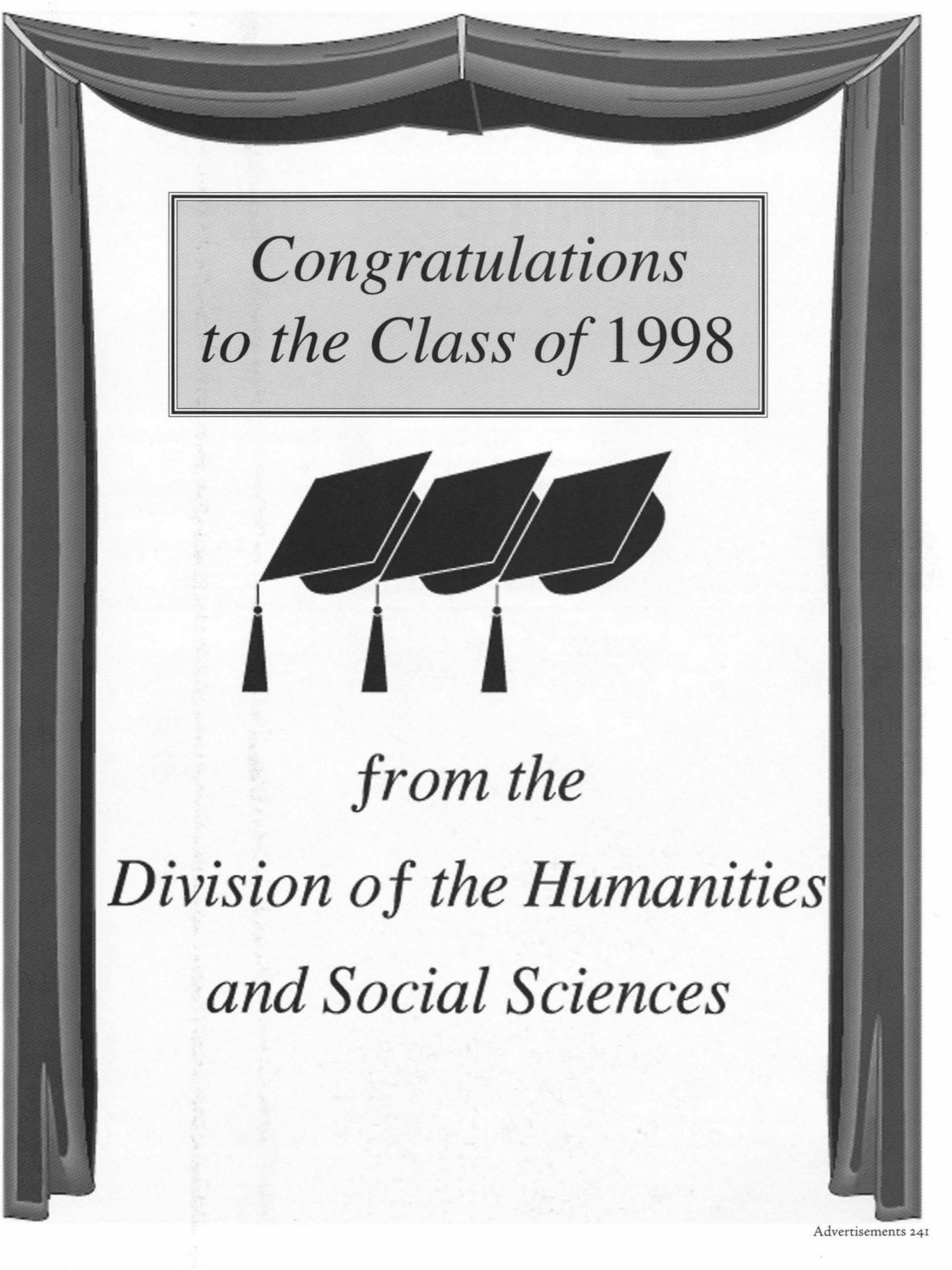
Congratulations to the  
Class of 1998  
from the Caltech Y



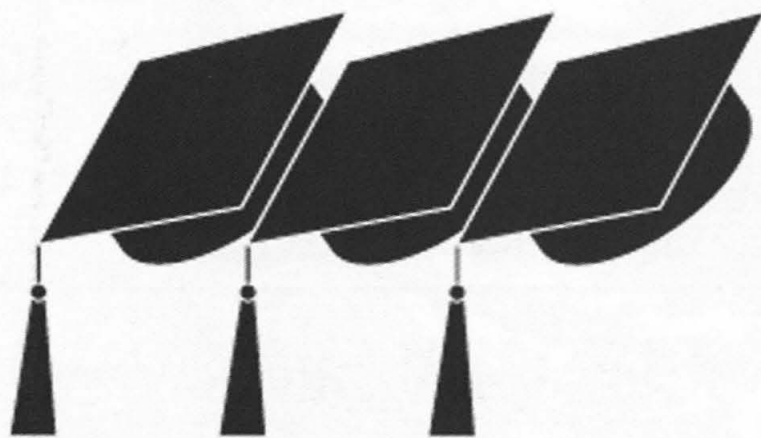
Samantha, Karen, Jeanne, Sara, Tim, and Ying....

Thanks for helping us  
"Make a World of Difference"





*Congratulations  
to the Class of 1998*



*from the  
Division of the Humanities  
and Social Sciences*

# Congratulations to the Graduates of '98.

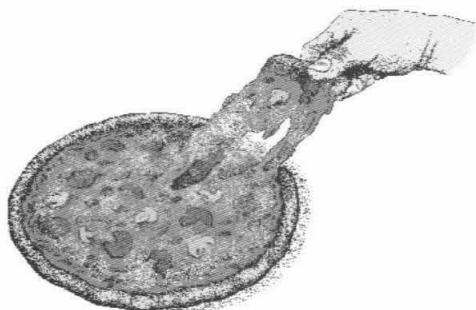
As a part of the  
Caltech family,  
Caltech Employees  
Federal Credit Union  
wants to wish you  
all a successful and  
rewarding future.



**We're Proud of You, Too!**



We at Public Relations and the Office of Public Events thought it would be nice to give you a nutritional breakdown of your stay here at Caltech, as we offer our congratulations.



Of course, if you're *still* hungry, there's always graduate school . . .

## Caltech Facts

Serving Size 1 Degree (4 Years)  
Servings per Container 1

### Amount Per Serving

**Empty Calories** 2,106,000  
**During Finals**  $6.02 \times 10^{23}$

	%EV*
<b>Class/Lab</b> 8,870 hours	<b>24%</b>
<b>Homework</b> 22,546 hours	<b>61%</b>
<b>Recreation</b> 6,468	<b>17.5%</b>
<b>Eating</b> 1,848 hours	<b>5%</b>
<b>Sleep</b> 924 hours	<b>2.5%</b>

\*Percent Educational Values (EV) are based on a regular class load. Adjust accordingly for increased loads.

INGREDIENTS: Honor System, Caffeine, Sugar, Core Courses, Option Requirements, Electives, Overload Petitions, Drop Cards, SURF, ASCIT Movies, Decompression, Rotation, Discobolus, Food Fights, Frosh Camp, Ditch Day, ME 72 contest, ASCIT Formal, Negative-Time Tommy's Runs, Donut Man, Ride of the Valkyries, CLUE, California Tech, The Inside World, Big T, little t, Totem, Resinous Glaze, Dextrin, Natural and Artificial Flavors, Artificial Color (Caltech Orange 5), DEI, FEIF, GDBG, BHA and BHT (to preserve freshness).

# Congratulations to the 1998 Graduates



*- from the Safety Office*

# Congratulations 1998 Grads!!



Best wishes and best of luck in your future endeavors from all of us at the

**Industrial Relations Center**

## The Athletics Department Congratulates the Class of 1998

Don Bene, Cross Country & Track

Maureen Burl, Volleyball

John D'Auria, Baseball

Clint Dodd, Swimming & Water Polo

Denise Gabaldon, Athletic Trainer

Wendell Jack, Asst. Athletic Director

Mike Jackson, Golf

Irene Loera, Administrative Assistant

Karen Nelson, Tennis

Jean Timpe, Administrative Assistant

Julie Tingle, Soccer & Track

Marc Torres, Equipment Manager

Bob Townsend, Groundskeeper

Gene Victor, Basketball

Dan Bridges, Athletic Director

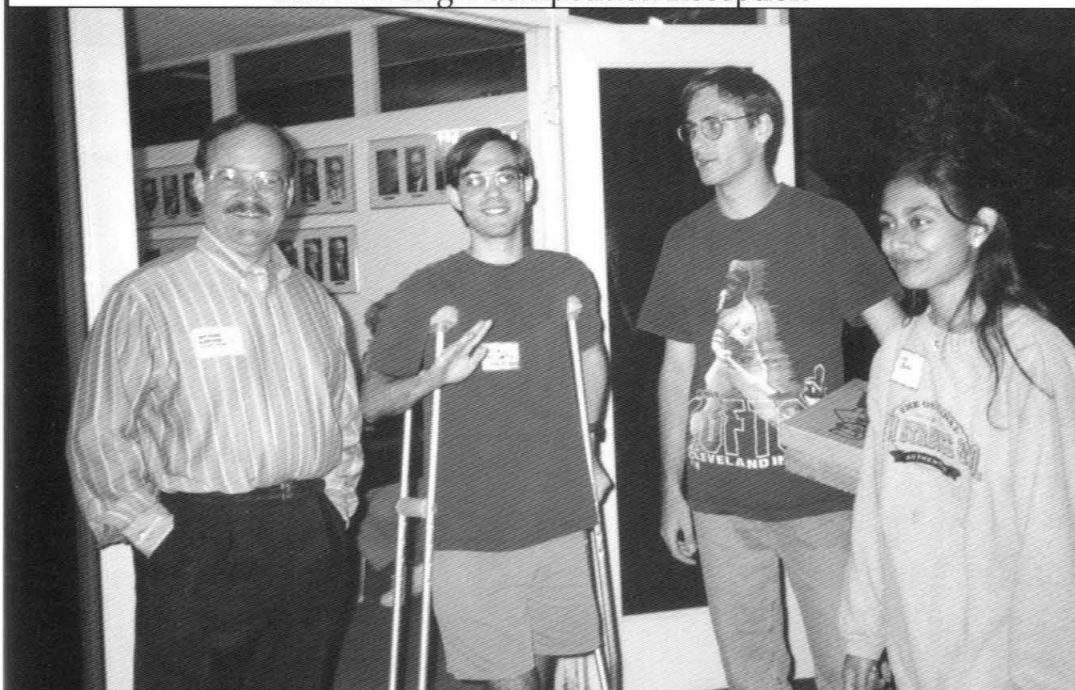




Student-Alumni Career Panel



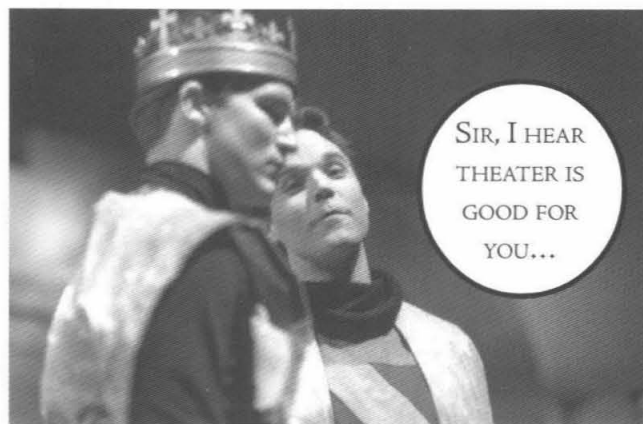
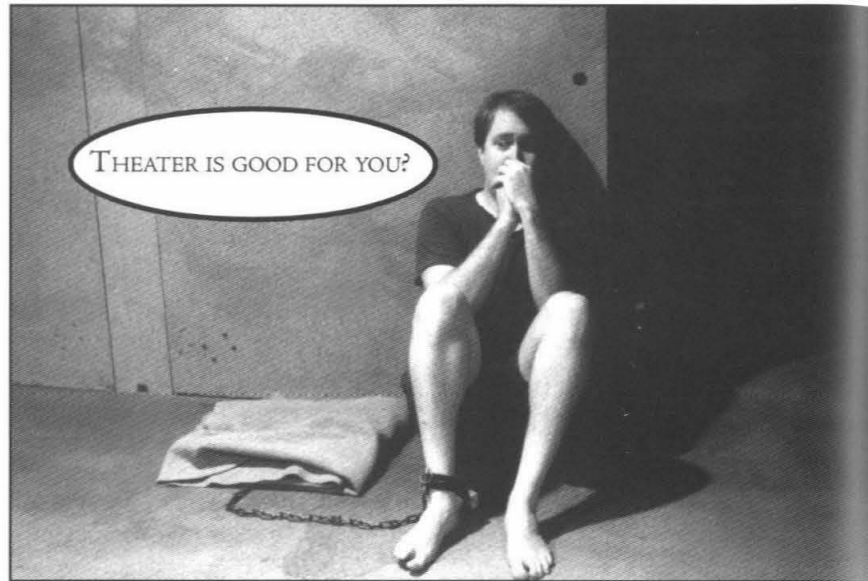
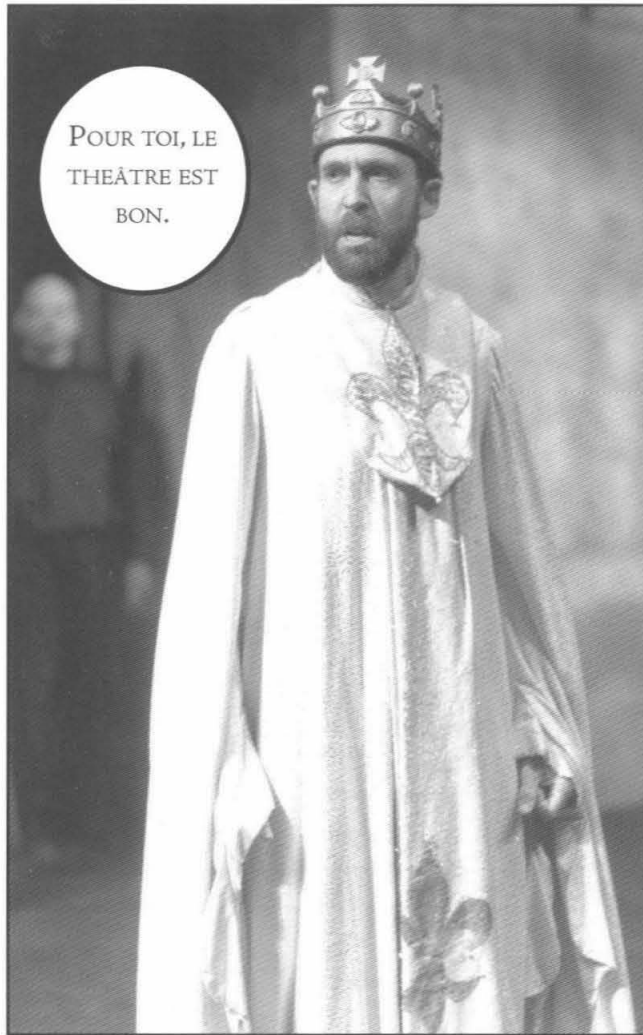
ME 72 Design Competition Reception



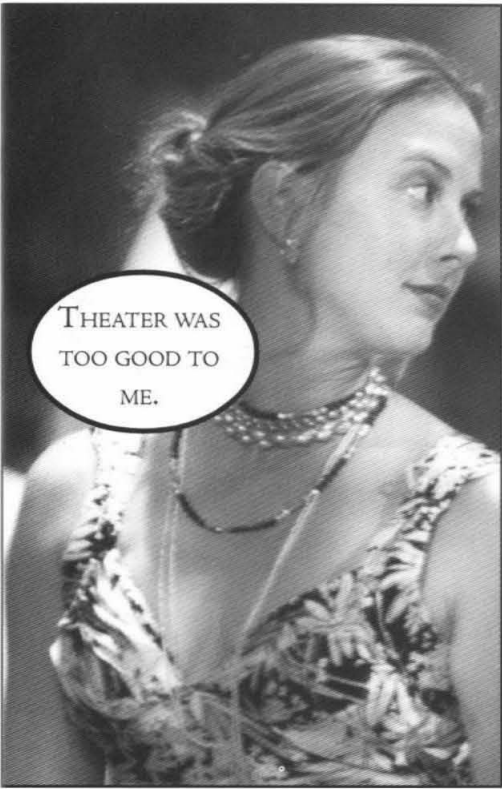
Freshman Pizza Party

# Congratulations to the Class of 1998 From the Alumni Association

# TACIT congratulates all the graduating seniors — and remember...







THEATER WAS  
TOO GOOD TO  
ME.



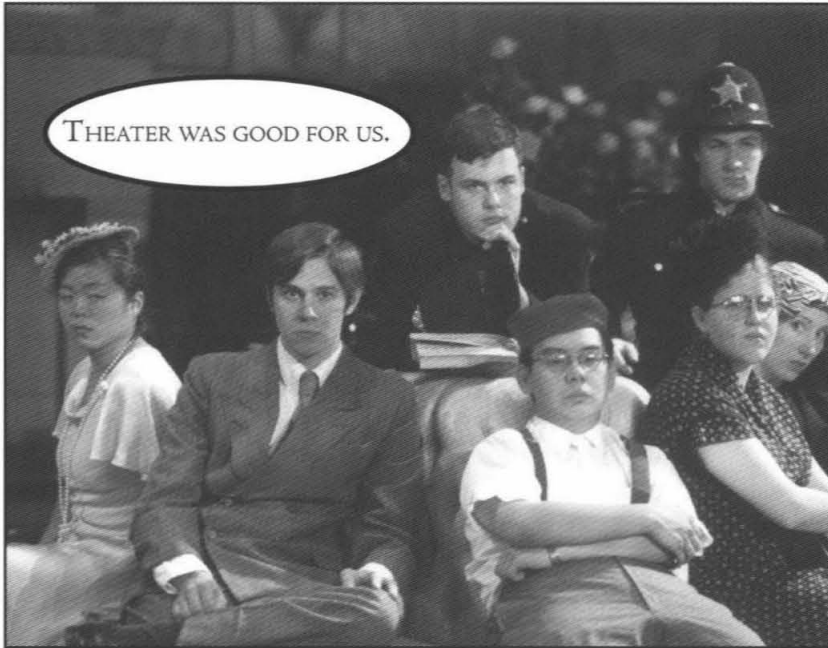
IT WAS VERY GOOD  
TO ME.



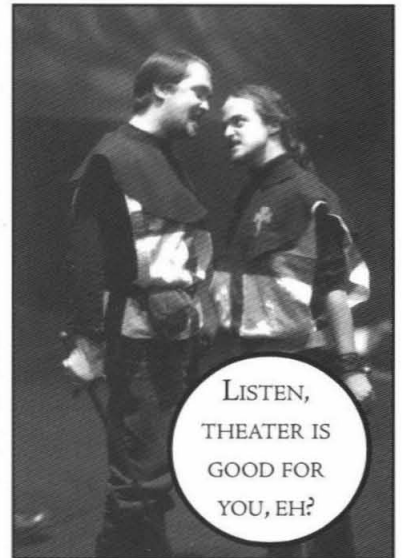
IT WAS  
SOOO  
GOOD FOR  
ME...



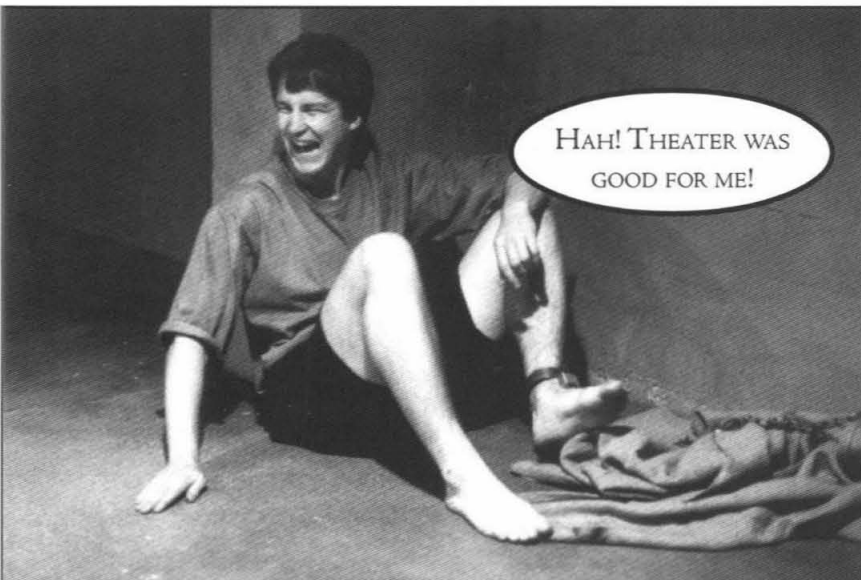
THEATER IS GOOD TO YOU.



THEATER WAS GOOD FOR US.



LISTEN,  
THEATER IS  
GOOD FOR  
YOU, EH?



HAAH! THEATER WAS  
GOOD FOR ME!

*Love,  
Shirley.*

# Institute Relations Congratulates The Class of '98!!!







***Congratulations***

to the Graduating Seniors  
of the  
Division of Geological and  
Planetary Sciences

**Rowena Lohman**  
**Matthew Tiscareno**

*With Best Wishes  
from the Entire Division*

**Congratulations to  
the Class of 1998**



From the Dean's Office



**CONGRATULATIONS, GRADUATING CLASS OF 1998**

**LET'S KEEP IN TOUCH...YOUR MEMBERSHIP IS WELCOME**

# Congratulations to the 1998 Graduates!



Your friends at Physical Plant are proud of you.

## *Congratulations to the Class of 1998!*



*Office of Undergraduate Admissions*





**Congratulations to the Class of 1998  
And Best Wishes for a Great Future**

**The Faculty**

# ASCIT Movies

*Friday Nights*

*Baxter Lecture Hall*

*a mere \$2.00 if you're an ASCIT member  
(if not, don't you wish you were?)*

a wholly-owned subsidiary of

## ASCIT

We have what you need!™

**Congratulations and Good Luck  
Class of 1998**



**Career Development Center**

# *Congratulations Class of 1998*

*from*

The Office of  
Chief Patent Counsel

&

The Director of Technology  
Transfer's Office

## MINORITY STUDENT AFFAIRS

*provides academic support services and counseling for MSA students; assists MSA students in pursuing graduate study and/or careers in industry; provides structure and support for mentoring and leadership training; assists the institute in providing and maintaining a healthy, supportive and culturally diverse environment for MSA students.*

We co-sponsor Black History Celebration,  
Semana Latina, Latino History Celebration;  
and much, much more!

### *Congratulations to the Class of 1998!*

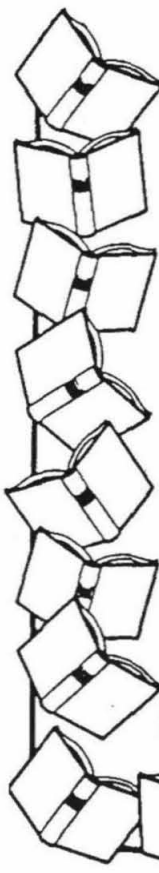
## **Congratulations 1998 Graduates!**



from the Registrar's Office

## CONGRATULATIONS CLASS OF 1998

### 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





# Additional Seniors

The following seniors graduated this year, but were not listed in the senior pages.

Megan Yori Andrews	Biology -- Flagstaff, Arizona
Liubomir Borissov	Physics AND Mathematics -- Rousse, Bulgaria
Elizabeth Anne Callaghan	Electrical Engineering -- St. Anthony, Minnesota
Thuan Duy Cao	Engineering & Applied Science -- Saigon, Vietnam
Mark Chen	Engineering & Applied Science -- Arcadia, California
Nicholas Isaac Choly	Applied Physics -- San Jose, California
Timothy Michael Doyle	Engineering & Applied Science -- Wasilla, Alaska
Kelly Kyoung Yoon Eom	Biology -- Downey, California
Jennifer Catherine Fang	Electrical Engineering -- Charlottesville, Virginia
Roman Gelman	Engineering & Applied Science -- Los Angeles, California
William C. Glenn, Jr.	Engineering & Applied Science -- Pittsburgh, Pennsylvania
Jordan Alexander Hague	Physics -- Haledon, New Jersey
David Andrew Hilvert	Engineering & Applied Science -- Houston, Texas
Jerry Shen-ming Huang	Biology -- Dallas, Texas
Yevgeniy Kaganovich	Engineering & Applied Science -- Los Angeles, California
Emil Paskalev Kartalov	Physics -- Plovdiv, Bulgaria
Ilya Koshkin	Engineering & Applied Science -- Woodland Hills, California
Harmesh K. Lad	Electrical Engineering -- Chatsworth, California
Gary Ka Leong Lee	Chemical Engineering -- Stockton, California
Scott Michael Mandelsohn	Engineering & Applied Science -- Granada Hills, California
Jacob L. Mandelson	Engineering & Applied Science -- Portland, Oregon
Christina Molodowitch	Chemistry -- Orange, California
Tatsuya Murase	Physics -- Westminster, California
Tatiana Vladimirovna Myagkova	Biology -- Moscow, Russia
Peter Allen Oakley	Engineering & Applied Science -- Mill Creek, Washington
William Charles Penn	Astronomy -- Hollidaysburg, Pennsylvania
María Pilar Pérez Gonzáles de Apodoca	Biology -- Madrid, Spain
Adam George Petrie	Astronomy -- Mercer Island, Washington
Khai Nhu Pham	Engineering & Applied Science -- Arlington, Texas
Maura Anne Raburn	Applied Physics -- Santa Rosa, California
Ravi Ramamoorthi	Engineering & Applied Science -- Mumbai, India
Colin Alexander Reed	Electrical Engineering -- Dover, Massachusetts
Jesse Matthew Rosenstock	Engineering & Applied Science -- Madison, Wisconsin
Heather Kelin Ryan	Engineering & Applied Science -- Columbia, Missouri
Joshua Jacob Sacks	Engineering & Applied Science -- Savannah, Georgia
Antonio Jose Salazar-Escobar	Electrical Engineering -- Caracas, Venezuela
Hilla Shaviv	Engineering & Applied Science -- Haifa, Israel
Robert John McKay Sides	Physics -- Marblehead, Massachusetts
Kyle Brian Stickle	Electrical Engineering -- Everett, Washington
Paul Olaf Storaasli	Electrical Engineering -- Hampton, Virginia
Yingzhong Tian	Biology -- Princeton, New Jersey
Helen Yii-Ling Tsai	Chemistry -- Salem, Oregon
Patrício Antonio Vela	Engineering & Applied Science -- Potomac, Maryland
Anna Nesterova Vlasak	Biology -- Almaty, Kazakhstan
Christian Ian Walker	Applied Physics -- Palo Alto, California
Peter Tuan-Ping Wang	Mathematics -- Cerritos, California
Eileen Rose Wexler	Engineering & Applied Science -- Sugar Land, Texas
Timothy Matlock Yarnall	Applied Physics -- Port Charlotte, Florida
Jennie Yoder	Engineering & Applied Science -- Los Angeles, California
Daniel Zilberman	Biology -- Staten Island, New York

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# Closing

First, we'd like to present this useful tip to future editors: Try not to pick up a yearbook third term after the original set of appointees has flamed. Failing that, snag a staff. Judicious application of the food budget can be of great assistance.

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Extra special bonus thanks to Amy Zheng. Yes, we ARE that grateful.

It's been fun (in its own sick twisted sleep-deprived little way). Hope you like it!



Editors: Nicholas Breen & Adrienne Hyldahl. These really are the best photos we had.

## Colophon

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