

CIT

YEARBOOK
of the
CALIFORNIA INSTITUTE
of
TECHNOLOGY

78TH
EDITION
1998-1999



BIG-T







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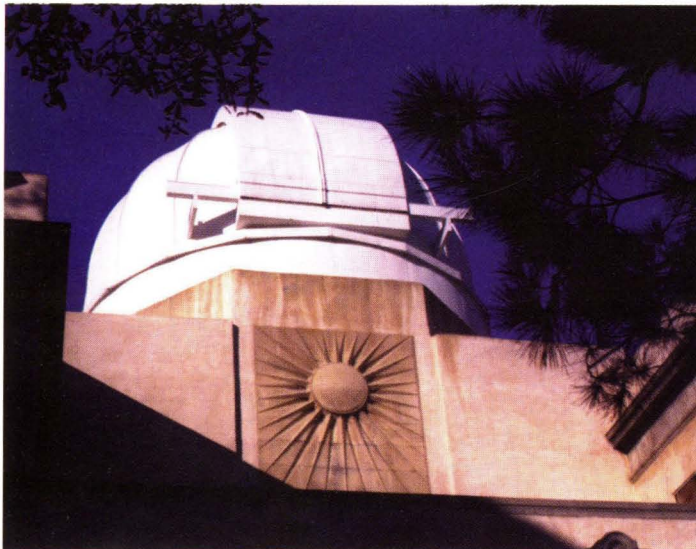
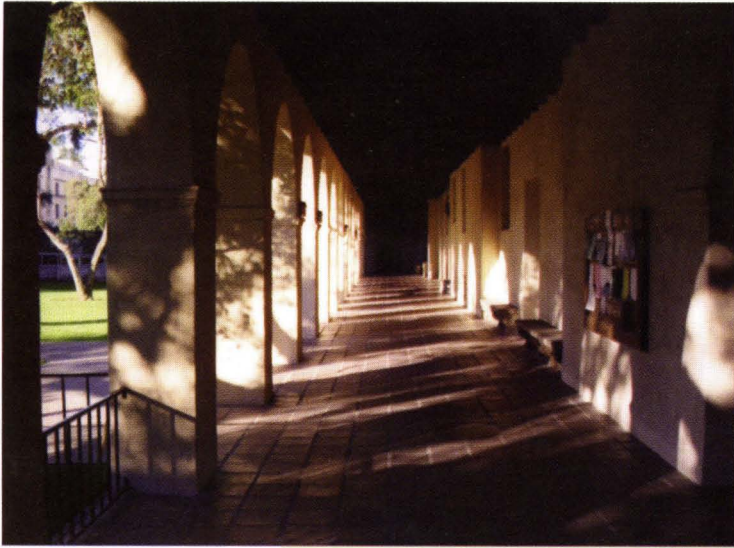
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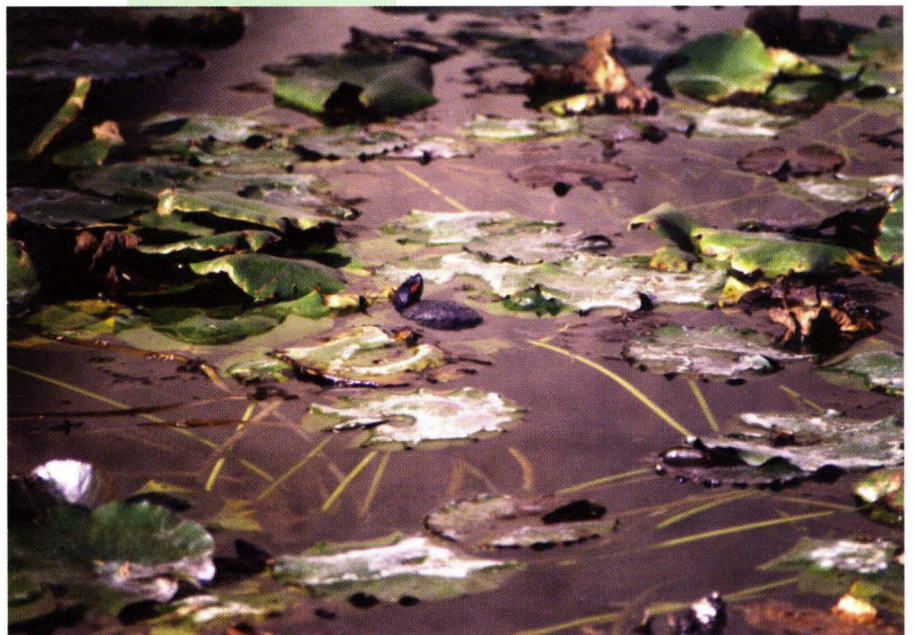
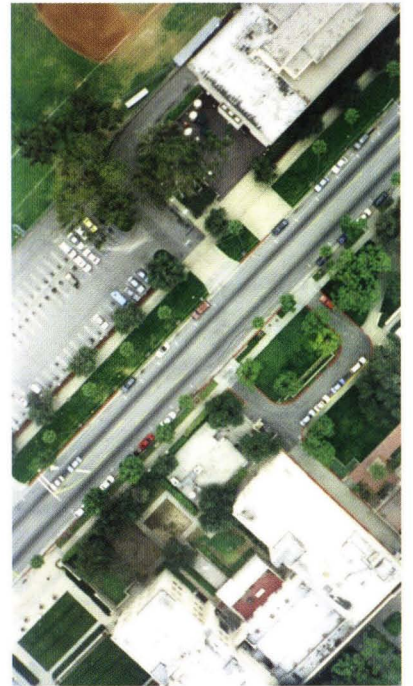


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1998-99

Welcome to Caltech





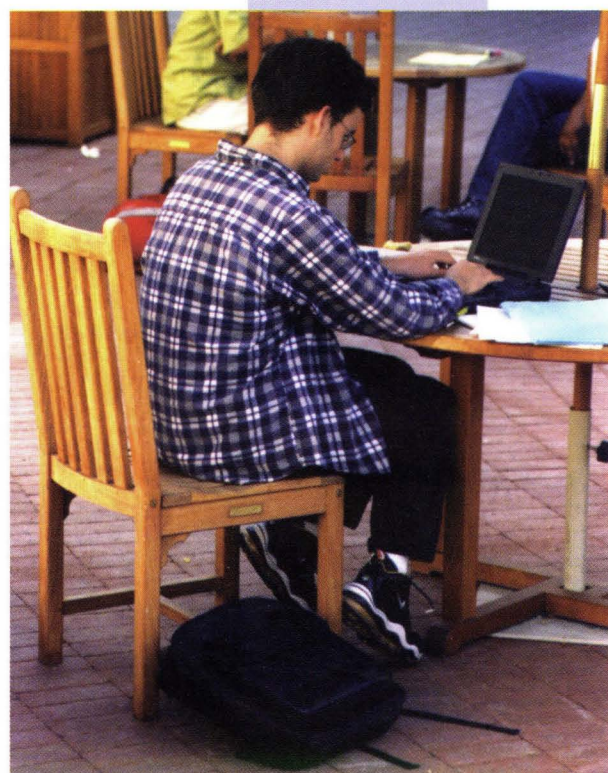


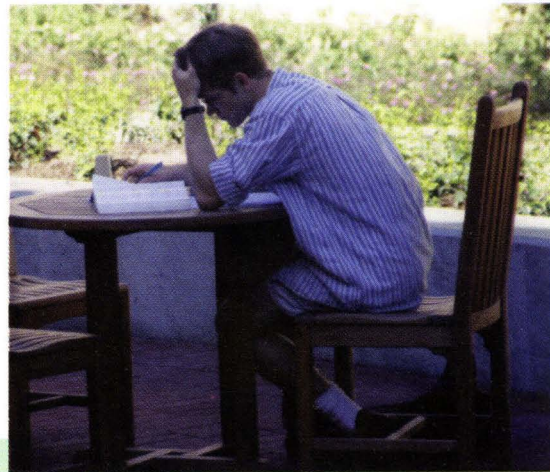
Winnett Center New and Improved!

Over the summer of 1998, Winnett Student Center underwent a major facelift. The utilitarian facade was redone in a Mediterranean style, seen above, that complements much of the architecture on the southern end of campus. Columns from the Ricketts-Fleming Courtyard were copied and incorporated into the design. The interior was also renovated, expanding the bookstore into the former club room and adding facilities for the Red Door Cafe. The larger bookstore includes wide aisles, ample shelf space, and an increased selection. Peter Freese and Brian Platt, above right, browse for computer software in Caltech Wired, the new computer store.

On the second floor, the Caltech Y and Women's Center moved to Steele House to make room for a larger clubroom. The plaza in front of the building was landscaped and made into an outdoor sitting area. John Ferguson, right, takes advantage of the ethernet connections that were incorporated into the design.

The outdoor sitting area was soon targeted by student pranksters. Late Monday night, October 19th, industrious graduate students and undergrads replaced all of the chairs with toilets. The toilets, lower right, were being removed from another building when pressed into service for emergency seating.



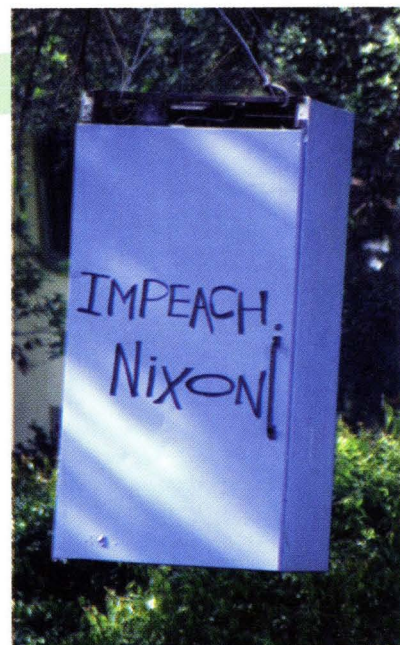
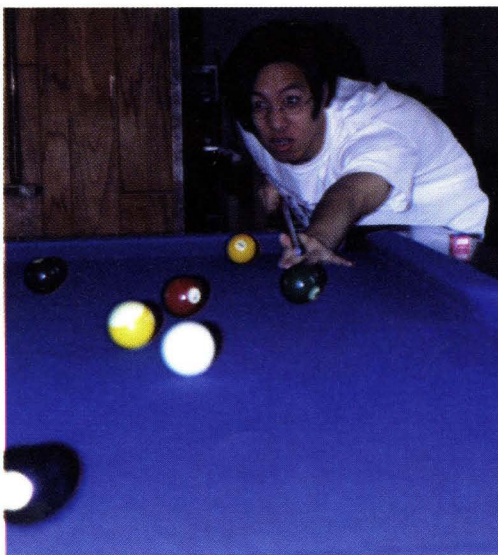


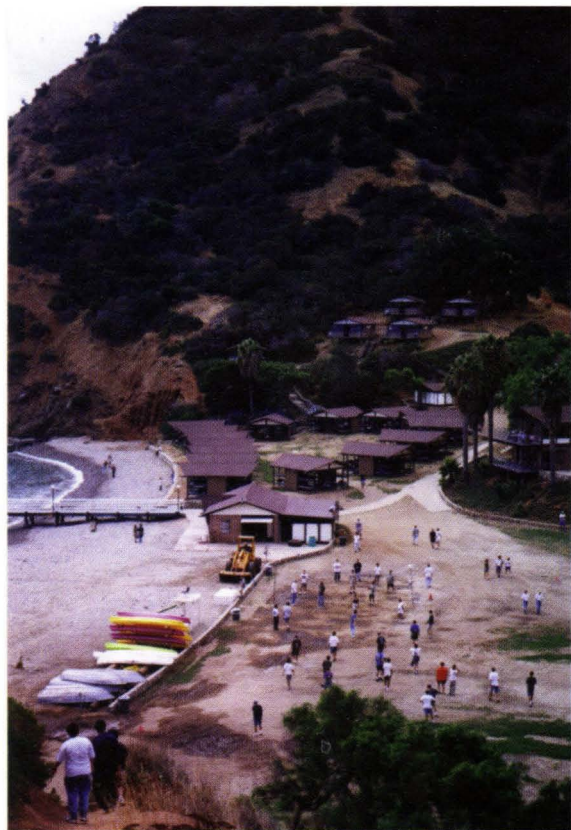
Caltech Life!

From amidst the rigorous primordial soup of study, upper right and left, life occasionally has the audacity to emerge at Caltech. Often, it is accompanied by food, as in the Blacker Hovse Tommy's Memorial Automobile, above center, and the successful "Inverted Brownie" test, right.

Recreating nerds are not a pretty sight. A perennial work-exorcist, the computer game "Snood" spawned the tribute, left. John Hatfield, lower left, enjoys the balloons he was thoughtfully given after leaving for vacation without locking his door. Likewise, Chuck Hsiao, bottom center, finds that physics is a painful, painful subject.

This year also saw a standard display of the improbable. Avery Center was pressed into service as the Stanford Bookstore for an episode of the TV show "Party of Five", right. Investigation revealed that Avery is neither a bookstore, nor part of Stanford (notice the Tech stand to lower left). Finally, a lone blue refrigerator, bottom right, hung from a tree in front of the Athenaeum. Either it was one senior's final tribute to Ditch Day, or a slightly anachronistic attempt at political activism.

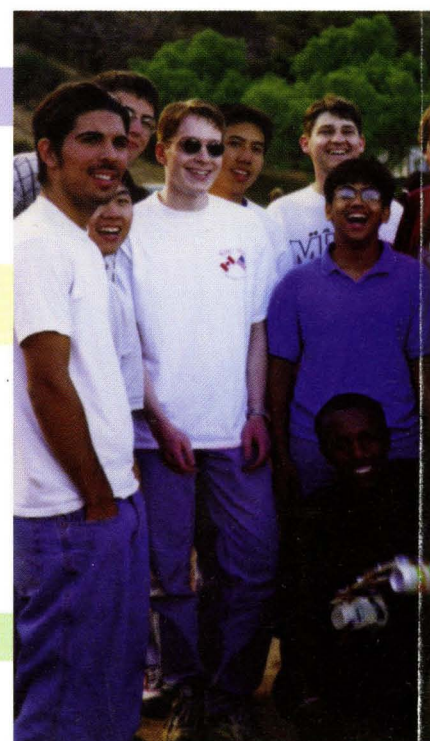
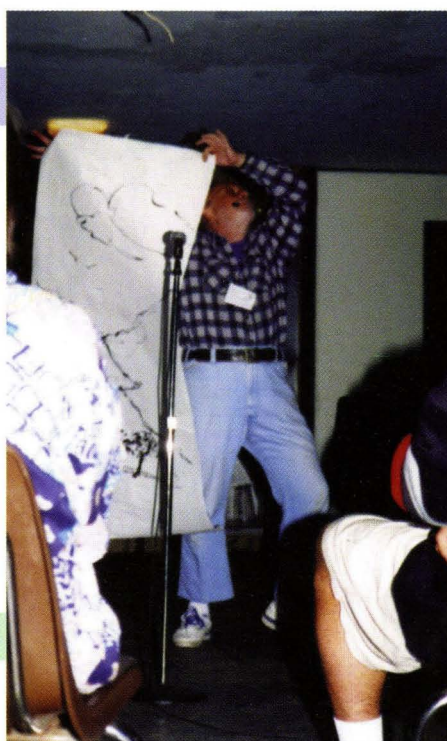


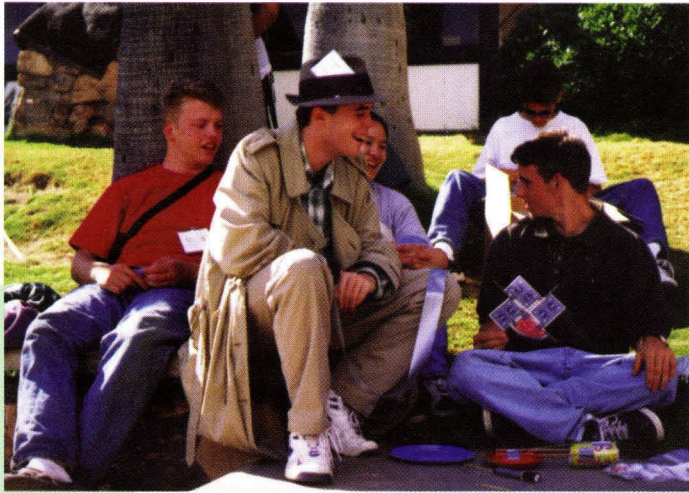


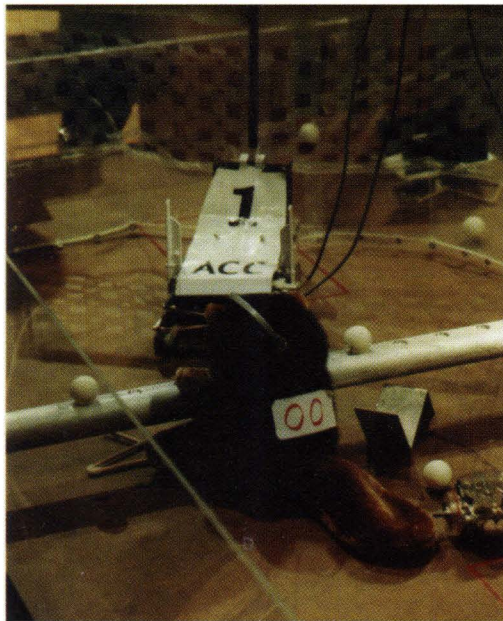
Frosh Camp

Frosh Camp, held at Camp Fox on Catalina Island, is intended to introduce the newest Caltech students to the Institute and their classmates. Early on the first day of camp, the frosh board the buses and catch the ferry to the island. Many people sleep on the way, but some stay awake and get to know each other and witness the spectacular ride to Catalina.

There are many organized activities to keep the frosh busy: Honor Code talks, Challenges and Choices, the annual talent show (and those wacky house skits!), and the annual Boat Building contest. In addition, there is plenty of time to toss a disc around, canoe, climb nearby Bible Peak, and just chill before starting classes and Rotation the next week.

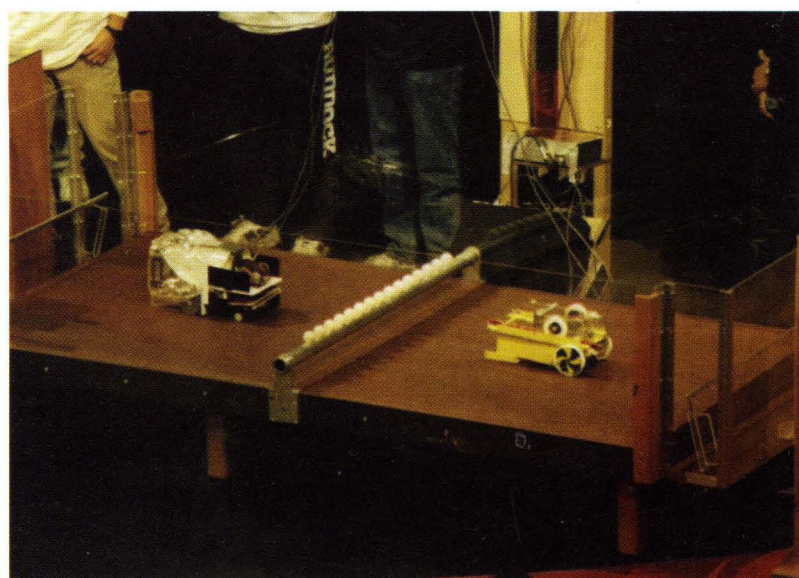


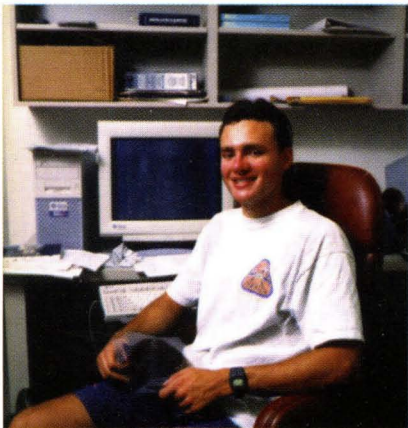




The 15th Annual ME72 Contest

ME72: 12 units, (3-8-1); first term. This year's contest: Team Foosketball. The challenge: working in pairs, knock as many ping-pong balls into a goal on the opposite side of the table as you can in 30 seconds. Popular designs included barriers to block the other players' goal, and a smaller, more maneuverable machine for play. Jay Henderson and Bill Hiestand, the second place team, had a more original design, involving a fan which blew the ping pong balls into the goal. After a grueling contest, however, Nathan Schara and Eric Hale's design (which incorporated the phrase "Your ad here: phone x6170" on the fan-like barrier) took first place.





SURF '98



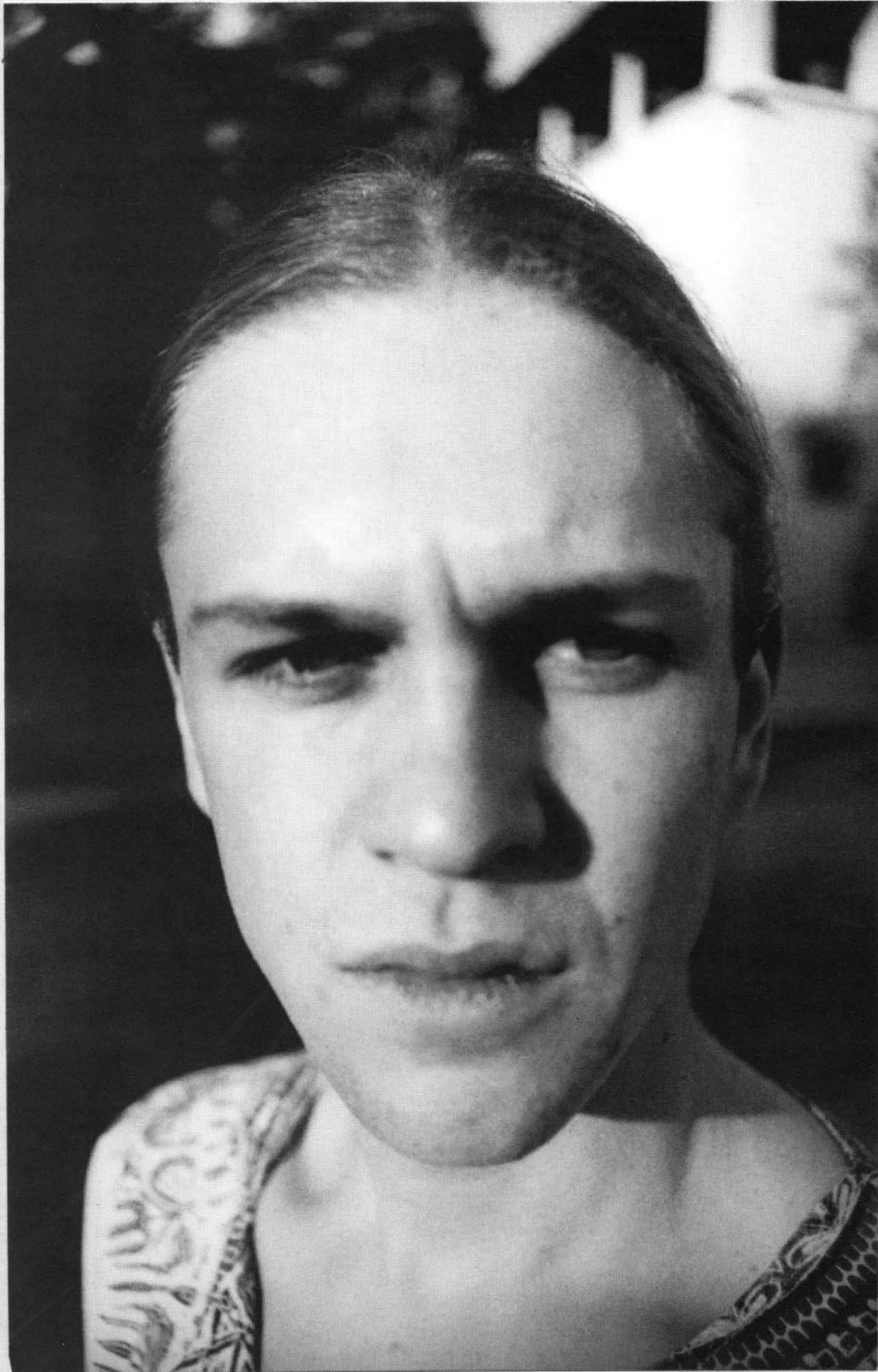
SURF continued its twenty-year history of granting Caltech and non-Caltech students the chance to conduct independent research projects under the guidance of leading scientists and technical researchers here at Caltech or JPL. New this year were the Frosh SURF and Beckman Scholars programs. The Frosh SURF program allowed “prefrosh” — students of the class of '02 — to come to Caltech the summer before their frosh year to conduct a SURF. The Beckman Scholars are funded for two years in the fields of Biology and Chemistry.

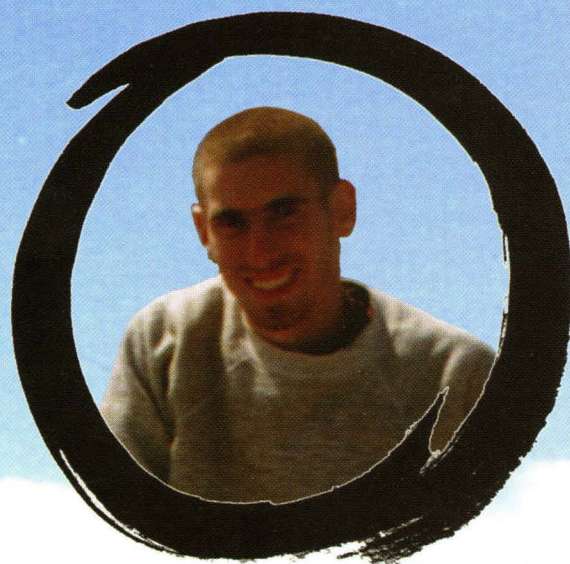
In this year's Doris Perpall Speaking Contest, Ming Chen took first place, with her talk on “Exploring the Structure of the Enzyme Oligosaccharyl Transferase via a Novel, Localized Cross-Linking Reaction” and David Tytell was awarded second place for his research in: “Understanding the Atmospheres of Galilean Moons: A Spectroscopic Study Using the Hubble and Keck Telescopes.”



Mike Rhoads

the self has gone away and all the atoms are seething.
1976-1999





David Rosefelde

“Alex”

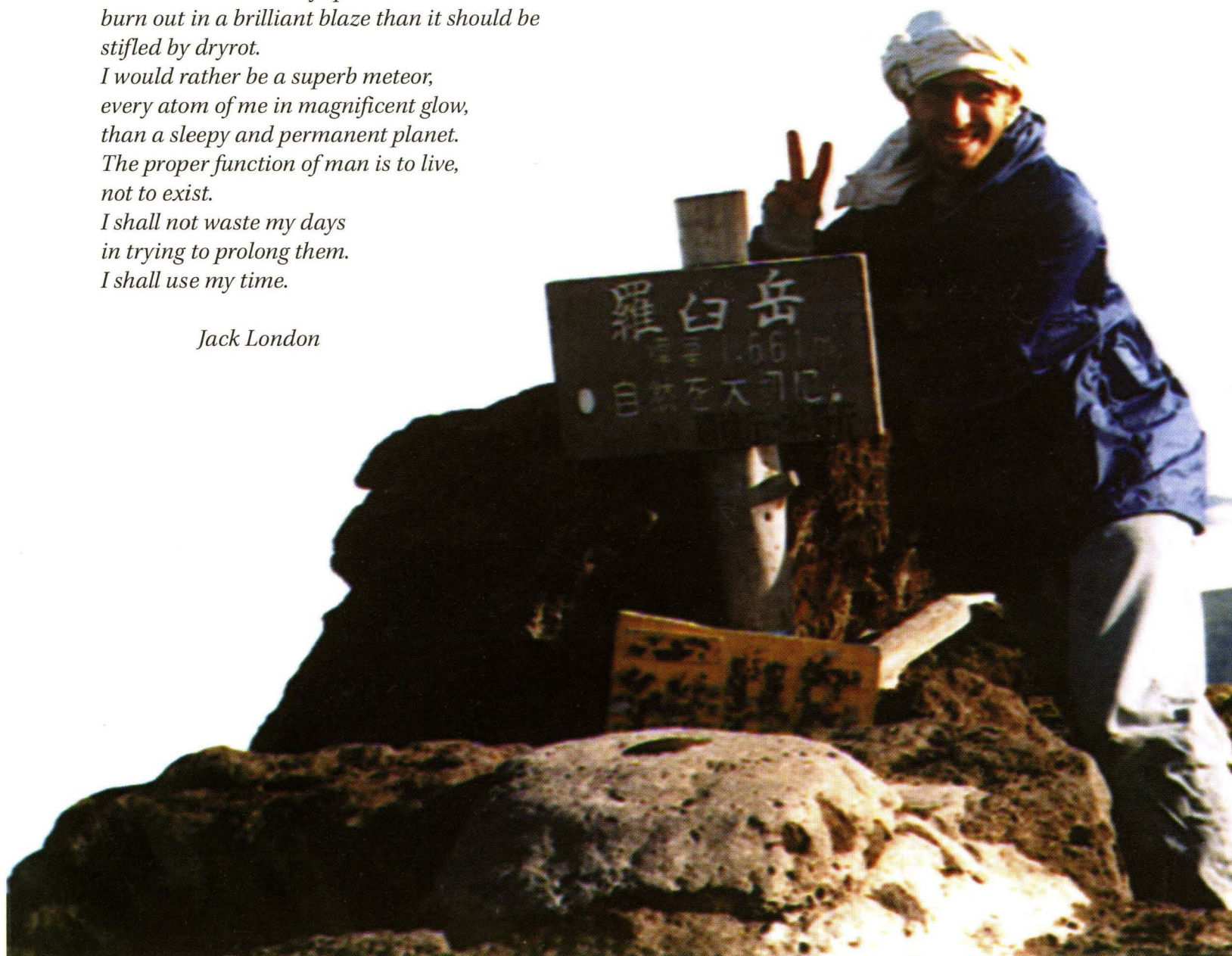
1978 - 1998

*I would rather be ashes than dust!
I would rather that my spark should
burn out in a brilliant blaze than it should be
stifled by dryrot.*

*I would rather be a superb meteor,
every atom of me in magnificent glow,
than a sleepy and permanent planet.
The proper function of man is to live,
not to exist.*

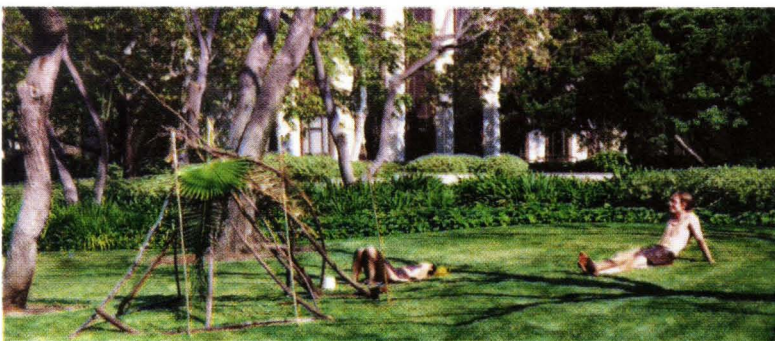
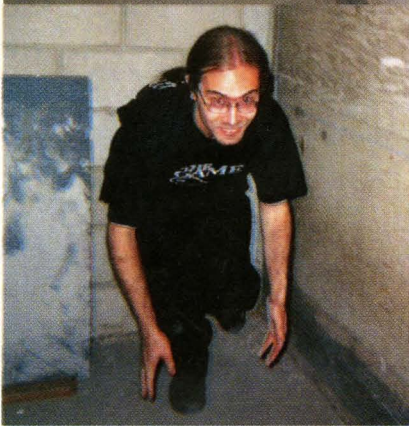
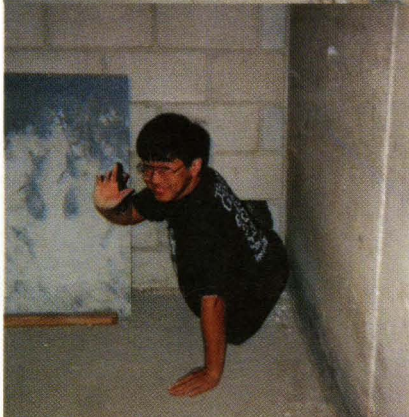
*I shall not waste my days
in trying to prolong them.
I shall use my time.*

Jack London





Ditch Day



Sunrise dawns on a puzzle ridden landscape
a physical nonsequitur to everyday existence
vehicles of all description race across the campus
on errands from the trivial to life and death matters
save the world from conspiracy or destroy everything in sight
travel into a fairy tale to set the world right

from early this morning 'til the cannon fires
at five
we take the brakes off and we shift into overdrive

<chorus>
One Day
to shed the tension unreleased for nearly
thirty weeks
to be afraid of hordes of water pistol toting
geeks
one day to be crazy one day to be wild
one day for a twenty year old child

cryptography and oragami going hand in hand
may lead you to the answers or just one step closer
puzzles of advanced design may stump a budding genius while
maps can show the way or make you run around in circles
go out on a limb to retrieve a vital clue
sponsor general mayhem there are people after you

leave no doubt to observers that we're a
peculiar breed
teamwork becomes essential as we
accelerate to ramming speed

<chorus>
wallow in the mud pit or frolic in the water
it really doesn't matter now 'cause everyone gets messy
race across the lawn in a shopping cart speedster
or run with wild abandon in search for hidden treasure
terrorize innocent bystanders and display your tribal pride
create a visual paradox and slide slide slide

everybody can wipe out and still be pretty cool
better yet to be the greatest fool
<...two...three...four>
"I'll tell you what I want, what I really really want
so tell me what you want, what you really really want"

<chorus>





the world looks over our shoulders at a day
of disarray
they shake their heads in disbelief as they
watch nerds at play.

<chorus>

break a cipher solve a riddle travel to the
future
find a heart or find a brain explore a tropic
jungle
dress in drag for any reason change the
laws of physics
build unusual structures find an unusual
friend
Take a break, then pound some concrete
again

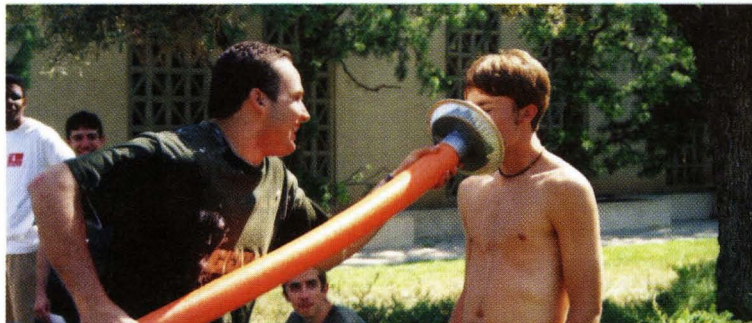
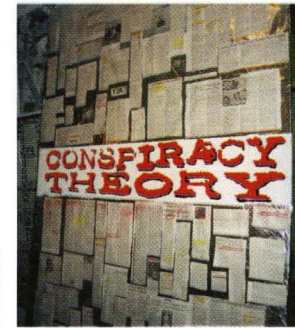
a dozen bribes are waiting behind a dozen
doors
pick a lock and crack the code and victory
is yours

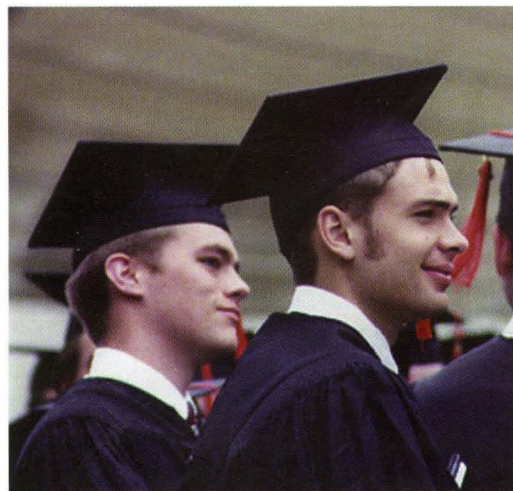
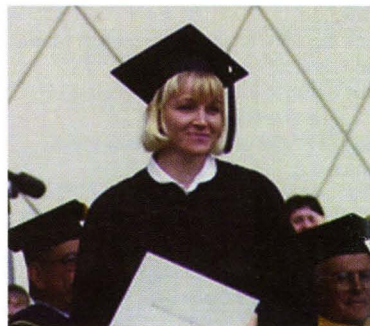
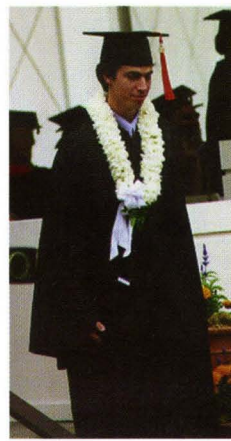
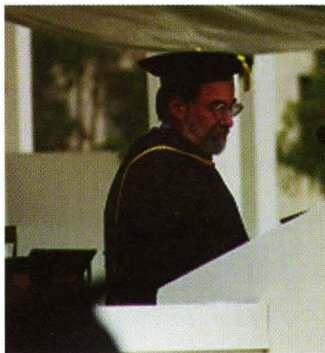
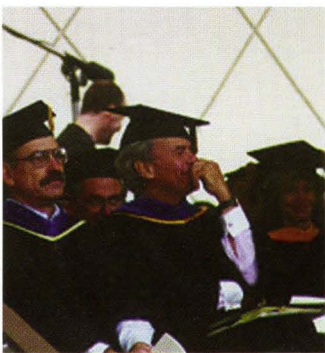
One Day
one day for a mystery for treasure hunts
and trips through time
one day to say farewell to the class of
nineteen ninety nine
one day to be crazy to break all the rules
a day where insanity is cool

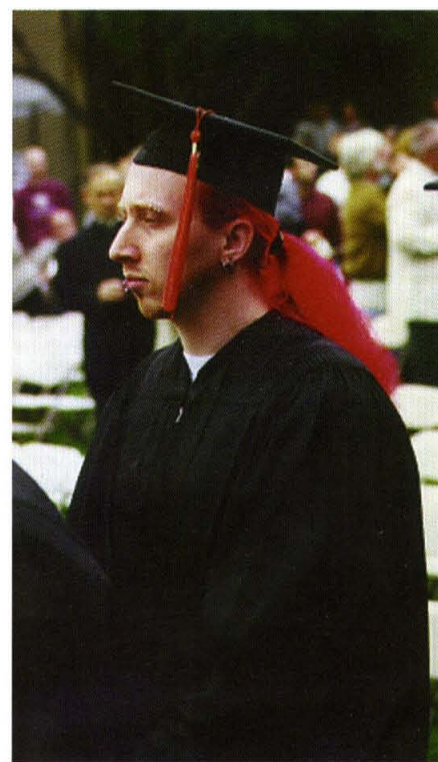
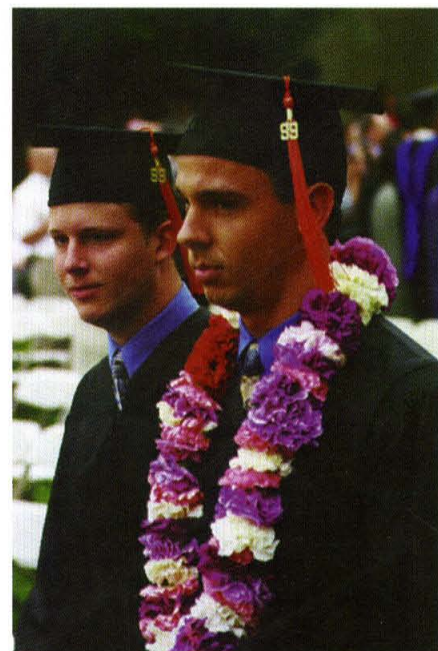
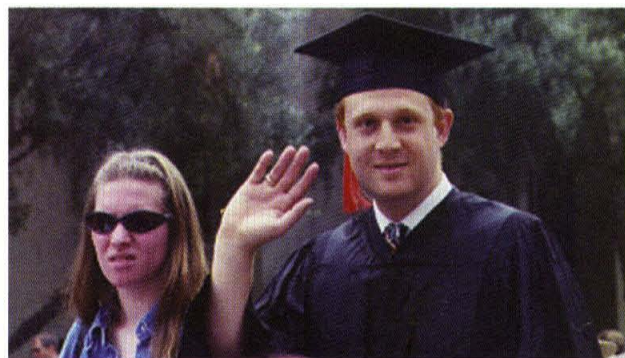
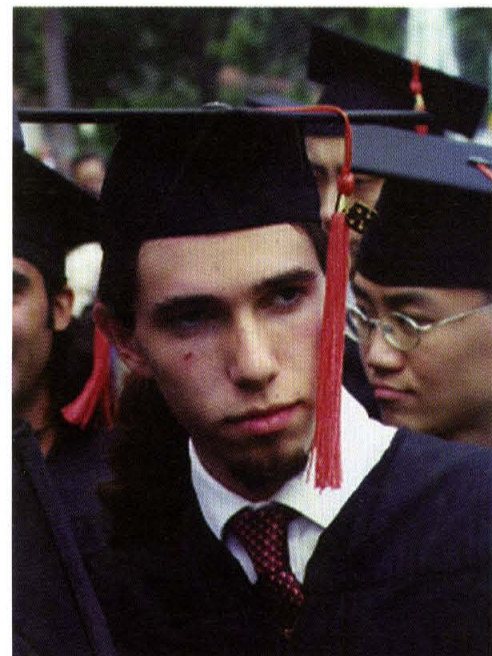
tomorrow lasts forever but today is almost
done
pass the torch and start the count 'til our
next day of fun

One Day
one day for a mystery for treasure hunts
and trips through time
one day to say farewell to the class of
nineteen ninety nine
one day to be crazy but no one knows
when
the next tomorrow comes again

until tomorrow comes again
— ecphonema, Ditch Day '99.
lyrics, Scott Van Essen with help from Joe
Cook







Sorry to see you gals and guys go
Some of you covered in laurels
Coz you have done so very very well
What we'll do without you I really don't know.

Some others made it just by a nose
Graduating with a so so GPA
Which does not mean they haven't earned anyway
Some very very special kudos.

While you were here we had a healthy dose
Of the usual encounters and tensions
Which so characterize the relations
Between holders of- and drinkers from- the proverbial hose.

We also had much and frequent cause
To laught and all without guile
Enjoy pranks and RFs with a smile
And sometimes even things that did make us pause...

But now, however all of you can be proud
You went from Camp Fox to the end of your trek
On this day in the Court of Man at Caltech
Where all of us sing strong and loud.

Sing praises with joy.
Henceforth what you learned here,
And even things you did not wake to hear,
Will serve you well in your employ.

Whatever you become,
Scientists or stars of commerce
Astronauts or doctors diverse
Of Techers you'll bring the power awesome.

So hail to you all on this June day
Though having you disperse makes me feel morose,
Still I wish everything come up sweet as a rose
As you go on your merry way.

Good bye Aimee, Adriane and Karl,
Brian, Erik and Francisco,
Cynthia Gong, Minxi Gao,
Autumn, Shayan and Merle.

Good bye Krishna, Klejda, good bye to you,
Joseph Kalmon Blitzstein, Radoslaw Osada,
Amy, Julius, Jorge Palamara,
Claudiu, Brigitte and Thota, too.

Farewell Kara, fly high Koen,
Hang in there, Tanya and you too, Biswal
Emma Goldberg, Robert Gorsche, give it your all,
May you all to success be prone.

To you and all the other graduates
From Nasim A. to Conrad Z.
Fond greetings, keep hale and hearty,
May your life be cause to celebrate!

— Dean Jean Paul Revel, *A bientot* '99.



THE CORE ✕ MATH 2C ✕ THE GOAT PROBLEM
✕ PHYSICS 1A ✕ SHOOT THE MONKEY ✕ THE
MECHANICAL UNIVERSE ✕ SOLDER YER
FINGERS ✕ VISITING PROFESSORS ✕ CHEMISTRY
41 ✕ CHEM3A ✕ PHYSICS236 ✕ KIP'S LAST
STAND ✕ CDS (AKA TFM) ✕ LIT165 ✕ MENU
CLASSES ✕ PALOMAR ✕ STARS ✕ DAVID
STEVENSON ✕ BLACKHAWK LANDSLIDE ✕
GE107 ✕ ROLLING A SUBURBAN ✕ ME72 ✕
GLEN GEORGE ✕ EE5X ✕ CS1, 2, 3 ✕ UGCS AT
NIGHT ✕ RES LIFE ✕ BI/CHEM 110 ✕ AMA95
✕ PARTIAL DIFFERENTIAL EQUATIONS ✕
HOUSING ✕ NOBEL PRIZE WINNERS ✕ EATING
AT THE ATH ✕ NATE LEWIS' NOSE ✕ BI1 ✕ TA
INTERPRETIVE DANCE ✕ EXTENSIONS ✕
MIDTERMS ✕ FINALS ✕ PAPERS ✕ I'S ✕ GLORIA
✕ REGISTRAR ✕ UASH ✕ D IS FOR DIPLOMA



ACADEMICS



Office of the President

During his first year of office, President Baltimore has been willing to join in student pranks, presenting a plush turtle to one graduate and appearing in the Rivet.



Dean's Office

The campus location for free sodas and cookies, the Dean's Office is a welcoming place to bring your problems, be they personal or academic. They also hand out the Big T funding check. They administer the tutoring system for most core classes and the Dean will sometimes show you his watercolors while signing your add card.

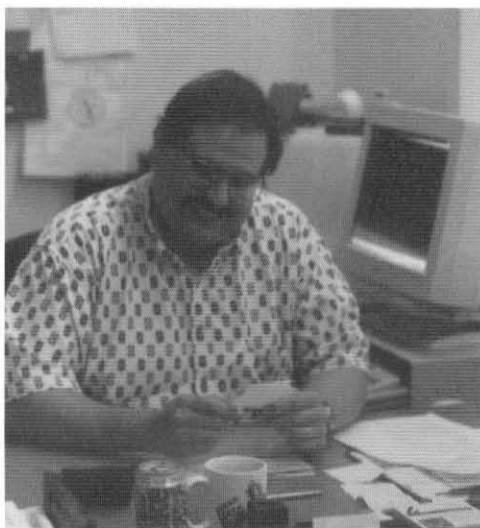
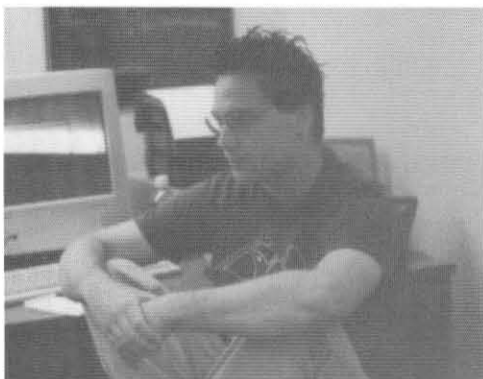
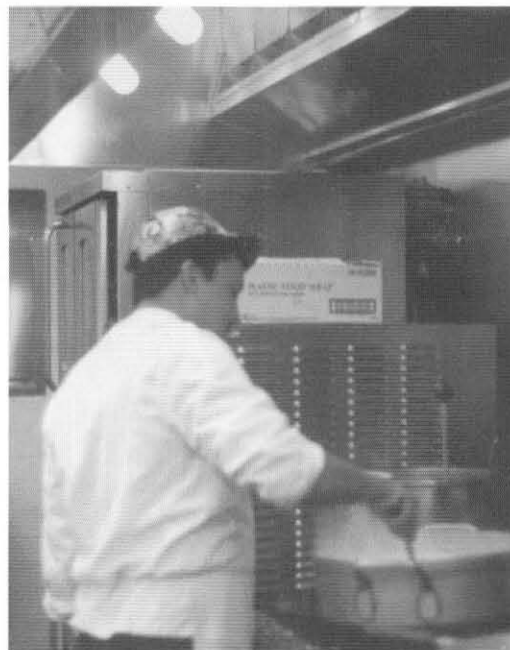
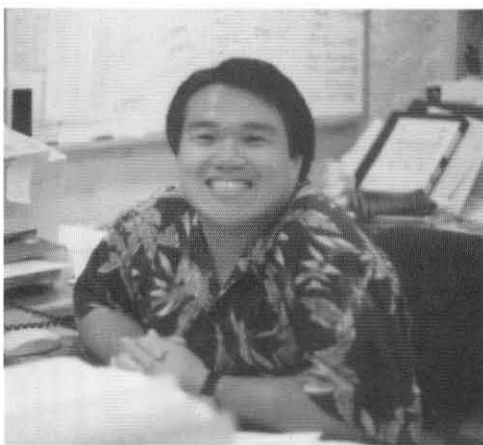
Student Affairs

Student Affairs at Caltech complements and enhances the Institute's educational 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.



Campus Business and Auxiliary Services



Housing, Campus Dining Services, the Bookstore, Wired, Campus Card Systems, the Red Door Cafe, and Custodial Services comprise the juggernaut known as Campus Auxiliary and Business Services, led by Tom Mannion. If you want to live, eat, or buy books on campus, you'll probably run into a CABS employee at some point. Biff Yamazaki runs Housing. Talk to him about rent and space problems. Tony Valdespino heads a legion of repair people. He's the guy to talk to if you want a ceiling fan replaced, rug cleaned, or a smelly dumpster removed. On the food front, Andre and Patrick run not only board food, but the food and Chandler. Kate serves up pots of fresh coffee daily to undergrads and grad students alike.



ITS, or Information and Technology Services, provides a wide range of computing facilities across campus, whether it be maintaining the Macs, PCs, and Suns in Steele, or the more specialized computers in the Digital Media Center, meant for graphic design. In addition, crews have been sighted all over campus this year, laying the cable for CITNet2000. And of course, where would we be without the ITS mail server?

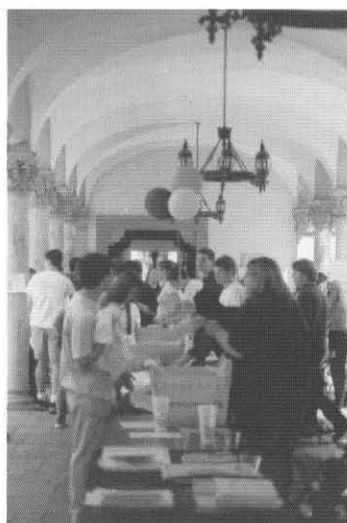
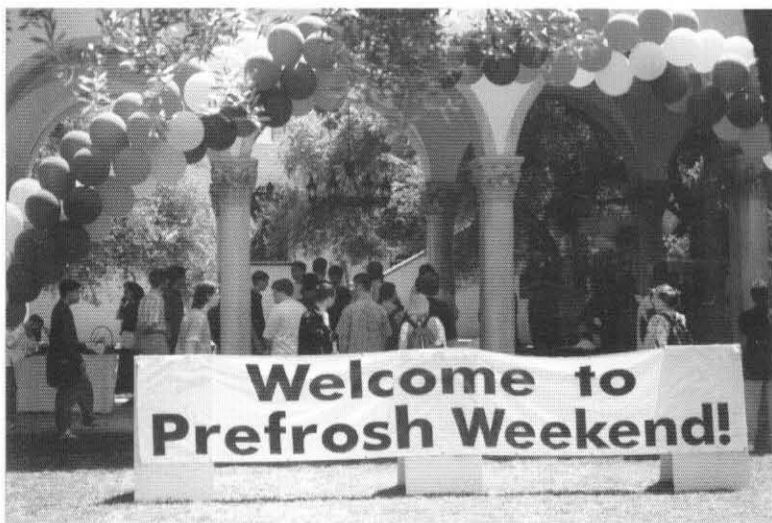


ITS



CLS

CLS, or the Caltech Library System, consists of the staff of Millikan, Sherman Fairchild, Geology, Judy, Earthquake Engineering, and Astronomy Libraries. They make available research tools such as CLAS, SCISearch, and the new Ibid. In addition to Caltech's many print subscriptions, there are many on-line subscriptions available through the Library.



Admissions does not just select students to come to Caltech. They are also responsible for recruiting students from high schools across the country and for organizing Prefrosh Weekend. With the help of House Reps, the prefrosh are fed, housed and told about Caltech on this weekend.

Admissions



Registrar's Office

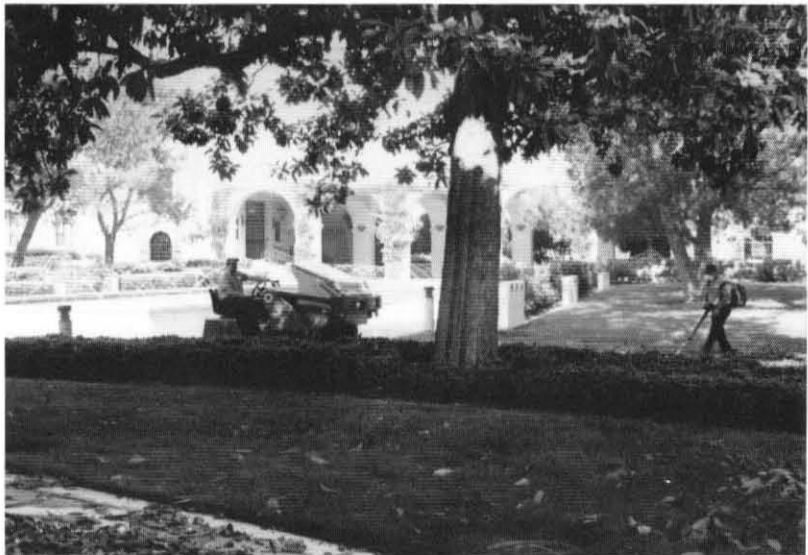
At the Registrar's Office you can: register for classes, pick up a yellow add/drop card, petition UASH, get a Big Red Drop Card (no longer big or red) declare your major, find out if you're going to graduate, apply to classes at other universities, and get copies of your transcript sent to graduate schools. You can also drop by and chat with Gloria.

Financial Aid



The Health Center

A place we hate to visit, but couldn't live without.



Buildings & Grounds

The campus source for fresh turf, pretty flowers, and 8 AM Whisper Chipper wake-ups.

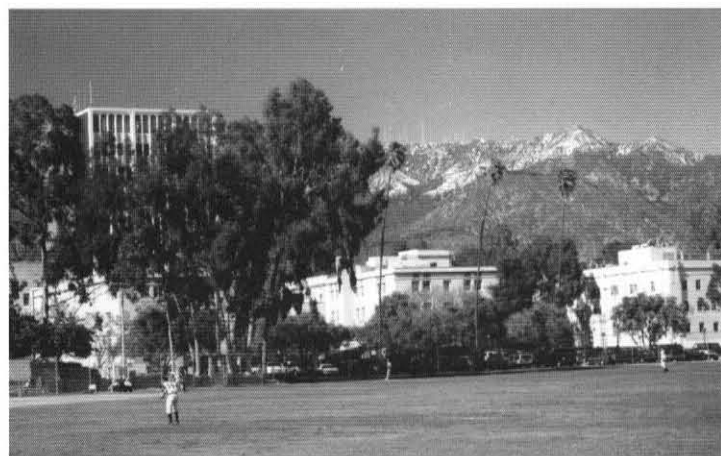


The Caltech Athletics Division continues to offer the Caltech community a wide variety of facilities and opportunities to get in shape, under the guidance of new director Timothy Downes. From the popular pool to the weight room, Techers can exercise their bodies in many ways.

This year, Caltech teams competed in Soccer, Women's Volleyball, Fencing, Golf, Swimming, Diving, Tennis (Men's and Women's), Baseball, Basketball (Men's and Women's), Water Polo and many other sports. Interhouse challenges included Softball, Disc golf and the ever-popular Ultimate frisbee, which was also played casually by the Ultimate frisbee club.

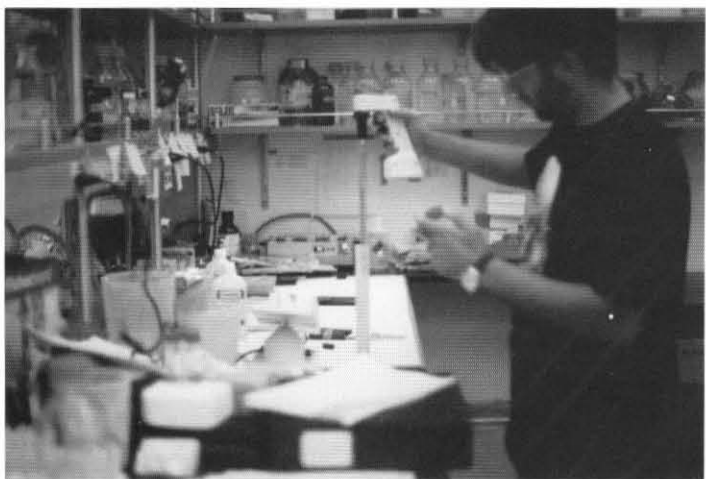


Athletics



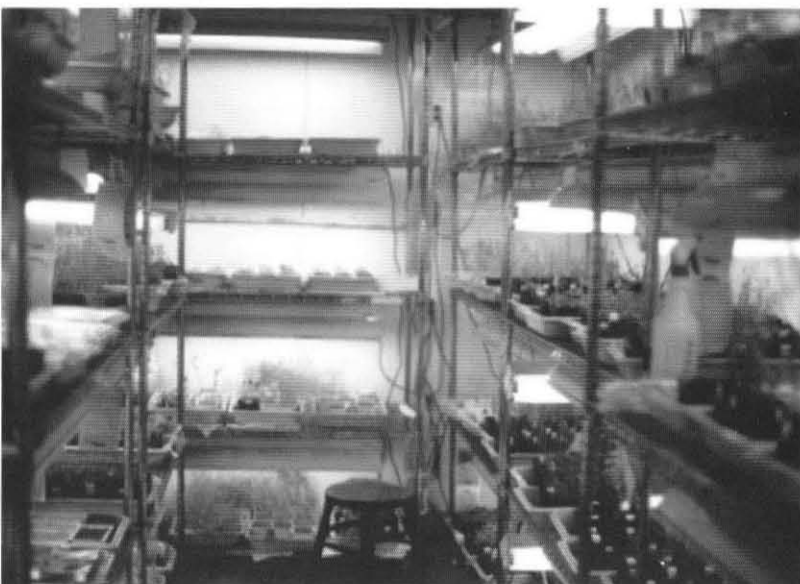
Performance & Creative Arts

Reorganized under the umbrella of Student Affairs, theater arts, pottery, drawing and painting, Jazz and Concert bands, Chamber Music, the Orchestra and Men's and Women's Glee Clubs were united under the director of Darryl Denning, longtime guitar instructor. Concerts, plays and artwork abounded this year, and good things are expected for next year.



Biology

The Biology Department has received a boost with President Baltimore's presence. In addition, the \$100 million biological sciences initiative brings new, exciting plans, and the Broad Center for biology, a new building, slated to fill the area north of Beckman Institute. Construction on the new parking structure, required by city code, has begun.



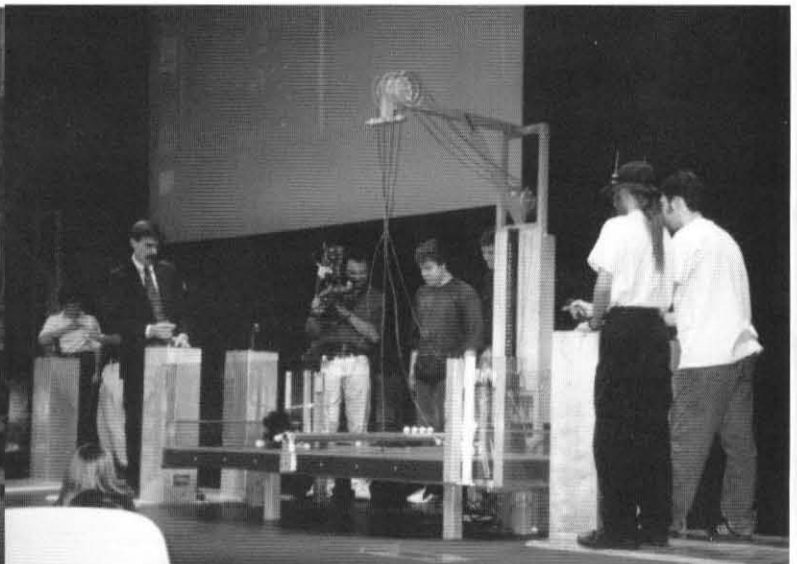
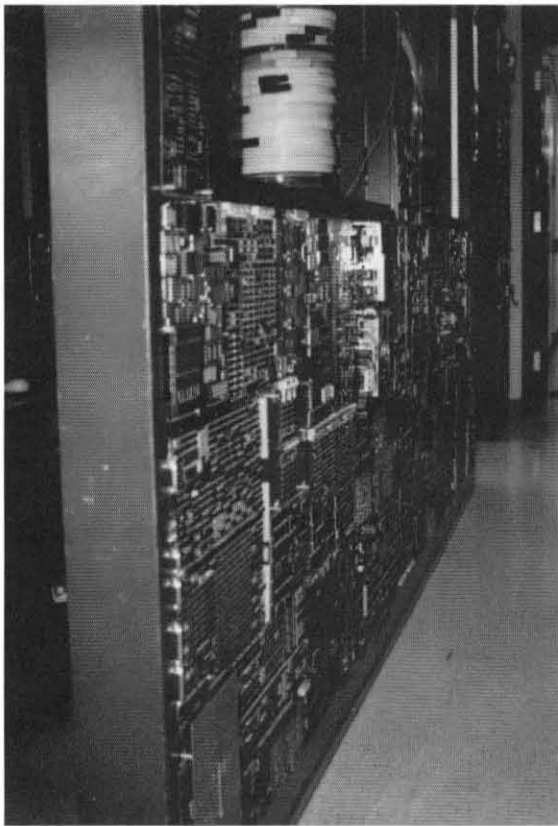
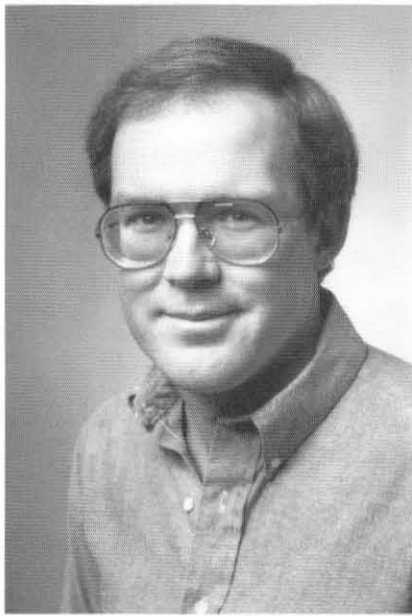


Chemistry & Chemical Engineering

25

The Chemistry and Chemical Engineering departments have continued their tradition of excellence, as Chem 1a students have continued the tradition of ponding Professor Nate Lewis on his birthday. The students in Chem 41b received a through grounding in spectroscopy from Dr. Roberts. Chem 3a, the required lab pictured at left, continued. New this year, were the finalized requirements for a Biochemistry degree. Also, undergraduate students were agble to pursue more intensive studies with the SURF-administered Beckman Scholarships, allowing for two years' of study in a biochemical project.



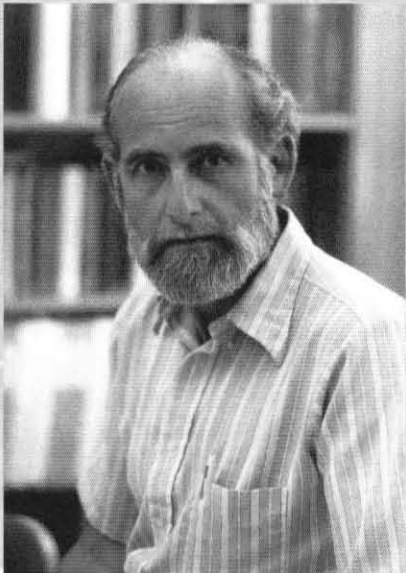




The Engineering and Applied Science Division offers courses in Electrical Engineering, Material Science, Civil Engineering, Computation and Neural Systems, Control and Dynamical Systems, Applied Physics, Applied Mechanics, Computer Sciences, Mechanical Engineering, Aeronautics, and of course, Applied Mathematics. (The ever-popular and required for graduation AMa 95 was taught this year by Professors Meiron and Keller, shown at left.)

Other oft-taken classes include those taught by Glen George (far left), from the introductory CS 1, 2, & 3 series to the tougher EE 5x series. Students taking EE 52 can expect to spend many hours in Moore (middle left), debugging their projects.

Computer Science has made several exciting changes. Most importantly, Computer Science and Electrical Engineering are jointly offering a new undergraduate degree program called Electrical and Computer Engineering. The course structure for the E&AS degree with an emphasis on Computer Science has been changed to ensure that students get a strong Computer Science education.

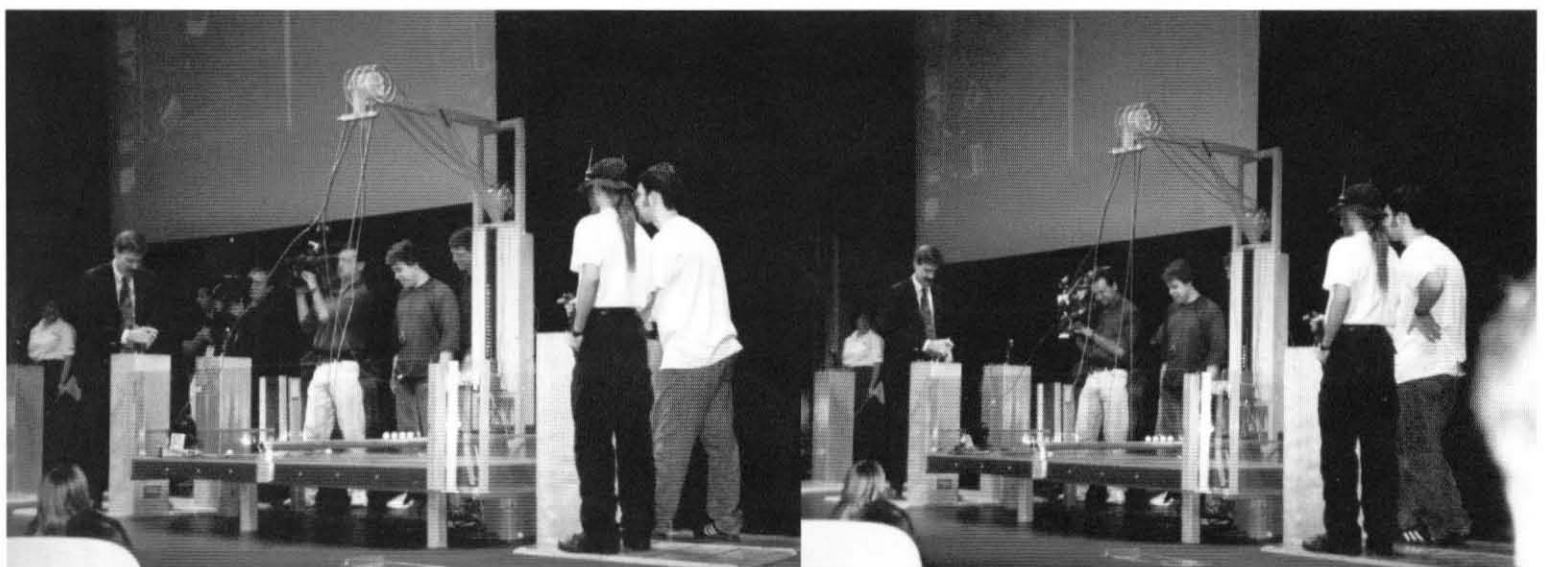


The introductory courses, CS 1, 2, & 3 are being changed to emphasize systematic design of software and software engineering. The primary language used to illustrate ideas in these courses will be Java. CS 3 will be a projects course with teams of students exchanging codes midway in the term. Students taking these classes spend lots of time in ugcs, the Undergraduate Computer Science Lab, which was given 24 new machines by Intel this year. (Pictured middle row, left page.)

Undergraduates have exciting research opportunities in several areas of computer science including graphics, VLSI, architecture and distributed systems. Several computer science undergraduates will have papers in conferences and journals this year.

Another exciting class is ME 72, the annual Design Contest. This year's team project was won by Nathan Schara and Eric Hale. Pictured below, they face off against Professor Antonsson and the Placebo.

Engineering & Applied Science



Geological & Planetary Sciences



*Back (L to R): Sam Epstein, Ed Stolper, Geoff Blake, Mark Simons, George Rossman, John Eiler
Second Row (L to R): Hiroo Kanamori, David Stevenson, Joe Kirschvink, Peter Wyllie, Rob Clayton, Arden Albee
Front Row (L to R): Ken Farley, G. J. Wasserburg, Bruce Murray, Don Anderson*

The Geological and Planetary Sciences Division, from rocks at Catalina Island to Alaska to Pahoehoe to Zilchbrau, has had a successful year. Menu course Ge 1 continued to increase in popularity, and has now inspired a few people to change majors to the division. The Ge 1 class trip to Blackhawk Landslide (in San Bernardino County) was echoed a few months later in the Ge 111 week-long expedition for the new lab class in applied geophysics,

Professor Kirschvink's annual trip to Baja was enlivened when a vehicle overturned — no one was hurt, and everyone had a good story to tell when they got back.

New graduation requirements were issued, requiring all majors to take the dreaded AMa 95, but revising field requirements, and granting credit for classes such as Chem 41. Next year, undergraduates in the division will travel far afield, to Turkey and Greece in the fall, New Zealand in the winter, Pahoehoe in the spring, and who knows where else!

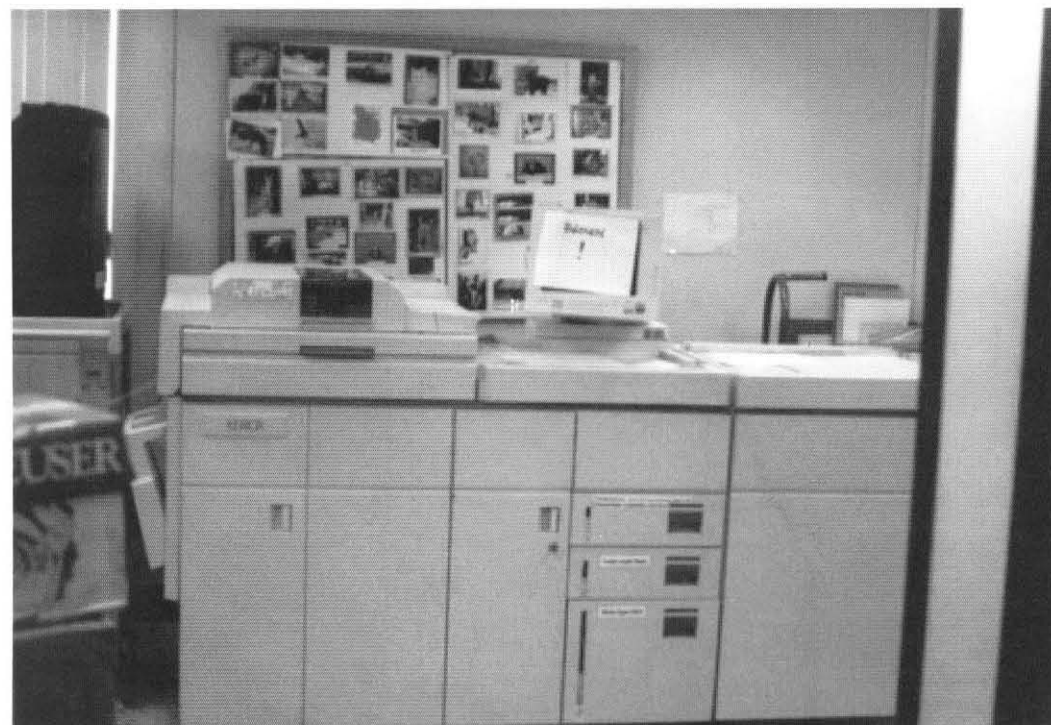
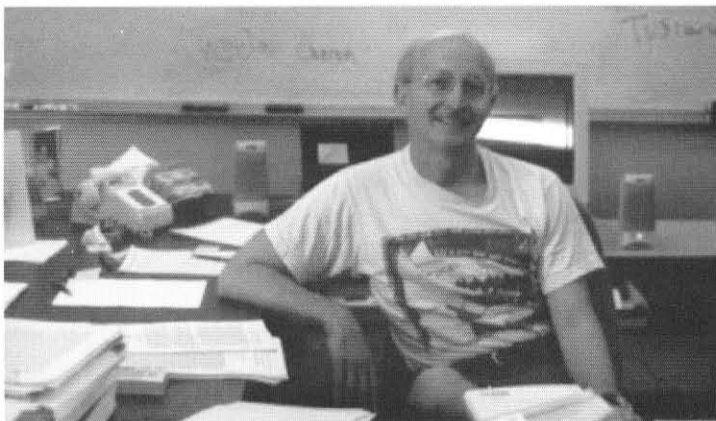
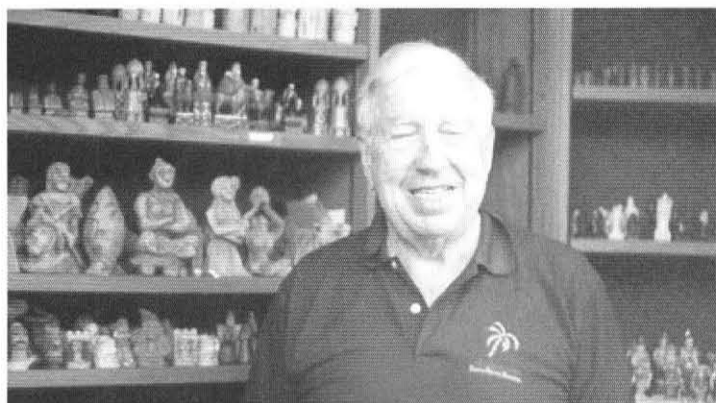


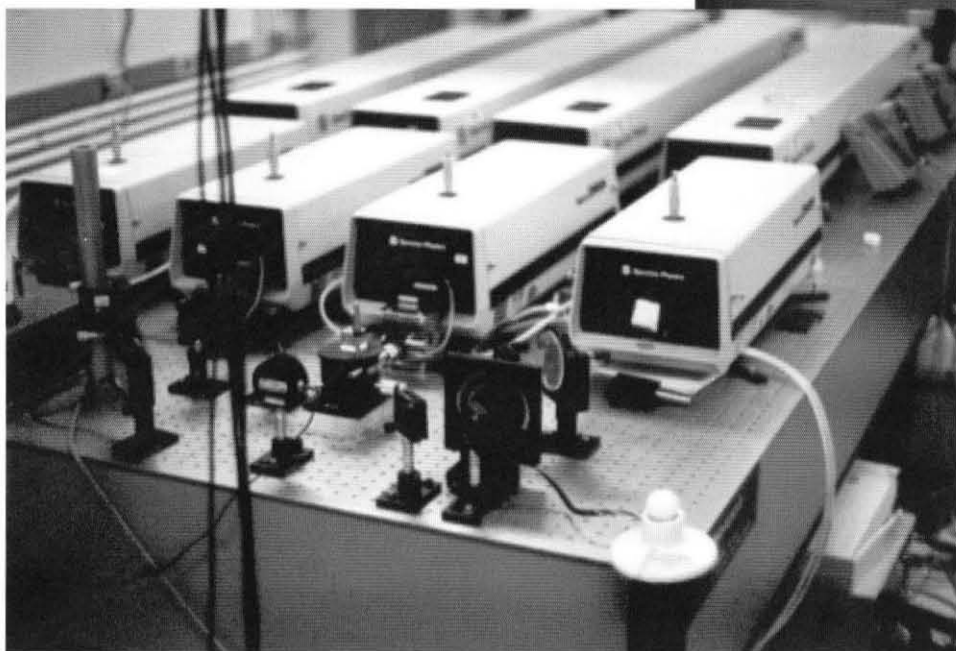
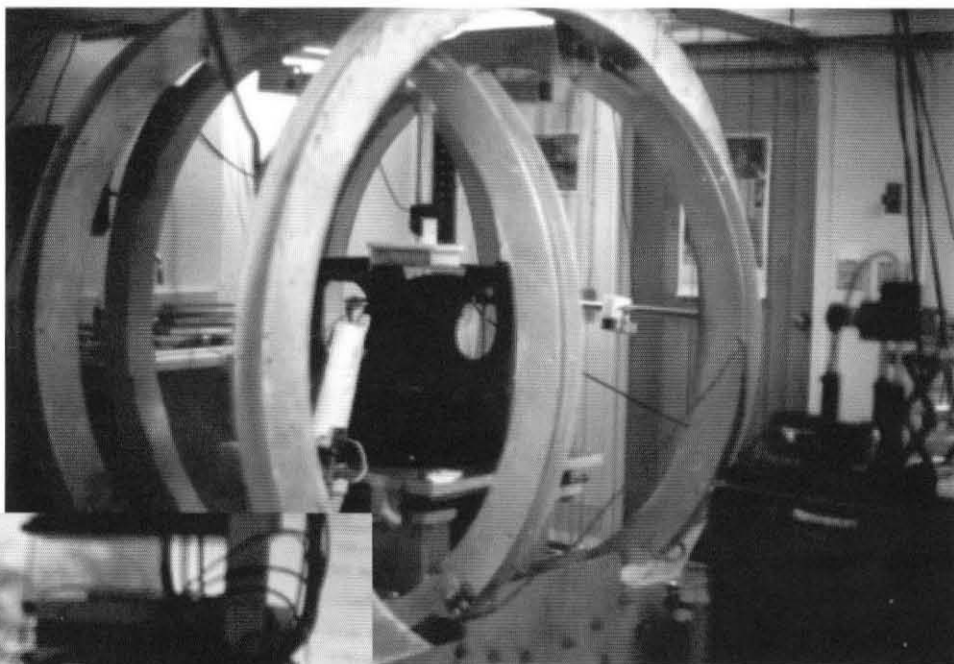


Humanities & Social Sciences

The Caltech Humanities and Social Science Division, the most maligned and underestimated division on campus, has done their usual superb job of teaching Techers everything from Japanese to law. Classes are offered in French, Russian, German, Spanish and Latin. In the field of English literature, classes included the popular "Henry James" seminar, Lit 106 — an opportunity to write your own poetry for credit. Topics ranged from the daffodills in the wind to quantum mechanics.

The Social Science department, meanwhile, offered classes in Science, Ethics & Society and more traditional courses such as economics (a popular double major) and psychology. End-of-term psych projects tested almost everyone on campus, eventually.







Physics,



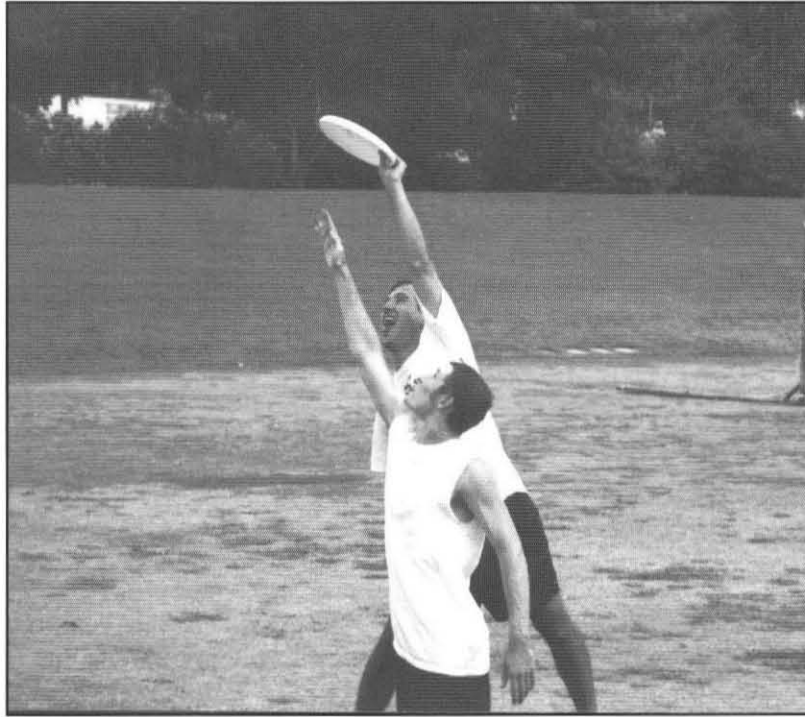
Mathematics,



& Astronomy



VOLLEYBALL ✕ SOCCER ✕ TRACK & FIELD ✕
CROSS COUNTRY ✕ BASEBALL ✕ SOFTBALL ✕
BASKETBALL ✕ SWIMMING ✕ DIVING ✕ WATER
POLO ✕ POOL ✕ TENNIS ✕ RACQUETBALL ✕
SQUASH ✕ WEIGHT TRAINING ✕ BRAUN
ATHLETIC CENTER ✕ NORTH FIELDS ✕ INTER
HOUSE ATHLETICS ✕ ULTIMATE ✕ DISCO
CHALLENGE ✕ “OUR FOOTBALL TEAM HASN’T
LOST A GAME IN 6 YEARS.” ✕ WE DON’T HAVE A
FOOTBALL TEAM. ✕ BONFIRE ✕ RAINED OUT ✕
AWAY GAMES ✕ HOME GAMES ✕ JV ✕ VARSITY
✕ HAWAII ✕ OXY ✕ POMONA ✕ ALUMNI GAMES
✕ JOGGING ✕ RUNNING TO CLASS ✕ THE
TRAINER ✕ ROCK CLIMBING ✕ SWING DANCING
✕ BALLROOM DANCING ✕ GO, BEAVERS! ✕
PLAYING MIT AT ROSE HULMAN ✕ KEEPING
SCORE ✕ LOSING COUNT ✕ HAVING FUN ✕



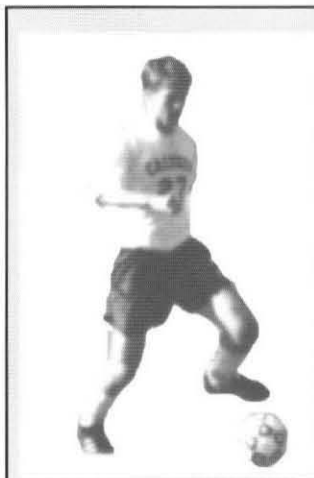
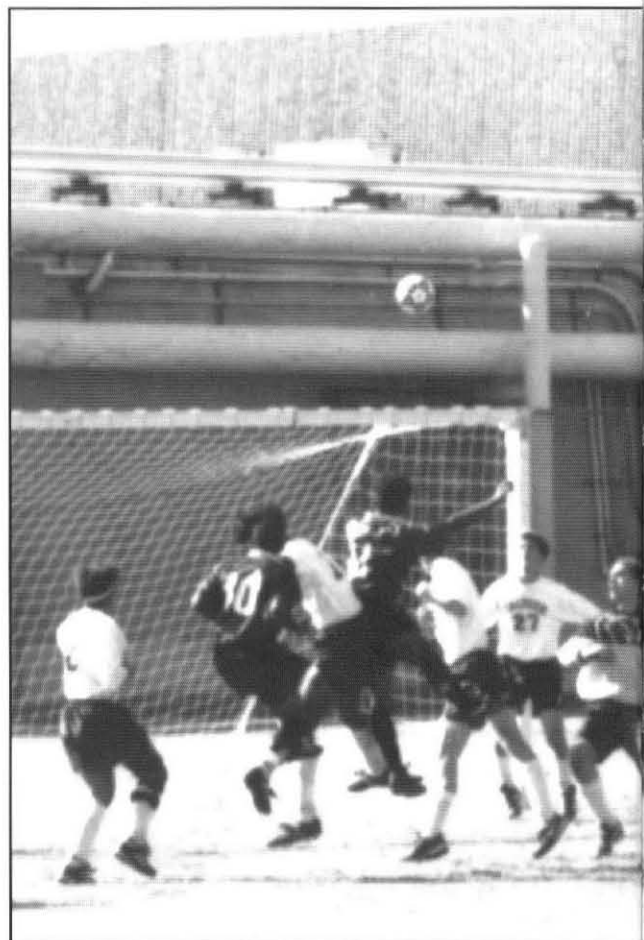
ATHLETICS



Men's Soccer Team: back (l-r): April Reed, Phil Howells, Daniel Song, Boris Axelrod, Ben Kalenick, Mat Barnet, Erik Dill, Stefan Kazachki, Ryan Merle, Christophe Maquestiaux, Kanwar Kahlon, Chris Brooks, Chris Kurtz, Jon Ladd, Christian Reichardt, Julie Tingle, Kenny Ritchie.

Middle (l-r): Jim Vango, Paul Novak, Doug Baker, Brian Hardy, Danny Kazachki, Dave Moll, Nate Senchy, Ryan Dieckmann, Matt Reese.

Front: (l-r): Emilio Castro, Robby Metcalf, Dale Parkes, Frankie Dias Lourenco, Craig Vieregge, Sean Pintchovski, Nathan Flowers-Jacobs, Bradley "Peanut" McCoy, Peter Dennedy-Frank



1	PCC	6
2	LACC	9
0	Christian Heritage	6
1	Whittier	5
0	Calif. Lutheran	11
0	Stevens	5
1	LaVerne	4

0	Pomona-Pitzer	5
1	Claremont Mudd	12
1	Occidental	2
3	Redlands	2
2	Occidental	6
2	Whittier	1
1	LaVerne	3

Soccer kicks ass

Soccer team wins games, optimistic

The Caltech Men's Varsity soccer team saw many changes this season—basically, we won games. At pre-season training an influx of talented frosh players, in addition to an experienced core of upper-class players, signified the possibility of having a promising season. Coach Tingle, Coach Howells, and the team captains recognized the team's potential at the onset of training and focused on drills and tactics that the team could benefit from the most. A combination of hard work, determination, and a little bit of luck (like Stephan's crazy legs) yielded not one, but two conference wins. The victories came against Redlands (3-2 in overtime) and Whittier (2-1). Ask any-

one on the team and they'd say the highlight of the season was definitely the exciting overtime win over Redlands. Half of the Redlands players cried in utter humiliation as they walked off the field that day, and the victory even earned Caltech a cameo on the daily CNN college sports summary. You know the Redlands coach had his players running laps the next day at practice. The Caltech Beavers ended the season 2-13, but it was certainly an improvement considering that the seniors couldn't recall the last time the team had achieved a single victory. Everyone this season gave their best performances, and although we still lost more than we won, no member of the team ever gave up or let the other team get the better of them.



The Bottom Line

2 wins, 12 losses



The Best

**SCIAC 2nd
Team
Striker:
Dale
Parkes**

**Most
Valuable
Player,
Midfield:
Francisco
Dias-
Lourenco**

**Co-MVP,
Offense:
Dale
Parker and
Stefan
Kazachki**

**Co-MVP,
Defense:
Brian
Frazier and
Mat Barnet**

**Most
Outstanding
Player:
Dale
Parkes**

The Best

**Outstanding
Female
Track
Athlete:
Serena Eley**

**Outstanding
Female
Field
Athlete:
Amy Duello**

**M. T. Davis
Trophy:
Aaron
Kuzin**

**Goldsworthy
& Golden
Ankle:
Ian Shapiro**

**Most
Improved
(Track):
Troy Lee**

**Most
Improved
(Field):
Brad
Blakestad**

Run for the money

Team did poorly, but individuals soared

Even though Caltech was crushed as a team each meet, the track and field season was marked by a handful of flashes of individual brilliance. Most notably, junior Ian Shapiro made a triumphant return to the racing circuit, showing amazing range by excelling at distances from 800m (2:01) to 1500m(4:08) to 5000m (15:46) and turning in his best performance when it counted most, winning his heat of the

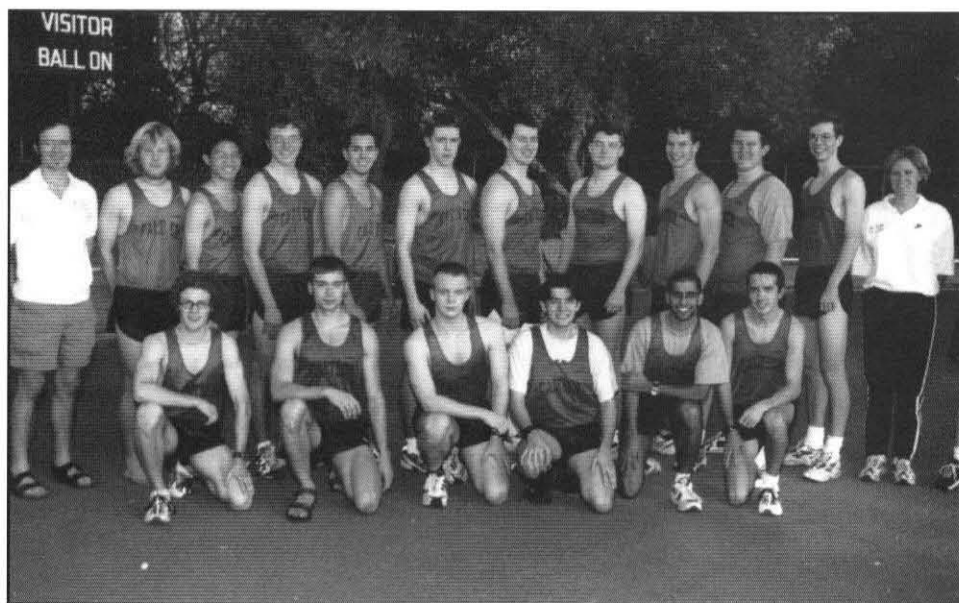
conference 1500m with a prolonged kick in 4:13 and narrowly missing All-Conference status in the final. Freshman Serena Eley ran a 66-second quartermile and missed the SCIAC finals by less than a tenth of a second, but she looks to be a threat in both the 200m and 400m for years to come. Coach Julie Tingle found a promising sprint relay team in freshmen Dirk Englund (52s) and Dave Guskin (53s) and sophomores Jon Ladd (52s) and Tom Daula (54s). Amy Duello, Aaron

Kuzin, and Brad Blakestad improved in the discus and shot put, while distance coaches Jasper Simon and Scott Jung watched Amy Kelly (1500m), Paula Whitten (800m), Adrian Seymour (4:21 for 1500m, 5000m), Kenny Higa (1500m), and Troy Lee (1500m, 5000m) have career years in their respective events. Zach Medin wore sunglasses in every 1500m race, and Tim Raub almost cleared 4'10" in the high jump.

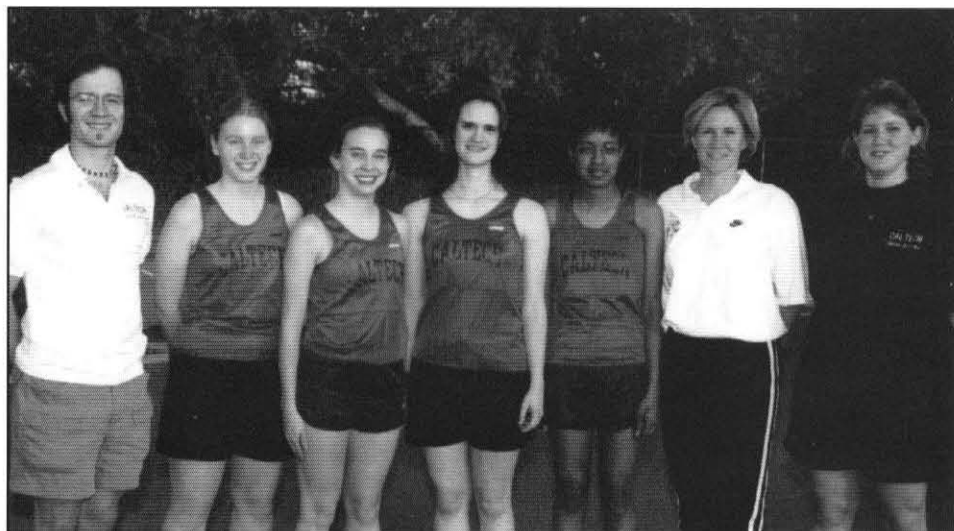


Men's

7	Pomona-Pitzer	121
6	Redlands	126
19	LaVerne	82
13	CalLutheran	89
1	CMS	142
23	Whittier	48



Track Team: Back (l-r): Assistant Coach Jasper Simon, Serena Eley, Troy Lee, Kenny Higa, Zach Medin, Cesar Gonzales, Brad Blakestad, Matt Ballard, David Hackenson, Steve Schell, Aaron Kuzin, Tim Raub, Head Coach Julie Tingle, Head Athletic Trainer April Reed.
Front (l-r): Ian Shapiro, Conrad Ziesler, Carolyn Gibbs, Amy Duello, David Moll, Solomon Kutnicki, Arjun Mendiratta, Amy Kelly, Adrian Seymour.



Women's Track Team (l-r): Jasper Simon, Sarah Cooke, Amy Kelly, Amy Duello, Serena Eley, Julie Tingle, April Reed.

The Bottom Line

Women's

13 Pomona-Pitzer	141
17 Redlands	100
39 LaVerne	91
6 CalLutheran	144
6 CMS	155
20 Whittier	94



The Best

**Team
Captain,
1998-1999:
Koen
Verbrugghe**

**Coach's
Cup:
Eagle Jones
&
Tom Daula**

**Freshman
Award:
Adam
Thompson**

**Most
Improved
Player:
Vladimir
Federov**

**SCIAC
2nd team,
Field
Player:
Eagle Jones**

Polo in the pool

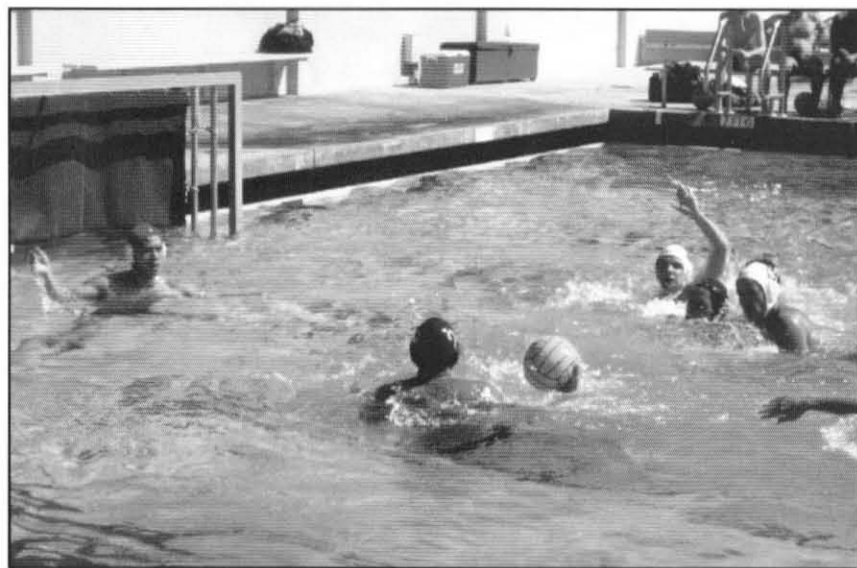
Team has successful year, optimistic.

The team is coming off a successful year, at times playing inspired polo and winning several games. This year's team will graduate Wes Tanaka and defensive star Mike Grebeck as well as captain Koen Verbrugghe.

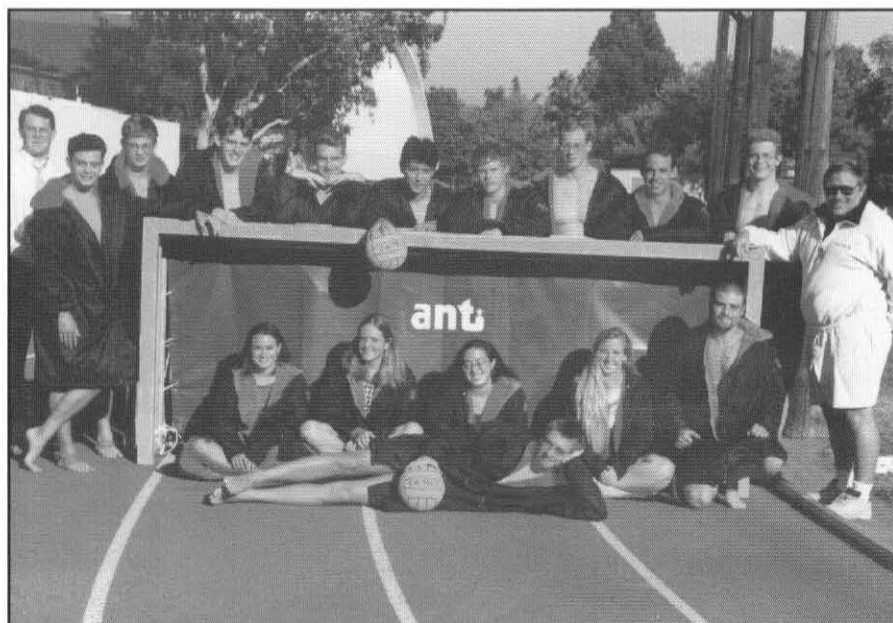
The core of the Millenium team will be centered around two All-Conference players, Brain Collins and Eagle Jones. Captain-elect Tom Daula and Adam thomason will contrib-

ute on offense, and most-improved player Vladimir Federov should be tough to score on next year.

The Beavers will pick up two freshmen with some speed but not much experience. Team goals are to improve against non-conference opponents and then "knock off anyone that looks past us." The team will again be young, with Collins the only senior, so Caltech Water Polo should be a regional force for years to come.



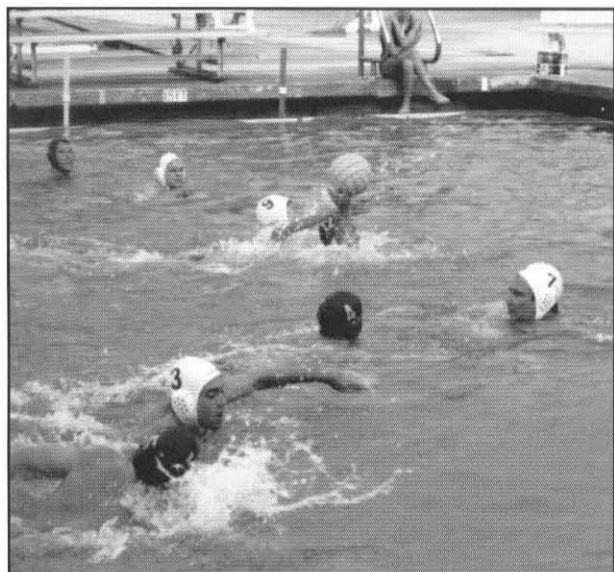
1 win, 14 losses



Water Polo Team:

Back (l-r): Assistant Coach Mike Green, Tom Daula, Eric Sagen, Eagle Jones, Matt Higbie, Francisco Valles, Ben Solecki, Mike Grebeck, Carl Anhalt, Head Coach Clinton Dodd.

Front (l-r): Sarah Mahoney, Kristen Cook, Emma Huang, Heather Dean, Brian Collins, Koen Verbrugghe.



The Bottom Line

6 Alumni	10
11 Biola	9
6 Occidental	12
6 Chapman	15
7 Biola	12
6 Claremont	16
6 Redlands	16
6 LaVerne	23

6 Occidental	16
7 Whittier	19
3 Pomona-Pitzer	12
7 Chapman	11
12 Pomona-Pitzer	16
4 Occidental	15
8 Whittier	18





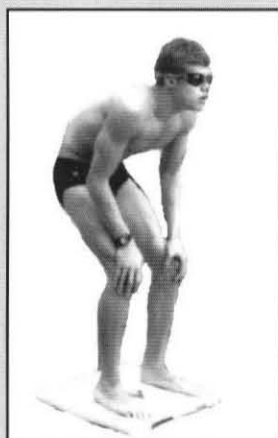
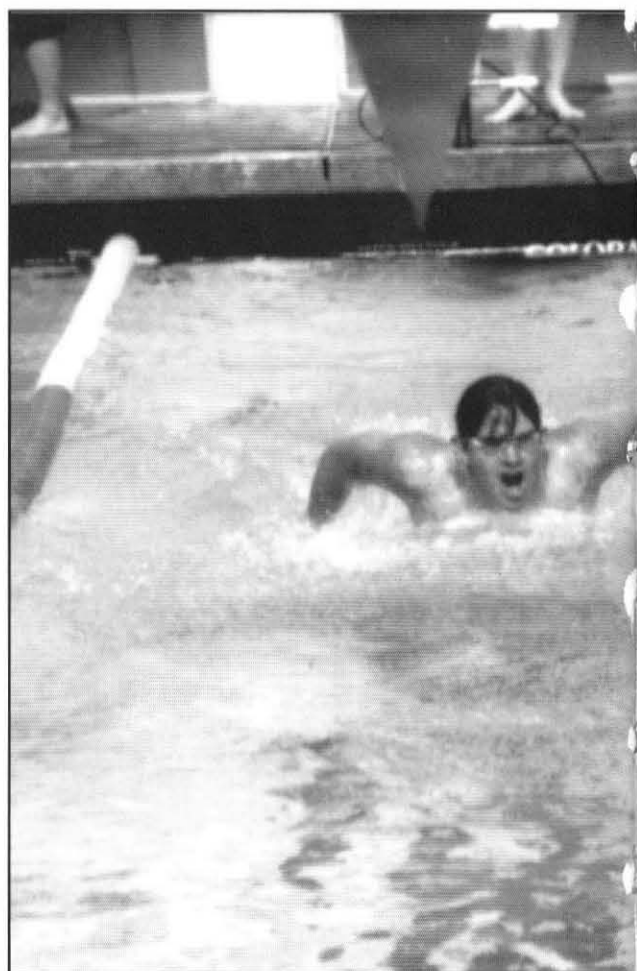
Swim team:

Board (l-r): Tory Sturgeon, Kristen Cook, Jeanette Hagen, Emma Huang, Lisa Hung, Mandy Booth, Linda Soo, Sarah Mahoney, Katherina Kohler, Hanna Kim, Rachel Steinberger, Phyllis Chen, Paula Whitten.

Ladder: Mike Fisher

Front (l-r): Eagle Jones, Assistant Coach Nikki Takarabe, Scott Driggs, Matt Higbie, Agedi Boto, Ben Solecki, Tom Daula, Aaron Hicks, Head Coach Clinton Dodd.

Not pictured: Adam Burgasser, Eric Segan, Chris Hirata, Robert Osada, Joanne Jang, Koen Verbrugghe.



Men:

140	Chapman	60
101	Whittier	102
119	Chapman	73
96	Biola	64
131	Occidental	33
54	Pomona	180
93	LaVerne	104
98	San Francisco	128
60	Claremont	138
56	Redlands	184
116	Whittier	86
114	LaVerne	94

Women:

152	Chapman	69
116	Whittier	86
132	Chapman	55
97	Biola	137
65	Occidental	166
36	Pomona	221
62	LaVerne	182
104	San Francisco	124
29	Claremont	138
41	Redlands	184
121	Whittier	86
75	LaVerne	94

Splish, splash!

Swim teams set 11 new records

The largest Women's swimming and diving team in Caltech history enjoyed a 4-8 record and set eight school records. High point swimmer was freshman Kristen Cook who broke three individual records and joined up with fellow freshmen Emma Huang, Sarah Mahoney, Linda Soo, and senior captain Phyllis Chen to break all five school relay records. The team's diving duo (seniors Rachel Steinberger and Joanne Jang) will graduate, as will Chen, but the core of the team will return.

The Men's swimming and diving team walks away from the 1998 campaign with a 6-6 record and a strong showing at the SCIAC Championship. Mike Fisher took

2nd place in both the 3m and 1m events (1st team), Robert Osada took 3rd place in the 1m event (1st team) and 4th place in the 3m event (2nd team), and Eagle Jones took 4th place in the 3m and 1650 free events (2nd team).

Standout divers Mike Fisher and Robert Osada will graduate, taking with them medalist finishes, and the team will also lose the leadership of captain Koen Verbrugghe. The Most Valuable Swimmer, Eagle Jones (So.) had a memorable season, breaking all three school distance records. Expecting an influx of talented freshman, the men's team looks at next year in a rebuilding light. But if key members step up, then the season could turn into a Cinderella story.

The Best

Campbell Trophy:
Eagle Jones

Outstanding Frosh:
Eric Segan

Tough as Nails:
Chris Hirata

Most Improved:
Robert Osada

Martha Wayne Trophy:
Phyllis Chen

Most Improved:
Kristen Cook

Outstanding Frosh:
Kristen Cook

The Bottom Line

Men: 6 wins, 6 losses
Women: 4 wins, 8 losses



The Best



**Varsity Team
Captains, Leigh
Engen and
Jennifer Fong**



**Most Improved
Player, Varsity:
Sophia Xiang**



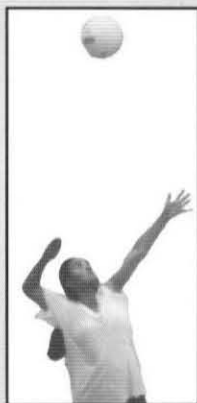
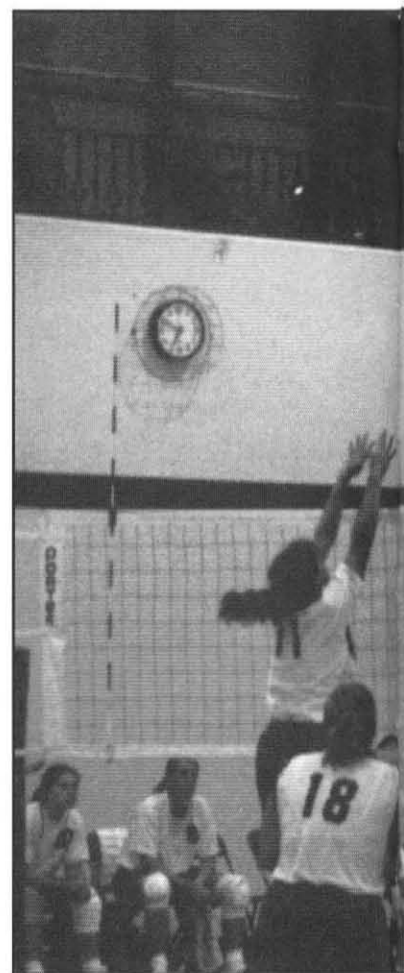
**Most
Inspirational
Players, Varsity:
Jennifer Fong &
Karen Lam**

Served with flair

Women's Volleyball has strong season

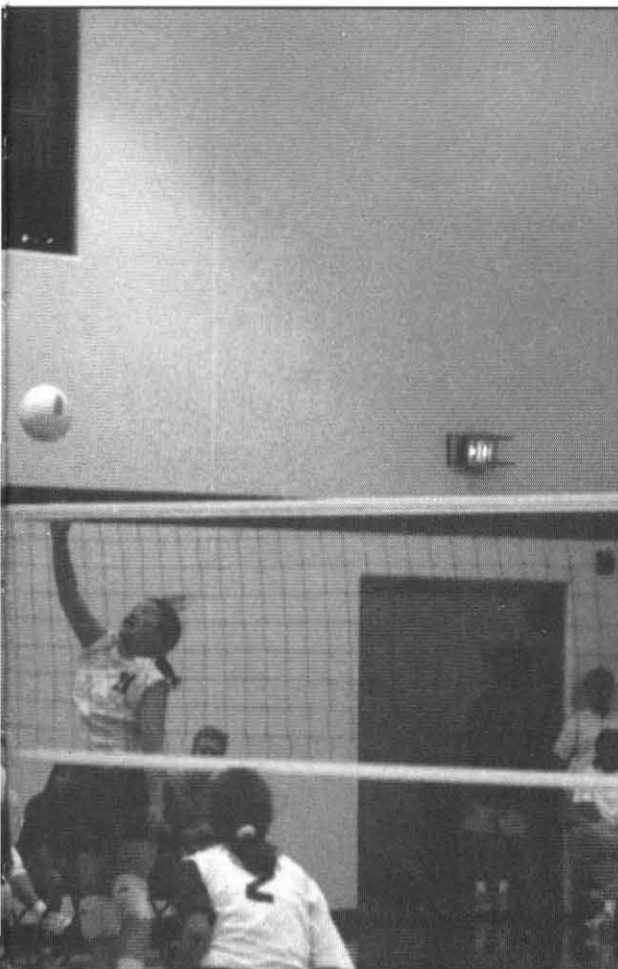
The Caltech Women's Varsity Volleyball Team, led by co-captains Leigh Engen and Jennifer Fong, had a surprisingly strong season in terms of number of individual records set despite being in a "rebuilding" year and lacking an obvious choice for setter. Based on the team's performance last season, we added a number of new, tougher, teams to our schedule, but we were still rewarded with two regular-season wins against long-time rivals LIFE Bible. Head Coach Maureen Burl, aided by Assistant Coach Mike Burl, made the most of her last season with the team by helping to develop a promising crop of freshman in addition to the returning varsity players. Most Valuable

Player Dominika Rytwinka led the team in stats with 132 kills and a .203 kill efficiency (both school records), 207 digs and 45 aces serves. Co-captain Fong, also one of two Most Inspirational Players, had 165 assists, 137 service points and a 96.6% serve efficiency (another school record), and freshman Karen Lam dominated with 26 blocks. The Most Improved Player, Sophia Xiang had an impressive 55 digs and 41 service points in her first Varsity season. Seniors Hanna Cai and Corinne Gilliam helped round out a very promising squad. With 5 returning starters, the Women's Volleyball team looks forward to a very exciting year next year.

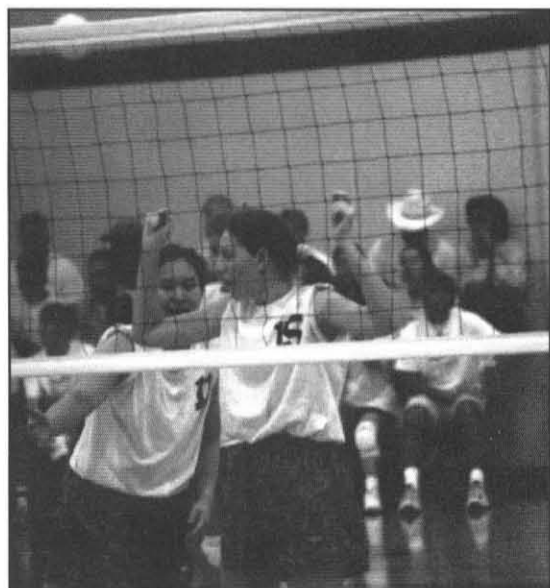


The Bottom Line

4 wins, 16 losses



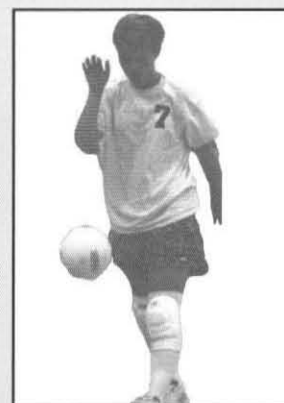
Varsity Volleyball: (Front Row): Leigh Engen & Jen Fong. (Row 2): Assistant Coach Mike Burl, Karen Lam, Emma K, Barbara Kraatz, Celeste Yang, and Coach Maureen Burl. (Row 3): Hanna Cai, Sophia Xiang, Lusine Danakian, Corinne Gilliam, and Dominika Rytwyska.

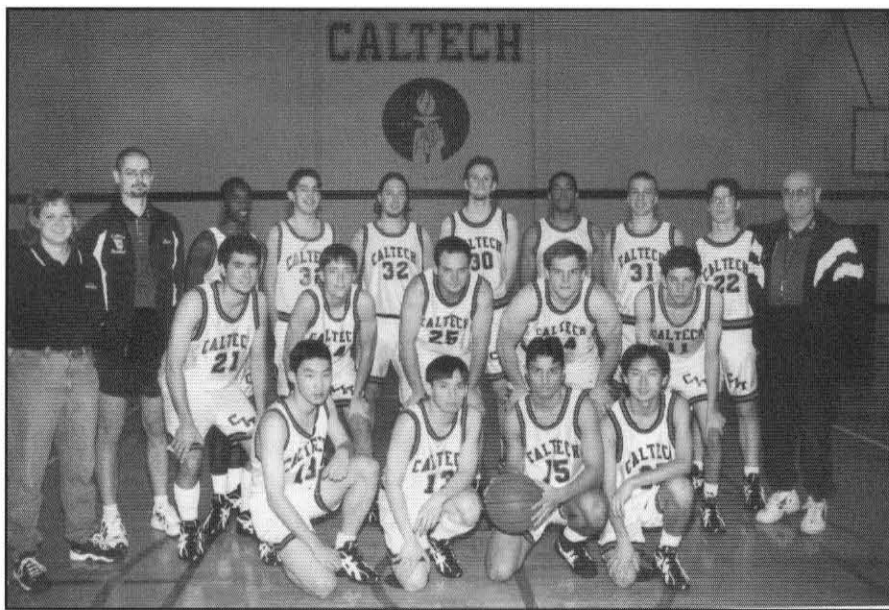


JV Volleyball: (Front Row): J. Kim, E. Chiang & R. Chen. (Row 2): Coach Joel Jones, D. Vukajlovich, M. Fox, I. Cotoros, G. Buccolo. (Row 3): A. Shum, L. Hung, Y. Winn, H. Li, S. Hsieh, L. VanHoozer, and Coach Suzanne Masohr.

3 Southwestern	0
0 Menlo	3
3 American Indian	0
0 LIFE Bible	3
0 Hope International	3
0 Redlands	3
1 LACC	3
1 Occidental	3
0 Whittier	3
0 USC Club	3

3 LIFE Bible	1
1 LIFE Bible	1
0 Hope International	2
0 USC Club	2
0 USC Club	2
1 LIFE Bible	2
1 USC Club	3
2 Alumni	3
0 University of the South	3
3 LIFE Bible	1



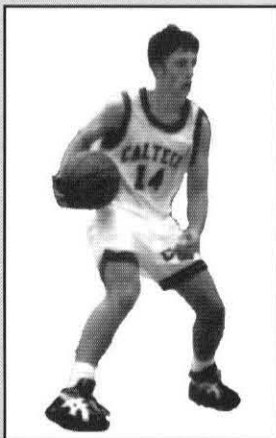
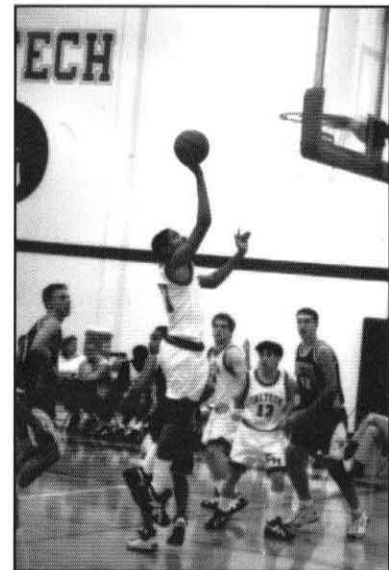


Men's Basketball:

Back (l-r): Head Athletic trainer April Reed, Assistant Coach Marcel Gavrilu, Danson Njorge, Aaron Davies, Mike Kuhlen, John Estes, Jay Henderson, Chris Arnesen, Bruce Johnston, Head Coach Gene Victor.

Middle (l-r): Jason McGibbon, Matt Musick, Matt Johnson, John Niccolai, Fernand Campos.

Front (l-r): Brian Wang, Joseph Soriaga, Rajat Kongovi, Albert Nguyen.



40 Cooper Union	58	29 Whittier	60
44 LIFE Bible	51	37 LaVerne	65
29 Chapman	78	20 Pomona Pitzer	64
24 Redlands	99	36 Redlands	82
27 Chapman	84	33 Occidental	76
46 CalChristian	53	20 CMS	66
47 LIFE Bible	42	32 CalLutheran	87
29 Southwestern(AZ)	63	30 Whittier	77
59 American Indian	38	30 LaVerne	62
26 Occidental	76	40 Pomona Pitzer	69
18 CMS	68	40 Redlands	76
28 Cal Lutheran	51		



On the rebound

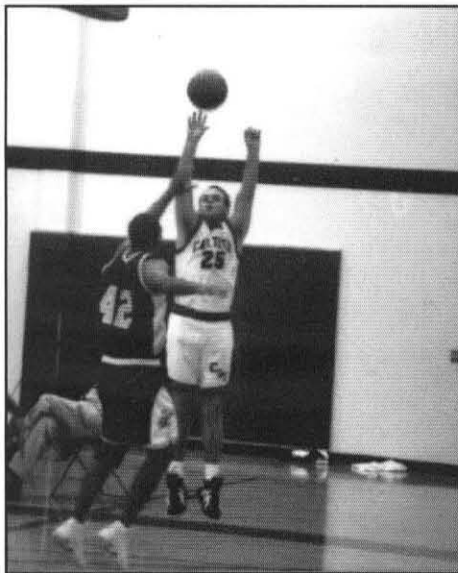
Team hopes for better year

The Men's basketballers, will return lettermen Chris Arnesen (So.), Jay Henderson (Jr.), Mike Kuhlen (Jr.), and Matt Musick (Jr.). The Beavers suffered from lack of an inside game this year, but freshman John Estes (6'7") has been hitting the weights during the off-season, and Peter Plavchan (Jr., 6'8") will also cover the center spot on the hardwood next year.

Arnesen and Henderson will play exclusively as forwards

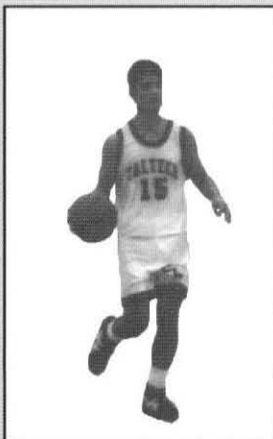
along with Kuhlen, while this year's Most Valuable Player Musick (with a 71% Foul shooting record) will join sophomore Francis MacDonald at guard.

Freshmen Jason McGibbon, Alejandro Erives, Danson Njoroge, Albert Nguyen, Bruce Johnston, Aaron Davies, and Brian Wang will support the starting five. Coach Gene Victor hopes to win several SCIAC games with next year's squad, and build a successful legacy for future teams.



The Bottom Line

2 wins, 21 losses



The Best

Foul Shooting:
Matt Musick
71%

Rebounding:
Jay Henderson

Most Assists:
Rajat Kongovi

Best Defensive Player:
Mike Kuhlen

Most Improved Player:
Joe Soriaga

Freshman of the Year:
John Estes

Senior Award:
John Niccolai

Vesper Trophy and MVP:
Matt Musick

The Best

**Most
Valuable
Player:
Erika
Swanson**

**Most
Improved
Player:
Dominika
Rytwinska**

**Best
Defensive
Player:
Sueanne
Lee**

**Coach's
Award:
Joanna
Dodd**

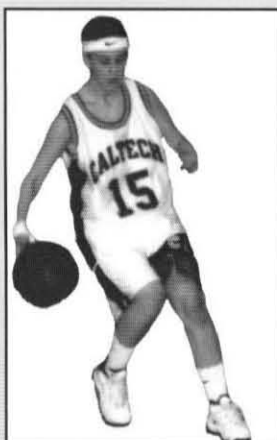
Reaching further

Lady Beavers break records this year.

The Caltech Women's Basketball team finished up their season strong with a win against Life Bible College. The team finished with a 3-14 record, under the guidance of John Harding, in his second year coaching the team, and first year assistant coach Randy Moe. Over half of the team was new, including Laurie Gagne (Fr), Sarah Hunyadi (Fr), Dominika Rytwinska (So), Kim Vu (Jr), and Carolyn Chan (Sr). The returning players included Samantha Bench (So), Sueanne Lee (Jr), Erika Swanson (Jr) and Joanna Dodd (Sr). With many new players, team play improved greatly throughout the sea-

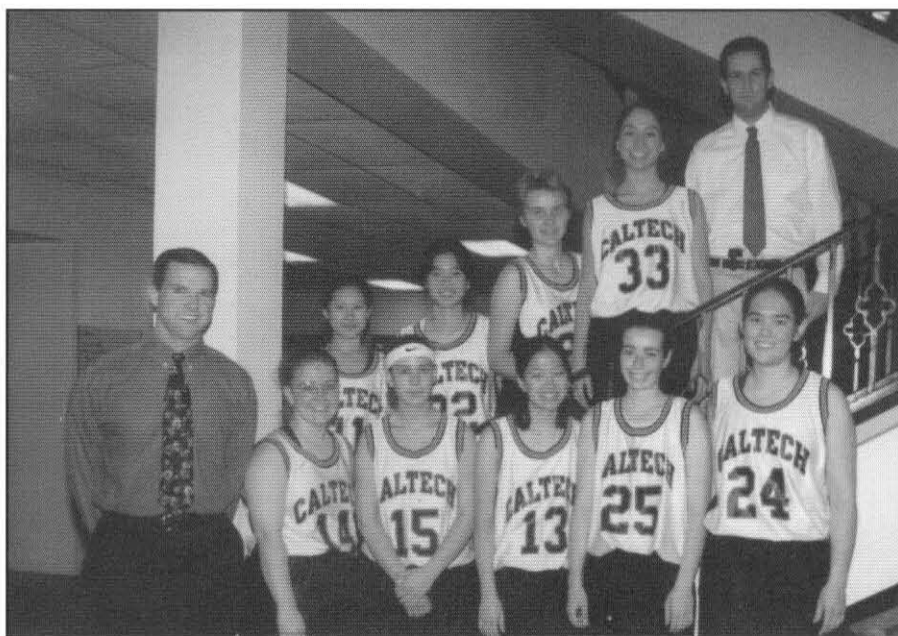
son. The Lady Beavers played some tough games, including an inspiring victory against CMS JV. Caltech was down by over twenty points in the second half, and managed to pull out a victory after hitting some key shots and playing tough defense.

This season was record-breaking. The Lady Beavers set a record in points scored in a game with 65 against American Indian. Individual records were also set for points in a season (Erika scored 227) and rebounds in a season (Joanna grabbed 160). Hopefully, with most of the players returning, the team will improve even more next year.



The Bottom Line

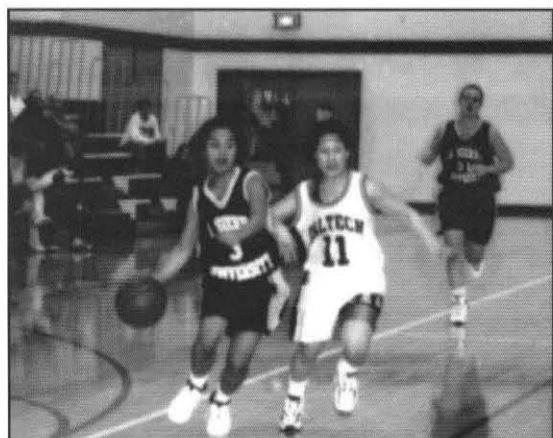
3 wins, 14 losses



Women's Basketball:

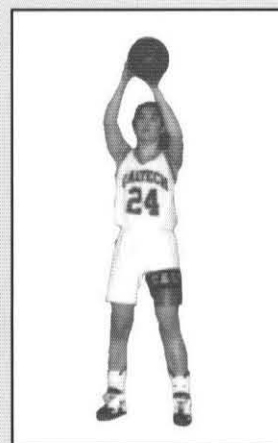
Back (l-r): Head Coach John Harding, Kim Vu, Carolyn Chan, Dominika Rytwinska, Erika Swanson, Assistant Coach Randolph Moe.

Front (l-r): Samantha Bench, Sarah Hunyadi, Sueanne Lee, Laurie Gagne, Joanna Dodd



25 Menlo Park	104
38 LIFE Bible	54
43 LIFE Bible	53
42 CMS JV	47
39 Hope International	81
65 American Indian	42
20 CalLutheran	80
43 LaSierra	65
32 Occidental	82

39 Whittier	88
48 CMS JV	46
16 Pomona Pitzer	74
31 Redlands	64
43 LaVerne	68
19 CMS	79
36 LaSierra	69
53 LIFE Bible	42



Tennis

Men's team plays well

The Men's Team had a great year, finishing a close fifth in SCIAC finals. They will return 10 of 11 players including hard-hitters (#1) Matt Musick, (#2) Eric Sherer, (#3) Jason Wong, (#5) Chris Leapley and (#6) Gerald Palmrose. Coach Wade Gilliam will return for his fourth season that could find the Beavers in fourth place in the SCIAC Conference, behind national powers Redlands, CMS, and Pomona Pitzer.



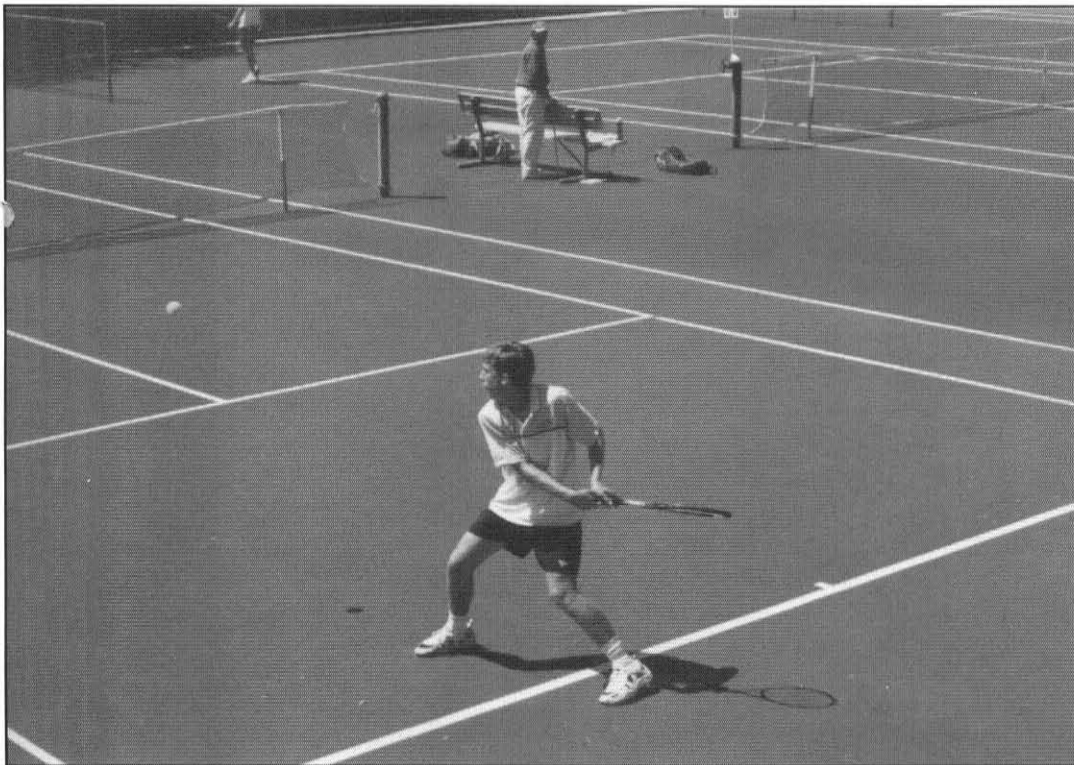
Men's Tennis:

Back (l-r): Head Coach Wade Gilliam, Matt Musick, Jeff Custer, Patrick Mullen, Gerald Palmrose, Eric Scherer, Jason Hong, James Lamanna.

Front (l-r): Tony Guerrera, Harry Kao, Doug Baker, Yuki Takahashi, Chris Leapley, Ricky Schmidt.

0 CMS	7
3 Cal Lutheran	4
0 Whittier	7
1 Occidental	6
0 Redlands	7
5 PCC	2
5 LaVerne	2
1 Pomona Pitzer	6
2 LaVerne	5

1 University of Rochester	6
3 Colorado College	4
0 Seattle University	7
7 Whittier	0
3 Occidental	4
2 Chapma	5
4 LaVerne	3
4 Cal Lutheran	3



The Bottom Line

4 wins, 13 losses

The Best

**Co-Most
Valuable
Player:
Matt
Musick**

**Co-Most
Valuable
Player:
Eric Sherer**

**Outstanding
Contribution
to Caltech
Tennis
Award:
Jeff Custer**

The Best

**Most
Valuable
Player:
Amy Chang-
Chien**

**Most
Inspirational
Player:
Caroline
Lim**

**Most
Improved
Player:
Iljie Kim**

**1999 Team
Captain:
Amy Chang-
Chien**

**1999 Team
Mentors:
Audrey Lee
and Amy
Chang-Chien**

Played with grace

Best tennis season in Caltech history.

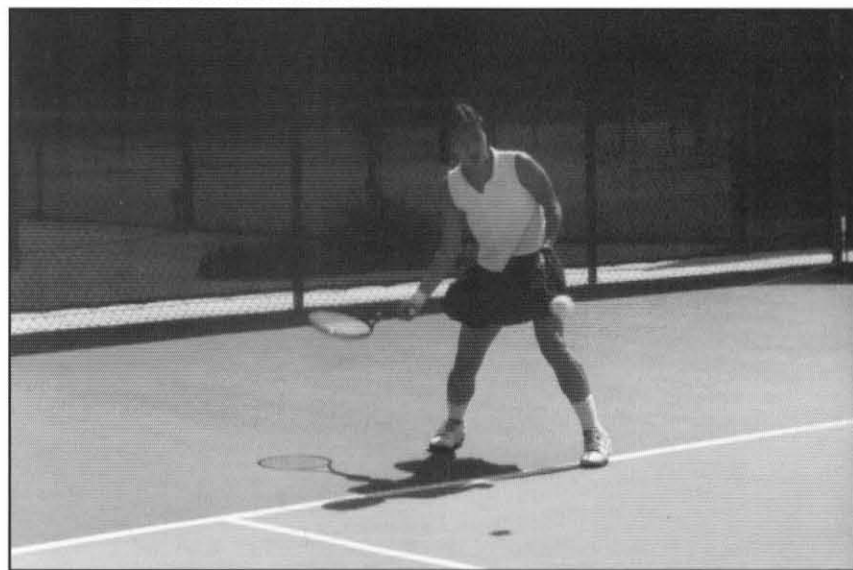
It was quite a year for Caltech women's tennis. We played a full season with a small number of players, a fairly young team, and had a handful of close matches. Caltech played five 5-4 matches and was on the winning side of four of those.

The Beaver squad entered the SCIAC tournament in 5th place with wins over Whittier (5-4), Oxy (6-3), and LaVerne (8-1). Caltech faced #4 Cal Lutheran in the first round of the SCIAC Tournament, a team the Beavers lost to twice 2-7 during the dual match season. The key for Caltech was doubles play, and during this third and final match against the Regals, Caltech was able to pull out 2 out of the 3 doubles matches.

Tech went on to defeat Cal Lutheran 5-2, putting the beavers on the main side of the draw with teams playing off for the #1-4 spot. Caltech battled #1 CMS and #3 redlands in the next two rounds, finishing the tournament in 4th place, the best SCIAC tournament finish in Caltech women's history.

Sophomore Caroline Lim, frosh Nalini Colaco and senior Amy Chang-Chien finished the season with the top singles records at 8-11, 8-12, and 7-13 at the #5/#6, #1 and #3 positions, respectively. Chang-Chien was also recognized as an Intercollegiate Tennis Association Scholar-Athlete (for the second year in a row) and as Caltech's female SCIAC Scholar-Athlete.

*Right:
Audrey Lee
hitting a
forehand
groundstroke.*



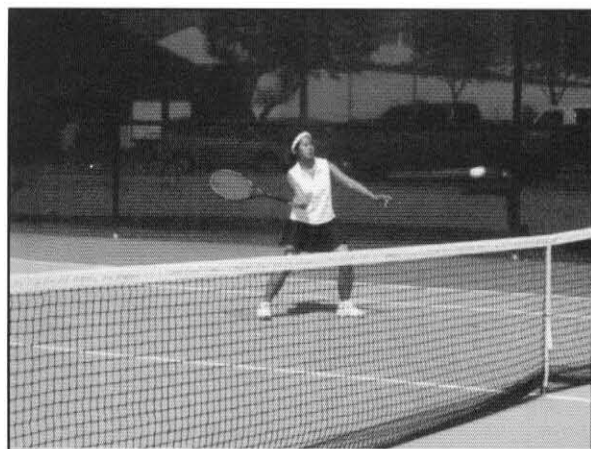
The Bottom Line

8 wins, 13 losses



Above: Amy Chang-Chien hitting a groundstroke at CMS.

Below: Nita Losoponkul hitting a forehand volley.



Women's Tennis Team:

back row (l-r): Coach Karen Nelson, Nalini Colaco, Jennifer Tung, Dominika Rytwinska.

front row (l-r): Nita Losoponkul, Amy Chang-Chien, Audrey Lee, Caroline Lim.

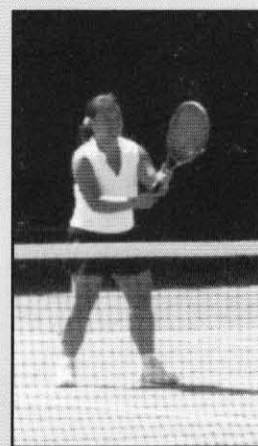
not pictured: Iljie Kim.

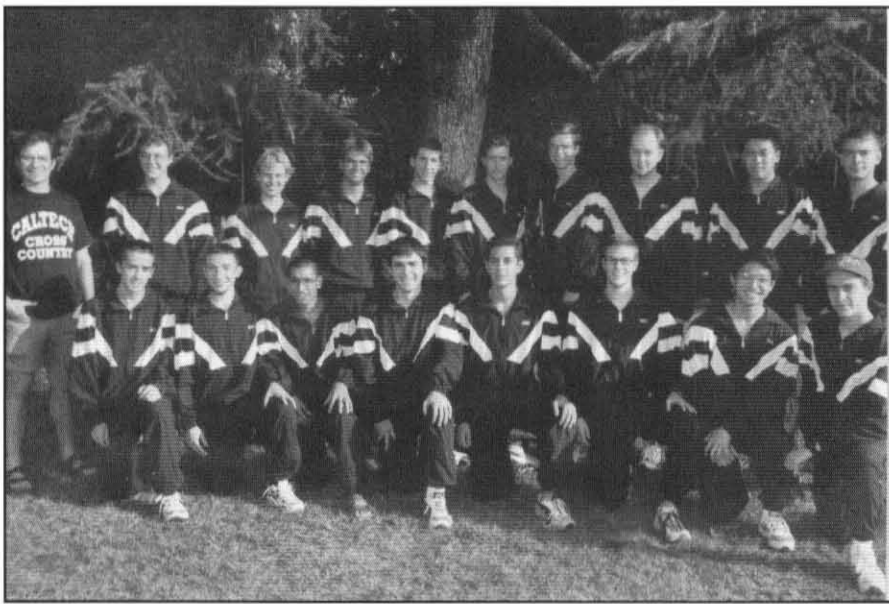


5 Whittier	4
3 Occidental	6
2 Cal Lutheran	7
0 CMS	9
2 Marymount College	7
0 Redlands	9
4 Chapman	5
5 CSU Domingo Hills	4
5 Whittier	4
0 Pomona-Pitzer	9

5 Colorado College	4
0 Skidmore College	9
3 Mesa College	6
9 Scottsdale College	0
2 Cal Lutheran	7
6 Occidental	3
5 Cal Lutheran	4
0 CMS	9
0 Redlands	9
1 Biola University	8

Caroline Lim (left) and Iljie Kim (right) preparing to return a serve at Scottsdale Community College, Arizona.





Men's Cross Country:

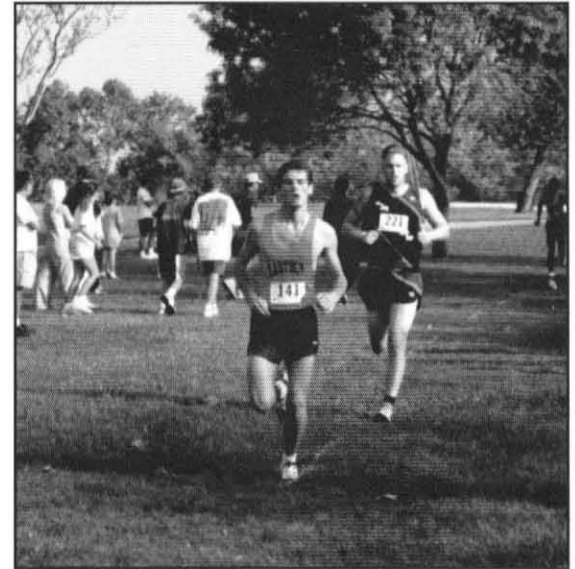
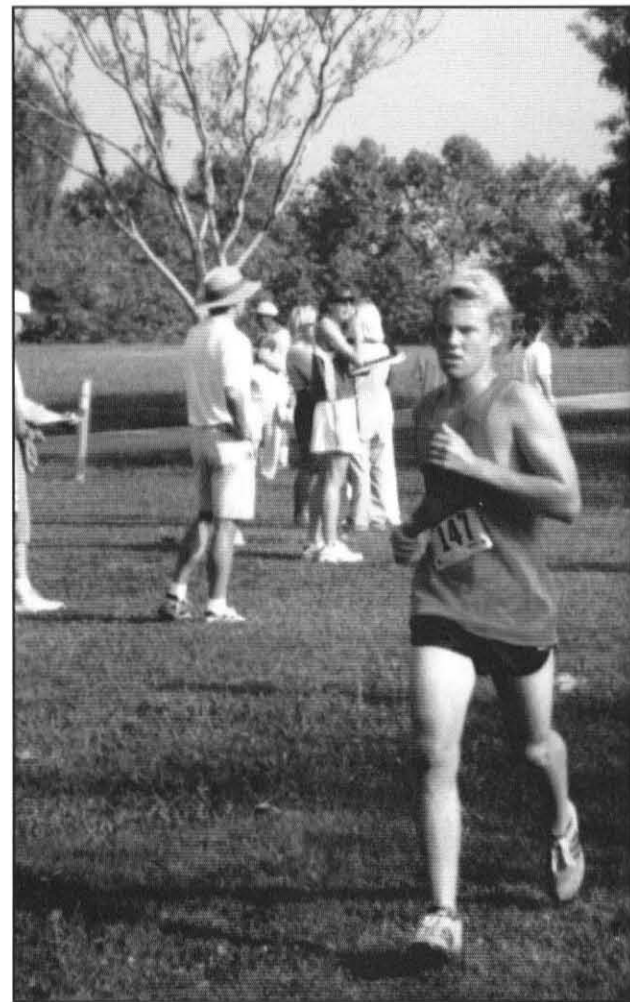
Back (l-r): Head Coach Jasper Simon, Zach Medin, Troy Lee, Andy Tretten, Eric Sherer, Tom Collier, Tim Raub, David DeVault, Lu Gan, Conrad Ziesler.

Front (l-r): Adrian Seymour, Tony Guerrero, Arjun Mendiratta, Michael de Salvo, Cesar Gonzalez, Ian Shapiro, Kenny Higa, Michael Boeddiker.



Women's Cross Country:

Caroline Gibbs, Paula Whitten, Phyllis Chen, Head Coach Jasper Simon, Mandy Booth, Amy Kelly, Sarah Cooke, Aimee Pierce.



The Bottom Line

Women:

Westmont College Invitational:	6th/6
UC Riverside Invitational:	21st/21
Biola Invitational	13th/14
SCIAC MultiDuals	7th/8
SCIAC Championships	7th/8
Team time: 2:01:02	X time 24:12.4
Regional Championships:	18th/18
Team time: 2:07:23.00	X time 25:28.6

Cross Country



New coach Jasper "Simple" Simon motivated both the men's and women's teams to their most successful finishes in years and sees a bright future for his harriers. The men were led by juniors Adrian "Tupac" Seymour (27:19, 11th place SCIAC) and Arjun "Shooter" Mendiratta (28:02, 17th place SCIAC) and senior Conrad "Goose" Ziesler (28:44, 28th place SCIAC). Junior Ian "Ian" Shapiro nursed an injury all season long but could return as one of the elite Division III racers next autumn. Freshmen Tim "Viper" Raub (29:05) and Tony "Mojo" Guerrero (31:15) set PR's in the first race of the season, but unfortunately Guerrero injured his knee and Raub never ran that fast again. Freshman "Kip" Kenny Higa (31:39) was a consistent fifth scorer, pushed to the line every race by senior Tom "Pepe" Collier (32:24).

Freshmen Zach "Cup-

cake" Medin (34:30), Mike "Hatguy" Boeddiker (38:40), and Cesar Gonzales (37:40); sophomore Michael DeSalvo (37:01); and juniors Lu Gan (37:01) and Troy "Duckie" Lee (38:12) also showed promise.

The lady harriers fielded their largest team in recent memory, and senior Phyllis "Durf" Chen (21:09, 21st place SCIAC) led the team to a seventh-place conference finish. Freshman Amy Kelly (22:22, 36th place SCIAC) will lead the team next year and was first into the chute in the Lady Beaver's 18th-place Western Regional finish. Junior Paula Whitten (23:46), senior Aimee Pierce (25:29), and sophomore Mandi Booth (29:00) followed Chen and Kelly to the finish, and freshmen Tory Sturgeon (25:55), Caroline Gibbs (28:41), and Sarah Cooke (31:56) will be the core of the team that hopes to make an impact on the southern California scene.



Men:

Westmont Invitational	3rd/6
UC Riverside Invitational	7th college division
Biola Invitational	9th
SCIAC MultiDuals	6th/8
SCIAC Championships	6th/8
Team time: 2:28:26.0	X time: 29:41.2
Regional Championships	11th/15
Team time: 2:26:19.0	X time: 29:15.8



The Best

**The
Outstanding
Runner:
Phyllis
Chen**

**Most
Valuable
Runner:
Adrian
Seymour**

**Barthel
Trophy:
Conrad
Ziesler**

The Lineup

Player	Year	AB	AVG	FD
Bradley, K.	Sr.	65	.277	.823
Bernat, D.	Fr.	4	---	.000
Buschman, T.	So.	82	.256	.800
Dawson, M.	Sr.	41	.146	.964
Fricke, G.	Jr.	105	.362	.927
Hasterock, D.	So.	105	.314	.926
Herrera, D.	Fr.	121	.207	.846
Hiller, D.	Jr.	53	.057	.881
Palmer, B.	Fr.	4	---	1.000
Rosenwinkel, A.	Jr.	11	.273	1.000
Ruherglen, C.	Fr.	8	.250	1.000
Shuman, M.	Sr.	68	.338	.885
Simons, A.	Fr.	1	---	.000
Smith, J.	Jr.	79	.190	.978
Stalder, B.	So.	60	.183	.947
Sullivan, M.	Jr.	65	.200	.914
Tardiff, E.	So.	7	---	1.000
Therien, B.	Fr.	0	---	.864
Williams, G.	Sr.	95	.221	.892

Pitcher	IP	ERA
Bradley, K.	85	5.55
Buschman, T.	3	15.00
Fricke, G.	7	6.75
Hasterock, D.	8	15.63
Rosenwinkel, A.	77	9.57
Ruherglen, C.	7	49.09
Tardiff, E.	19	15.12
Therien, B.	64	11.21
Williams, G.	1	0.00

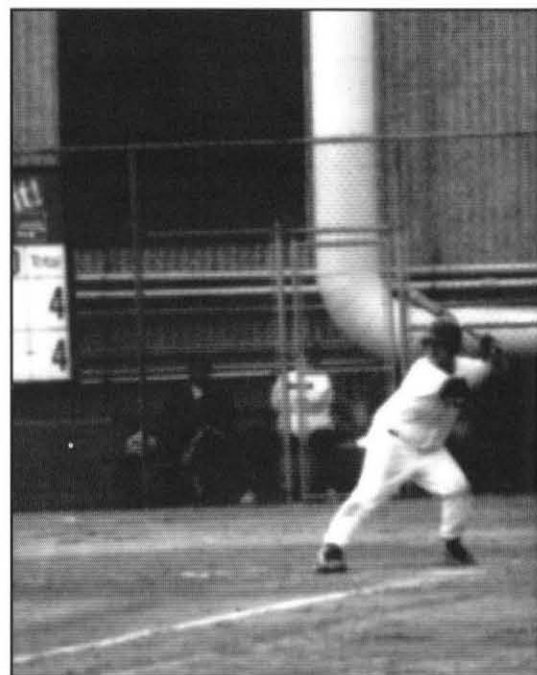
Batter's up!

Beavers hope for better season.

Despite extending their remarkable conference losing streak, the team played competatively in non-conference games, including a double-header sweep of Dodgertown West (ages 40+). The team is returning most starters and a host of future prospects.

Junior Greg Fricke led the conference in triples and will anchor the team at shortstop next season. Brian Stalder (So., 1B), Dave

Hiller (Jr., 2B) and Tim Buschman (So., 3B) will round out the infield while second team All-Conference leftfielder Derek Hasterok will join Matt Sullivan (Jr.) and one of the team's versatile freshmen in chasing down the home runs that other teams will hit. Junior Jeremiah Smith will catch Alan Rosenwinkel, Bill Theiren, and closer Eric Tardiff.



11 Dodgertown West	1
5 Dodgertown West	0
1 Pasadena City College	5
6 Rio Hondo Academy	7
9 Cal Christian	6
6 Cal Christian	2
1 Whittier	11
3 Whittier	20
4 Whittier	18
13 Alumni	1
2 Cal Lutheran	32
1 Cal Lutheran	15
6 Cal Lutheran	16
10 Occidental	19
0 Occidental	8



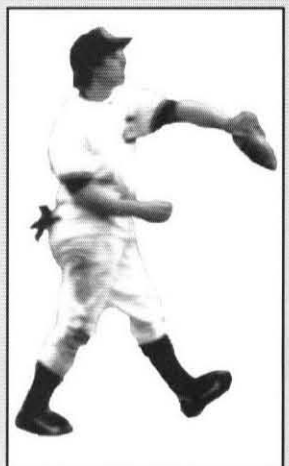
Baseball:
Back (l-r): Chris Ruherghen, Assistant Coach Frank Monzon, David Hiller, Dax Herrera, Bill Therien, Brian Stalder, Miles Shuman, Kevin Bradley, Alan Rosenwinkel, Tim Buschman, Matt Sullivan, Brian Palmer, David Bernat, Head Coach John D'Auria.
Front (l-r): Eric Tardiff, Matt Dawson, Derrick Hasterok, Grant Williams, Jeremiah Smith, Greg Fricke.
Not pictured: Aaron Simons.



1 Occidental	11
6 Moravian	11
3 Simpson	6
3 Claremont	6
4 Claremont	15
2 Claremont	12
0 Pomona-Pitzer	23
4 Pomona-Pitzer	10
0 Pomona-Pitzer	11
0 LaVerne	30
2 LaVerne	16
8 LaVerne	29
15 Redlands	19
4 Redlands	12
1 Redlands	5

The Bottom Line

5 wins, 25 losses

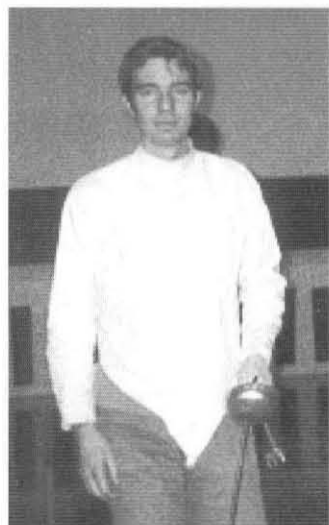


Golf –Swinging with Style



Back (l-r): Mick Lorenzen, Brian Palmer, Benson Muite, Coach Mike Jackson.
Front (l-r): Jason Chua, Anthony Greenman, Amy Peterson, Robbie Metcalf, Dennis Fong.

This was a rebuilding year led by the team's most valuable player, Jason Chua. Team Captain Nick Lorenzen and Co-Captain Steve Wexler were the only team members with previous experience so some very gutsy student's stepped up to compete and learn at the same time. Standouts in this category were Benson Miute, Brian Palmer, Dennis Fong, Nathan Heick and Robbie Metcalf. Though we finished 8th in the conference, this team made great progress and will be much better in the new millenium!



Coming off one of their best seasons ever, the 98-99 Caltech fencing team, led by Coach George Clovis, worked hard this year to maintain the balance that has become its greatest strength. Although the team suffered the loss of several key seniors from last year, including three team captains, everyone pitched in with enthusiasm and panache to help the team grow and persevere. In particular, the men of the sabre team continued their championship-winning ways, with junior Cory Loomis and graduating senior Xavier Fan taking first and second place, respectively, in the Intercollegiate Fencing Conference of the Southern California division of the NCAA.

As foil captain Joe Cook observed: "This season has taught us all a lot of lessons, including how to lose gracefully. With all the experience and energy our freshmen have now, we look forward to the upcoming season, and to learning how to win gracefully!"

Caltech Fencing: Foil, Sabre and Epee

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SOCIETY ✕ CALTECH Y ✕ CLU ✕ CPSA ✕
DIM SUM NIGHT ✕ SWE ✕ HAWAI'I CLUB ✕



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 Sarah Milkovich (Dabney)
 Not pictured: Cate Gifford (Secretary)

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Elizabeth Hong (at large)



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THE CALIFORNIA **TECH**

VOLUME C
SEPTEMBER 1998 - JUNE 1999

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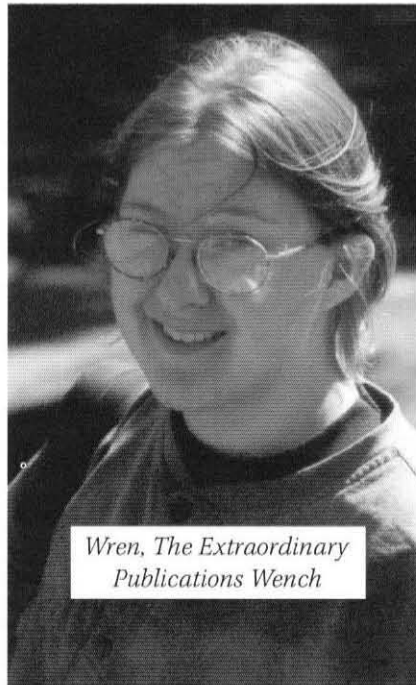
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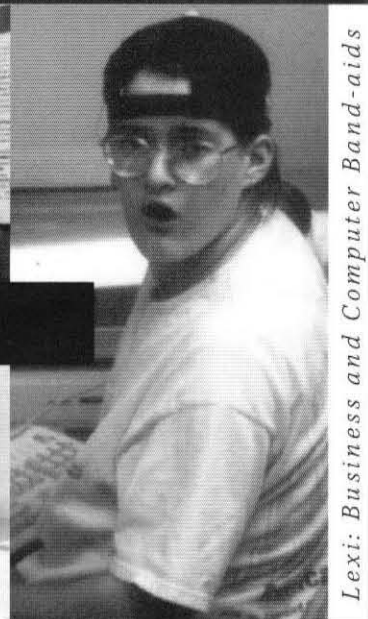
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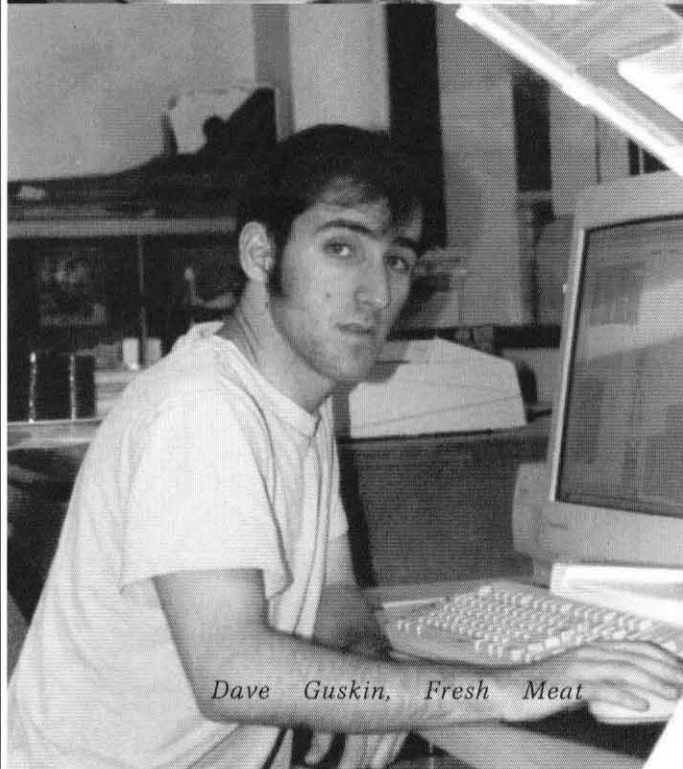


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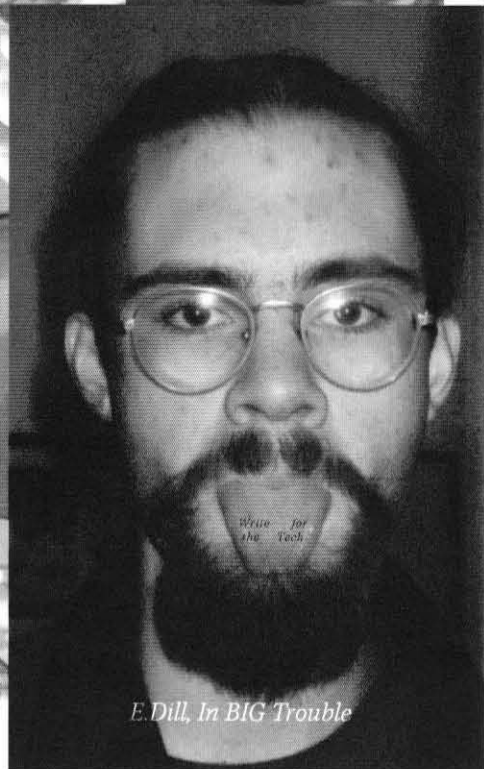


Lexi: Business and Computer Band-aids

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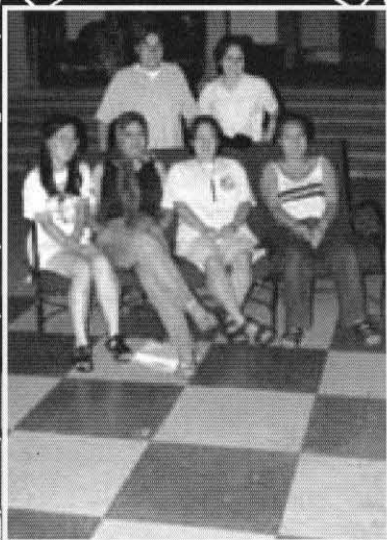


Dave Guskin, Fresh Meat



E. Dill, In BIG Trouble

the totem



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Theater Arts at the California Institute of Technology
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Molière's
The School For Husbands

Translated into English verse by

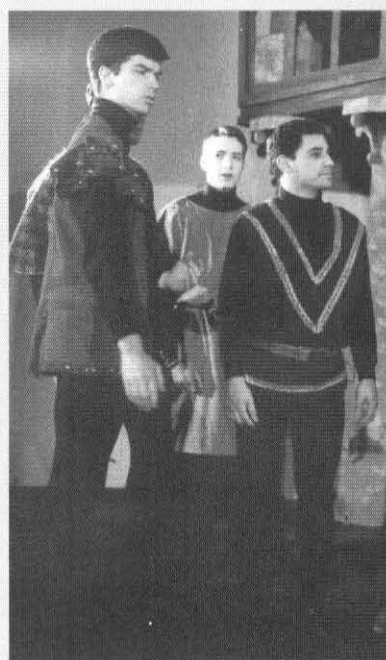
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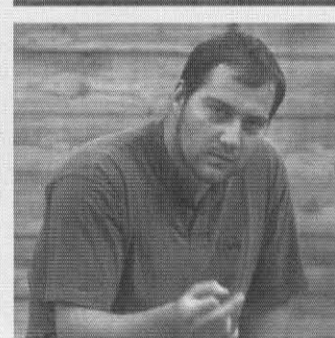
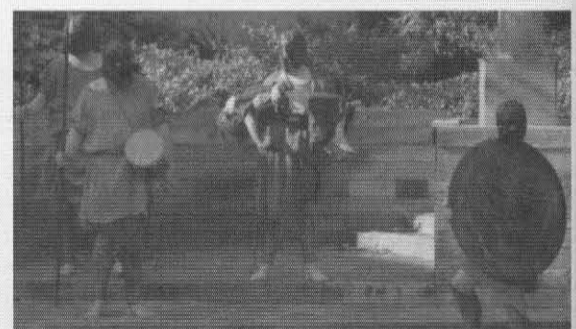
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In Dabney Lounge
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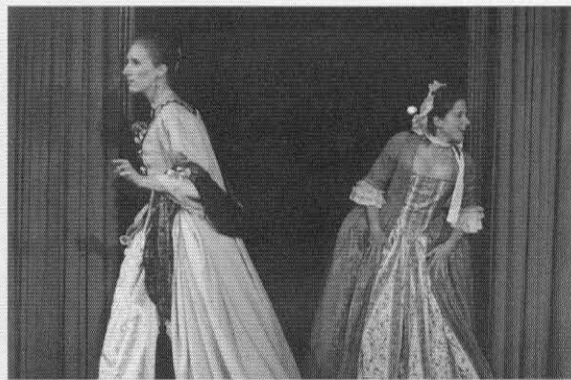
October 30, 31, &
November 6, 7, 13, 14, 1998 at 8:00 p.m.
November 1, 8, & 15 1998 at 2:00 p.m.



TACIT



Theater Arts at the California Institute of Technology


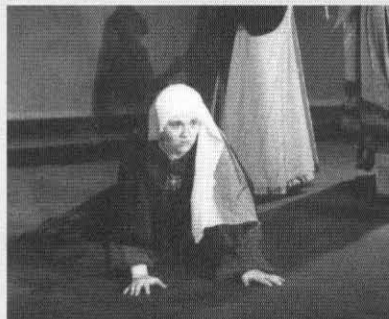


Theater Arts at the California Institute of Technology
presents
William Shakespeare's
Richard III
Directed by Shirley Marneus

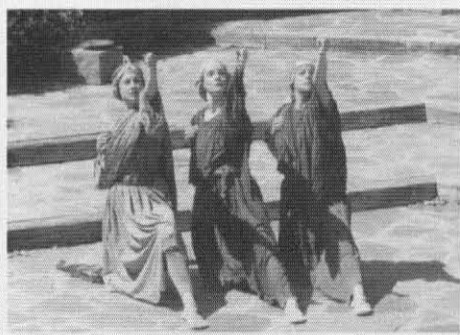
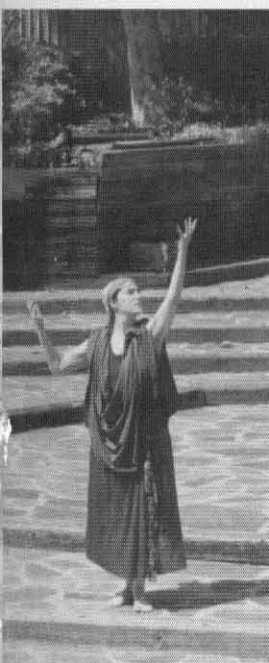
In Ramo Auditorium
on the
Caltech Campus,
Pasadena

Feb. 12, 13, 19,
20, 26, 27, 1999
at 7:30 p.m.

Feb. 14, 21, 28, 1999
at 2:00 p.m.

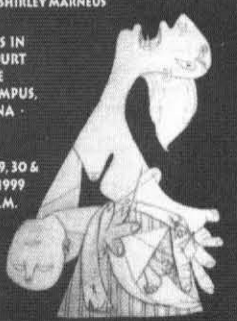
65



THEATER ARTS AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY
PRESENTS
EYPIHIAH
THE TROJAN WOMEN
DIRECTED BY SHIRLEY MARNEUS

OUTDOORS IN
BRAUN COURT
ON THE
CALTECH CAMPUS,
PASADENA

MAY 22, 23, 29, 30 &
JUNE 5, 6, 1999
AT 4:00 P.M.





Danel Song, Sarah Wantoch, Peggy Gabriel, Jay Hubisz.



David Moll, Iljie Kim, Christian Reichardt.



Lisa O'Rourke, Lilach



Above: Christian Thomas, Adam Lawton, Janice Yeung.

Right: Tony Chao, Ryan Merle.



Thea Lu, Jean Wang, Susan Chen.

Cal Chamb

Delores B



Jessica Wu, Elisa Bueno, Regina Cheung.



Kristin Commer, Dan Levy, Jason Cardema, Sean Huang.



Angie Han, Emma Kang.



Nick Knouf, Aaron Kuzin, Jennifer Yang, Kay Jhun, Melissa Todd, Andrew Ling, David Fang, Adrienne Bourque.



Amy Peterson, Molly Swanson, Helen Claudio, Possu Huang.



Anita Gould, Victor Huang



Somberg, Kacie Shelton.

Carolyn Chan, Elizabeth J. Hong, Gabriel Brandt, Samuel Lee.

Ben Backes, Elizabeth Boer, Derek Debe, Cheryl Forest, Gabriel Brandt.

ech er Music

g director.



John Williams, Alice Coppock, Jane Greenham, Wren Montgomery.



Above: Lance Christensen, Ellen Wei, Siina Haapanen.



Left: Nhien Nguyen, Shanti Rao.



Dan Giammar.



Rory McKenna, David Hammond, Emily Wang.



Giao Hang, Aimee Pierce, Aaron Oei.



George Shapovalov.



Dan Rogstad, Heide Li, Todd Murphy, Candace Chang, Arjun Mendiratta, Delores Bing.



Bill Bing, Rachel Steinberger, Aaron Eichelberger, Sarah Milkovich, Scott Carnahan.



The **CALTECH-OCCIDENTAL CONCERT BAND** played some terrific concerts for large audiences. The last concert featured many guest conductors as well as guest soloist Gary Foster. Gary has played woodwinds for Frank Sinatra, Barbra Streisand and many others. Les Deutsch, a Caltech alumnus and band member, wrote a piece that features three trumpets and was performed at the last concert of the year, Bandorama! This year's Bandorama! was a celebration of director Bill Bing's 25th (consecutive) anniversary year at Caltech. There were almost eight hundred people in the audience. A special exhibition of present and former students' accomplishments was located in front of Beckman Auditorium for everyone to enjoy.

Alto Saxophone:
Robin Friedman (So., Chemistry)
Bridget West (Fr., Ay.)

Tenor Saxophone:
Ishnaferitsu (Jr., Physics)
Gabriel Acevedo-Bolton (GS, Aero.)

Baritone Saxophone:
Daniel Murphy (So., Ay.)

Trumpets:
Carl Anhalt (Sr., ME)
Bill Bing (RO., Undeclared)
Lara Hughes (GS, EnvEng)
Zach Medlin (Fr., Ay.)
Daina Paulikas (Fr., Physics)

Trombones:
Judy Donohue (Staff)
Kjerstin Easton (Jr., EE)
Aspen Richter (So., Biochem)
Bobby Swinney (Fr., CS)

Piano:
Clancy Rowley (GS, ME)

Bass:
David Hammond (Sr., Math/Chem)

Drums:
Jason Chua (So., Biochem)

Guitar:
Brian Eng (Fr., Astrophysics)

Vocalist: Lorena Barba (GS, Ay.)



The **THURSDAY JAZZ BAND** continued to play at a very high level throughout the year. Gary Foster (woodwinds) and Wayne Bergeron (trumpet) were soloists with both of the jazz bands. A local composer, John DaVersa, also worked with the group. Les Deutsch, a Caltech alumnus and member of the band, wrote some fun and challenging arrangements. A trip to Disneyland and various Caltech concerts were the focus of this year's concert activities. Kjerstin Easton, Brigitte Roth, and Lorena Barba were the vocalists with both Swing and Thursday Bands.

Flute:
 Mary Davis (Community)
 Emilee Delgridge (Community)
 Les Deutsch (Alumnus)
 Tony Giannetti (GS, Biochem/Physics)
 Heather Jennings (Community)
 Joanne Lazzaro (CT Staff)*
 Sharon Touton (Oxy, Physics)

Piccolo:
 Joanne Lazzaro
 Sharon Touton

Oboe:
 Christian Thomas (So., Physics)
 Arysia Rodriguez (Community)*

English Horn:
 Christian Thomas (So., Physics)

Clarinet:
 Ben Backes (Fr., EE)
 Ken Caulkins (Community)
 Sascha Calkins (Fr., ME)
 Theresa Daniels (Fr., Chemistry)
 Marilyn Darcey (Community)
 Emma Huang (Fr., Math/Physics)

Sean Wakayama (Alumnus)*
 Michael Werner (JPL)
 Gilead Wurman (Fr., Physics)

E Flat Clarinet:
 Connie Josias (Community)

Alto Clarinet:
 Trudi Anderson (Community)

Bass Clarinet:
 Stan Manatt (Alumnus)
 David Moll (Fr., EE/CS)

Contrabass Clarinet:
 Don Gross (Community)

Bassoon:
 John Chodera (Sr., Biology)
 Colleen Connor Papp (Community)*

Contrabassoon:
 John Chodera (Sr., Biology)

* principal player

Alto Saxophone:
 David Barsic (GS, EE)
 Daniel Murphy (So., Ay)*
 Ray Richards (Alumnus)

Tenor Saxophone:
 Sarah Lundeen (Oxy, Math)

Baritone Saxophone:
 Dwight Garcia (Oxy Alumnus)

Horn:
 Gabriel Brandt (GS, Chemistry)*
 Elizabeth Hong (Fr., Biology)
 Otfried Liepack (JPL)
 Rachel Steinberger (Sr., Biology)

Cornet and Trumpet:
 Carl Anhalt (Sr., ME)
 John Brugman (Community)*
 Seth Miller (So., Math)
 Kudah Mushambi (Jr., ME)
 Niles Pierce (PostDoc, AMa/Biology)
 Richard Till (Community)
 Tom Kirkland (GS, Chemistry)
 Duane Marsteller (Community)

Trombone:
 David Edwards (Oxy, History)
 Sarah Milkovich (Jr., PLSc.)*
 Angela Snow (Fr., EnvEng)

Baritone:
 Jay Breidenthal (JPL)*
 Bobby Swinney (Fr., CS)

Tuba:
 Brad Dooley (GS, Aero)*
 Aaron Eichelberger (GS, Physics)
 Von Wade (Community)

Percussion:
 Scott Babcock (CT Music Staff)
 Jason Chua (So., Biochem)
 Les Deutsch (Alumnus)
 Gary Leskowitz (GS, Chemistry)
 Jacques Frechet (Sr., CS)*
 Jeff Weiss (JPL)

Manager:
 Carl Anhalt (Sr., ME)

Assistant Manager:
 Jason Chua (So., Biochem)

The **CALTECH SWING BAND** had some memorable moments this year. There were quite a few clinicians that came by and coached the group. Near the end of the year, two members of the very popular swing band "Big Bad Voodoo Daddy" came by to work with us at a rehearsal. In addition to the concerts at Caltech, the Swing Band played for a recording session in a great studio near Hollywood and performed at Disneyland with the other Caltech bands.



Alto Saxophone:
 Tom Fleming (Alumnus)
 Faye McNeill (Sr., ChE)

Tenor Saxophone:
 Lou Madsen (GS, Chemistry)
 Jason Holt (GS, ChE)

Baritone Saxophone:
 John Chodera (Sr., Biology)

Trumpets:
 John Brugman (Community)
 Les Deutsch (Alumnus)
 Richard Till (Community)
 Andy Duncan (Community)
 Niles Pierce (PostDoc, AMa/Biology)

Trombones:
 Mike Ichiriu (Alumnus)
 Smith Nielsen (GS, ChE)
 Aaron Eichelberger (GS, Physics)

Bass Trombone:
 Kevin Babcock (So., CS)

Tuba:
 Brad Dooley (GS, Aero.)

Piano:
 Rob Peters (GS, Aero.)

Bass:
 Matt Ashman (Fr., Physics)

Drums and Percussion:
 Marc Kushner (GS, Ay.,)

Vocalist:
 Kjerstin Easton (Jr., EE)



Caltech-Occidental Symphony Orchestra

The Caltech-Occidental Symphony is a college community orchestra consisting of students and staff from Occidental College in Eagle Rock, the California Institute of Technology, the Jet Propulsion Laboratory, and players from their surrounding communities. They present concerts at both Occidental and Caltech. Sololists are pictured to the right: Dan Rogstad (piano), Candance Chang (violin) and Angela Han (flute) with the conductor, Allen Gross.



Members of the orchestra as of second term, 1999:

Violin I:

Candace Chang, concertmaster

Heide Li
Michael Suh
Nicholas Knouf
Melissa Todd
Gloria Huang
Shura Sasaki
Carol Koenig
Jean Viggiano

Bass

Brandon Geffen, principal
Ted Dougherty
Michael Polcino

Flutes & Piccolos

Angela Han
Alex Hartman
Tina Iverson
Meaghan Stein

Trumpets

Richard Till
Cyrus Grout
Nancy Wischhusen
Niles Pierce

Violin II:

Angeliqua Cowart, principal

Dean Dager
Travis Maron
Sarah Henken
George Chung
Steve Chung
Emma Dormand
Geza Rolik

Oboes & English Horn

Julie Calvo
Jeanni Lewis

Trombones

David Edwards
Smith Nielson
Robert Swinney

Clarinets & Bass Clarinet

Adam Gardner
Joanne Wisniewski

Tuba

Brad Dooley

E Flat Clarinet

Conrad Josias

Tympani

Jacques Frechet
Rich Heller

Viola

Jancis Martin, principal
Robert Gutzman
Michael Easterbrook
Natalie Van Dine
Felice Lin

Bass Clarinet

Heather Millette

Percussion

Ben Looz
Bradley Fuster
Scott Arenstein

Cello

Frank Diaz, principal
Ashley Borders
Nick Bertani
Daniel Giammar
Koung-Wan Kang
Diane Petring
Thea Lu

Bassoons & Contrabassoon

Charles Norton
James Andreson
John Chodera

Harp

Maria Casale

Horns

John Petring
Susan Luker
Peter Eisenhardt
Justin Stowens
Gabriel Brandt
Jennifer Adrian-Ponce

Occidental Manager/Librarian

Sarah Henken

Caltech Managers

Angela Han
George Chung
Steve Chung



The Caltech LesBiGay Union

The Caltech Students Pride Association (CSPA) is a new club this year that arose out of a need on campus for a GLB (gay, lesbian, and bisexual) social group specifically aimed at and run by undergraduates. We plan to have monthly social get-togethers (movie nights, trips to the museum, hikes, and much more), to promote GLB awareness, and to take on issues that affect the undergraduate GLB community at Caltech. In June, we co-sponsored Pridefest '99 on the Olive Walk.

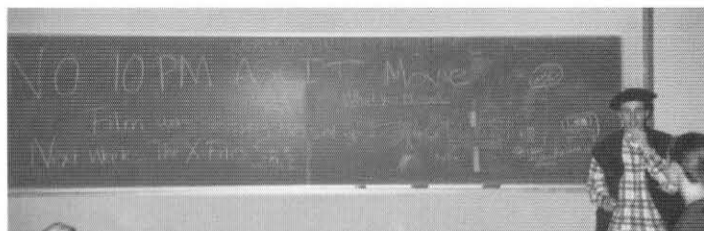
The Caltech LesBiGay Union (CLU) is an organization of gay, lesbian, bisexual (and straight!) faculty, staff, students and alumni of Caltech. CLU is primarily a social group, organizing activities for the Caltech GLB community, and raising awareness of GLB issues. In addition to social events, a discussion group meets twice a month in the Caltech Health Center.

The ASCIT Movies

THERE ARE TIMES WHEN A SMALL GROUP OF MEN AND WOMEN, PERHAPS AN UNRECOGNIZED INSTITUTION, CAN **CHANGE THE WORLD**.

Occasionally, the ASCIT Movies will show films about such people. However, we do have our own struggles: films turn to vinegar, projectors catch on fire, and arc lamps decide to die completely. Just because we're eating Twix while we overcome our epic battles shouldn't diminish them.

ONLY GURNEY HALLECK CAN DO THAT.





Ecphonema is: Chris Miller
Evan Dorn
Scott Van Essen
Joe Cook
Dule Misevic
Paul Vigil
Mark Barton
Bret Naylor





Treblemakers is:

Hanna Kim
Kathryn Todd
Lara Hughes
Lisa Gaskell
Megan Andrews
Carolyn Patterson
Rachel Steinberger
Rachel Wing
Rani Jayakumar
Theresa Lynn



Gotta sing!

With 3 active a cappella groups on campus, Caltech has not wanted for musical entertainment. Performing at Decompression, Noon Concerts, and their own concerts, Out of Context, Treblemakers and Ecphonema have treated Caltech audiences to songs such as: "Basketcase," "Since You've Been Gone," and "Barbie Girl." They have hosted groups from around the region: the USC Hangovers, the SoCal Vocals, and the Pomona Blue & White at the second annual concert "Love Sucks" at Caltech. Ecphonema even went on tour to the East Coast for spring break. Next year is expected to feature more songs, more singers and more fun for all.



Out of Context is:

Cheryl Forest
Christopher Kurtz
Derek Shannon
Erik Streed
Kristine Nielson
Nate Austin
Julian Lee
Helen Hosein
Rachel Dexter
Florian Merkle



Men's Glee Club

1998-1999

Tenors:
Dimitri Antsos
Adam Hayes
Michael Hartl
Dusan Misevic
Dan Rascoe
Matt Tiscareno
Scott Van Essen



Basses:
Mark Barton
Richard Bowman
Josh DenHartog
Xavier Fan
Freddy Hansen
Jim Harrington
Anthony Ho
Ryan Merle
Christopher Miller
Kudah Mushambi
Joseph Schaeffer
Thomas Snyder
Nathan Stein
Gilead Wurman

Chamber Singers



Rachel Dexter
Jane Greenham
Daina Paulikas
Kathryn Oseen-Senda
Theresa Lynn
Eleanor Park
Katharine Noyes
Tanya Tickel
Jason Chua
Adam Hayes
Scott Van Essen
Chuck Hsiao
Travis Waddington
Xavier Fan
Anthony Ho
Christopher Miller
Kudah Mushambi

Directed by Don Caldwell, and accompanied by Wendy Caldwell, the Men's Glee Club and Chamber Singers add to the many musical groups performing on campus. Their repertoire ranges from classical Christmas fare sung by the large Men's Glee, to selections from popular musicals performed in the spring by the 16 member Chamber Singers.

Women's Glee Club

1998-1999



*feline, sly and supple,
but still stoking the fire:*
Ellie Park and Ariane Helou



The Women's Glee Club had a spectacular 27th year, filled with a diverse and challenging repertoire; including *Caritas Abundat* (Hildegard), *Hine Ma Tov* (Naplan), *I Just Lightning* (Larsen), *Salut Printemps* (Debussy), and *The Theory of Art* (Newman) – all skillfully directed by Monica Hubbard. Third term we were guest directed by Nina Gilbert in the awe-inspiring *Mouth Music* (Keane/Faulkner), the delightful *Las Amarillas* (Hatfield) and other foot-tapping pieces. Noted guest artist G.G. Prosper taught Voice Master Classes highlighting great techniques such as panting, siren-sounding and meowing.

WGC also has a disproportionate fondness for chocolate.

*hot-blooded and haughty -
a mixture of delight and disdain:*
Jenny Ives and Liz Verschell



75

Members of Women's Glee Club

First Soprano:

Deborah Eason,
Ellie Park,
Chalita Thanyakoop,
Devi Thota

Second Soprano:

Samantha Howarth,
Lan Hu,
Jenny Ives,
Carolyn Patternson,
Aimee Pierce,
Connie Rodriguez,
Liz Verschell



...and Tashica Williams says
"Goodbye!"

First Alto:

Meredith Alden, Ming Chen,
Giao Hang, Ariane Helou,
Liz Kelley, Rebecca Jones,
Meghan Smith, Kathryn Todd,
Melinda Turner, Yu Xiao,
Jessica Yohe, Barbara Zenger

Second Alto:

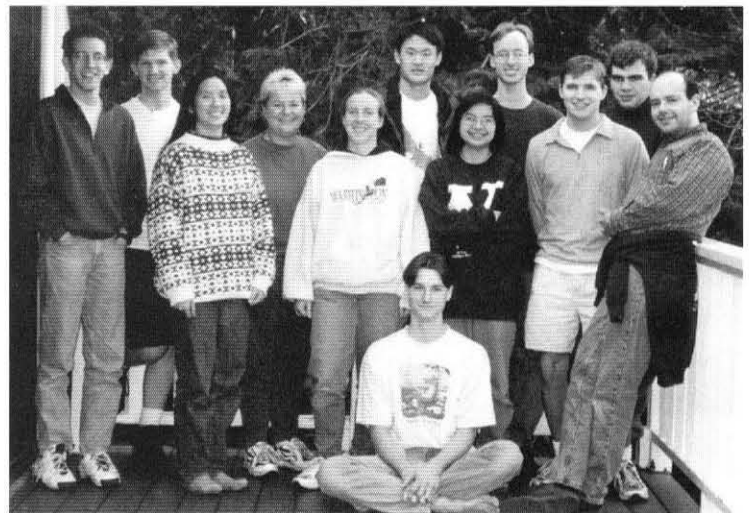
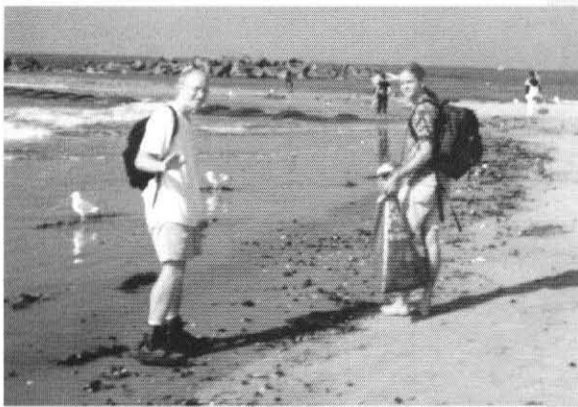
Megan Andrews,
Sarah Heilshorn,
Robin Mayes,
Valerie Scruggs,
Tashica Williams

Caltech Y

So what does the Caltech Y do? You can't tell much by the name. In truth, we do a little bit of everything. We coordinate cultural and ethnic events, outdoor activities, community service projects, social events, and tutoring. In addition, the Y sponsors noon concerts, offers discount tickets to movie theaters and theme parks, and rents out camping and party equipment. We've temporarily relocated to Steele House, but hope you'll be able to find us somewhere more convenient within a few years.

This has been a busy year for the Caltech Y, beginning in the summer with weekly barbecues at Steele and movies at Moore. The Y Hike, our annual backpacking trip, went to the John Muir Wilderness Area, and we returned to the wild throughout the year to maintain trails in the L.A. Area by clearing away brush and other obstructions. Together with CETF, we adopted Venice Beach and organized a number of trips to clean it up. Students participated in ongoing community service projects like Project Angelfood, Union Station and a tutoring program for high school students. One time projects included big events like Christmas in April, where we repaired homes for the elderly, and our Alternative Spring Break trip to Tecolote, Mexico to volunteer at a community center. In the spring, volunteers helped at the Huntington Garden Spring Plant Sales.

During breaks, the Y held stranded student parties where Techers could get food and company. During winter Decompression, we reintroduced the Roomate Game, to the amusement of all involved. On top of all of that, we coordinated Bonecrusher Broomball, an Easter Egg Hunt, and International Day, as well as sponsoring Semana Latina, events for Black History Month, and a leadership retreat to Lake Arrowhead. With so many projects, we always welcome more students to join the Caltech Y Excomm and help plan activities throughout the year.



Y Officers: President - Heather Dean, later Ian Swett.

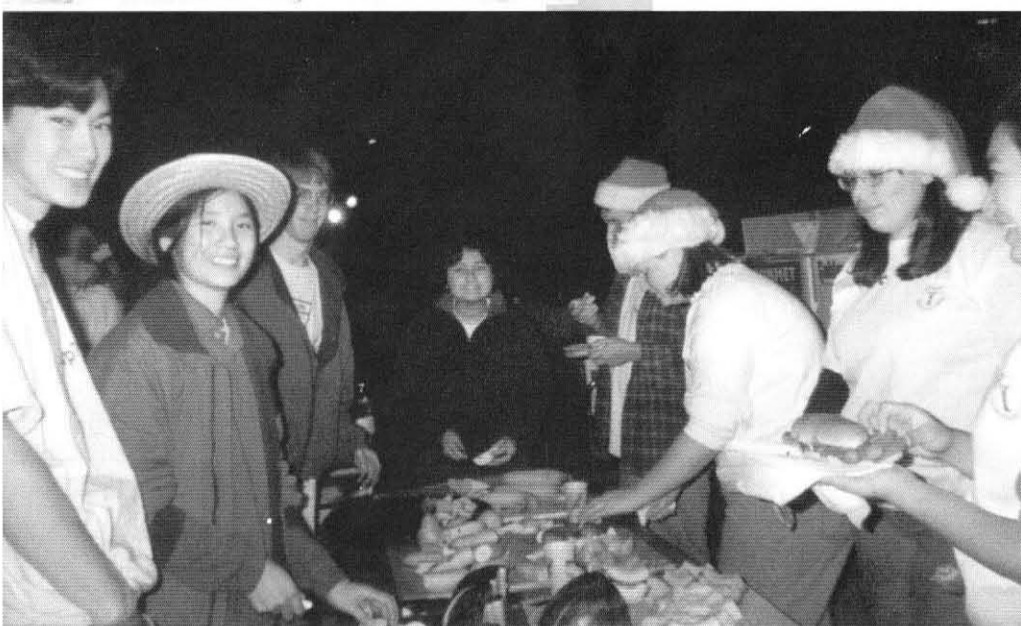
VP - Ian Swett, later Andrew Hafer.

Secretary - Elizabeth Chiang.

Treasurer - Kudah Mushambi.

Y Ex-comm is:

Bryan Eastin
Celeste Yang
Christian Thomas
Clifford Hicks
Curtis Pehl
Ellis Meng
Evan Dorn
Gerald Palmrose
Gustavo Joseph
Jenn Caron
Joe Carroll
Kenneth Kuo
Kristine Nielson
Marcus Sarofim
Nathan Flowers-Jacobs



Caltech Christian Fellowship



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 groups 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.



The Mars Society

of Caltech/JPL: Mars is closer than you think. **Founding Dates:** International Mars Society: August 15, 1998

Mars Society of Caltech/JPL:
September 25, 1998

First Human on Mars:
May 25, 2014

Below, the chapter presents a new human Mars mission to Teachers and the community.



The chapter visits the mothballed Saturn V in Houston; when humans go to Mars, a similar rocket will once again reach for the stars.

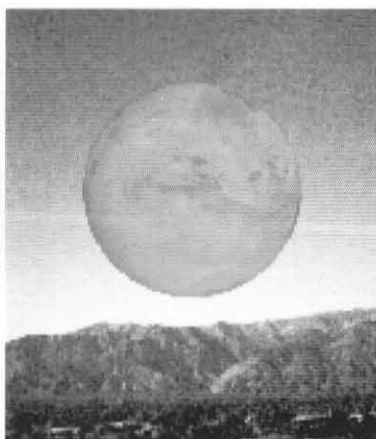


Presenting the new plan to NASA officials in Houston



Chris Graber	John K. Harris	Dinkar Gupta
William E. Kruse	Lailani D. Arcia	Douglas Lanman
Judith Kruse	Yuki Takahashi	Nathan Brown
Katharina Kohler	Chris M. Rutherglen	Alice Coppock
Robin Mayes	Freddy Hansen	David Bernat
Gray Rybka	Julian C. Jamison	Robert Swinney Jr.
Eric Sieg	Jim Burke	Dave Rahmow
Sarah White	Benjamin Lee	Kenneth Kuo
Yuliya Ruvinskaya	Brian Wang	Omar Khairallah
Edward Little	Vivek Chandran	Loren Hoffman
Tyler Johnson	Daniel Liebling	Merrett Wong
Megan Y. Andrews	Peter Dennedy-Frank	Jamal Rorie
Scott Payne	Michael Russo	Timothy D. Raub
Sascha Calkins	Serena Eley	
Amit Kenjale	Vijayanthi Balaraman	
Ayeh Bandeh-Ahmadi	Deborah Eason	
Tom Borchert	Stephen Shepherd	
Garrett Blankenburg	Nadia Haq	
Jane Greenham	Sara Quan	
David Gustin	Richard M. Bowman	
Eric Hale	Matthew Bachmann	
Clifford Hicks	Chris Hirata	
Joe Fassler	Ruben Krasnopolsky	
Luigi Celano	Michael Boeddiker	
Molly Swanson	Zhaosheng (Joshua) Bao	
Nathan Flowers-Jacobs	Aaron Davies	
Nate Austin	Jason Wong	
Todd Schuman	Jeanette Hagan	
Teodora Beloreshka	Michael Liu	
Timothy Crosby	Brian Palmer	
Anton Ivanov	Pei Zhang	
Samuel Makonnen	Richard Chiu	
Derek M. Shannon	Ernest Yeung	
Anthony Guerrera	Jane Garrity	
Michael Hochberg	Michael Liu	

Founding Members



National Mars Society leader Robert Zubrin and local chapter advisor Jim Burke set up the booth at the AAAS convention.

Chapter member Jane Greenham and Dr. Zubrin show off the results of all that hard work!



Students for the Exploration and Development of Space (SEDS)

SEDS is an independent, student-based organization, which promotes the exploration and development of space. SEDS pursues the mission by educating people about the benefits of space, by supporting a network of interested students, by providing an opportunity for members to develop their leadership skills, and inspiring people through our involvement in space-related projects. SEDS believes in a space-faring civilization and that focusing the enthusiasm of young people is the key to our future in space.



This year, the Caltech chapter of SEDS held star parties at Joshua Tree for the Leonid and Lyrid meteor showers, built an 8" Dobsonian telescope (yes, we ground the mirror ourselves!), hosted a technical guest lecture series, showed sci-fi movies during midterm and finals weeks, and held star parties on campus during celestial events such as the opposition of Mars. The technical projects in which we are currently involved include the construction of a small rail gun and Foucault pendulum and a long-term sky survey project.



Drilling holes in our heads



Mirror grinding



Eating pizza at a general meeting

Loren Hoffman — President
Deborah Eason — Treasurer
Gray Rybka — Excomm Rep.
Leon Torres — Astronomy Buff

Nathan Brown — His Gooberness, Webmeister
Mike Baier — Secretary & Lab Manager
Hitaine Patel — Events Organizer
Joe Cook — Official Lit Major & Great Guy

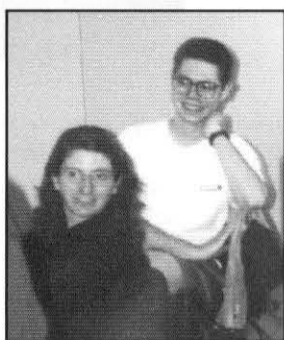
Caltech Anime Society

It was quite a year in the life of the Caltech Anime Society. A change of officers led to a change in the general style of the club. Stuffed animals (or...stuffed whatever...) and total chaos were staples of the year's Friday and Saturday night showings. While not always perfect, the officers hope they provided much entertainment through both the showing of some really interesting series and movies and through our own unique personalities.

This year, the club showed approximately 30 movies, nine television series, and a very large number of original video animations (OVAs). We expanded the library considerably. We traveled to Little Tokyo several times. And, we spent a lot of time just talking and having fun.



Another night at showings....



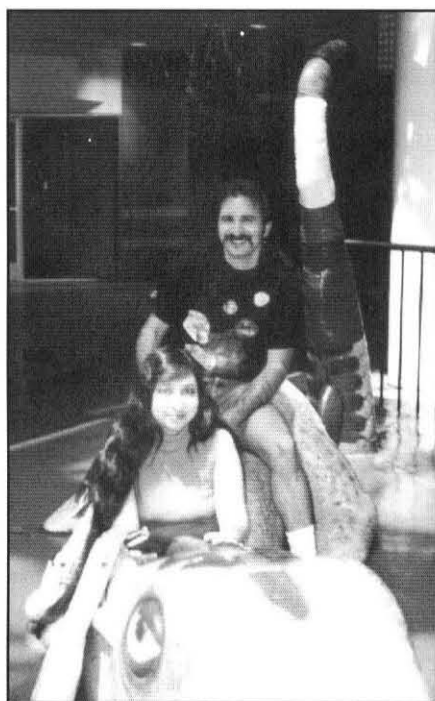
Sander Granat and Sarah Yost take part in a translation discussion.



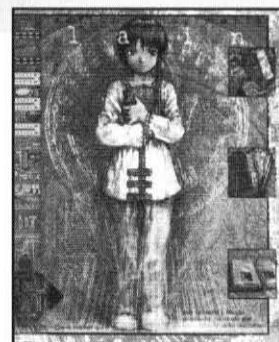
Tristan De Buysscher shows off his Mah Jongg powers while Steve Mueller demonstrates real life bishonenism.



Mark Tilford holds onto Ryo-ohki and Gekiganger III, two regular attendees to anime showings this year.



Jason Surace and Atiya Hakeem found a dragon during one of our trips to Little Tokyo. (Cute!!)



Third term, we showed Serial Experiments Lain.



We showed Martian Successor Nadesico first term.



Jamal Rorie says V!



The Baroness at May Day.

Caltech Medieval & Renaissance Society

Go back to the days of knights in armor, the Three Musketeers, archers filling the sky with arrows, bards singing, and people dancing in Royal courts. Welcome to the Current Middle Ages as recreated by the CMRS in conjunction with the SCA (Society for Creative Anachronism). The SCA is a historical group centered on the 10th to 16th Centuries of Medieval Europe. We have tournaments involving fighting styles of those times (yes, we actually put on real armor and fight—not with real swords!), as well as all the costuming, arts and crafts, and other historical activities. CMRS brings several historical events to Caltech every year, including our May Day Celebration and Collegiums (classes on history).



Luke Sollitt at Estrella War.



May Day tournament fighting.



Melissa Midzor and teammates preparing for a Tavern Brawl at May Day.



The Caltech Orienteering Club is a club for people interested in the sport of orienteering. We organize a car pool approximately once a month to a nearby orienteering event in Southern California.

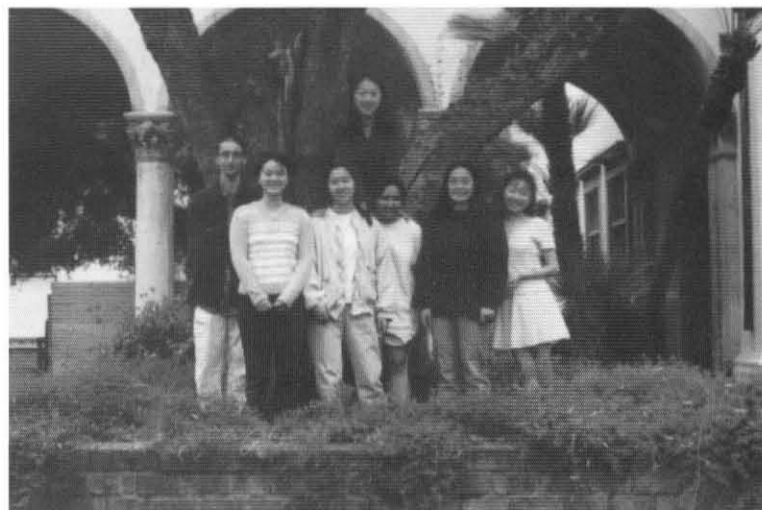
Trips this year have included: Laguana Meadows, Mt. Palomar, Griffin Park, Malibu Creek and Mt. Pinos.

Orienteering Club

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SWE: Society of Women Engineers

One need be neither female nor engineer to join SWE, whose goal is to give students at Caltech more opportunities to explore the diverse educational and career choices in engineering. SWE is a great way to network and make corporate contacts and jump-start a career.



Tang Soo Do



Caltech Science Education Club

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The Science Education Club is made up of undergrads, grads, postdocs, faculty, staff, alumni and JPL people. The purpose of the club is to explore issues involved in the reform of science education of science education at all educational levels.

Other Groups at Caltech:

CLASES

Club Chem

Entrepreneur Club

Pre-Med Club

Faceplant

Skydiving Club

Surf & Windsurf Club

Ultimate Frisbee

Asian Pacific Student Union

Association of Romanians at Caltech

Caltech C

Caltech Chinese Students Association

Hawaii Club

OASIS

Swedish Club

Bridge Club

Caltech Electric Vehicle Club

Quiz Bowl

S.P.E.C.T.R.E.

Student Shop

Ballroom Dance

Folk Dancing

Jam Room

Amnesty International

Caltech Environmental Task Force

Vegetarian Club

Fellowship of Unitarian Universalists at Caltech

Hillel

Newman Center

Ice Hockey Club

Karate Club

Men's Volleyball Club

BLACKER ∅ DABNEY ∅ RICKETTS ∅ FLEMING ∅
LLOYD ∅ PAGE ∅ RUDDOCK ∅ AVERY ∅ MARKS
∅ CHESTER ∅ DEL MAR ∅ OFF-CUBED ∅ OFF-
CAMPUS LOTTERY ∅ PDCE ∅ OPI ∅ APACHE
∅ INTERHOVSE ∅ FROSH PARTY ∅ DROP DAY
PARTY ∅ THE INSIDE WORLD ∅ THE OLIVE
WALK ∅ THE MAILBOXES ∅ FLEMING CANNON
∅ LLOYD GONG ∅ BLACKER FLAG ∅ DABNEY
HOT TUB ∅ “PAGE SUCKS” ∅ CRUD ∅ HELL
∅ UPPER 3 ∅ 1.5 ∅ MURALS ∅ VAHALLA ∅ REAL
GENIUS ∅ DECOMPRESSION ∅ SLEEP? ∅ FROSH
∅ SMORES ∅ JUNIORS ∅ SENIORS ∅ DITCH DAY
∅ PRANKS ∅ sKURV RADIO ∅ LLOYD RADIO ∅
THE DRL ∅ CATS ∅ FISH ∅ HOUSING ∅ LEAKY
ROOF ∅ CLEAN-UP ∅ SNAKES ∅ PRE-FROSH ∅
ALUMNI ∅ PAGEBOYS ∅ LLOYDIES ∅ RUDDS ∅
SCURVES ∅ DARBS ∅ FLEMS ∅ MOLES ∅ FUN ∅

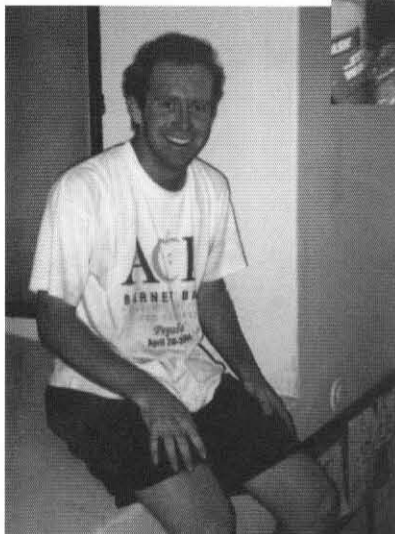
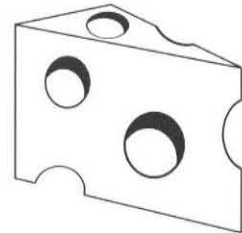
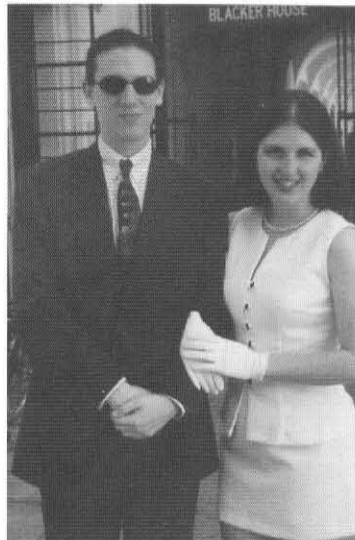
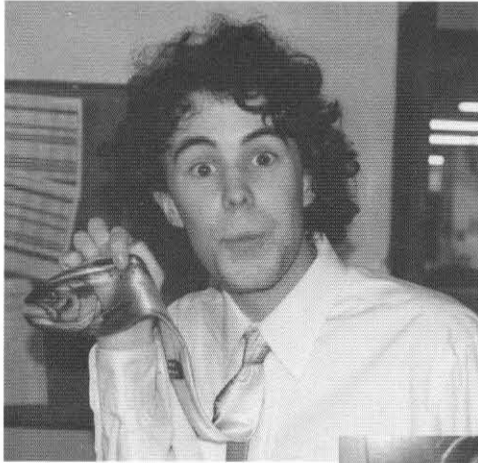
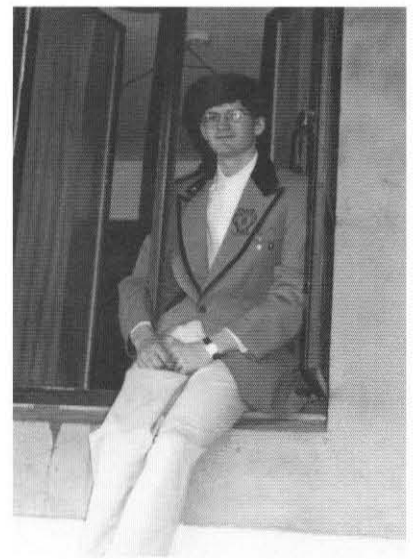
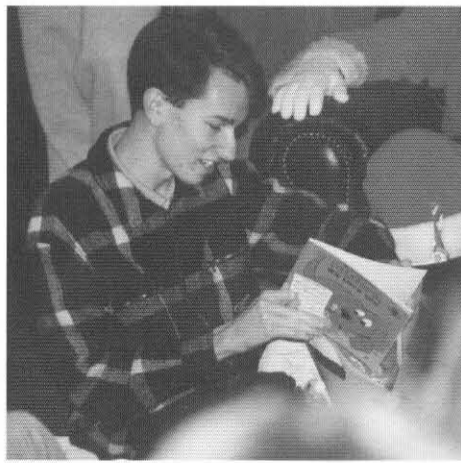


HOUSES

Blacker Hovse



Ex-Comm Officers



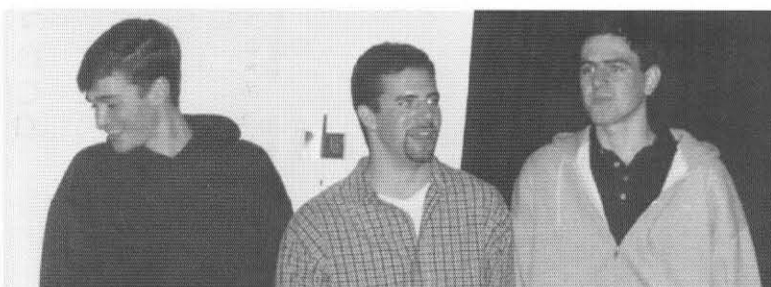
*First row: Clifford Hicks, Treasurer;
Nicholas Breen, President.*

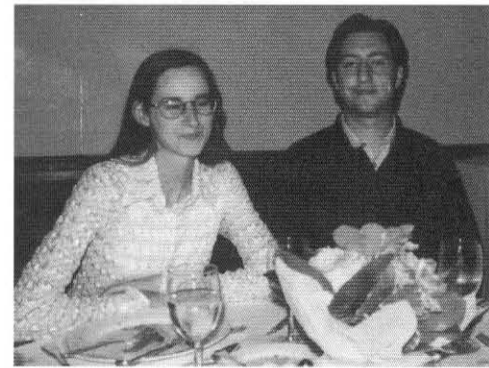
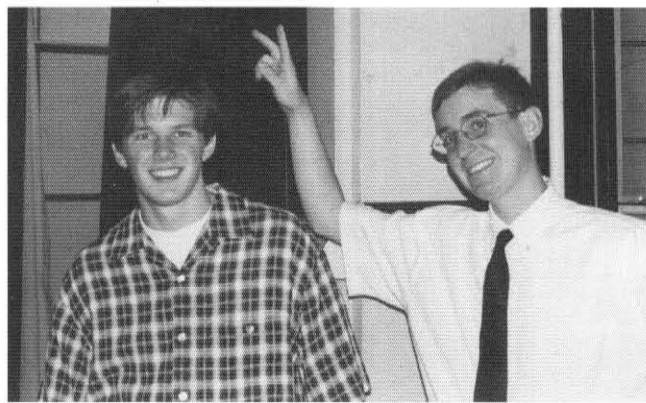
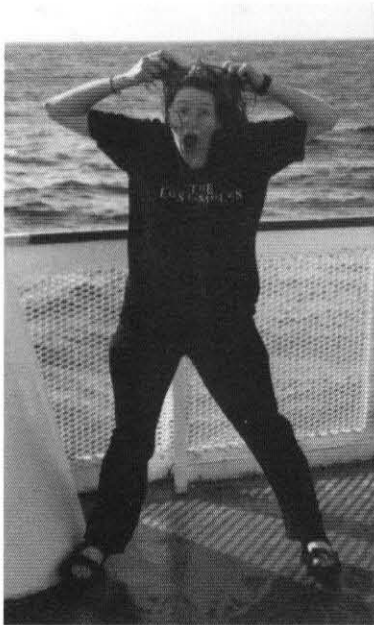
*Second row: Tim Crosky, Librarian;
Amy Peterson, Historian; Todd*

*Schuman and Cheryl Forest, Vice Presidents; The Cheeses,
Social Team (Not shown: Nate Austin, Teodora
Beloresbka, Kjerstin Eastin, Nathan Flowers-Jacobs, Nick
Knopf, Kacie Shelton, Tory Sturgeon, Jennifer Taggart,
Christian Thomas, Celeste Yang).*

*Third row: Walt Ogburn, Historian; Stephen Thrasher,
Librarian.*

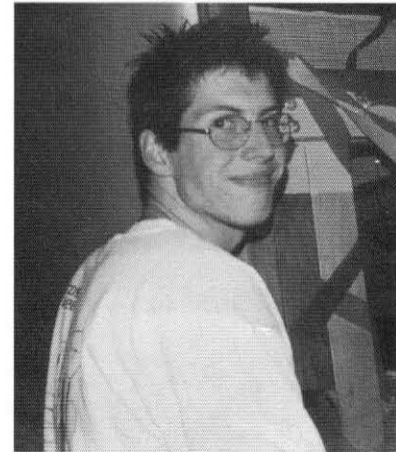
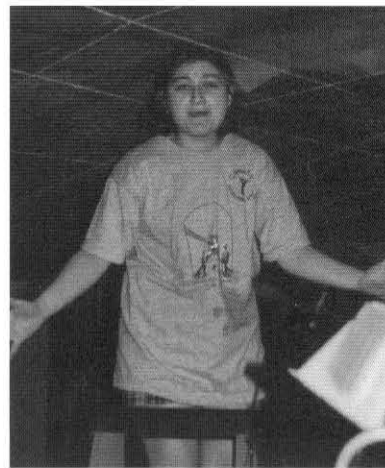
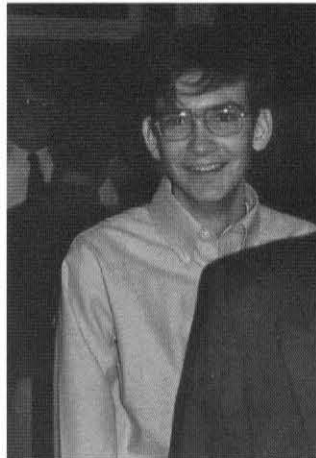
*Fourth row: Garrett Blankenburg, Chris
Elion, and Nate Austin, Ath team; Mark
Barrett, Secretary.*





Clockwise from above: Jane on the boat to Campus by the Sea; Chad and Joe at the Swing Party; JenRA and Keith at Dress Dinner; Adam gets a birthday surprise; Teo building Interhouse; Curtis enjoys Dress Dinner.

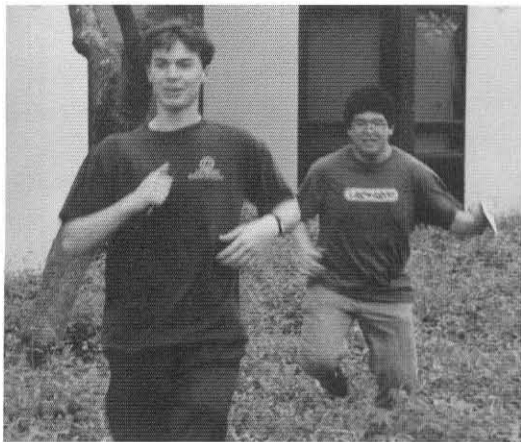
Freshmen



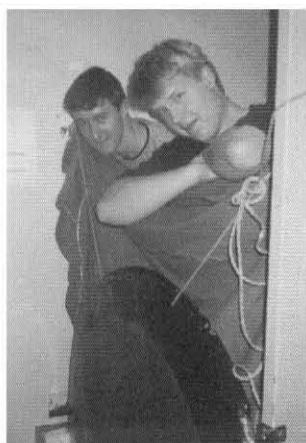
in water: Michael Cheng, Todd Schuman; on couch: Nick Knouf, Chris Elion, Teodora Belokreshka, TORY STURGEON, GARRETT BLANKENBURG; behind: Chad Young, Ayele Bandeh-Ahmed, Joe Fassler, Tim Crosby, Tom Borchert, Molly Swanson, Jeremy Tollefson, Aaron Simons, Dave Guskin, Mary Beard, Ralph Lin, Nate Austin, Stephen Thrasher, Jennifer Taggart; Not shown: Luigi Celano, Cindy Chen, Faith Fulton, Jane Greenham, Eric Sieg, CURTIS SMITH, Weiwei Yang, Adam Yates.

Mary becomes a Mole and Weiwei wields a razor.

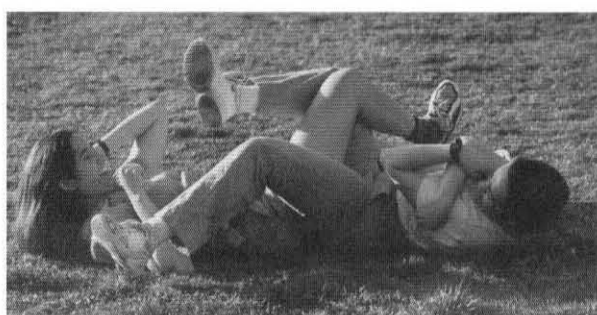




clockwise from above:
Stephen and Mike find
a clue at the Forty-
ninth Underground
Cannes-Kremlin
Espionage Dance; Nate
relaxes in his tux;
Six-
Man Lift!; Frosh
celebrate their last 200
days as frosh with 200
pints of Dew; Faith and
Teo prepare for a
roompick.



Clockwise from bottom right: No one will
ever attempt to dump Tim again. Toky and
Niffer leg wrestle at second term Alley
Ordering. Ayeh convinces some frosh to join
her in the shower. Luigi and Eric hang a new
bathroom divider in Hell. Cindy with a gun.
Jane and Molly return from a trip. 1998
Christmas elves: Dave and Sticky. Ralph
lounges.



Sophomores



above: Harry and Seth in the courtyard;
below: Jay breathes fire.



Left: Brian attacks
Above: smokes eat their
Ditch Day bribe.
Right: Nathan F-J gets a
present from Santa.



Andrew on Ditch Day.
Christian dips Cheryl at
the Swing Party.



Blacker



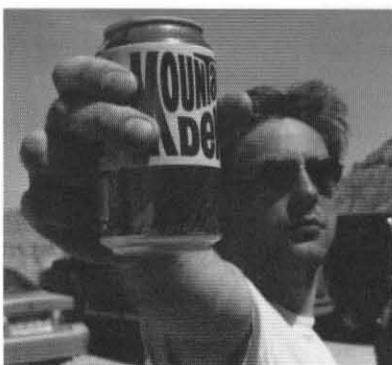
From right to left, Celeste Yang, Stona Jackson, Sapia (Arie)
Abidi, Mark Barrett, Robin Friedman, Peter Freese, Sam
Williams, Regina (Wedge) Cheung, Cheryl Forest, Christian
Thomas, Kristin Commer, Elisa Chiang, Amy Peterson, Ronnie Chen,
and Brian Platt. Not shown: Ruokon (Harry) Liu, Seth Miller, Andrew
Hafek, Jay Catherwood, and Nathan Flowers-Jacobs.

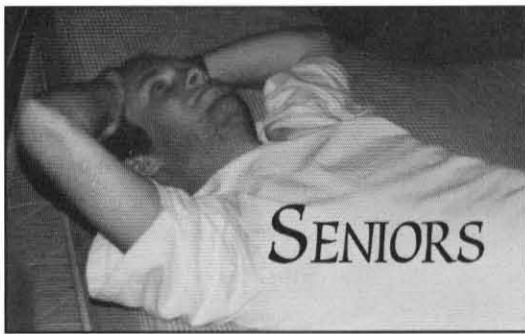
Juniors

Bottom row: Andrew Childs, Yifan Yang, Wren Montgomery, Kristine Nielson; Middle: Nicholas Breen, Eric Hale, Adrienne Hyl Dahl, Nathan Schara, Anne Kelly, Kjerstin Eastin, Steve Mueller, Clifford Hicks; Top: Robert Enright, Amy Barr, Kacie Shelton, Kevin McCarty.
Not shown: Juna Kohlmeier, Mike Fitzgerald, Tudor Bosman, Dave Devault, Hannah Peck, Rafi Rubin, Ian Shapiro, Ryan Cox.



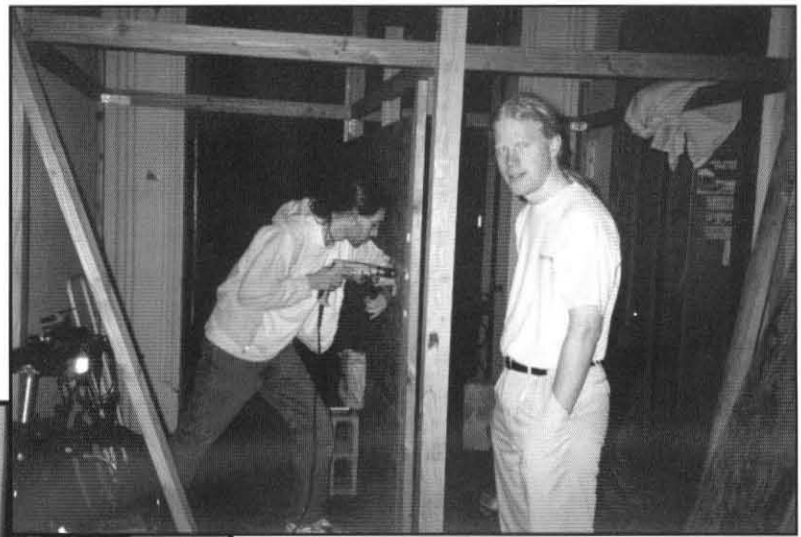
Left: Juna smiles at the Associates' Tea. Right: Robert swings on pinata remnants. Below: Ryan does the Dew; Rafi fixes; Adrienne papier-maches for Interhouse; Amy looks happyish; Nathan and Eric display their ME72 trophy.





Left: Walt rests during Movie weekend.

Right: Erik builds his maze while Matt watches.



standing: Micah Dedmon, Aimee Pierce, John Chodera, Mic Westcoat (social member), Peggy Gabriel, Reuben Walter "Walt" Ogburn IV, Allison Roberts, Dave Tytell, Erik Streed, Ryan Choknock, Matt Komsthoef, Kyle Alvine, Oliver Dial. sitting: Aaron Denney, Amy Chang-Chien, Autumn Looijen, and Noah Arribas-Layton. Not shown: Nat Anagnostou, Joe Carroll, Dave DeVault, Tanya Evans, Vlad Gluzman, Matt Hage, Krishna Kant, Kurt Klein, Roy Koczela, John Lin, Ellen Martin, Mike Stone.



right: Nat succumbs to the power of the swing.



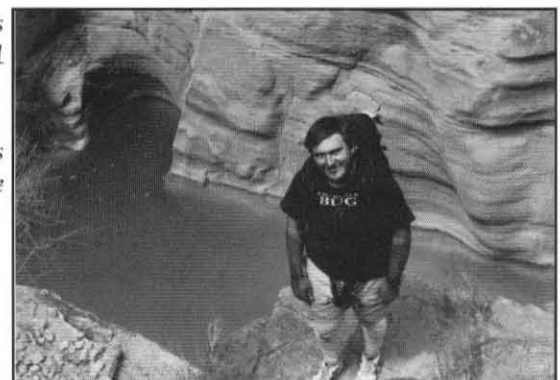
left: Micah discovers some misplaced umbrellas.

right: Walt and Dave show off their Red Head Conspiracy apparel.



left: seniors attempt to kill Hellride.

right: Kurt, on his stack, near the Grand Canyon.





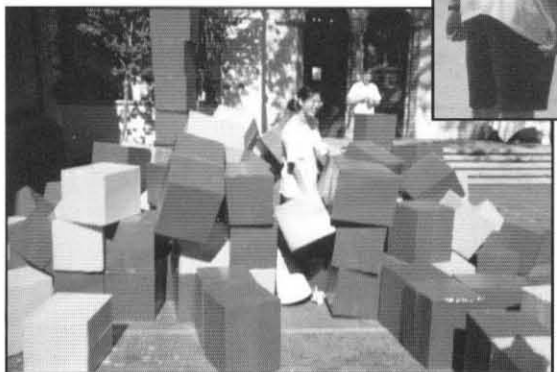
left: GARRETT waits to climb into the maze.

below: Aimee and Amy's stack plays on the beach.

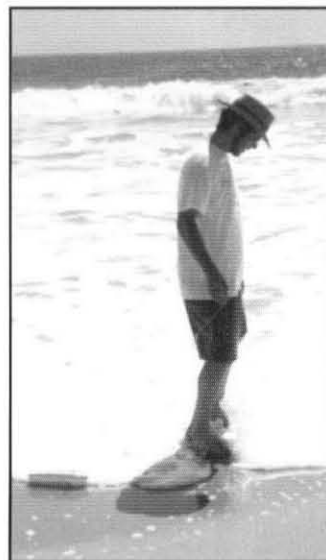


above: Allison and Erik's stack in costume.

below: Wedge emerges from the blocks.



DITCH DAY: MAY 17, 1999



right: ADAM won't abandon the boat.

below: Dave and Walt's Red Head CONSPIRATORS.



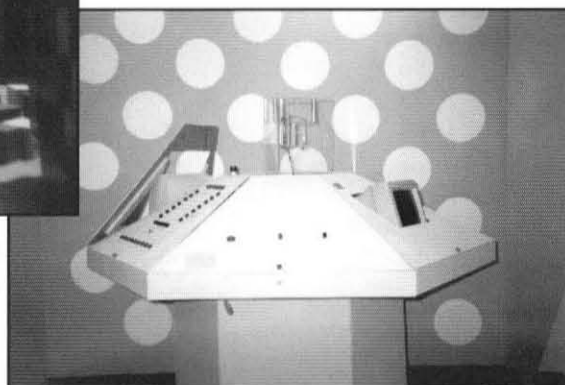
above: Pie fight for the birthday kidnapping stack.

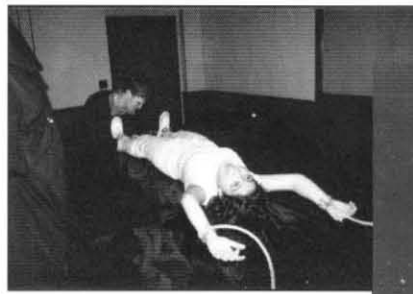
right: another block tower bites the dust.

below: Steve and Kristin fight with quarterstaves.



right: TARDIS console from the Doctor Who stack.





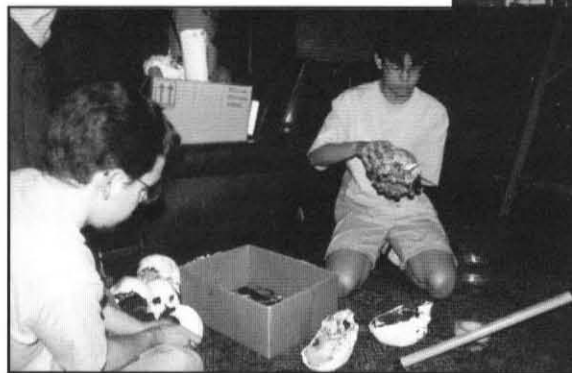
Interhovse 1999: Inferno



above left: who wouldn't want to torture Teo?
above: special plastic-laying booties
below: Cerkeerus the keer dog



left: Tim and Jane explore Cerkeerus
above left: partygoers watch the play
above: creating the River Styx
far above left: here come the boats!

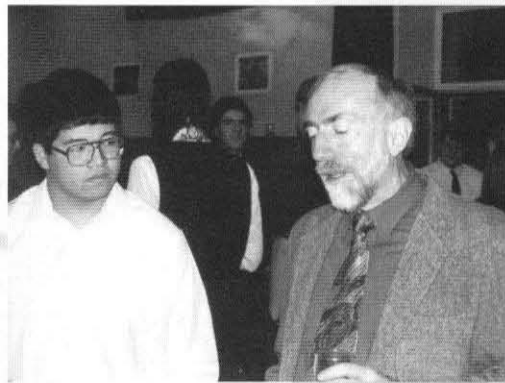


left: Nick and Ralph make skulls
above: Dr. Evil the swing band
right: Niffer and Tory make shakes



left: Ayea and Mary with sheep's brains
below: Nate leads his crew



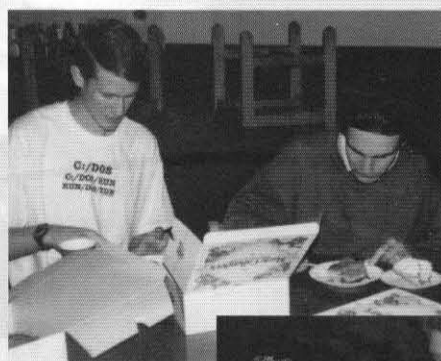


Dress Dinners

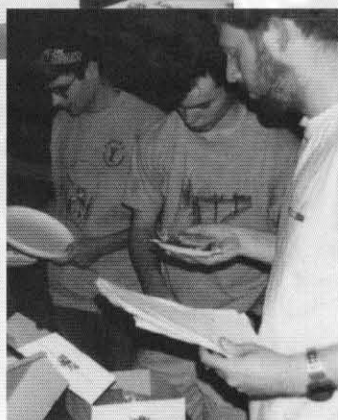


Nothing BRINGS Moles Together Faster Than

Food



Pi Time



Dinner at Tom Mannion's



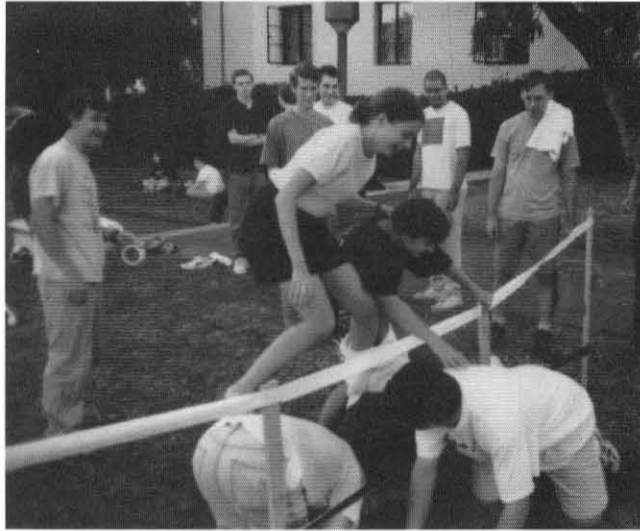
Crazy Bill's Money



POSH



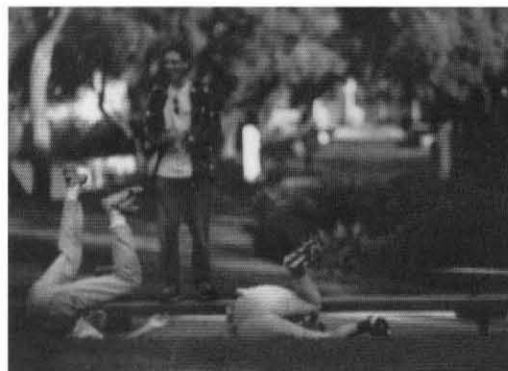
FIRST TERM



ALLEY ORDERINGS



SECOND TERM





The Lloyd gong moved around quite a bit, courtesy of Blacker's new frosh. (Not to mention the seniors. See p. 176.)

Hellride might have lasted longer if Stephen and Todd hadn't had their air cut off.



Left: Jeremy and Fitz lounging in Muntz

Below left: 14 player cutthroat, anyone?

Below: Trip to Watts Towers

Bottom left: all the frosh laugh like Dave Gusk

Bottom right: Bitch Day



THANKS TO WALT, STEPHEN,
AND CHRISTIAN FOR PHOTOS
--AMY P :)







historian: kudak mushambi



front: mauricio cordero, fernando campos, chalita thanyakoo, robin mayes, wei wei yang, brian eng, robb rutledge, emily wang, alisa ching, anongpat sutthangkakul, ellen wei, dana vukajlovich, noel mcguinness.

back: phil nowell, anton ivanov, richard bowman, philip fung, bridget west, morgan venable, sam thompson, alex lippert, rebecca stob, bryan tiedemann, tyler johnson, sam makonnen, matthew ashman.

missing: alan haynes, siina haapanen, peter meilstrup.

freshmen



juniors

front: anh pham, rory sayres, matthew paul, charless fowlkes, george chung, gabriel au, dipasri ghosh, melissa parish, michelle armond, kudah mushambi.

back: chris berger, sarah milkovich, juna kollmeier.

top: agnieszka wojciechowska.

missing: jianhui zhang, haitao yu, amanda blasius, angela han, kayla smith, lilach somberg, louis cisneros, kim harle, myra interiano.

front: kathryn
todd, vanessa sih,
jay hubisz, dev
kumar, noel
mcguiness, ryan
simkovsky, justin
smith, kevin shand,
dan murphy.

missing: owen
aitreth, tom baehr-
jones, florian
bohn, augusto
callejas, jimmy
cooley, ingrid
cotoros, lisa
cowan, iljie kim,
irina
mikhaylovskaya,
dvina valainis,
brian watkins,
steve craver,
francis macdonald,
jordan miller,
deanna carrick, joy
justice, andrew
koehl, travis
waddington.

sophomores



seniors

front: rory mckenna,
ann stimmler, rebecca
jones.

middle: juancarlos
chan, max
narovlyanskiy,
valerie anderson,
ethan snyder-frey,
cliff ellgen,
yevgeniy dashevsky,
rafed al-hug, miles
shuman, sander
granat, eric fischer,
kristian delacruz.

back: petru-nicolae
chebeleu, geoff
matters, jim
buckwalter, patrick
drew, samantha
howarth.

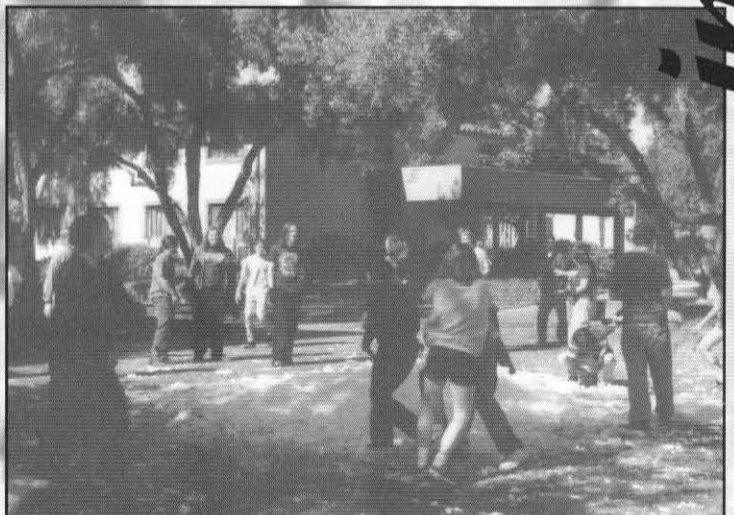
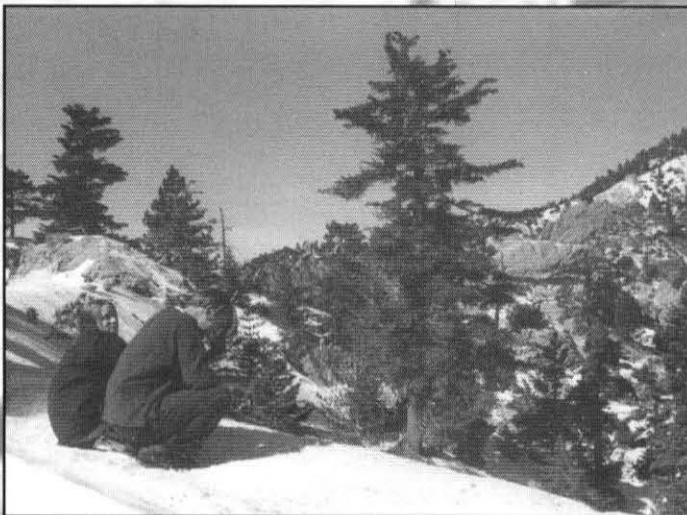
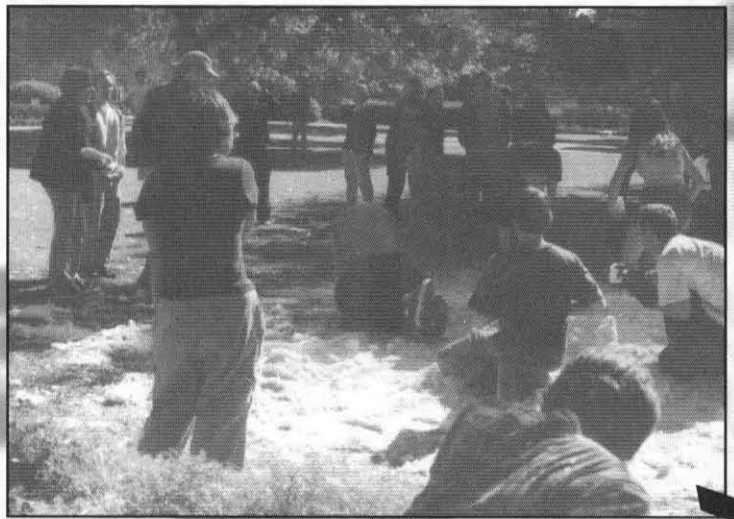
missing: tatsuki
kashitani, wesley
tanaka, stavroula
otis, autumn looijen,
kurt campbell, dave
benson, chris bartok.



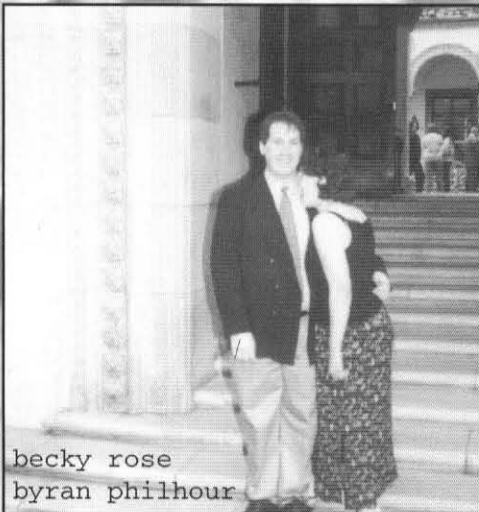
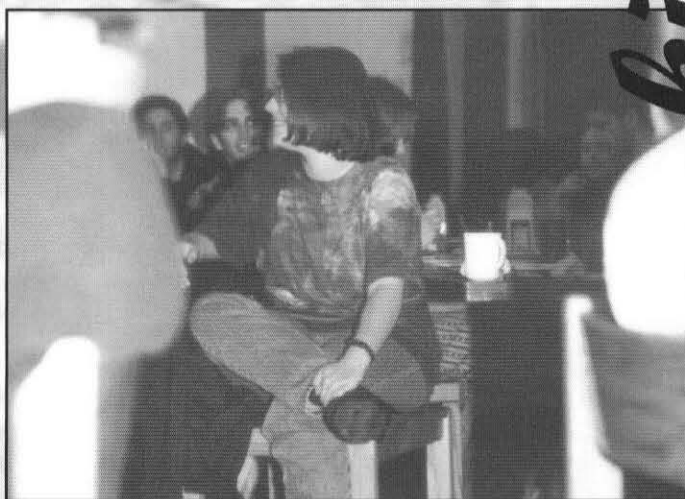
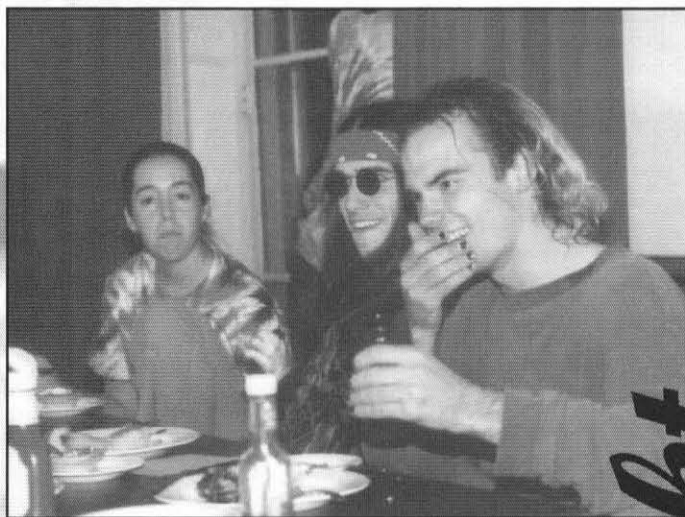
classes



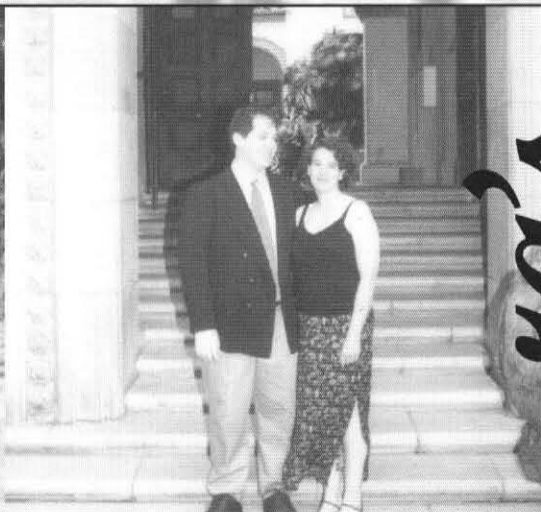




inuit freedom day



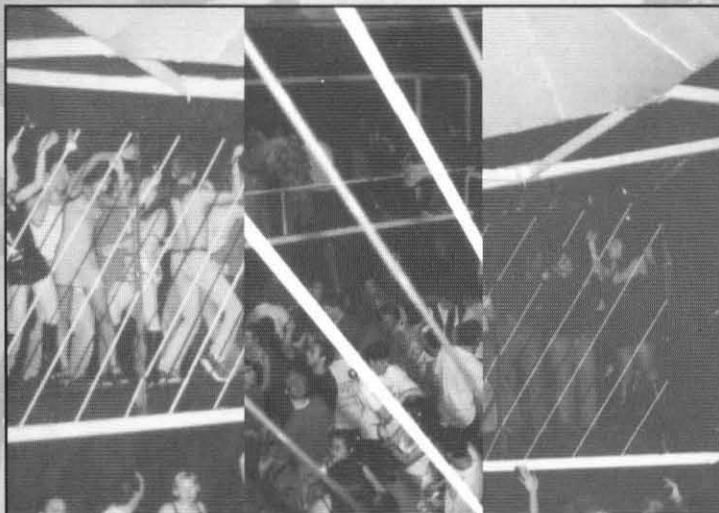
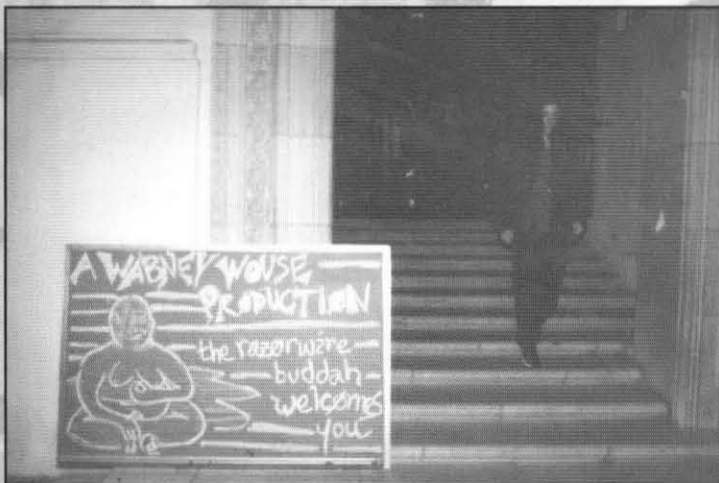
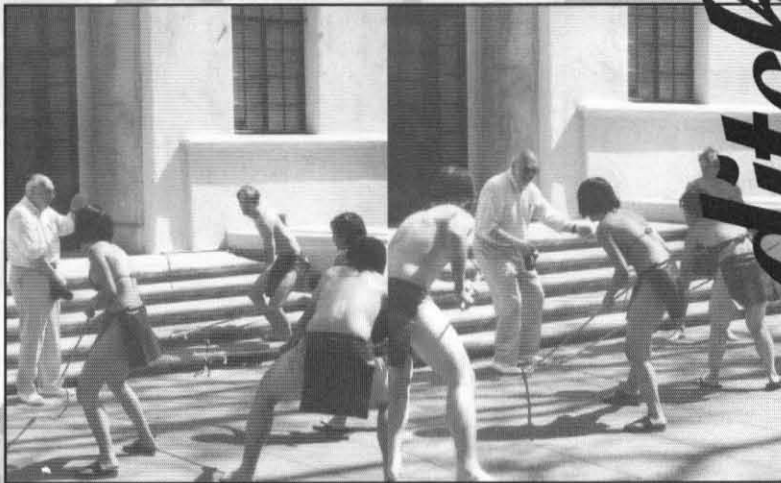
becky rose
byran philhour



hippie night

'80's





ditch day

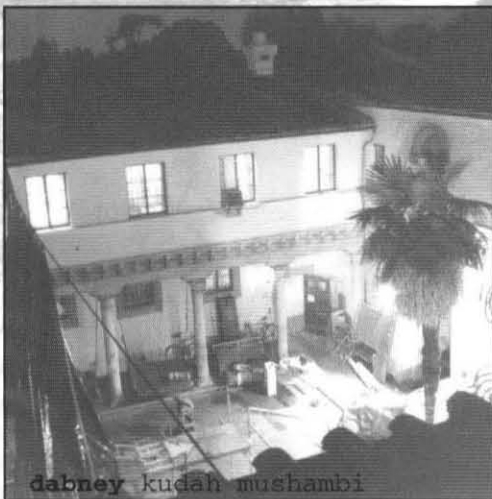
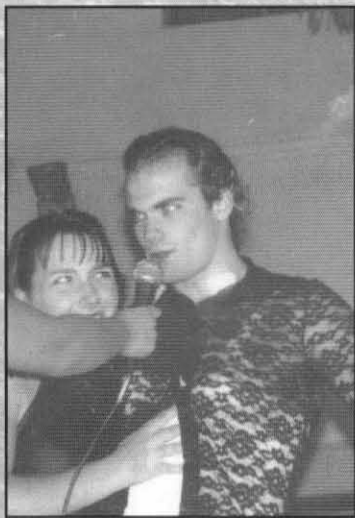
drop day



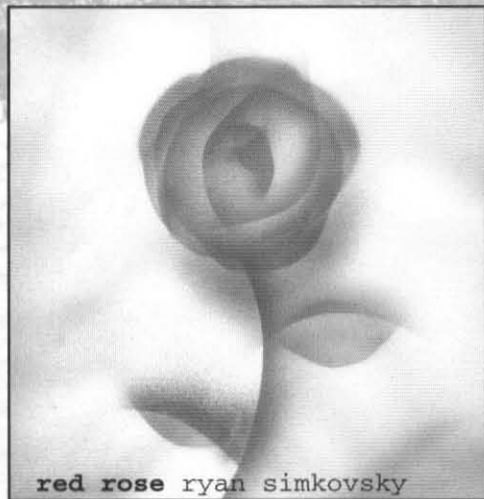
Christmas,

elections,

interhouse drag



dabney kudah mushambi



red rose ryan simkovsky



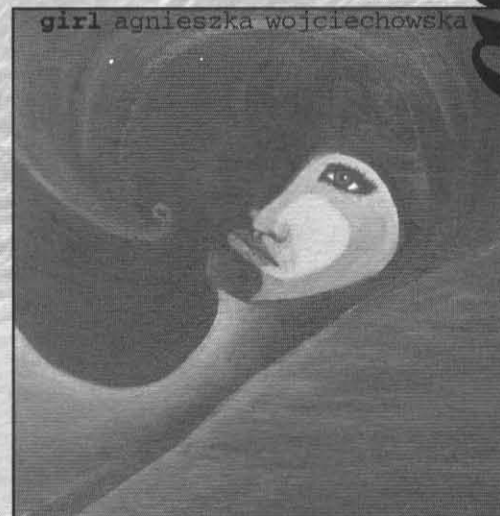
sunflower wesley tanaka



catmount valeri anderson



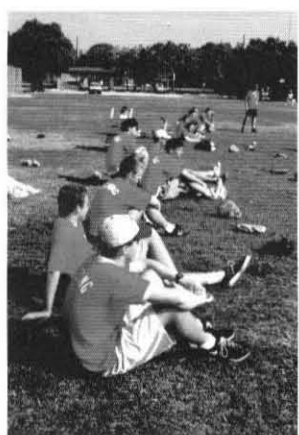
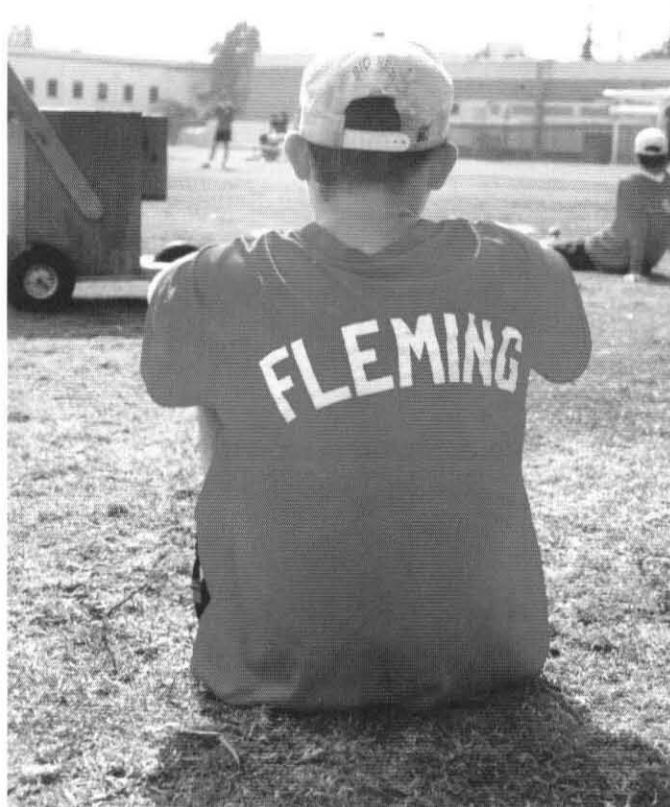
falling apart francis macdonald



girl agnieszka wojciechowska

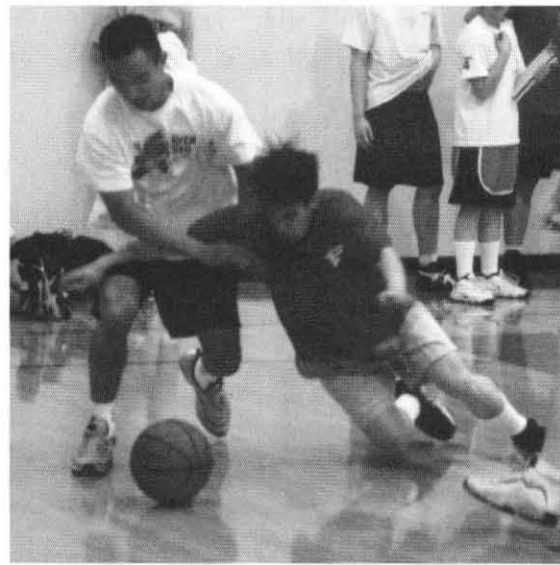
art

FLEMING HOUSE

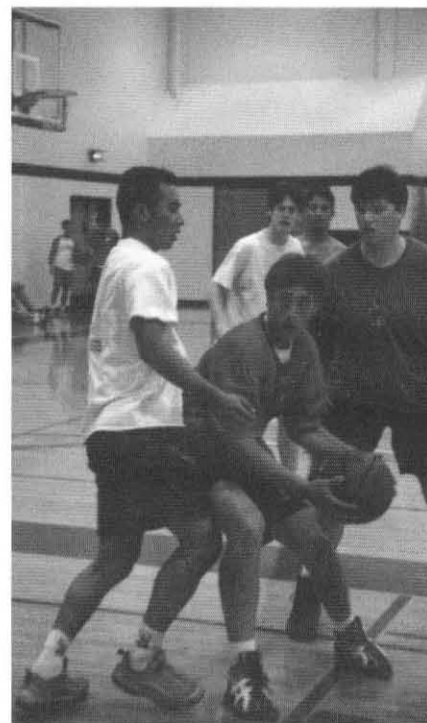
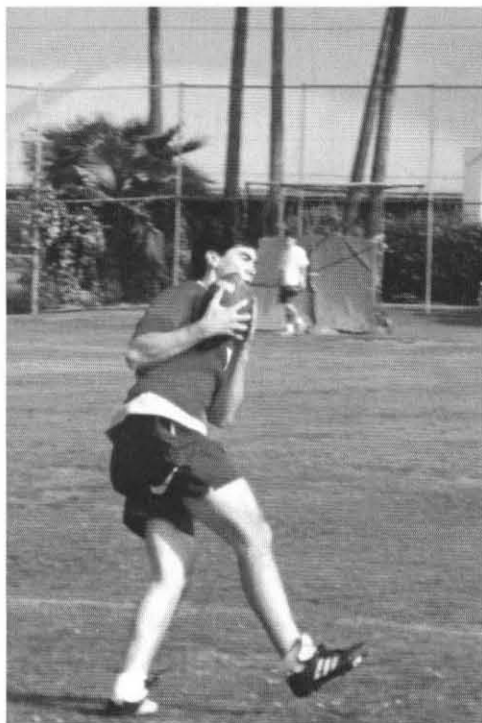




THE BIG RED



Above: Fleming prepares for a soccer game. Joe scrambles for the basketball (and gets fouled!) Sides: Jon kicks off as Will holds. Nicolai takes a shot. Below: Kurtz catches in Football vs Lloyd. Tony jumps for a basketball shot. Matt Musick works his way inside.



MACHINE

The Big Red Machine showed its determination and prowess this year in both Interhouse and Discobolus. Starting the year out in Interhouse, Fleming suffered a couple setbacks in Softball and in Soccer. Strong performances second term helped Fleming pull to within striking distance of page. A 13-8 thrashing of page in Ultimate marked the turning point of Interhouse. After defeating page in Basketball, Fleming was once again leading. A tie in tennis set up Football to decide Interhouse. A hard fought 12-6 victory put Fleming on top of Interhouse for the year.

The Discobolus trophy started with page this year, but the first challenge brought it back to roost in Fleming House with a 2-1 victory in Soccer. Fleming held the trophy through tough challenges until page gained it back by defeating Fleming in an extremely close and hard-fought Volleyball game. When it came time to challenge again, Ruddock fell prey to the Fleming Athletic Beast, losing in Tennis 3-2. We lost it to page in another tennis match. The next challenge, Ultimate Frisbee vs. page, would decide Disco. A confident Fleming horde showed up for the event and left page in the dust, winning the disco trophy.

The Frosh Football game proved to be an exciting one. It remained scoreless through much of the contest, until the Fleming Frosh broke it wide open in the fourth quarter, scoring two quick touchdowns.

Following our victories in both Interhouse and Discobolus, we thought it was time to celebrate. The Ath Team showed their love for Fleming House by putting together a little food fight we like to call ANIMAL MEAL!! After 4 long years, both trophies are where they belong: in Fleming House.

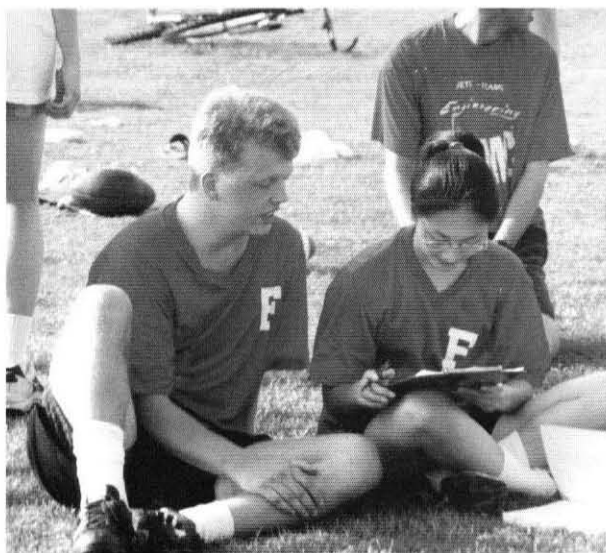
-Jon Ladd, Ath 1



Above: Carrie jumps in Interhouse track, Natron bats in Interhouse softball.

Lower left: Chris Brooks, Stalder, Jen, Ryan Patterson, and Matt Musick relax between games during the Disco volleyball match vs page.

Lower right: Will and Amy watching a football game.



SOPHOMORES



Top row: Matt Davis, Eric Sherer, Beth Cutler, Ed Little, Jeff Barrick, Michael Schein, Stephen Wexler, Elisa Chiang, Jason Cardema, Ashwani Sastry, Brian Stalder. In the water: Dan Daly, Abe Ankumah, Bryan Eastin, Puneet Newaskar, Jorge Avelar, Adam Lawton, Alec Muller, Yuki Takahashi, Nita Losoponkul, Jon Ladd, Mandy Booth, Jen Fong, Carrie Bunce, Christian Reichardt. Not pictured: Luis Armendariz, Tuom Holmberg, Ghee-Hwee Lai, Linda Soo, Lisa Van Hoozer, Yin Yuen.

SENIORS



Faye McNeill, Mic Westcoat, Corinne Gilliam, Derick Wiant, Ryan Merle, Amy Dullard, Joanne Jang, Jeff Mendez, Phyllis Chen, Kara Swedlow, Jorge Palamara, Mike Grebeck, and John Niccolai. Not pictured: Jonathon Burrows, Alex Chen, Jeff Custer, Francisco Dias Lourenco, Anthony Greenman, Rajat Kongovi, William Kung, Will Ofstad, Juan Oleaga, Devang Shah, Joe Soriaga, Erik Streed, Gregory Tan.

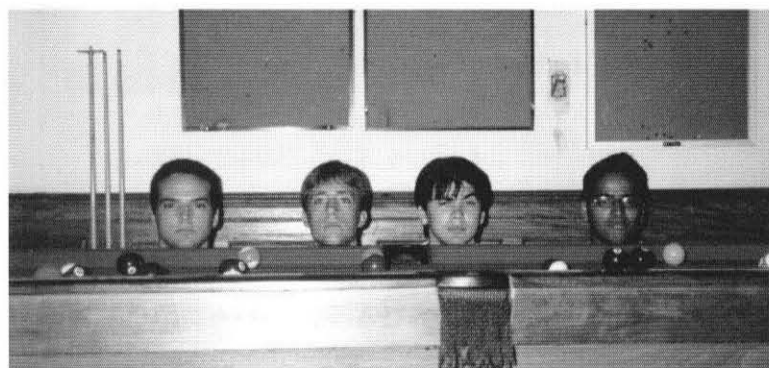
JUNIORS



Back row: Ben Brantley, Liz Kelley, BJ Horn, Jay Henderson, Francisco Valles. Front row: Jason McIlhaney, Matt Musick, Chris Brooks, Cory Loomis. Not pictured: CJ Brown, Greg Detweiler, Rui Fan, Dee Ghosh, Bill Hiestand, Natron Hsu, Matt Kennedy, Abraham Kuo, Chris Kurtz, Cory Loomis, Arjun Mendiratta, Martin Nguyen, Ryan Patterson, Lori Robison, Adrian Seymour, Josh Strahan, Ian Swett, Kim Vu, Matt Wilhelm, Hao Zhang

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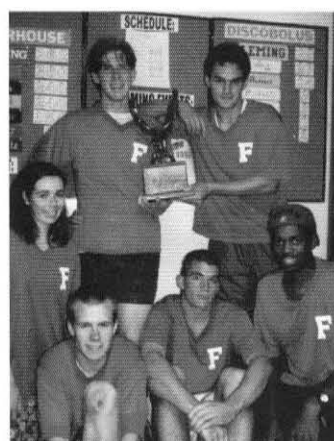
OFFICERS



Top Four: Jason McIlhaney, Matt Musick, Chris Kurtz, and Puneet Newaskar.



Social Team: Shahram Ardelah, Nita Losoponkul (Soc 2), Tony Guerrero, Adam Lawton (Soc 1), Caroline Gibbs, and Amy Vu.

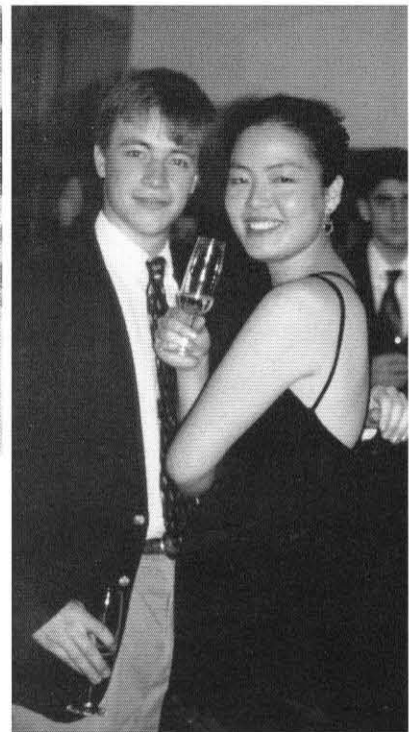
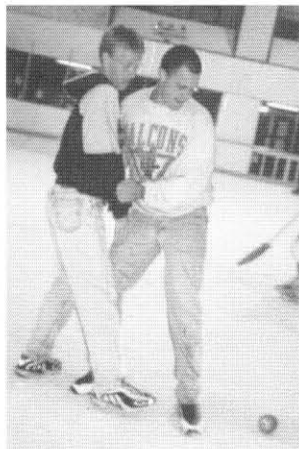
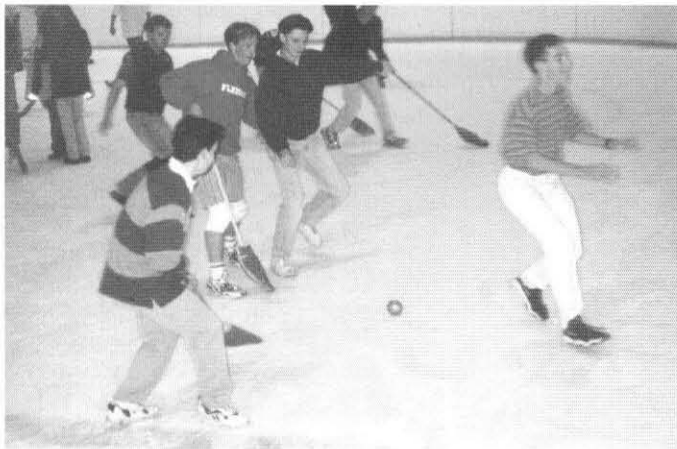


Left: Ath team: Front row: Laurie Gagne, Brian Hardy, Craig Viereg, John Harris. Standing: Jon Ladd (Ath 1), DISCO trophy, Dan Daly (Ath 2).

Right: (Okay, so they're not officers, but...) Eric, Alec, and Dan present their plan for the upper 4 triple.



SOCIAL EVENTS



Above: Tom, Christian, and Brian Easton chase the ball, while Adam runs away from it. Jim tries to wrestle BJ away from the ball. Left: Tom Snyder can't quite seem to find the ball

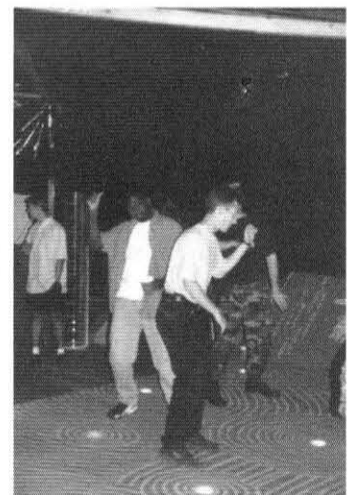
Right: Gurt, Emma Kang at Wine and Candlelight.
Lower right: Lucine, Scott, Dana, and Jorge at Wine and Candlelight.

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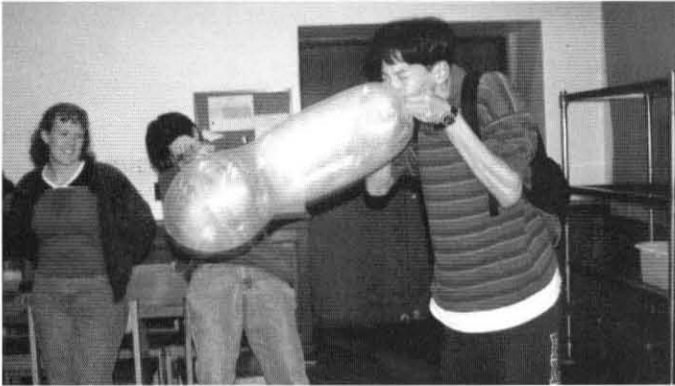
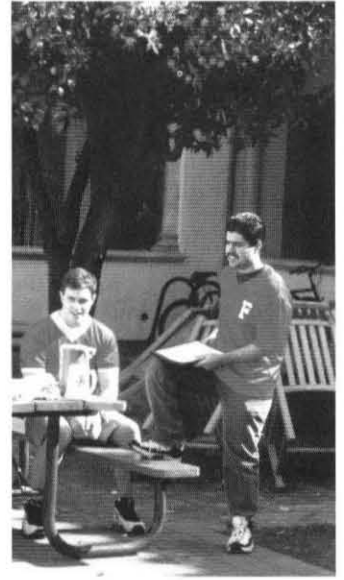
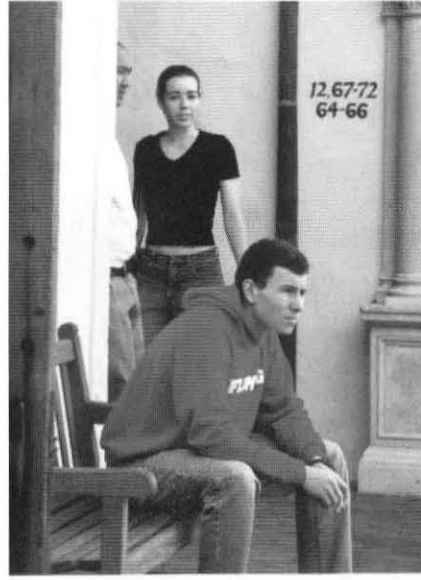


Left: Jason Tran steadies Matt Musick's ladder as he works on the roof of the UFO for BFP. Caroline paints the UFO.

Lower left: work continues on the UFO.
Below: BJ and Caroline guard Area 51, while Adam and Abe dance inside.



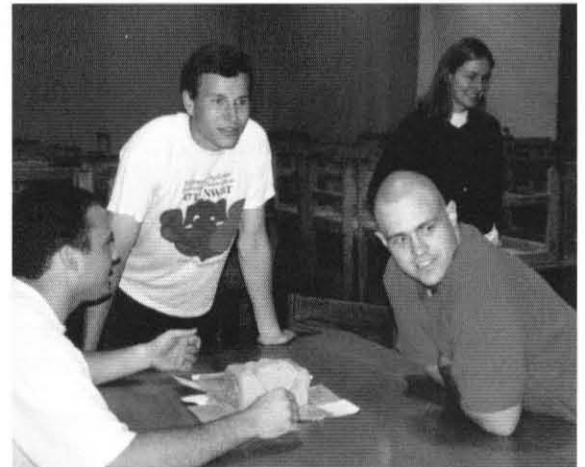
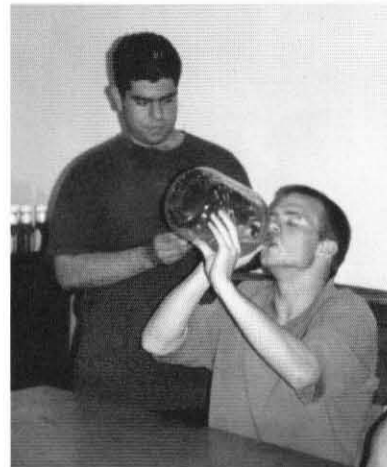
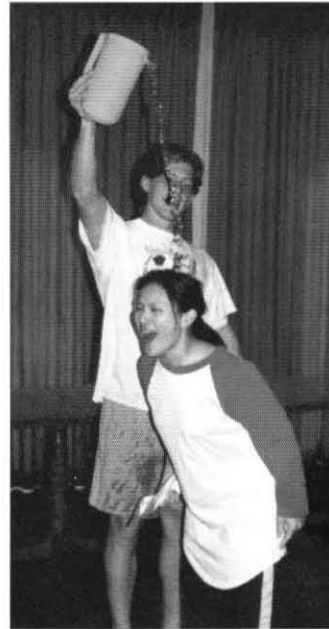
IACCOFH'S EVENTS



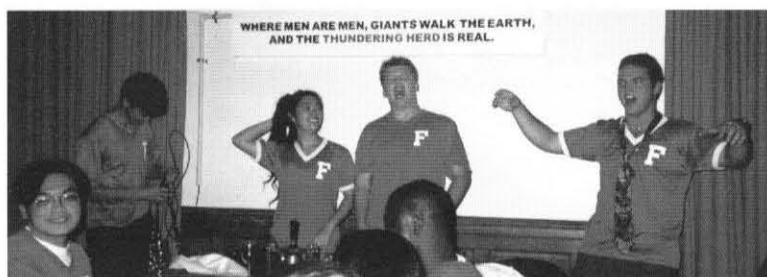
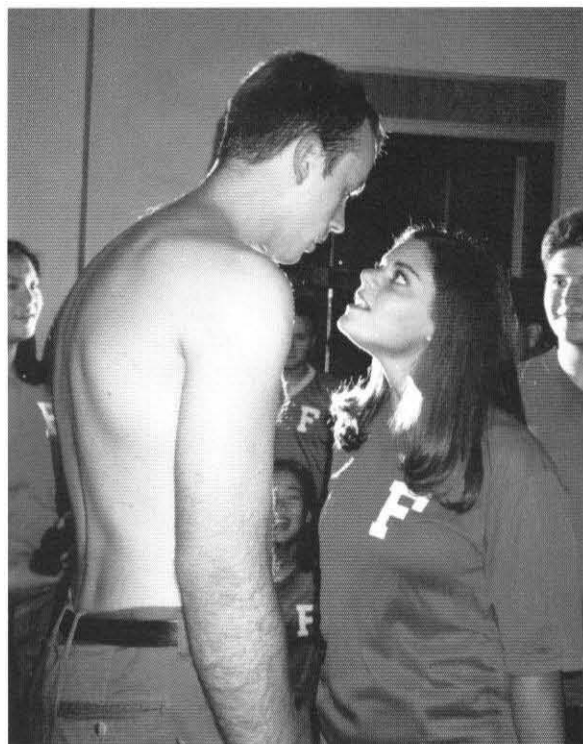
Above: Natron completes in condom inflation. Right: Caroline and Joel at Outdoor, Kim makes an alley challenge. Below: Carrie drinks while Francisco watches, Brian Hardy finishes the jug while Jorge times, and the juniors prepare for ice cream eating. Far right: Will and Joanne watch the proceedings.



Above left: Jorge calls Tom out at 3rd in kickball during Outdoor. Above: Laurie and Chris Brooks watch an alley challenge. Above right: the old and new IACCOFHs (BJ and Jorge) confer.



MAKING FROSH



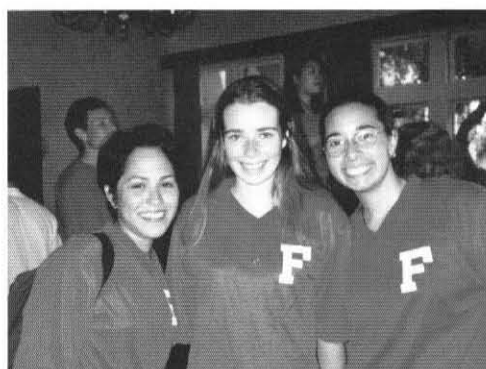
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Above: Caroline, as work chair, stands up to Tuom, the taskmaster

Right: the top 4 before and after, and the frosh showering the taskmaster

Below: Joanne and the bell during First Formal Meal

Below right: Lailani, Laurie, and Elisa show off their new jerseys, and Linda, Nita, and Joanne go caroling



Joanne and Amy tend to their sore necks after Grand Tour



INTO FLEMS

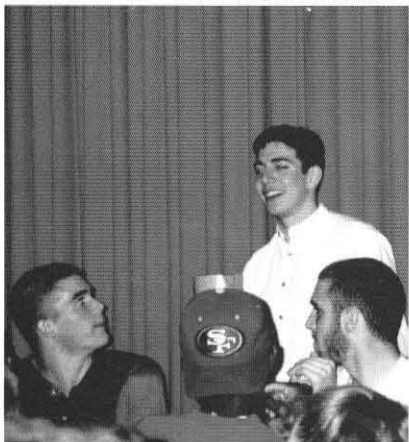


Above: Country Club



Right: Joanne and Amy are given a Grand Tour of the house's showers

Below: Shahram's experience as Headwaiter



FRESHMAN

CLASS



Top: Craig Viereggs, Brian Hardy Next row: John Harris, Michael Hochberg, Brad Blakestad, Jessica Yohe, Joel Carranza, Shahram Moaz Ardelan, Laurie Gagne, Caroline Gibbs. In the middle: Elisa Bueno, Garrett Heffner 2nd row: Brad Reynolds, Derek Shannon, Sean McHugh, Chris Rutherglen, Jason Tran, Sunny Chan, Tom Snyder Not Pictured: Lailani Arcia, Anakewit Boonkasame, Todd Bowra, Lusine Danakian, Tony Guerrero, Dax Herrera, Justin Ho, Danny Kazachki, Jean Kim, Scott Payne, Daniel Perez, Bill Therien, Jim Vargo, Philip Venturelli, Amy Vu, Jacob West, Andrew Wright

WOMEN'S SPORTS



Above: Linda and Amy Dullard block for Jen, Amy snaps with Nita playing receiver, and Jen throws with Kara and Amy on the line.

Sides: Nita and Mandy in ultimate.

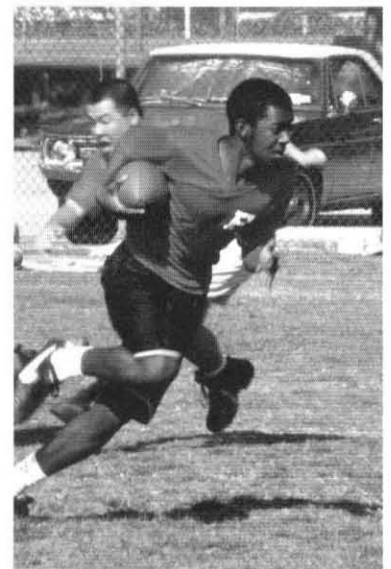
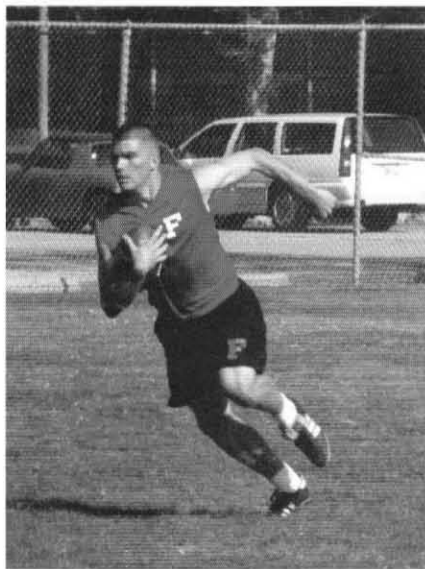
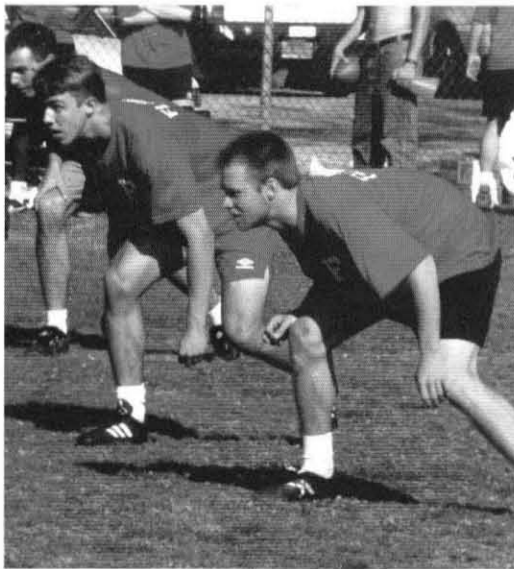


Below right: Corinne, Lailani, and Carrie in soccer vs page.

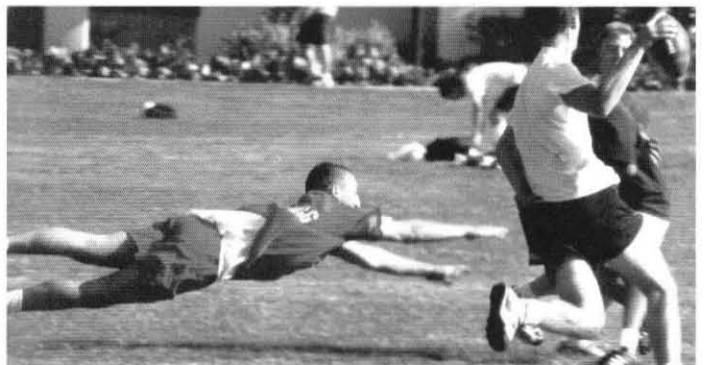
Below: the women's soccer team: Corinne, Linda, Kara, Laurie, Joanne, Jean, Amy Vu, Caroline, Nita, Lailani, Jen, Carrie, Tina.



FROSH FOOTBALL



Above: Brian Hardy and Brad line up, Craig runs, and John runs.
 Right: Craig makes a diving catch, Tony goes airborne to make a tackle.
 Below: Brad snaps to John while Craig gets ready to flatten somebody.
 Below right: Sunny and Brad on defensive line.



HISTORIAN
 Corinne Gilliam

ASSISTANT HISTORIAN
 Carrie Bunce

THANKS TO
 Chris Brooks, Elisa Chiang

Lloyd

The year started off with Klejda making sure the entire freshman class knew that Lloyd House was the booty house. The year ended with Tom Brokaw making sure that the entire senior class knew how great their grandparents were. In between came lots of work for everyone, sleep for no one, an afro for Andy, and Dave naked for way too many people. But first came rotation and the frosh. Then rotation went away, taking most of the frosh with it, but leaving behind forty sorry ones who hadn't been too scared by Tilford (they were sorry frosh without even a house, but at least they weren't lamps) and who had no place to stay. So we decided to kick most of the sophomores off campus and let the frosh stay with us. It turned out to be a pretty good deal. We got the sexiest man alive, all the Chocolate Covered Clayton Oteys[®] we could handle, a voice like knives, the "Master Race" Morganson, Serena de, the calzone eating champion of the world, and we didn't get Omar.

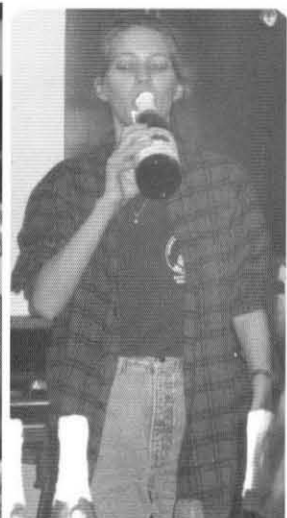
Some of the frosh became part of the proud tradition of Lloyd House softball. Not only did Lloyd win interhouse softball again, but almost as importantly, Page did not win interhouse softball again. Many other athletic events happened, most with little or no nudity. If you didn't play interhouse, you still had to play hockey because Dave made you.

You could always find a party 1st term. Maybe it was with a bunch of Darbs at the quads or maybe it was at Club 129, but either way you had to double check that the chick you were talking to didn't turn out to be some drag contest reject. Some beer bottles were stolen, and others came raining down into our courtyard. Cynthia auctioned Andy off for some change and stale candy that Adrienne found between the cushions in lower crotch. But at least everyone except for Andy survived first term with some self-respect.

2nd term came and the hot tub was still broken. We went on ski trip and to other houses' parties. Jaideep and Alan moved off campus because Lloyd House could not contain so much power in one room. Matt brought his lie detector onto the radio and Bird used it to find out the dirty little secrets in everyone's sex lives. Excomm experienced a changing of the guard. In were Matt, Ellie, Meghan, Sandip and the rest. Andy, Tim, Michelle, Dave and their crew were out. Michelle turned out to be way out.



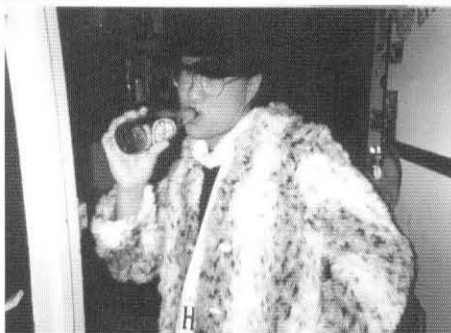
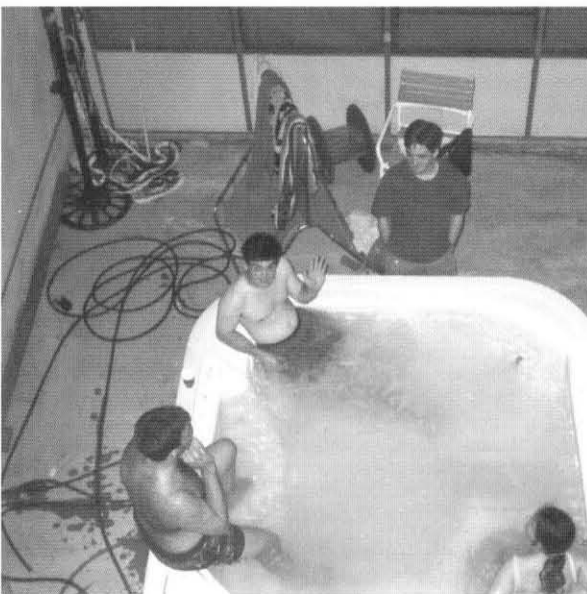
We never said that we didn't have oddballs in the house like Til, two carefree smores, Trae and Steve, before tech crushed their souls and Daina having fun in the playground during the picnic, the frosh lighting up Millikan for the holidays, card playing got really popular, Jaideep posing for the camera, Megan becoming the new social director second term, party in 129 with Laura, Jason, and Pei.



House



The Intimidators looking all bad-ass, Paul in his crazy fur coat, Curtis, Sara, and Matt in the hot tub while Bird watches, Andy getting trashed by a very happy Pete, the traditional welcome into Lloyd House.



Luckily, 3rd term came along with several larger than life heroes to save us from monotony. Aaron Kuzin appeared briefly, but long enough for him to throw everything they gave him farther than anybody for track. James Bond came, too. At first he stayed in Damian's room, but he ended up hanging out in the lounge for most of the term. Darth Maul even came by for a day or two, but no one could find Sandip to tell him he had arrived.

Klejmama was in charge of dinner, which was louder than normal because of all the fire engines. Pete cleaned up tables faster than Jaideep, and then killed him with the freezing point alcohol float to make sure that he would have the ultimate power during dinner. When the prefrosh came to dinner they wanted to know what Lloyd house was about. We told them it was about smoke bombs, supersoakers, dinner roll projectiles, and gas masks.

Caltech's first boyband, 4-Real, asked the question, "Do you remember when we used to make sweet love all night long?" No one did, and soon the group disintegrated as stories about drug use, trashed hotel rooms, former baywatch cast members, and solo careers began appearing. Airband started out as a lyp-synching contest but by the end it had become a milk-vomiting challenge. Before it had ended one of the judges was permanently scared away when Valhalla started strokin'. Despite all of that Brittany Spears gave two great performances. That was very nice of her considering how much she had been stalked during the term.

Either you understood "Ec 11! Ec 11! Ec 11!" or you didn't. Everywhere you looked you either saw Alex Shieve or some English girl, or both. A mutated, three-breasted woman was found in the sand during Beach trip, and the perverts who created her were never apprehended. A couple people went surfing, and you better believe they watched out for Larry. Paul Kim desperately wanted to know what the Matrix was, and Rachel told him it was a big party.

So, hopefully these two columns will help you remember the 1998-1999 school year better when you look at this yearbook thirty years from now. You might find yourself asking, "Was it all just a surreal dream?". The answer is no. It was real. Trust me, I was there.

The Lloyd Historians
Laura & Ben



The Seniors in 10 Years

Clockwise From Left: Klejda Bega, Paul Kim, Bret Victor, Adrienne Bourque, Andy Laucius, John Meacham, Eric Bogs, Mathew Bachmann, Aaron Oei, David Williams, Emma Goldberg, Jason Roth, Xavier Fan; Not Pictured and Successful: Joseph Blitzstein, Kevin Bradley, Brian Frazier, Cynthia Gong, Laura Gosset, Aaron Higgins, Neema Jalali, Vincent Lin, Vladimir Mitsner, Dan Muresan, Michael Ontiveros, Yongkai Ow, Charles Smith, Kara Swedlow, Christian Tapus, Dela Tsikata, Louis Wang.



Juniors by CK

From Left to Right, Standing: Daniel Rogstad, Aaron Kuzin, Damian Burch, Peter Frazier, Mark Tilford, Rachel Gray, John Hatfield, Peter Maresh, Selwyn Scharnhorst, Kevin Richberg, Eleanor Park; Kneeling: Mathew Sullivan, Megan Linnehan; Not Pictured: Christopher Brown, Keshav Dani, Sandip Darji, Chris Eppstein, Marc Gustafson, David Hiller, Eike Jens, Nathan Jones, Melvin Leok, Daniel Levy, Timothy Reed, Alan Rosenwinkel, Amanda Schaffer, Stephen Shepherd, Jaideep Singh, Steven Wolf, Roussislava Zaharieva.

From Left to Right, Front Row: Megan Linnehan, Eleanor Park, Daniel Liebling, Pei-Hua Hung, Sandip Darji; Back Row: Anthony Griffin, Mathew Sullivan, Eric Tuttle, David Antonio.

Excomm

From Left to Right, Standing: Pei-Hua Hung, Eric Tuttle, Tim Elling, Laura Brogoch, Jane Garrity, Jit-Kee Chin, Ben Solecki, Anthony Griffin, Jessica Wu; Kneeling: Travis Hime, David Antonio, Dave Gagne, Samantha Bench; Breakdancing: Stephen Bird, Ewa Matejska; Getting Jacked: Joseph Schaeffer; Locked Up or Not Pictured: Meredith Alden, Mark Arnesan, Vlad Fedorov, Derrick Hasterok, Vit Hradecky, Mohana Kumar, Loban Rahman, Mathew Reese, Aspen Richter, Melinda Turner, McHenry Wallace, Chia-Jean Wang, Paula Whitten, Yvette Winn, Jinyi Yu.



Sophomores

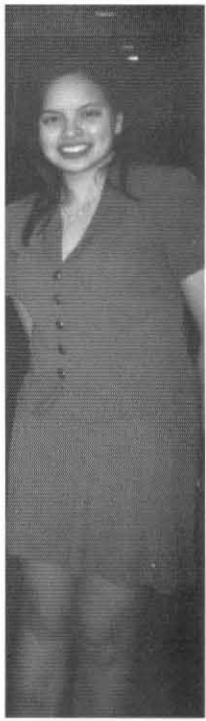
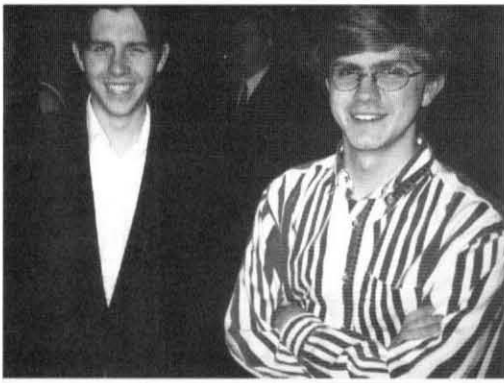


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Frosh

From Left to Right, Standing: Gilead Wurman, Florian Merkle, Julie Norville, Thea Lu, Josh Den-Hartog, Anthony Sowinski, Vivek Chandran, Lakshminarayan Srinivasan, Ryan Mack, Agedi Boto, Clayton Otey, Eric Morganson, Wes McCullough, Douglas Baker, James Dennedy-Frank, Den Thap, Serena Eley, Frederick Eaton; Kneeling: Mysterious Stranger, Rachel Dexter, Michael Shulman, Benjamin Lee, Sara Quan, Cesar Gonzalez; Reclining: Ariele, Daniel Liebling, Daina Paulikas; Pose Unknown: Vijayanthi Balaraman, Herman Chow, Deborah Eason, Leah Fox, Yelizaveta Gorstko, Nadia Haq, Helen Hosein, Katharina Kohler, Christophe Maquestiaux, Curtis Pehl, Michale Russo, Nicolay Tanushev.



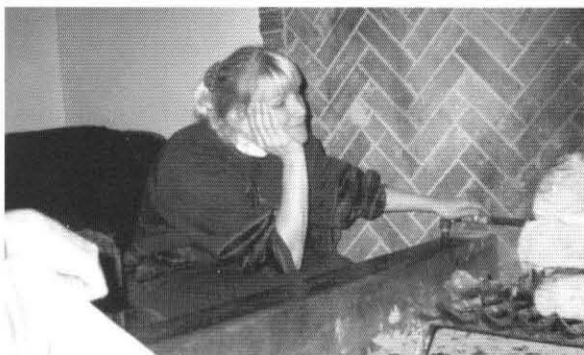
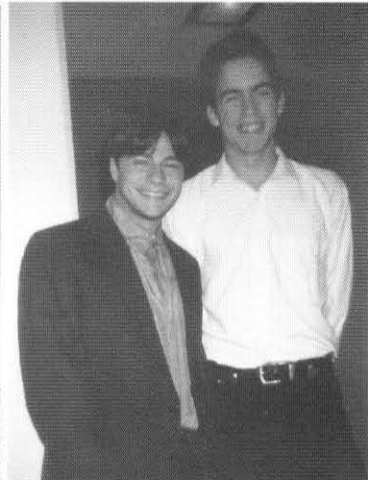


A new tradition at the Lloyd formal dinner, Crispy, Shep and Wolf, Leah and Wes, Kat, Ewa, rare photo of Melinda.

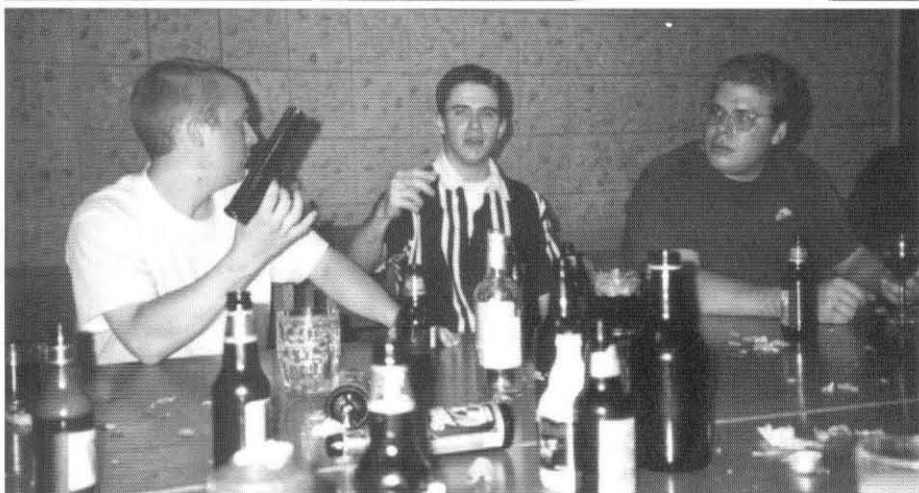
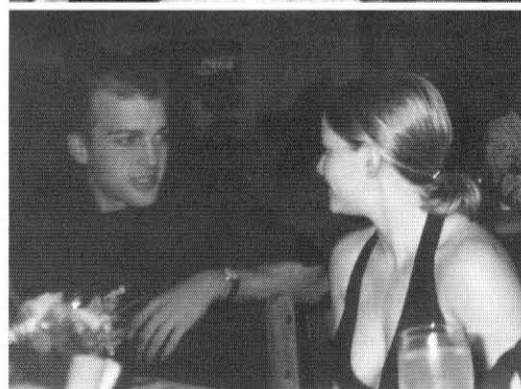


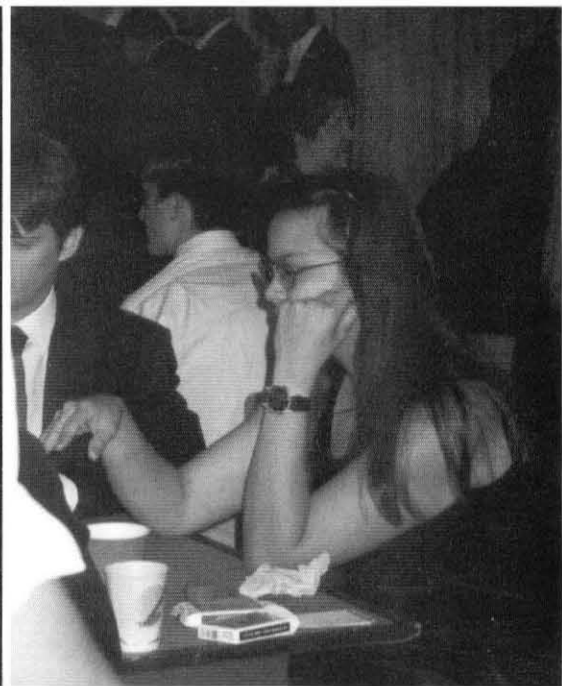
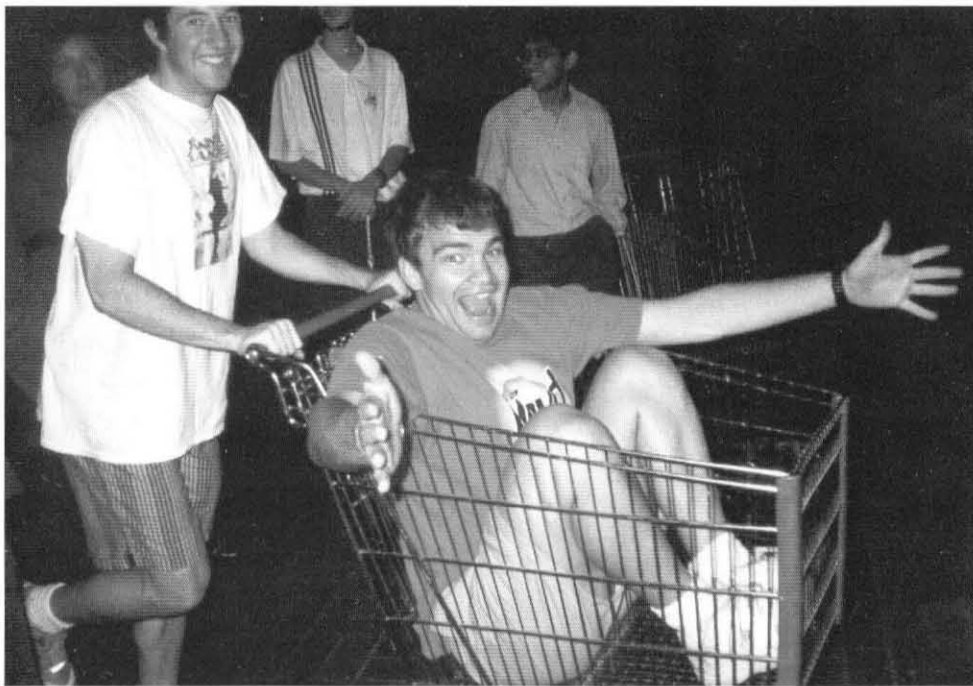
It's Nadia worshipping Matt, and a whole table of Lloydies (and their dates) at the ASCIT formal.



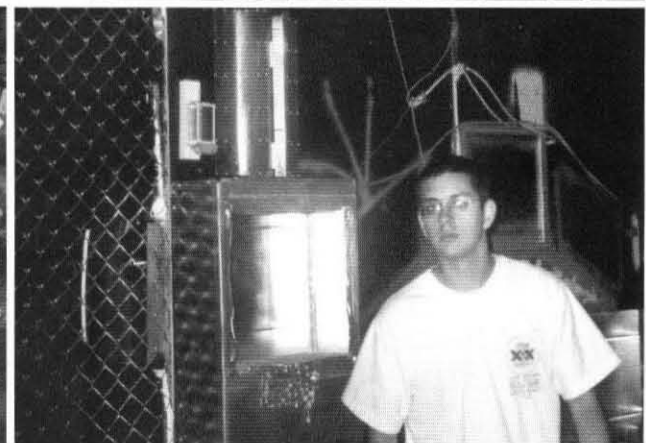
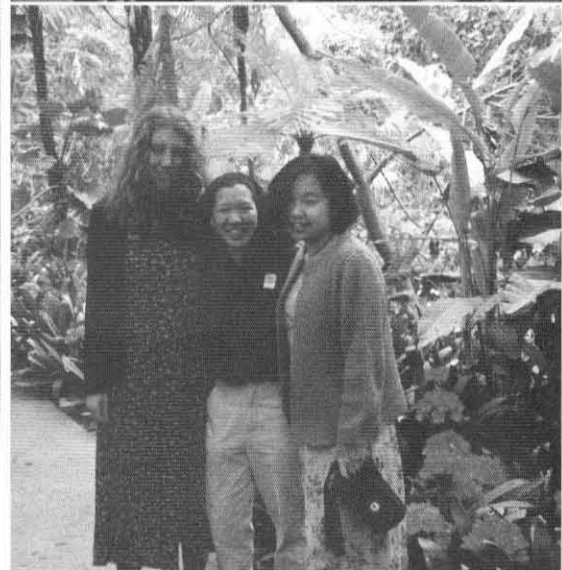
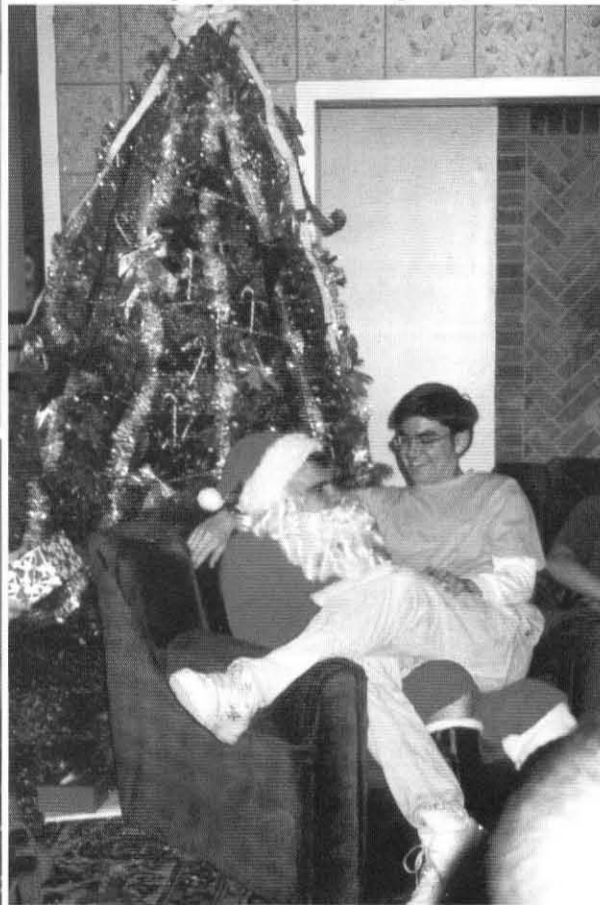


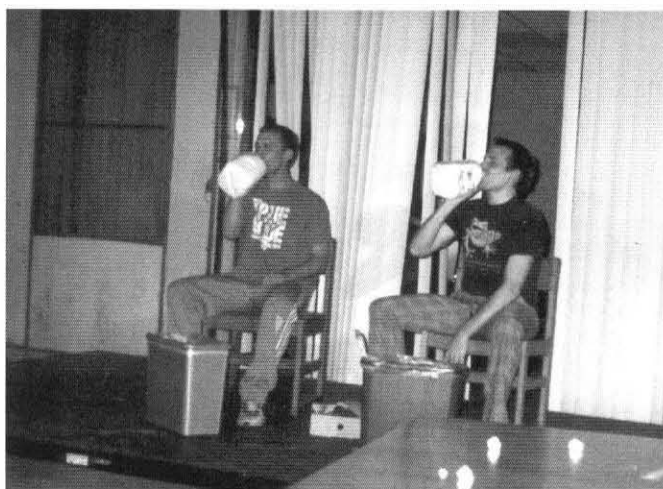
Kai all dressed up, Nick and Christophe looking spiffy, Dan(iella), hangin out after Apache, Chris and Paula at a formal dinner, Ute by the fire, Florietta looking for action, drunk guys singing loudly and out of key in lower crotch, roomates Serena and Sara up to something sneaky, and a drinking game in the dining hall.



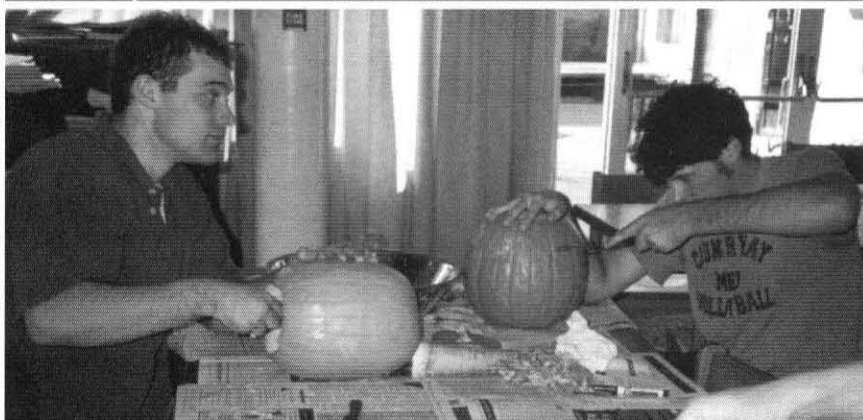
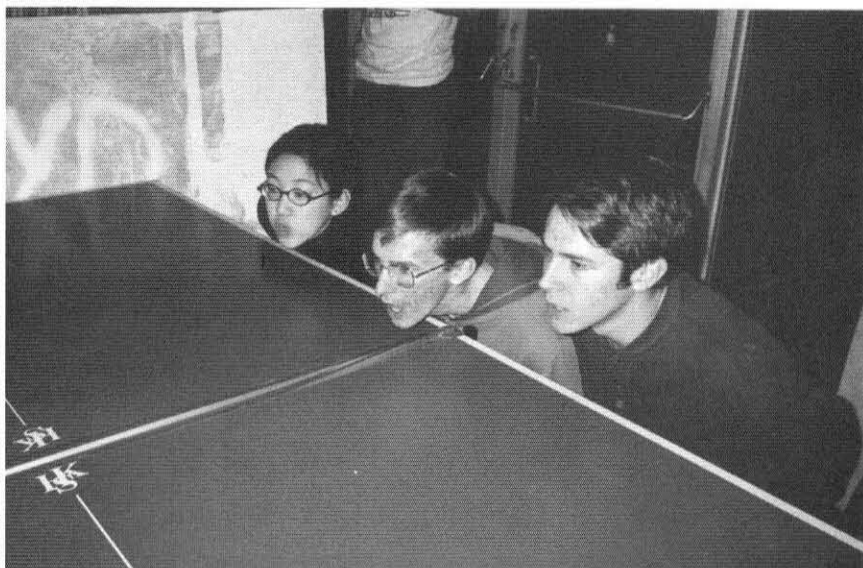


Bowling with Curtis, Casino night, Secret Santa, Tea at the Huntington, ski trip, building 'the Matrix'.



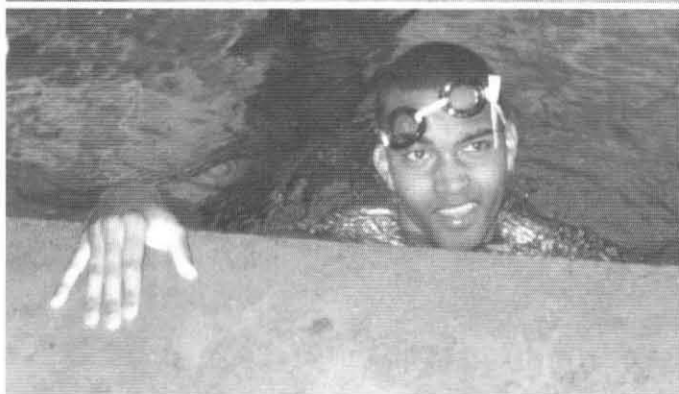


All the seniors dressed up at Tommy's, Eric Bogs as the new German female singing sensation during airband, Pete and Alex having a puking contest, Helen being a diva, Ellie, Joe and Eric during blowpong, Ancient Rome, Pete and Trae going head to head in the pumpkin carving contest, some of the results.

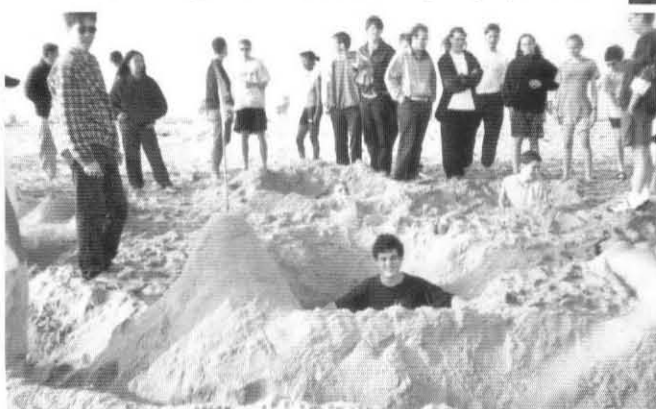


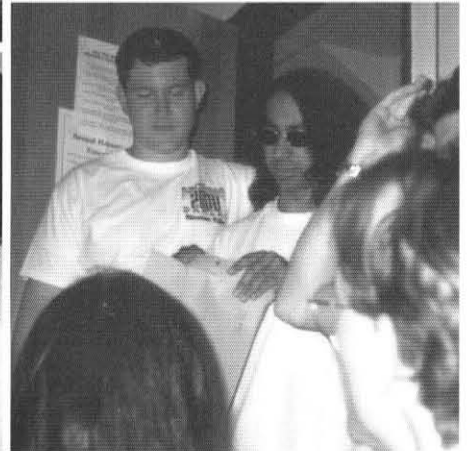
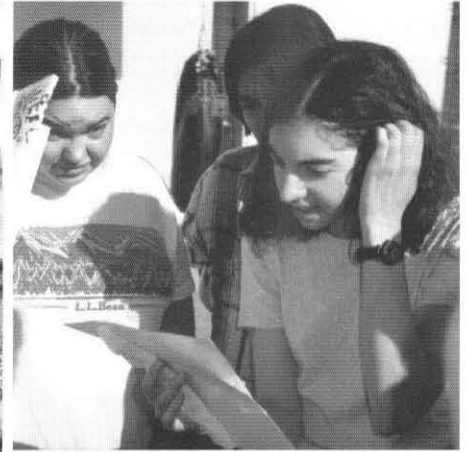
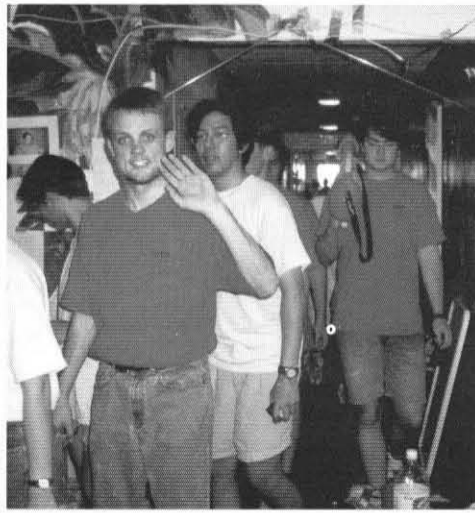
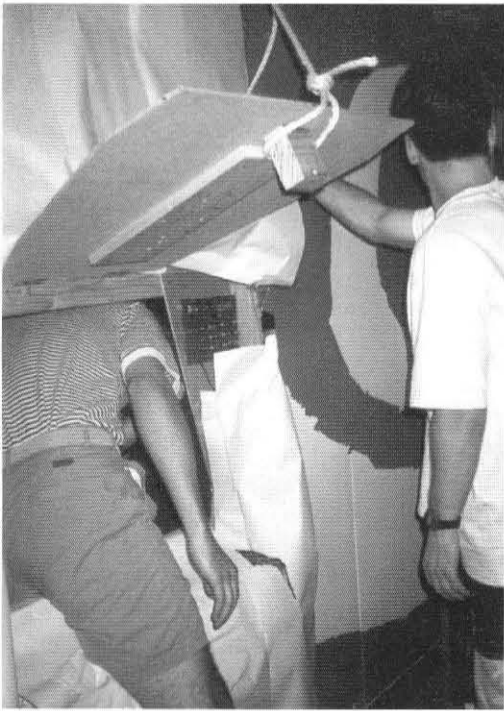


People playing football, Agedi in the pool, Dave swimming, Ben looking kinda cold, Ellie being happy, Matt, Dan, and Pete on a softball field, and more action from soccer and football, with Kevin helping out in both sports.



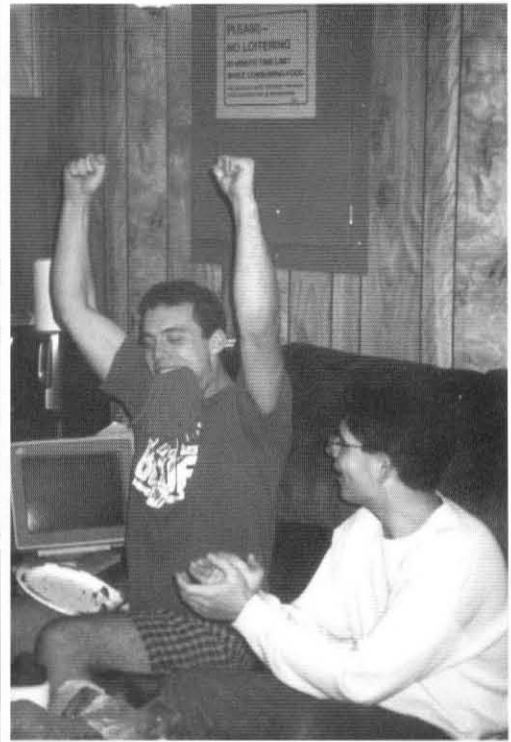
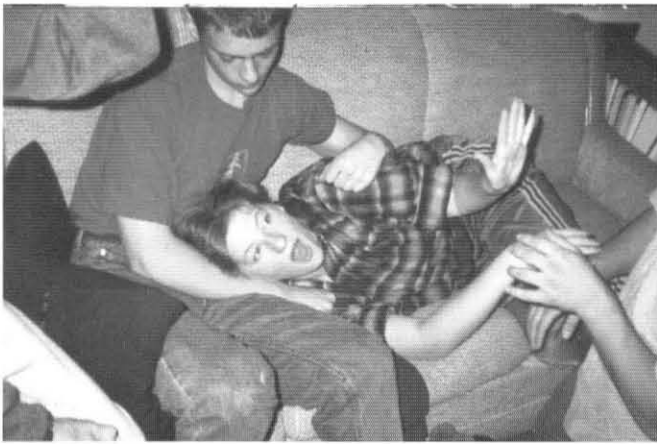
At the beach, people dug a whole system of tunnels, Matt is crawling out of them. Some lonely frosh males made a woman, Dinah got buried, and others just played cards.



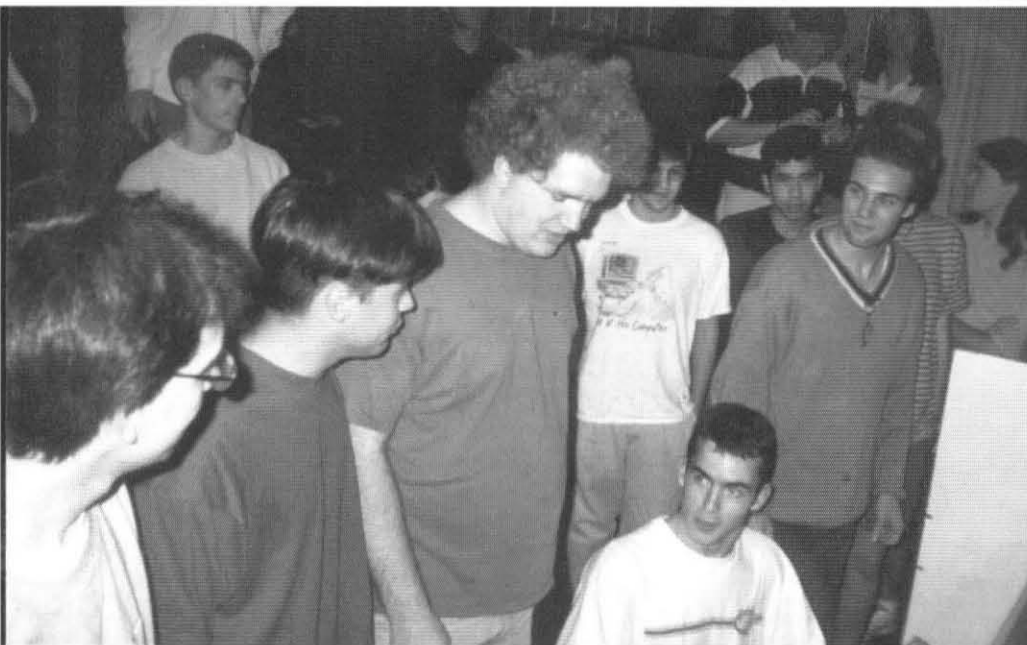


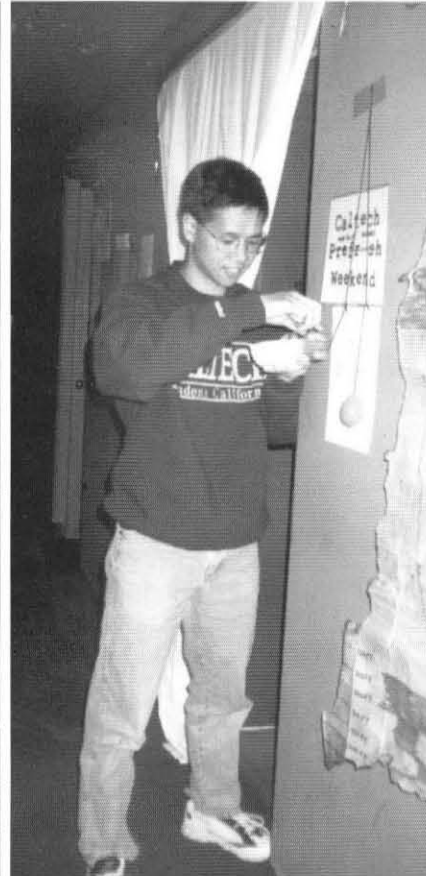
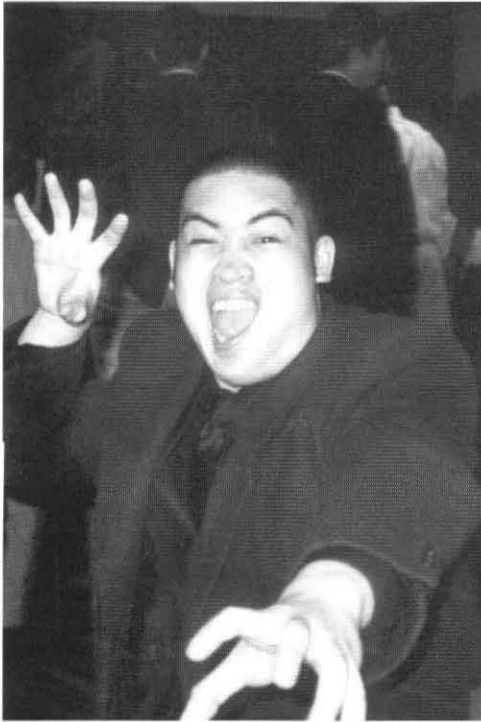
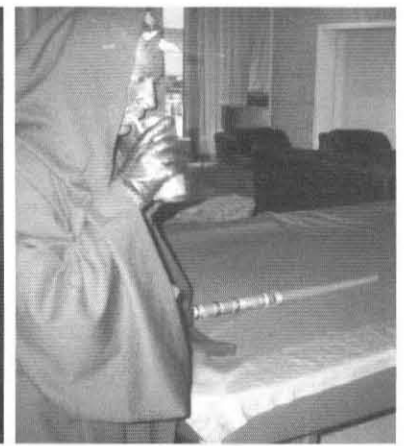
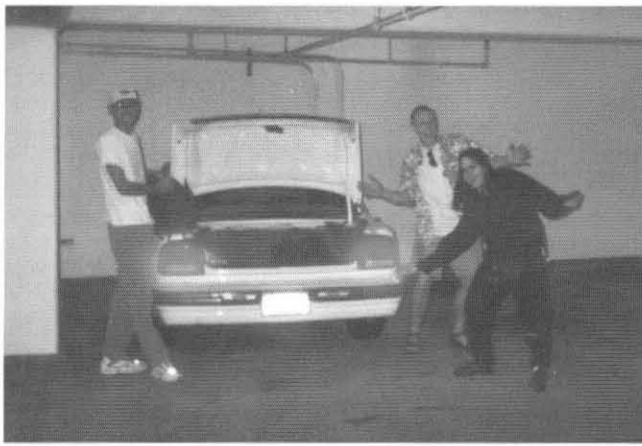
Ditch Day was May 17th. Lloyd stacks included Buckaroo Banzai, Spy vs Spy, Elite Corps Earth Sentinel, the Secret Life of Walter Mitty, the Curious Sofa, and Beer.



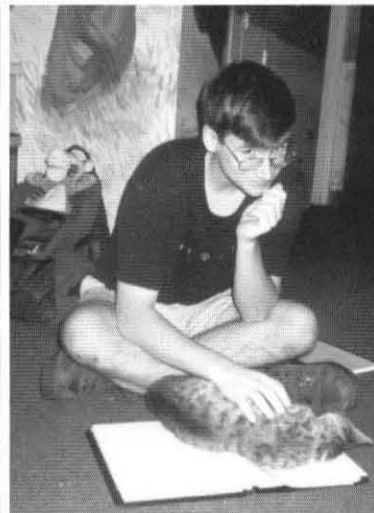


Rachel all crazy, Dan's half beard, Pete with 69 red vines in his mouth, Xavier and Ellie on ski trip, Matt for president, Crotch, Marc and John revealing lesbian tendencies, Christopher must be doing something cool because all those people are watching him, Matt's room full of styrofoam, Aspen playing with blocks, hanging out in Headquarters.



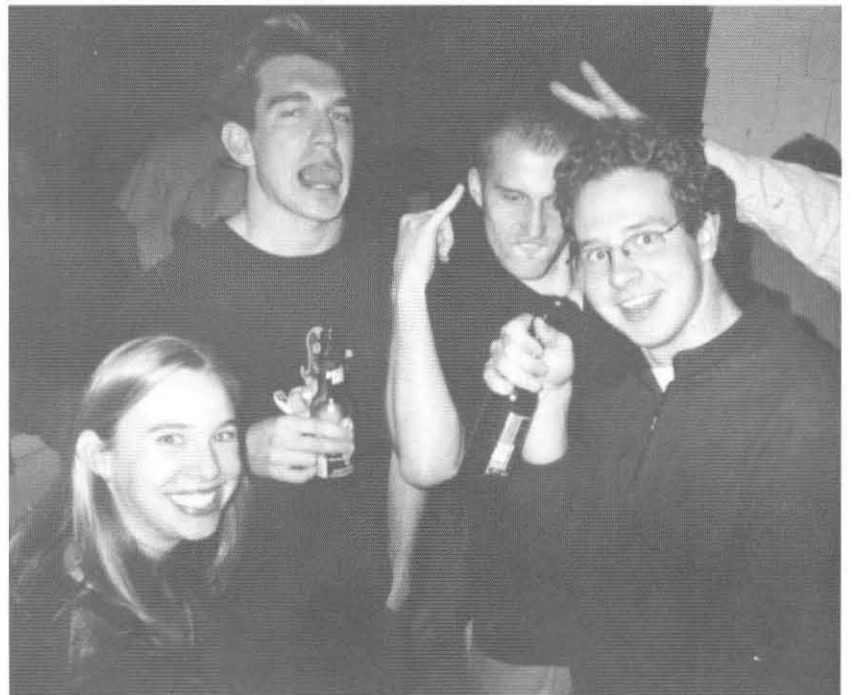
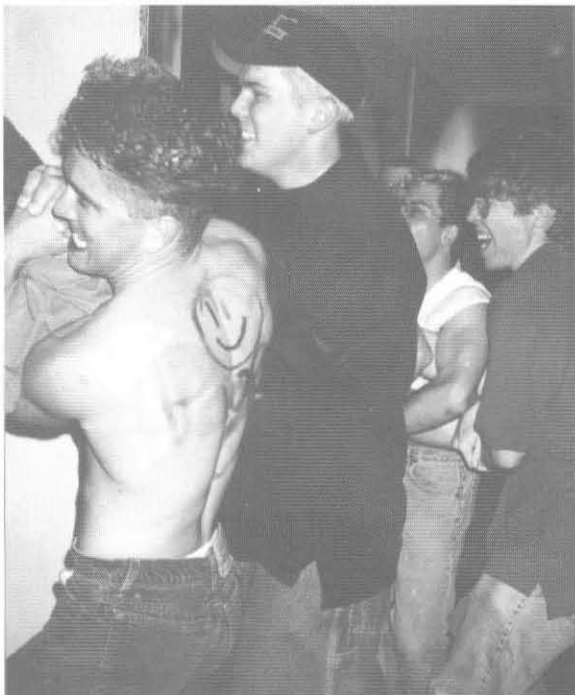
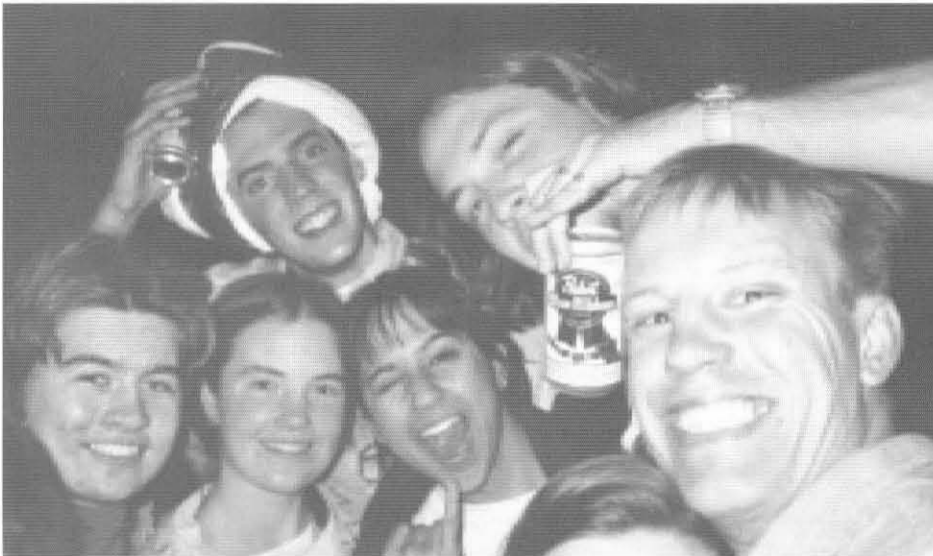


Dancing around a car, a beer hoarder, Brian, Darth Maul, Adrienne making porn on her computer, Xavier poisoning the prefrosh, Dave, Ben, Trac about to do something to powerless Daina, Clayton narrowly misses becoming Ricketts House dinner, Dave playing with a kitty, Selwyn in Valhalla.



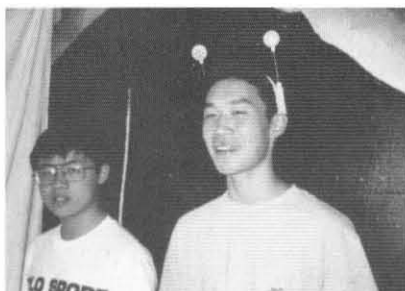


PAGE HOUSE



FRESHMEN

L to R: Kristen Cooke, Jeanette Hagen, Dana Ionita, Amy Kelly, Albert Nguyen, Nalini Colaco, Jen Tung, Karen Lam on top of Ben Kalenik, Robby Metcalf, Gabe Wenz, Dustin Boswell, Al Valdivia in front of Aaron Davies underneath Brian Palmer, Angela Snow, Giao Hang, and Wendy Ching.

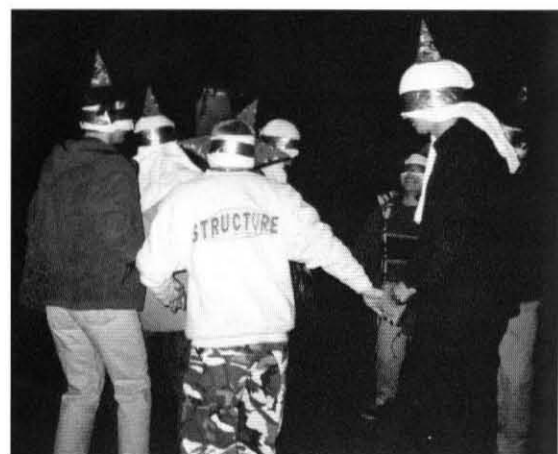


"That guy smells worse than my nuts do."

--anonymous about anonymous

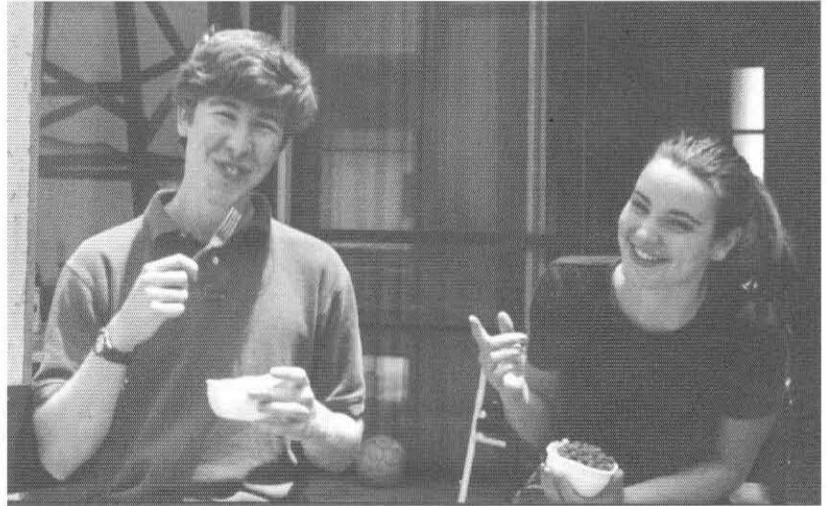


We got frosh in line, we got frosh in Fleming, we got frosh in shopping carts, we got frosh half-awake, frosh triplets, and frosh in front of helicopters. Guess which one is Robby.

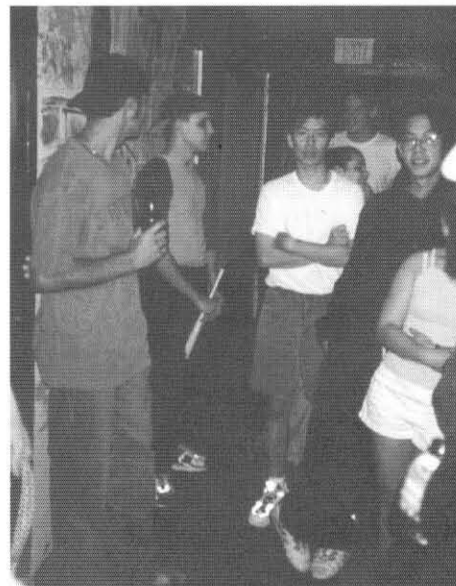


SOPHOMORES

Clockwise from Top: Matt Higbie, Paul Novak, Ben Kulick, Luis Saenz, Dominika Rytwinska, Boris Axelrod, Jim Chang, Sean Pintchovski, Ron Alterovitz, Alan Brothers. Playing with their food: Micah Sittig and Heather Graven. Best friends Caroline Lim and Susan Sher. "Hey, Czech out the chef."



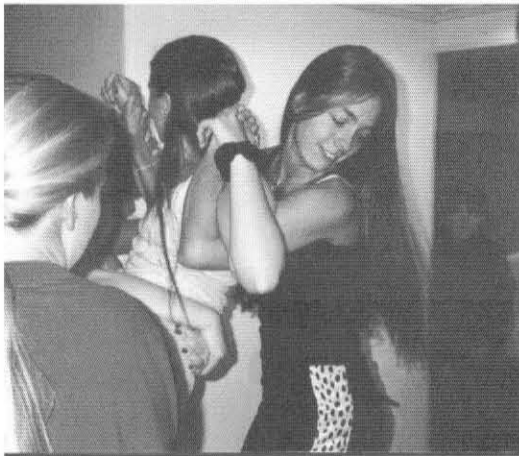
Tim Buschman and Joe Chang get rough in Page House: The Ride. Below: Beating the ratio at the ASCIT Formal.



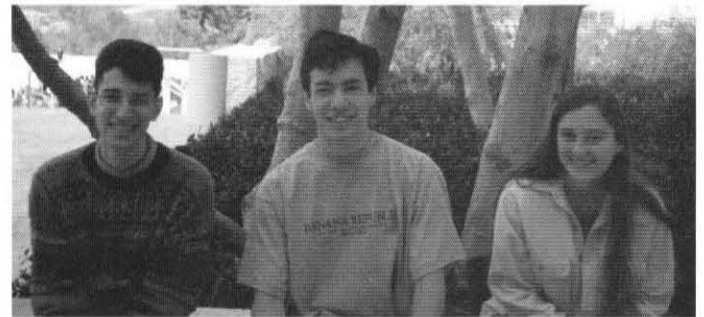
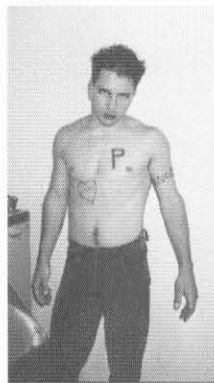


JUNIORS

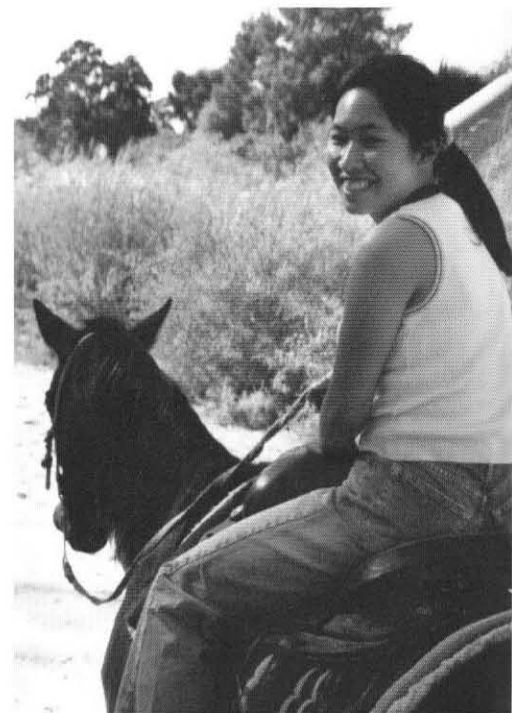
Back: Jacob Lacouture, Max Kullberg, Garth Conrad, Sophia Xiang, Ricky Tong Middle: Mark Hammond, Ron Dollete, Marie Fox's head, Albert Hsiao, Richard Castro, Sue Hsieh. Front: Brian Collins, Dale Parkes, Jessika Canizalez, Sueanne Lee



Erika Swanson, Greg Fricke, Ricky, Jackie Liang, and Richard are ready to do damage. Ron just thinks he can do damage.



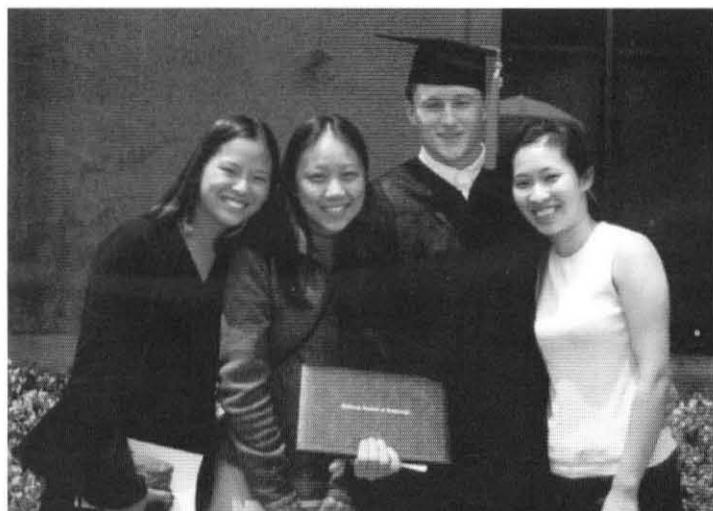
Mark, Scott Carnahan & Marie at the Getty Museum. House Hoochie Lisa Hung below on horseback & Ming Chen at the beach.





L to R: Koen Verbrugghe, Joanna Dodd, Mike Fisher perched high above Lisa Biswal, Grant Williams obscuring David Hackenson, Matt Johnson, Angela Lin in front of Carolyn Chan, Samuel Lee, Janice Yeung, and Viet Tran. Below: Fucking Bastard, JoJo, Leesa, and Prime Time. Right: Matt Gregori and Dave Goulet share some man butter.

SENIORS



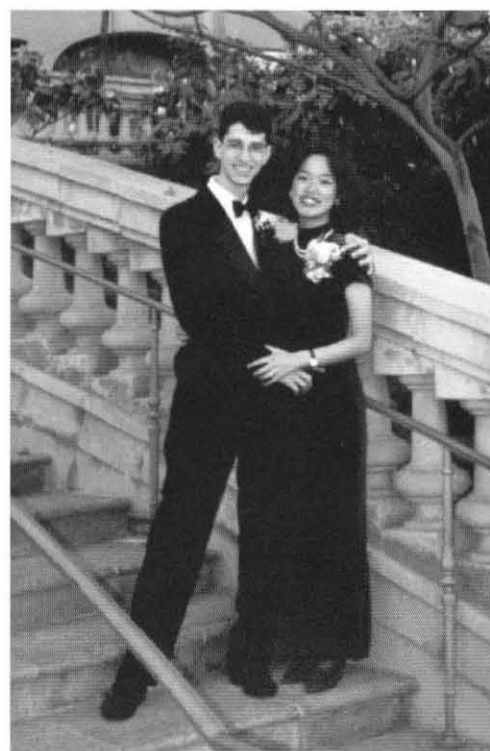
DRESSED TO KILL



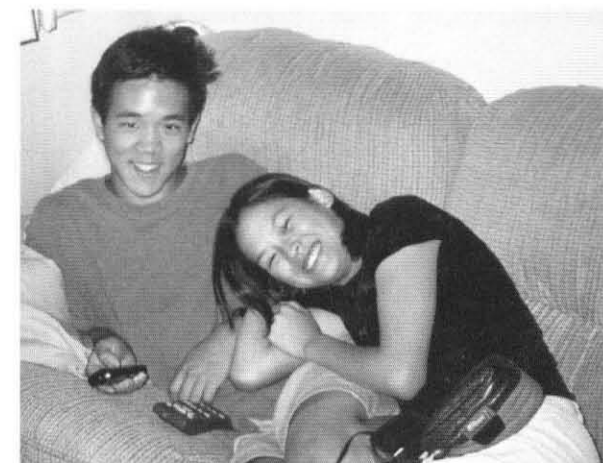
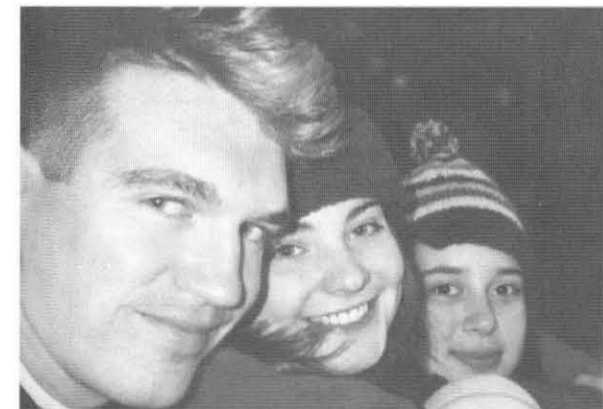
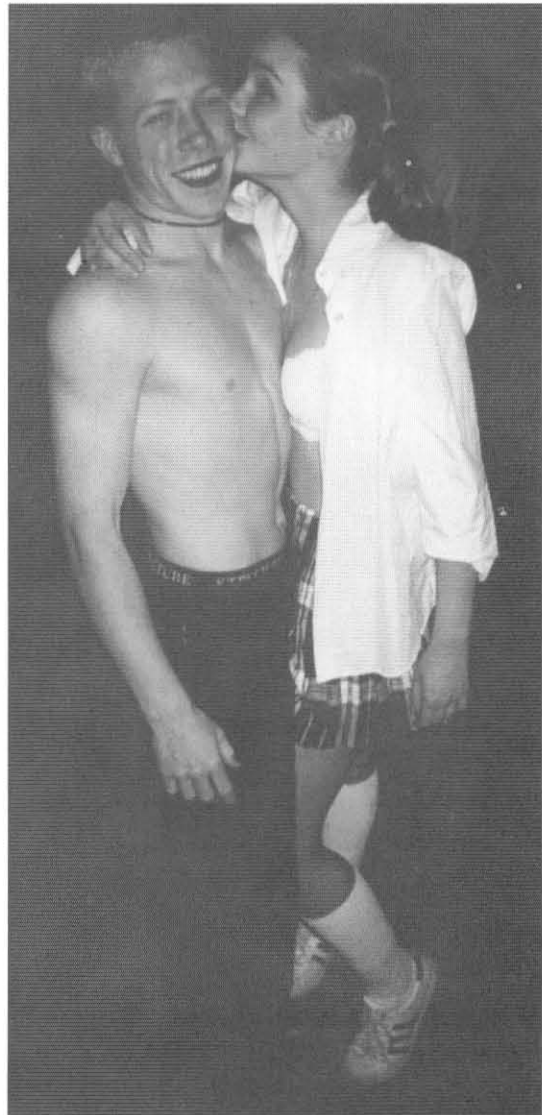
Puttin on the Ritz: Alan & Nalini, Nick & Nita, Matty J & Liz, Paul & Dvina, Dale & Marie, and Grant & Jen. **What a drag:** Nick, Paul, Max, Fish, and Dustin. **Below:** Kristen & Jeanette, Lisa Hung, Sue, Lisa Biswal, Karen & Joanna.



Below: Daniel Kim, Susan, Felix Ng, Sophia, Albert, Ricky, and Caroline. **Right:** Mark & Ming



NOTHING BUT LOVE



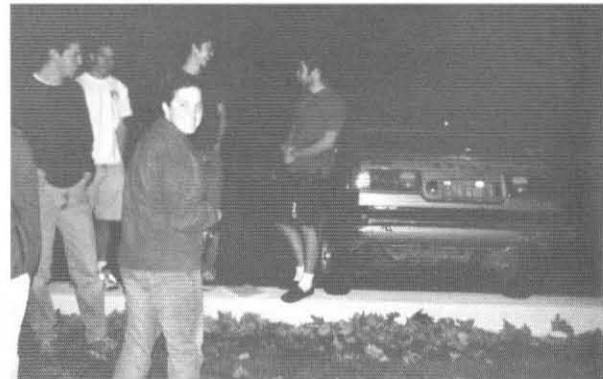
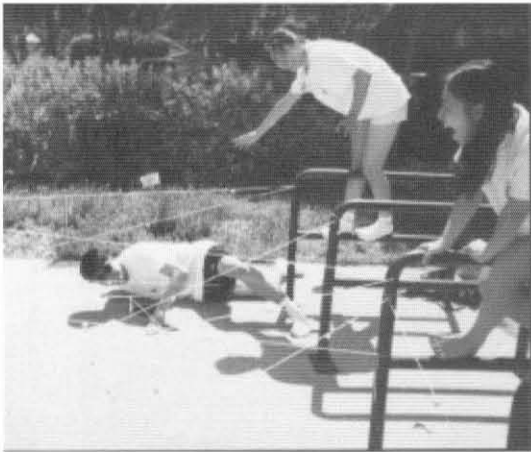
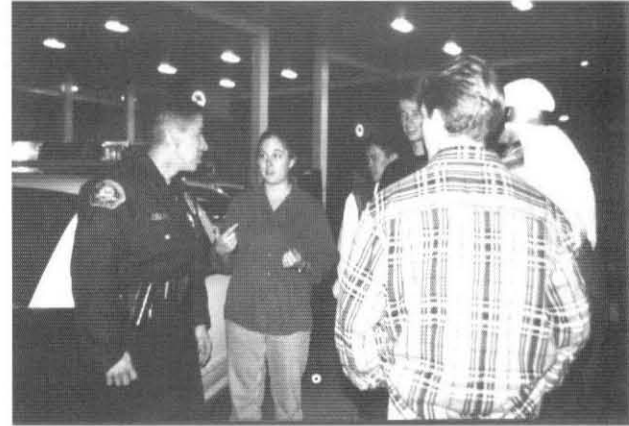
Erika and Heather make dessert, while Robby gets dessert. Matt, Heather & Jess snuggle up. Frosh campers Dustin, Dana and friends. NFL Blitzers Dennis and Jen. Wizard of Oz stackers Kevin, Melissa, John-Eric, Mike, Ricky, Sophia, Daniel, Karen, Corey, Lisa, Al, and the good witch Julie.



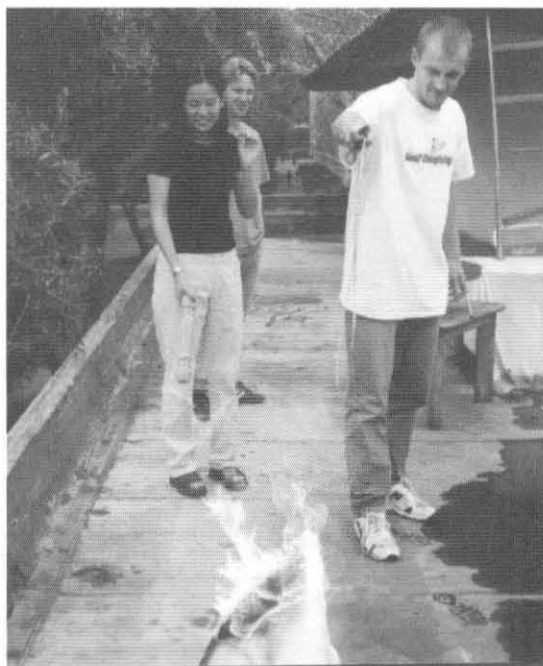
IT'S ALL FUN AND GAMES UNTIL SOMEONE'S SHORTS COME OFF.



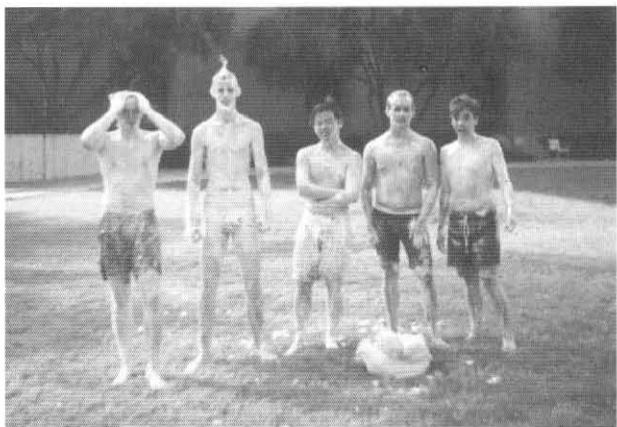
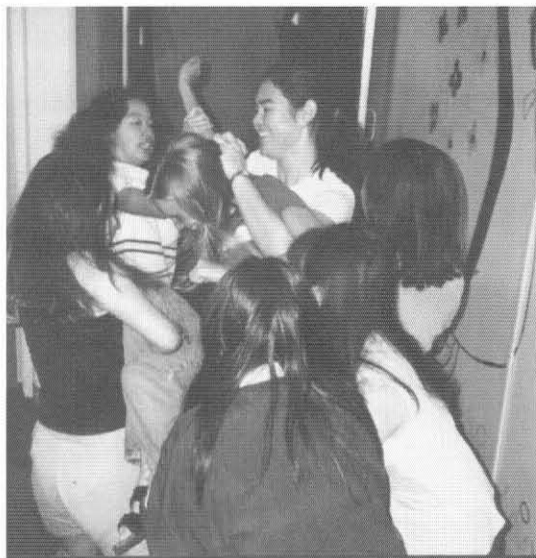
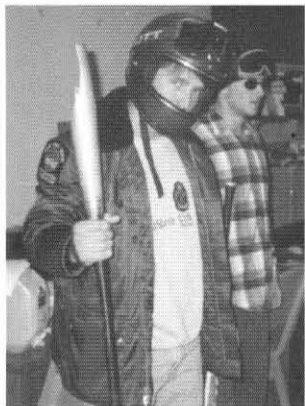
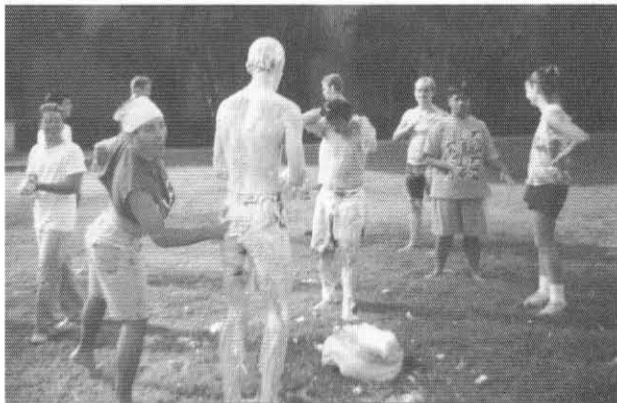
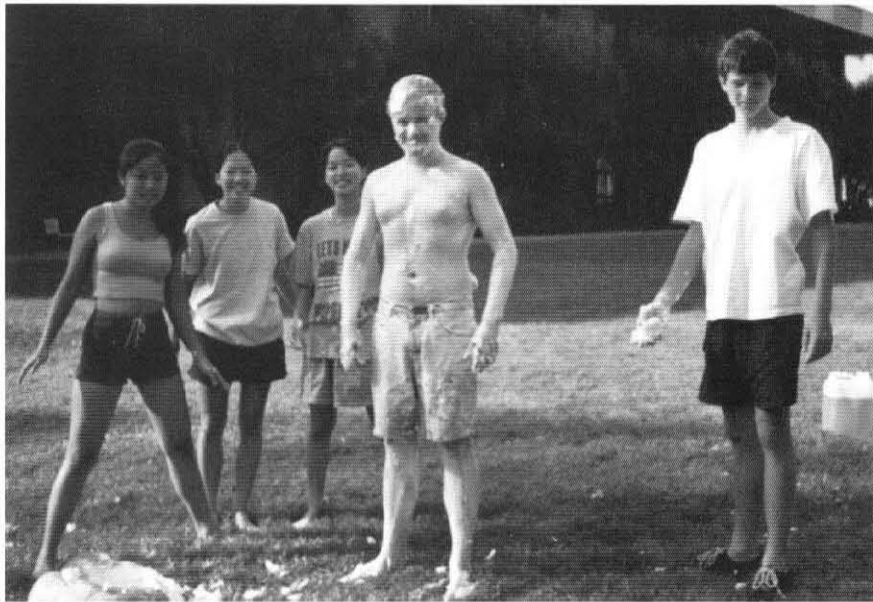
Clockwise from left: Eagle Jones, Sean, Matt, Jess, Amy & Jeanette. Oh, and Marie explains how kidnapping is all of a sudden legal.



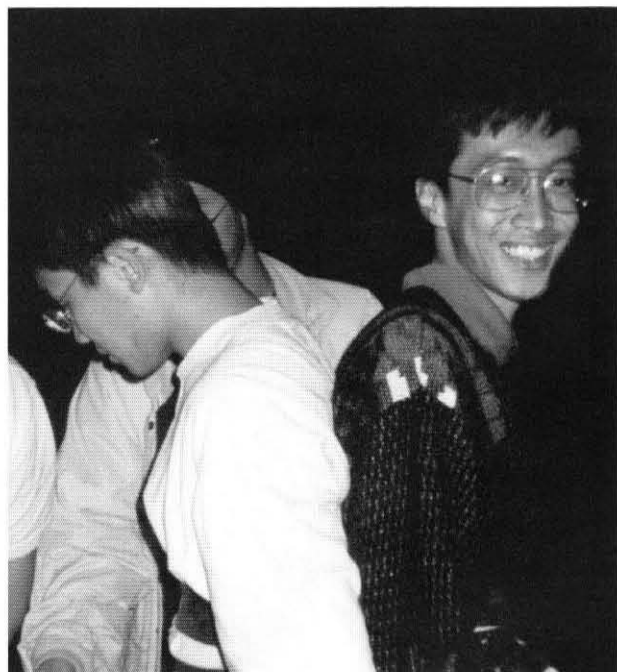
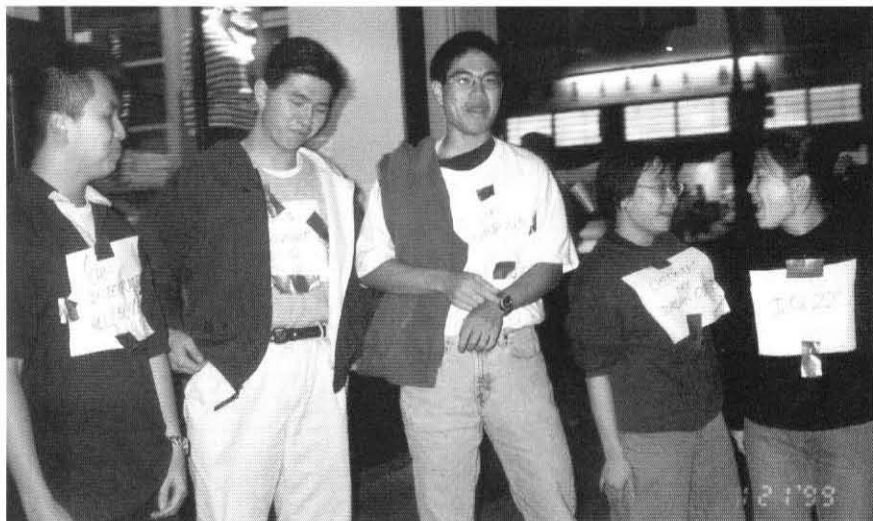
Al, Karen and Sophia on Ditch Day, Jess, Mike & Max and some dumb frosh, the adventures of Brian Collins continues, Twister in Alley 6, that damn T-shirt being burnt on the bridge, Mark and Ming engaged in some ponding, and Heather and Joy regulate at the interhouse drag contest held in Dabney.



I LIKE MY FROSH COLD, WET, AND GREASY.



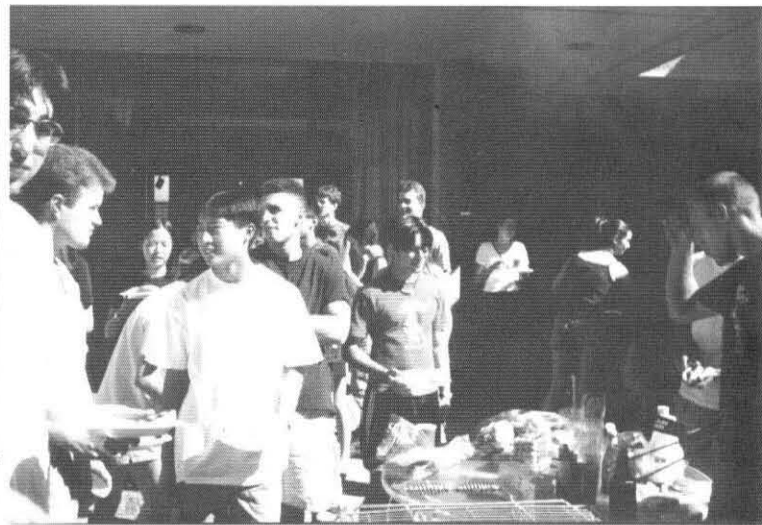
Clockwise from top left: The Alley 2 War Machine led by Jeff Sullivan, Greg grabs a piece of greasy, greasy ass. Munch officiates while some frosh gets dogpiled. Mike (Alley 1), Brian (5), Josh (34), John-Eric (6), and Al (Al) strike a Crisco-laden pose. And honestly, nothing spells fun like duct tape. Or breaking bats on Ditch Day. Then again, Joanna looks to do some breaking herself. Amy, can you say "Wutter?"



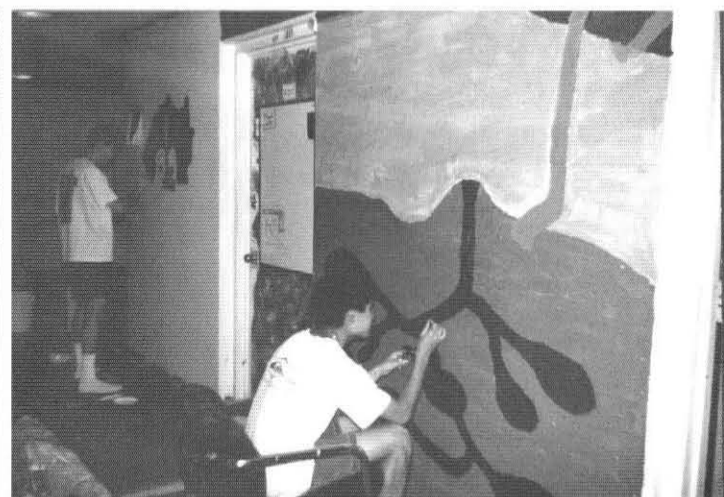
CHECK OUT ALL THE STUFF WE DID:



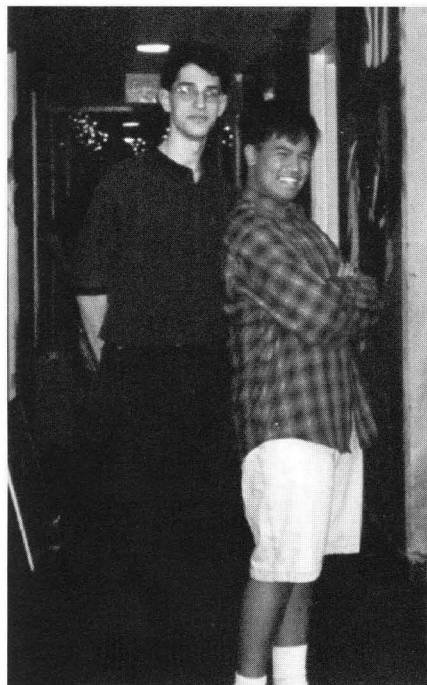
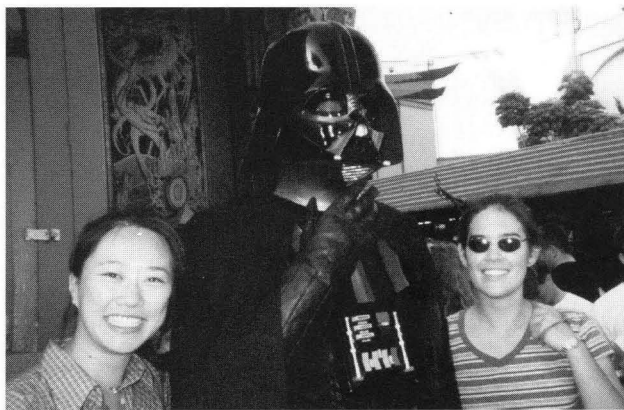
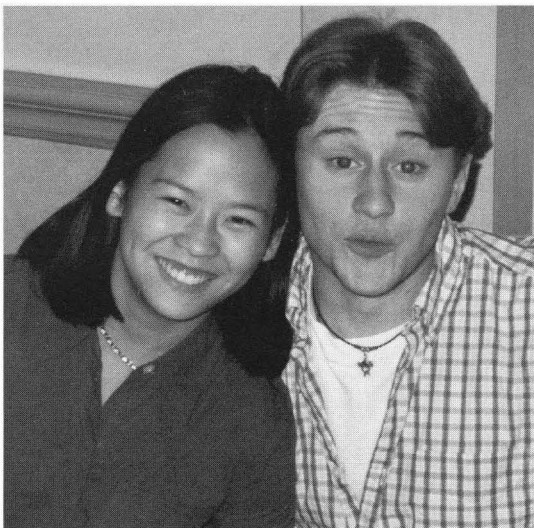
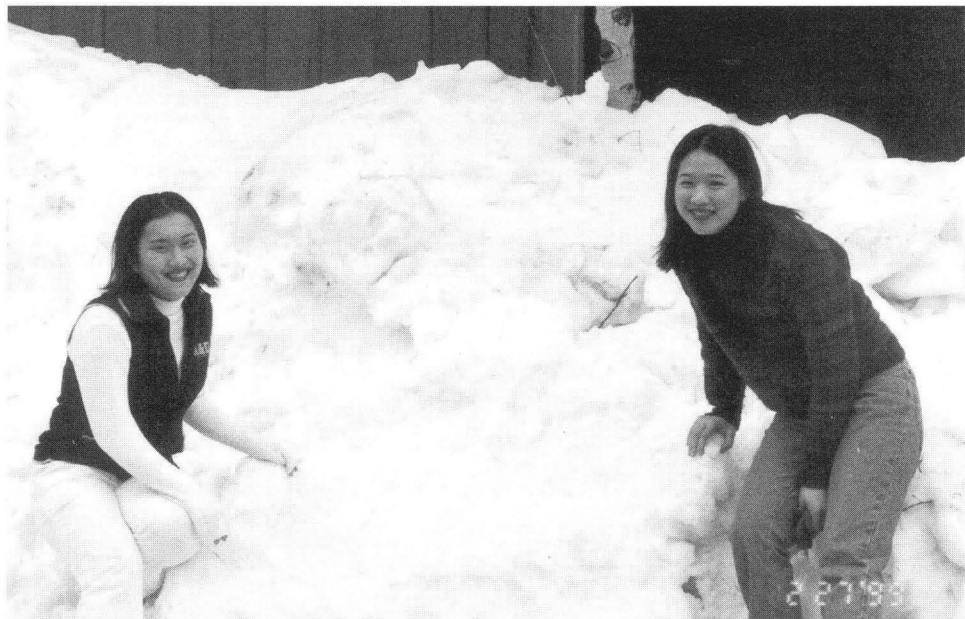
Well, there's the ski trip. We also held a soup kitchen for hungry Pageboys in need of burgers. Built a fortress (Inter-house), painted the walls (Intrahouse), got Karen's head lopped off, and went to Ralphs to buy Depends.



The victorious Womens Football team: Sue, Heather, Jeanette, Karen, Jen, Nalini, Kristen, Amy, Marie, Sueanne, Joanna, Lisa, Ming, and Chantel (ringer). Number of sacks by Nalini and Ming: Six. Number of safeties: A lot. Number of really angry redheads: One too many.



MAY THE WORK BE LIGHT,
AND THE DRINKS BE HEAVY!



The Social Mecca of the Western World

RICKETTS



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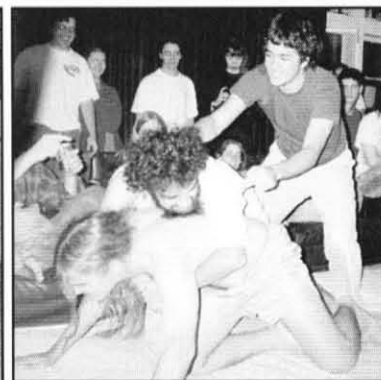
FIRST TERM

Rotation and Frosh Wash began First Term. Thirty-one freshmen and a transfer student became part of Ricketts Hovse. **Right:** The tradition of playing John Henry during Rotation. **Below, Left:** Doug is showered by Dave Hammond, Chris Brichford, Shannon Stewman, and Kevin Schulz (in back) during Frosh Wash. **Below, Right:** Andy Cotter swings in the courtyard. **Below, Far Right:** Making music in the RF courtyard during Rotation. **MidPage, Left:** After Frosh Wash Michael Pruett reads from the Book of Revelations. **MidPage, Center:** Cate, Kim, and Ben design some of the t-shirts for the new Skurves. **Mid-Page, Right:** Liz Verschell and Aspen Richter are tied together (culprit Alice Medvedeva not pictured) while Dios looks on.



Above: The Freshmen. **Standing on the Pot:** Dinkar Gupta, Beverly (Bev) Karhson, Sascha Calkins. **Back Row:** Alejandro (Alex) Erives, Aldo Navarro, John Estes, Jason McGibbon (Pedro), Benjamin Backes, Nathan Brown, Marcos Arribas-Leyton. **Front Row:** Guillermo Letona, Yuri Goldfeld, Rick Karnesky, Muhammed Yildirim, Rui Wang, Sarah Cooke, Connie Wang, Walter Richter, Jessica Heller, Erik Rodriguez, Kinsey Ingraham. **Not Pictured:** Clara Graham, Doug Lanman, Elizabeth Thomas, Emilio Castano, Gray Rybka, Jacob Zasada, Junko Ohara, Sam Yeager, Sydney Wang, Yuliya Ruvinskaya.

Right, Above: The new R.A. of Ricketts Hovse, Brian Meehan, was showered in proper Skurve tradition. Here he shows his undying gratitude by sitting on Mike Astle. **Right, Below:** Pankaj and Mike.



First Row, Left: Friday's head waiter Toby Bartels floats Roger O'Brien in the middle of Blacker courtyard.

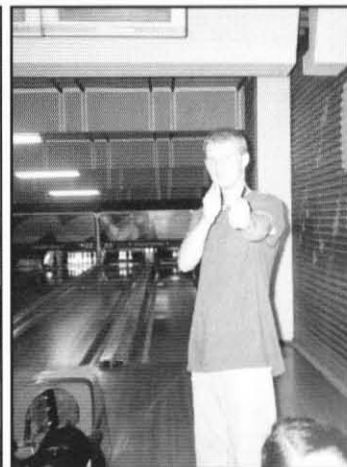
Second Row, Left: Roger later retaliates when he becomes guest head waiter. Toby is floated with dishwashing soap.

First Row, Center: Ricketts was crazy for Broomball action this year. A dedicated team played every weekend (thanks to Cynthia Gong's organization). Other less fanatical players would come occasionally. Here Marq Ellenbecker, Dave Hammond, Adam Scott, and Alex Erives are pictured.

First Row, Right: Pedro, Hitaine, and Peanut at the Second Annual Frosh Tag Team Wrestling.

Second Row, Right: Crowd reaction to new Brian's entrance at Frosh Wrestling.

Third Row, Left: Ishy carries chairs on



the way to dinner with Lloyd.

Third Row, Center: To protest the decision that alcohol at interhouse athletics was "inappropriate" Skurves showed up to their next baseball game dressed in drag. Here Liz helps Roger with his makeup. Leona and Jason Briceño watch.

Third Row, Right: Alley Challenge: Two-Holer engaged Hazzard in a game of Drunken Bowling. Josh participated.

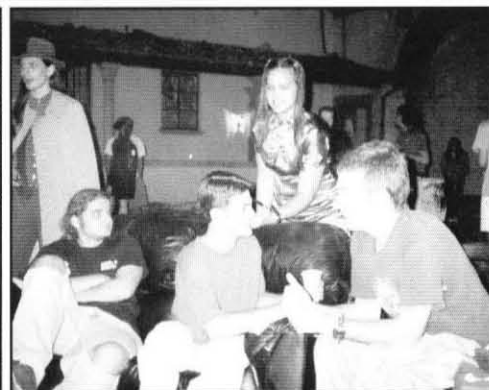
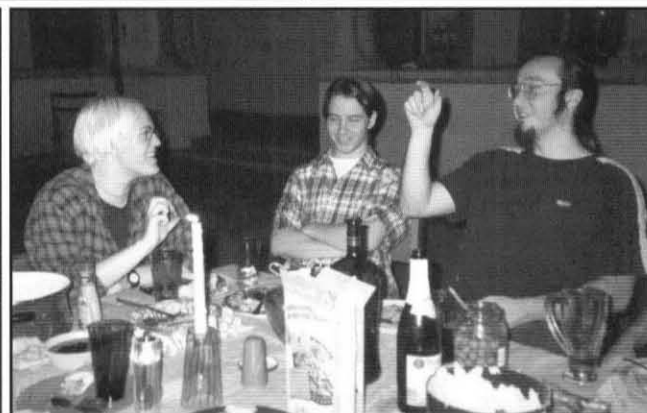
Fourth Row, Left: Ricketts Hovse entries in the Interhouse Drag Competition. Juan (Juanita) Nuno, Peanut McCoy, Ben (Tulip) Gudlewski, Leon (Leona) Torres, and Erik Rodriguez.

Fourth Row, Right: Cate Gifford, Guillermo Letona, and Mike Astle talk over Ricketts Thanksgiving Dinner.

Fifth Row, Left: Kevin Schulz and the orange cannon.

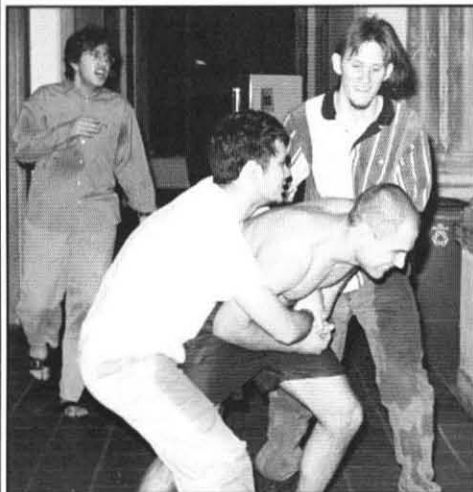
Fifth Row, Center: Ricketts Dress Down Dinner (a huge food fight) leaves Sydney Wang, Sascha Calkins, Rui Wang, and Clara Graham covered in T.F.M. goodness.

Fifth Row, Right: The couch during the Halloween Party. Adam Scott, Yann DeGraeve, Cynthia Gong, and Jon Penoyar talk.



SECOND TERM

One highlight of Second Term was Initiations. This year the Freshmen and other initiates were treated to dinner at the Ocean Coral restaurant, then returned to Ricketts House where they rotated through a series of stations. In a break from past tradition, no shopping carts were used. Second term also saw various social events such as the Grand

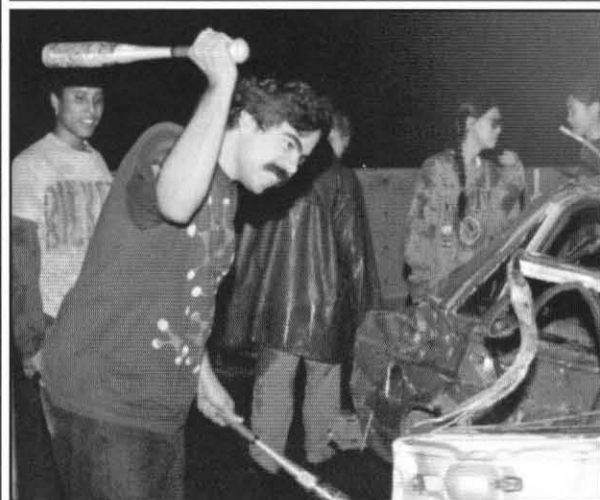


First Row, Left: Head Waiter Andrew Casteel and Waiters Juan, Sarah Cooke, Peanut, and Lexi Baugher attempt to relieve the Gong Frosh, Dinkar Gupta, of the Gong.
Below: The Sophomores. **On the Pot:** Aspen Richter, Lexi Baugher, Ben Gudlewski. **Standing on the Left:** Roger O'Brien, Shannon Stewman, David Zaragosa, Kevin Babcock. **Standing on the Right:** Michael DeSalvo, Jon Penoyar, Adam Scott, Christoph Baranec, Peanut McCoy. **Not Pictured:** Irina Mikhaylovskaya, Jon Leong, Katy Isaacs, Lawrence Wang, Liz Verschell, Lu Gan, Martin Gaitan, Owen Aftreth, Peter Nyugen, Rik Williams, Ryan Schram, Yann DeGraeve.



Touring of Chris Brichford once the Frosh got their act together. Elections were held to determine such vital issues as which Freshman would get to live on campus next year. After elections the new social veep was in charge of all diversions. For the true social event of the term, turn the page.

First Row, Right: Kinsey Ingraham.





Above: the Juniors. **Starting from the Left:** Kevin Schulz, Eric Strom, Hitalne Patel, Michael Pruett, Josh Strahan, Pankaj Mehta, Kamran Vakili, Steve Chung, Kat Oseen-Senda, Keith Peters, Ishnaferitsu (Ishty) (aka Brian Patton), Andrew Casteel, Kim Harle. **Not Pictured:** Amit Kshatriva, Alice Medvedeva, Andy Cotter, Angie Han, Cate Gifford, Haliza Nik-Hassan, Hannah Peck, Jeffrey Clinton, Kevin Hickerson, Myra Interiano, Olga Russi-Roman, Onureena Banerjee, Oran Switzer, Rob Saliba, Rudy Perea, Alex Slivkins, Veronica Savu.

Previous Page...

Second Row, Left: The Grand Tour. Pedro and John Estes try to keep Chris Brichford from escaping yet again while Muhammed runs up.
Second Row, Center: Guillermo and Shaft at a Two-Holer party. Guillermo kept saying, "She likes me, she likes me!"
Second Row, Right: A desert fire trip was made. It was very cold (snow!) and windy, but there was still plenty of Skurvely fire. (See pages 146-147.)
Third Row, Left: Pudding Wrestling. Doug and Sarah hold the wading pool while Beverly and Chris Brichford get messy.
Third Row, Center: Kinsey and Alice at the women's dinner.
Third Row, Right: Sarah Cooke tags in the courtyard during Initiations.
Fourth Row: Initiates gather in the courtyard after dinner, carrying bags of essential supplies and (hopefully) wearing their Frosh Wash t-shirts.
Bottom: Juan uses both hands to hit the car during Initiations.
On This Page...
Top Right: Dave Hammond has fun with the car during a break in Initiations.



Right: "Princess Junkie" aka Junko Ohara at Initiations dinner.
Third Row, Left: Initiates Yury Goldfeld and Rick Karnesky do some tagging.
Third Row, Center: Rob Saliba and Jason Briceno get happy for Initiations.
Third Row, Right: Nathan Brown next to the car which was smashed during initiations. This is before it sustained too much body damage.
Fourth Row, Left: Mike Astle presides over Initiations.
Fourth Row, Right: Ishty, new President of Ricketts House, is ponded into office by the Freshman.



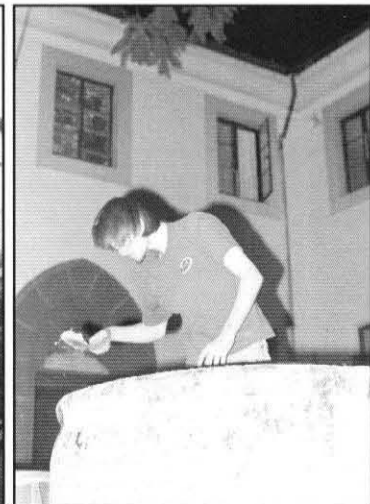
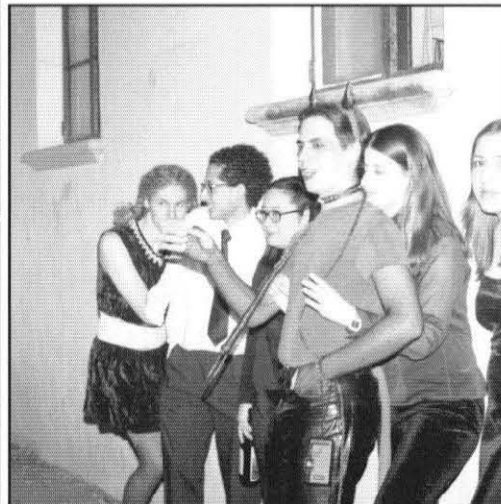
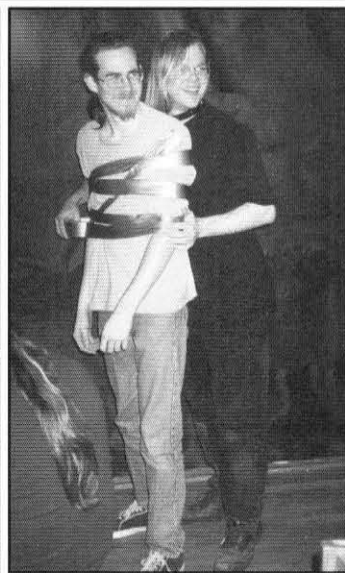
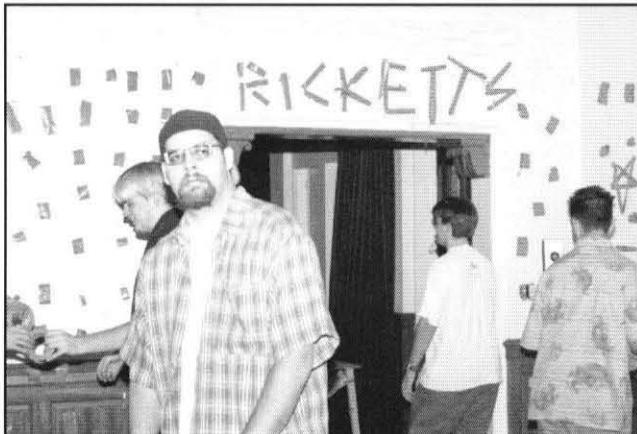
APACHE

Before Elections and after Initiations comes the glorious tradition of Apache, this year celebrating fifty-two years of debauchery. Build Apache was overseen by Social Veep Andrew Casteel and President Michael Astle and was completed with the usual excessive use of duct tape and black paper. Apache itself was the familiar mix of cheap wine, scantily clad women (and men), and cross-dressing glory. The Garter Contest was MC'ed by alumni Kohl Gill, Dinkar Gupta was Measurer, and Doug Lanman was Calculator. Although there were many fine entries, Mike Astle and Steve McCoy won the Garter Contest.

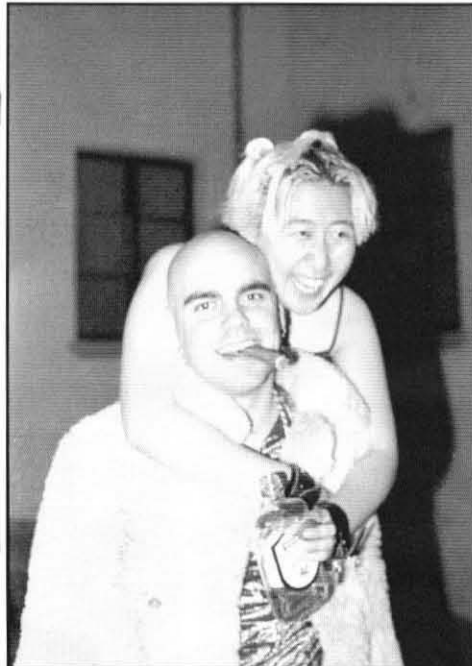
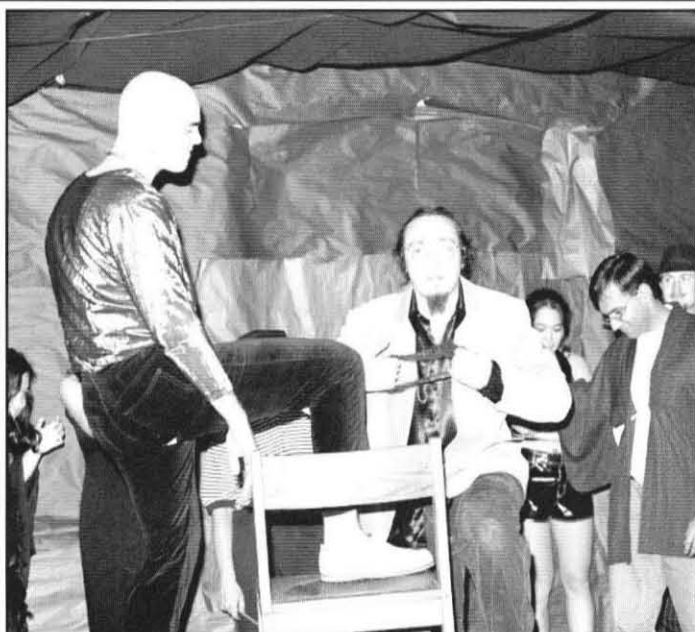
First Row, Left: David Zaragosa at Build Apache.

First Row, Center: Shannon Stewman makes use of duct tape to tie up Ben Gudlewski.

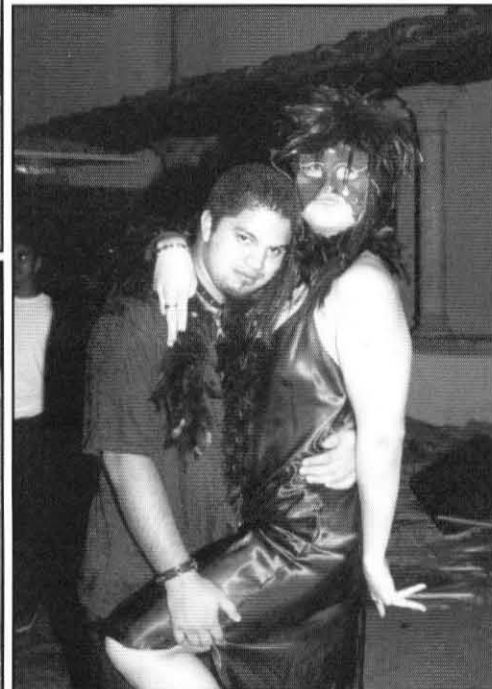
First Row, Right: The tunnel entrance underneath Sloan is manned by Christoph



Baranec, with Kim Harle and Rob Saliba observing.
Second Row, Left: Jon Leong.
Second Row, Center Left: Beverly Karhson, one of the Frosh tunnel guides.
Second Row, Center Right: Left to right are Owen Afreth, Augusto Callejas (a Darb), Myra Interiano, Erik Rodriguez, and Jessica Heller.
Second Row, Right: Work Frosh John Estes cleans the Pot of all accumulated filth during Build Apache.
Third Row, Left: Mike and Cate.
Third Row, Center: Sumo wrestler R.A. Brian Meehan and his girlfriend Angela enjoy themselves at Apache.
Third Row, Right: Dinkar Gupta is a very happy man all night long as he performs his duties as measurer. Alumni Kohl Gill and Andrew Casteel are enjoying themselves as well. Leg courtesy of Juna Kollmeier.
Fourth Row, Left: Andrea Hasenstaub and Cynthia Gong know what Apache is all about.
Fourth Row, Right: The office of Ladder Frosh was passed from Rik Williams to Rick Karnesky.
Next Page...
First Row, Left: Kamran Vakili with Leona.



First Row, Center: The winners of the Garter Contest, Steve McCoy and Mike Astle, as they begin their act.
First Row, Right: Nathan Brown and his stick.
Second Row, Left: Angie Han and Steve McCoy.
Second Row, Right: Grace (Gray Rybka) gives the camera her (his) sexy look; Clara Graham smiles.
Third Row, Left: Garter Contest entry comprised of Rui Wang, Kat Oseen-Senda, Beverly Karhson, Kim Harle, Rebecca (a Darb), and Cynthia Gong (hidden).
Third Row, Center: Guillermo Letona wore the Frosh Dress this year. Admitting that he couldn't do the sexy look he went for trailer-trash ambience instead.
Third Row, Right: Uri Eden, Kayla Smith, and Lisa O'Rourke talking in the courtyard.
Fourth Row, Left: Ben Gudlewski is greased and psyched up.
Fourth Row, Center: Andrea, Aspen, Pedro, and Andrew.
Fourth Row, Right: Martin Gaitan and Cynthia Gong.



THIRD TERM

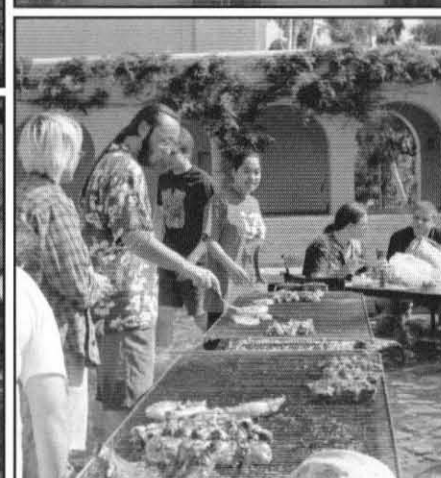
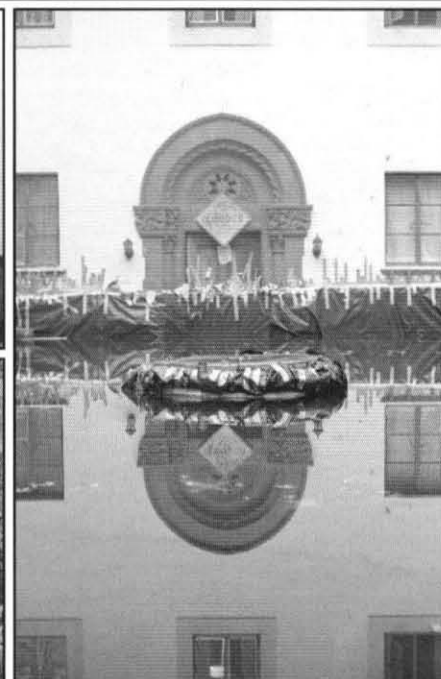
First Row, Left: Mike Astle and one of the firemen who extinguished Brian's apartment fire. **Right:** The Courtyard was flooded once again.

Second Row, Left: Brian in one of his Hindu-god moments. **Center:** Dinkar, Kevin, Eric, Andy Cotter, and Muhammed confront John Paul Revel. After that they kidnapped all seven house presidents.

Third Row, Left: Jacob. **Center:** Donuts in the Pool! **Right:** Barbecue in the Pond.

Fourth Row, Center: Ricketts Hovse N.R.F.A. Joe Kirshvink wrestles Rob Saliba in Baja California during Spring Break. **Right:** The Page House President is abducted.

Fifth Row, Left: Ricketts Hovse Excomm. **On the Pot, Left to Right:** Sascha Calkins (social team), Junko Ohara (social team), Shannon Stewman (secretary), Dinkar Gupta (treasurer), Kevin Babcock (librarian), Ishnaferitsu (president). **In the Boat:** Beverly



Karhson (social team), Lexi Baugher (treasurer), Sarah Cooke (social veep), Kat Oseen-Senda (vice-president), Doug Lanman (social team). **In the Library:** David Zaragosa (social team). **Not Pictured:** Roger O'Brien (historian), Rick Karnesky (historian), Pedro (ath man), John Estes (ath man), Cynthia Gong (social team), Rui Wang (social team), Yury Goldfeld (food rep).

Fifth Row, Center: Dave, Cate, Kevin, and Lexi bury Mike on the beach in Baja. **Right:** Rob, Kevin Babcock, Cynthia, Hitaine, and Brian enjoy Ricketts-style hot tubs. Kevin Schulz is masseur.

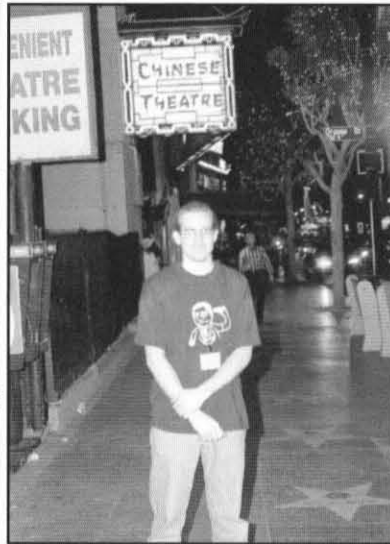
On the Next Page...

First Row: The Waiters. Yury, Andrew, Lexi, Kevin, Juan, Guillermo, Peanut, Roger, and Sarah. **Not Pictured:**

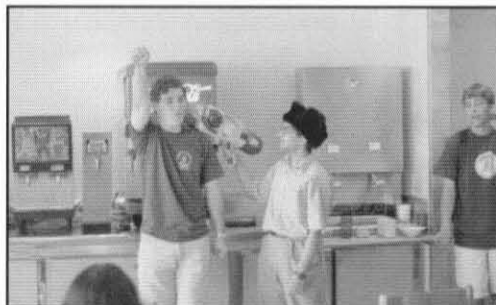




Muhammed.
Second Row: Kevin and Brian in Baja.
Top Right Corner: The Senior Class, in its Freshmen days. **Top Row:** Leon Torres, Juan Nuno, Steve McCoy, Jeffrey Clinton (now a junior), Shawn Watts (gone), Jason Briceno, David Djambazov (gone). **Second Row:** Shayan Mookherjee, David Hammond, Marq Ellenbecker, Hitaine Patel (now a junior), Ben Hendricks (gone), Josh Beck (gone), Ryan McCorvie. **Third Row:** Mike Astle, Brigitte Roth (no longer a Skurve), Jason Stone (gone), Sung Ha Huh (gone), Chris Brichford, Andrea Hasenstaub, Matt Vanderzee. **Bottom Row:** Uri Eden, Lisa O'Rourke. **Not Pictured:** Cynthia Gong (later addition).
Third Row, Left: Adam, Rob, Eric, Leon, and Ben help remove the boat from the pool. **Center:** Ben Gudlewski waits in line for tickets to the first showing of Star Wars. **Right:** Dinkar and the Fleming president.



Fourth Row, Left: Cynthia at Barbecue in the Pond. **Center:** Michael Pruett's protest. **Right:** Pankaj and Hitaine covered in sawdust during pool construction.
Fifth Row, Left: Eric and Ishy at sockpuppets. **Center:** Lloyd president and Dinkar. **Right:** Seniors Dave Hammond, Leon Torres, and Jason Briceno.



PCDE

Polish Constitution Day Eve.

First Row, Center: Kevin Babcock stacks trashcans for Bowling with Lloydies while Ryan and Peanut stabilize.

Right: Getting Blacker denizens wet at Whack a Mole.

Second Row, Left: More Mole whacking.

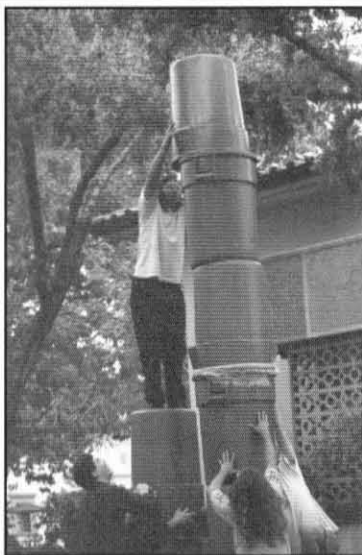
Center: Dinkar Gupta is ready for action.

Right: Strike!

Third Row, Left: Carolling in Dabney.

Center: Kevin pushes a shopping cart with resident Lloydie while other Skurves watch.

Fourth Row, Left: Ben, Connie, Adam, and Walter go singing through the



other houses.

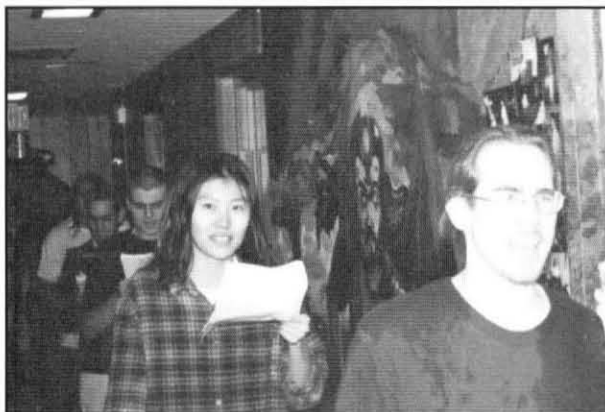
Center: Kevin, Christoph, and Peanut returning along the orange walk.

Right: Waiting to ambush Blacker when they disperse from dinner.

Fifth Row, Left: Rui, Kevin, and Peanut lead the charge to Donuts in Page House.

Center: Showering war in the halls of Fleming.

Right: Ishy, Rick Karnesky, and Pankaj are measuring Ruddock's windows using Hitaine.



DITCH DAY

Six stacks entertained the masses this year. Cult of Personality Stack was by Mike Astle, Chris Brichford, Andrea Hasenstaub, and Steve McCoy. Ghetto Life Stack was by Jason Briceno and David Hammond. Secret Service Squad Stack was by Ryan McCorvie. Settlers of Catan Stack was by Juan Nuno. The Wall 1999 Stack was by Cynthia Gong.

First Row: White boys Jon Penoyar and Rik Williams get a taste of the ghetto.

Second Row, Left: The fake the day before was also fun. Here Owen attacks his Ricketts brethren.

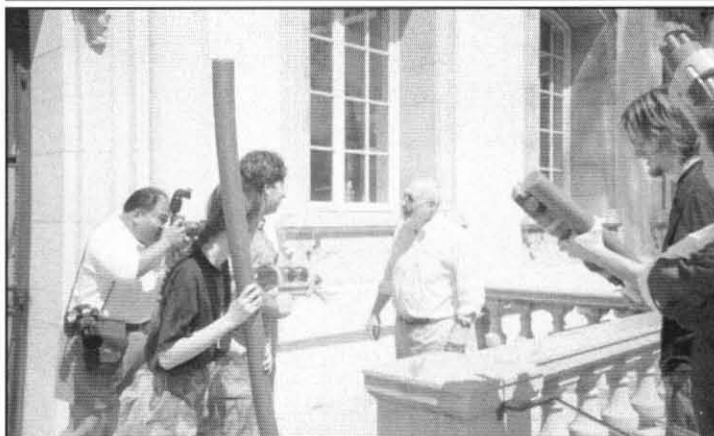
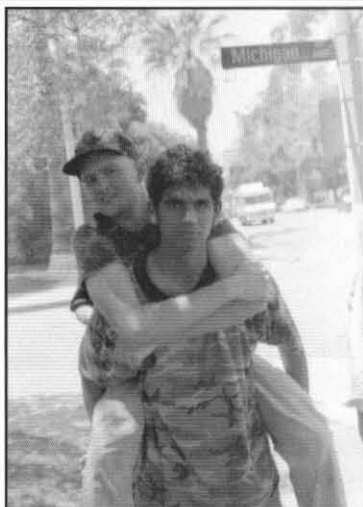
Center: Pankaj carries Josh.

Right: Leon's stack ambushes John Paul Revel.

Third Row, Left: Juan Nuno and Mike Astle next to the Teletubbies fake.

Center: Keith, Doug, Dinkar, and Liz get a limo ride on the way to the helicopter.

Right: Oran pulls out another 40.



Fourth Row, Center: Jon Leong.

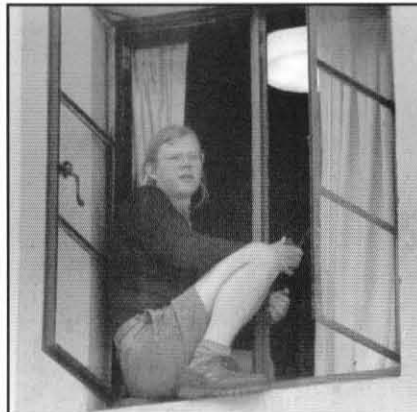
Right: East Side marks up West Side's turf.

Fifth Row, Left: The breaking and entering relay races.

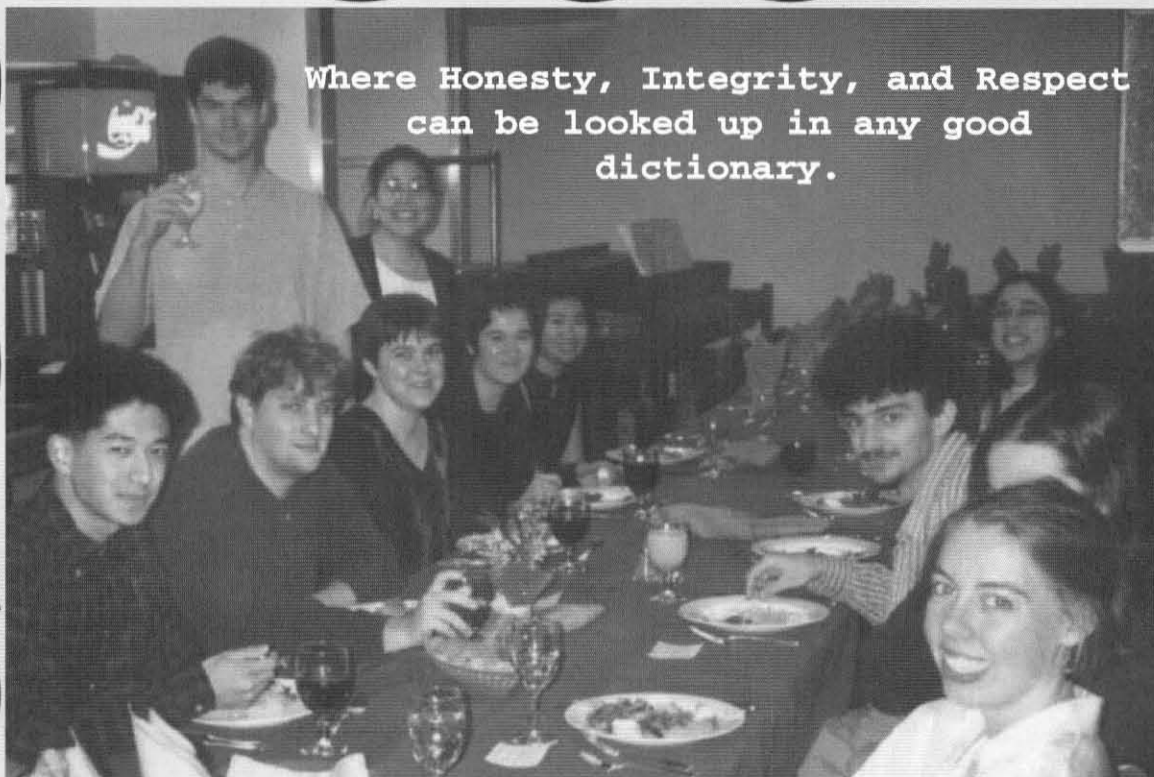
Center: Shannon, also on the secret service stack.

Right: Michael DeSalvo, Andy Cotter, Sam Yeager (carrying), and Alex (hidden) move the bandit.

Ricketts Yearbook layout by Aspen Richter and Roger O'Brient. Pictures primarily by Roger O'Brient, Aspen Richter, and Rick Karnesky. Thank you to anyone who donated a photo to the Historians.



Ruddock HOUSE



Where Honesty, Integrity, and Respect
can be looked up in any good
dictionary.

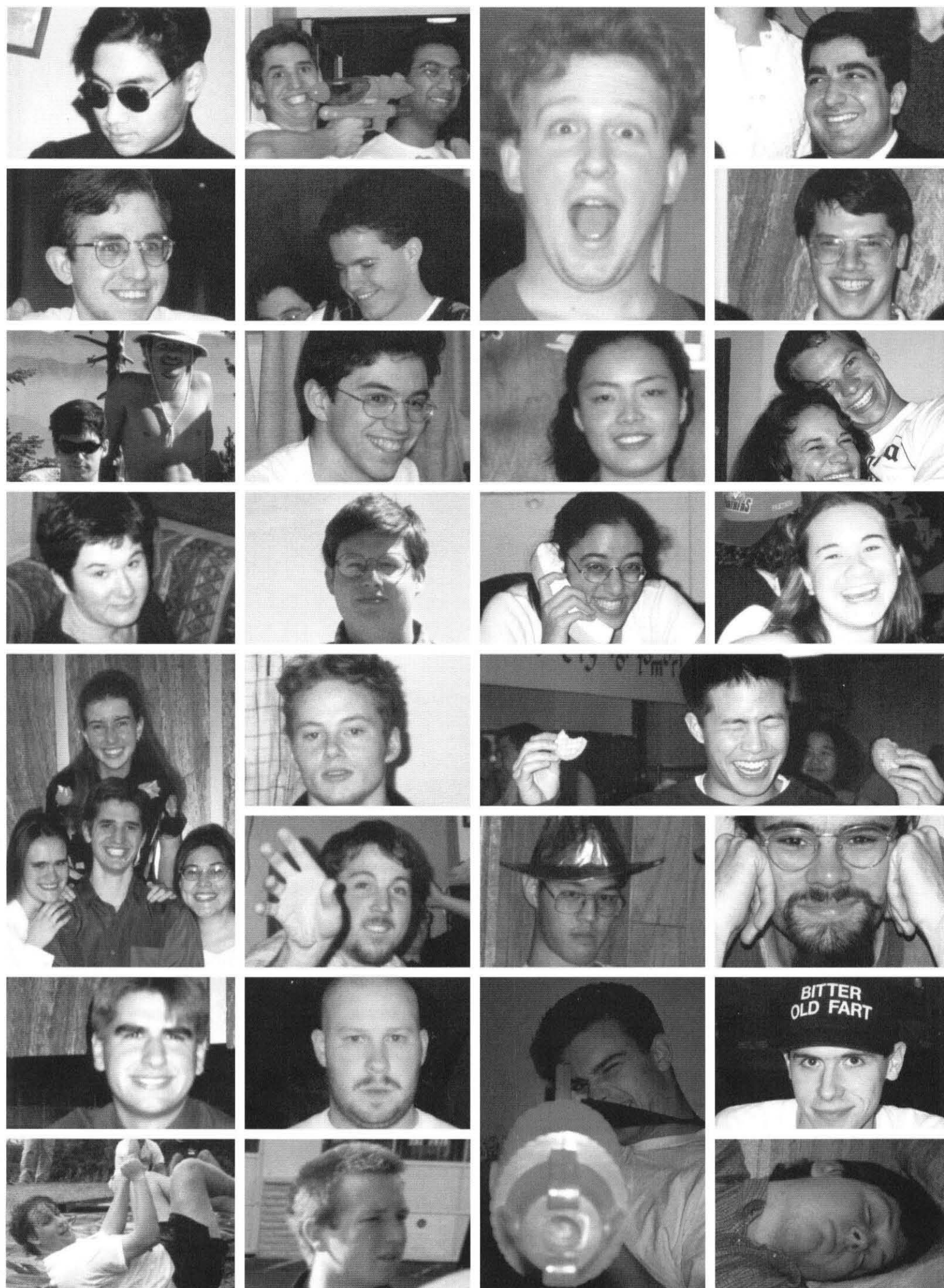
Formal Dinner

Left to right: Andrew Ling, Scott Bruce, Ryan Dieckmann, Daisy James, Tanya Tickel, Sveltana Miocinovic, Jian Ye, Leigh Engen, Meghan Smith, Gorjan Alagic, Nasim Afsarmanesh



01	08	16	21
02	09		22
03	10	17	23
04	11	18	24
05	12		25
	13	19	26
06	14	20	27
07	15		28

- 01) Anthony Ho
- 02) David Rahmlow
- 03) Scott Bruce and Gorjan Alagic
- 04) Sveltana Miocinovic
- 05) Katie Noyes, Amy Duello, Nate Senchy, Tanya Tickel
- 06) Andrew "Lefty" Tretten
- 07) Ryan Dieckmann
- 08) Nate Senchy and Suhas Nayak
- 09) Tom Collier
- 10) Danny Abrams
- 11) Will Sharp
- 12) Dirk Englund
- 13) Kevin Franklin
- 14) Jeremiah Smith
- 15) Aaron Hicks
- 16) Karl D'Adamo
- 17) Emma Kang
- 18) Nasim Afsarmanesh
- 19) David Fang
- 20) Tom Daula
- 21) Teo Der-Stepanians
- 22) Caleb Laverne
- 23) Rene and Steve Schell
- 24) Sarah Mahoney
- 25) Sam Chung
- 26) Erik Dill
- 27) Alan Lewis
- 28) Russel Howe



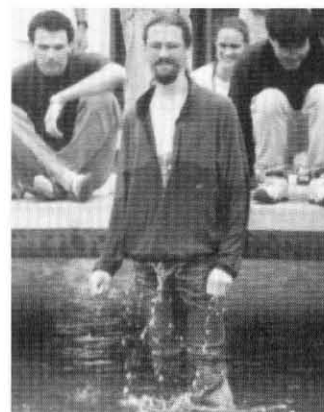


< **Freshmen** Back row: James Lamanna, Dan Stick, Dave Bustos, Zach Medin, Brad Phillips, Gerald Palmrose, Dave Rahmlow, Alice Coppock, William Peterson, Chuck Hsiao, Bobby Swinney, Suhas Nayak. Middle row: Bruce Johnston, Tim Raub, Jamal Rorie, Kenny Higa, Andrew Coe, Emma Kang, Brian Blood, Aaron Hicks, Brock Beauchamp, Karen Daugherty, Gabe Lomeli, Barbara Kraatz, Theresa Daniels, Merrett Wong, Meghan Smith. Front row: Nick Pinney, Nate Senchy, Gray Rybka, David Moll, Loren Hoffman, Sarah Mahoney, Sarah Hunyadi, Richard Stein, Matt Ballard, Ryan Gutenkunst, Dave Bernat, Omar Khairallah, Aaron Robison.

Not pictured: Jim Anderson, Mary Beard, Michelle Bennett, Elisa Chan, Dirk Englund, Yurun Liu, Tiago Wright.



< Frosh after Jamal lets rip



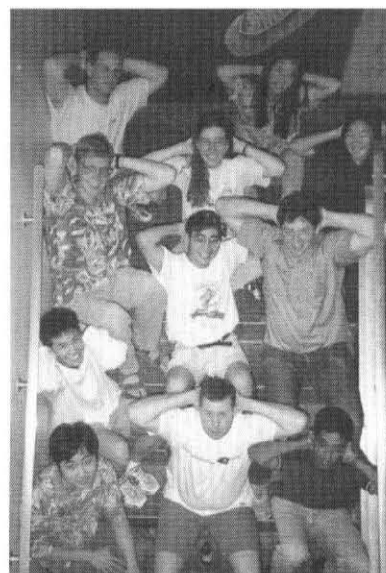
^ **Sophomores** Back row: Jason Chua, Harry Kao, Naru Sundar, Peter Gerdes, Amit Kenjale, Jason Meltzer, Helen Claudio. Front row: Gorjan Alagic, Tom Daula, Ali Soleimani, Amy Duello, Erik Dill, Kenneth Kuo, Sarah Wantoch, Albert Shih, Faria Chowdhury.

Not pictured: Orkun Akin, David Fang, Aren Heinze, David Hockaday, Wook Hwang, Tanim Islam, Jenny Ives, Janice Li, Elitza Maneva, Noel McGuinness, Geoffrey Meissner, Benson Muite, Pat Nercessian, Neal Reeves, Trisha Sando, Steve Schell, Denis Shcherbakov, Carrie Shilyansky, Ron Siu, Nathan Stein, Andrew Tretten, Travis Waddington, Summer Zhang.



< **Juniors** First column: Joe Haas, Jamie Bresson, Sam Chung, Chris Chang. Second column: Angela Shum, Katie Noyes, Anthony Ho, Jeremiah Smith. Third column: Hanna Kim, Russel Howe, Kartik Srinivasan.

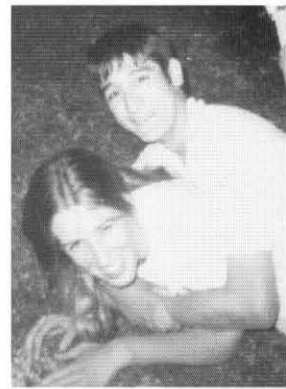
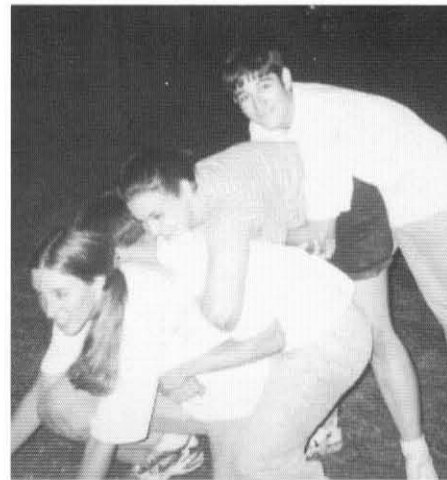
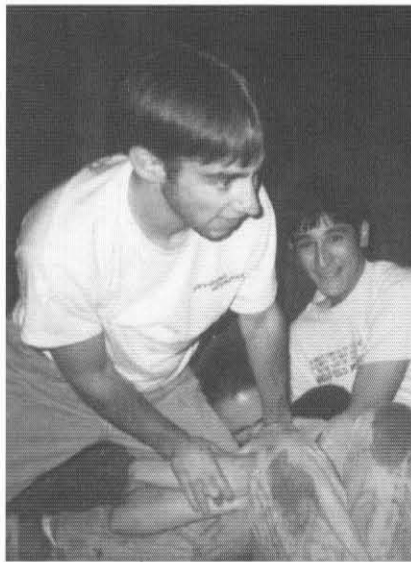
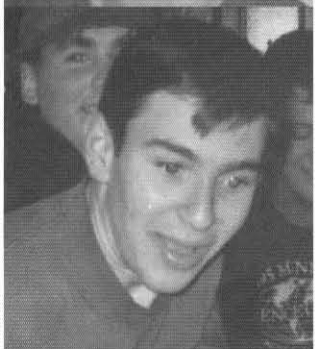
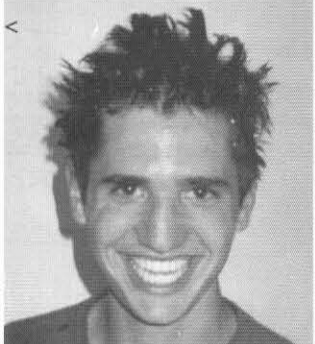
Not pictured: Danny Abrams, Jonathan Adams, Scott Bruce, Marc Favata, Kevin Franklin, Kanwar Kahlon, Stefan Kazachki, Jessie Kim, Brent Kiou, Katie Kovac, Audrey Lee, Renee Lee, Yi-Ping Liu, Dominic Luccetti, Vivek Mathrani, Aron Meltzner, Chris Miller, Svjetlana Miocinovic, Tosh Ohtake, James Pelayo, Peter Plavchan, William Sharp, Jim Wong, Jennifer Vance.



v **Seniors** Back row: Daisy James, Mike Westover, Hanna Cai, Victor Huang, Joe Fouche, Ryan Dieckmann, Nasim Afsarmanesh, Richi Gilmore, Jacques Frechet, Alan Jones, Aaron Denney, Caleb Lavergne, Leigh Engen, Teo Der-Stepanians. Front row: Steve Na, Carl Anhalt, Andrew Ling, Tanya Tickel, Minoree Kohwi, Devi Thota, Helen Yeh, Alan Lewis, Chris Liu.

Not pictured: Michael Baier, Tom Collier, Karl D'Adamo, Matt Dawson, Ben Freeman, Minxi Gao, Samantha Gizerian, Chiyan Luo, Ivana Nikolic, Joe Renes, Ojas Save, Rachel Steinberger, Michael Thielman, Kaiwen Xu, Jian Ye, Molly Zacher.

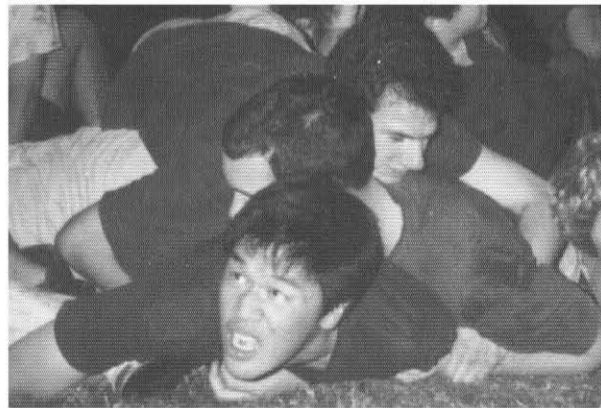




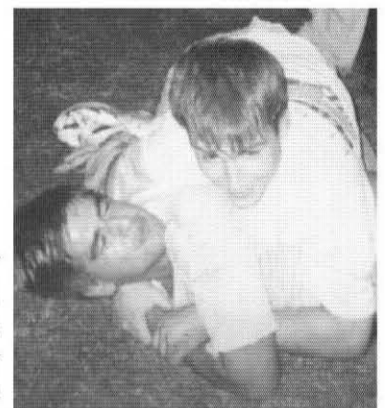
< Gabe with Aaron Robison and Amy Duello

^ Gabe on Sarah
< Gabe on Trisha on Daisy on Sarah

Gabe meets Women



< Geoff and Ali keep Fang safe from frosh

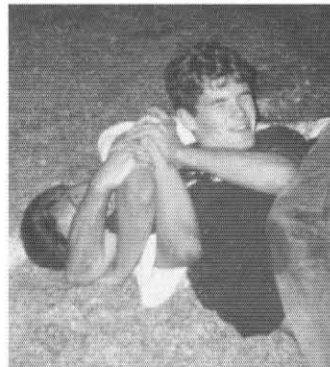


> Will Peterson and Lefty Tretten

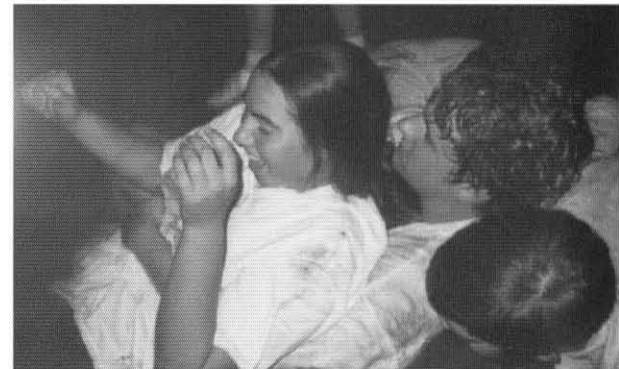
< Shower Them In!

Nathan Stein and Tiago Wright ∨

Top to Bottom:
Mark Duttweiler,
Meghan Smith,
Nate Senchy,
Richard Stein,
Sarah Hunyadi,
Dave Moll



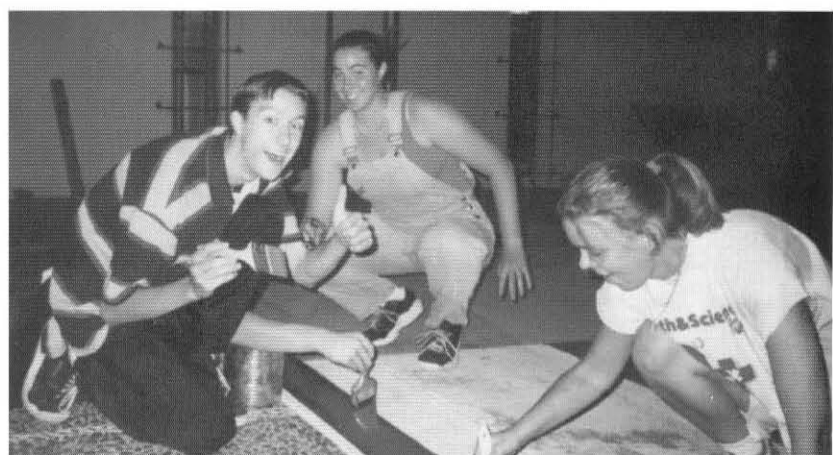
∨ Meghan Smith and Ryan Dieckmann



Steve Na tackles Geoff ∨ in the showering war



∨ Brock, Meghan, and Sarah paint the basketball court for a frosh task

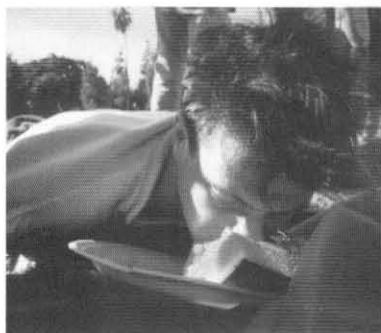


HASSLE WEEK



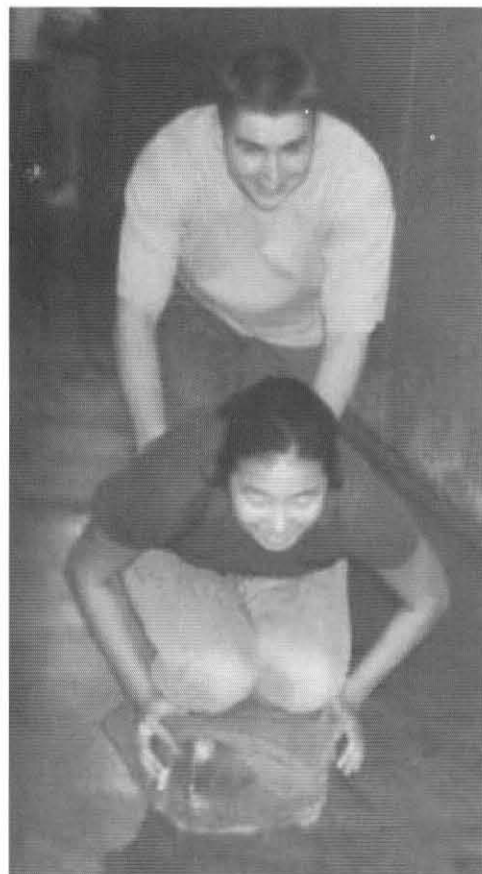
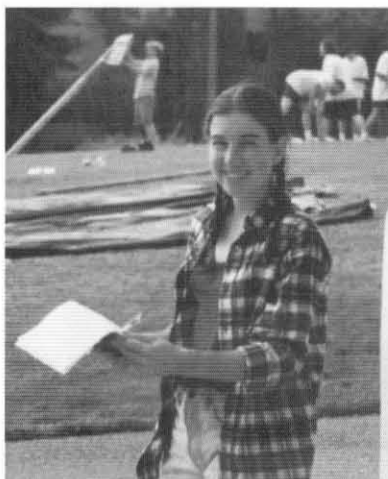
^ The Waterslide at the GAAC

✓ Egg Toss



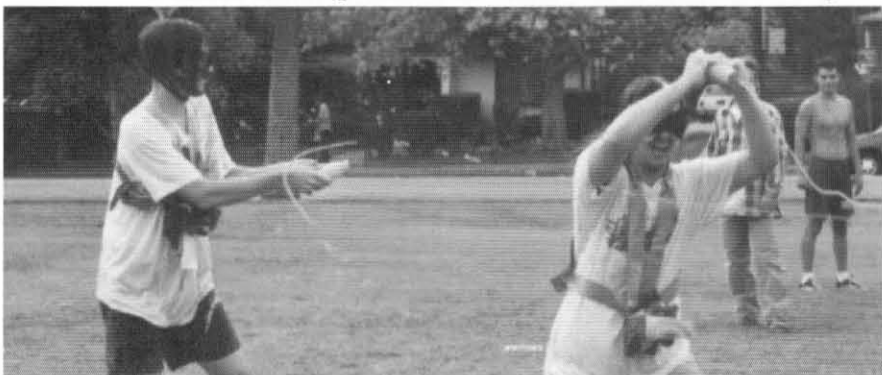
^ Watermelon Eating Contest

✓ Lumberjack Katie



^ Brian and Hannah Ice block racing in the basement

✓ Nick Pinney and Joe Haas in a mustard fight



^ Leigh Engen at the GAAC

✓ Hanna and Chewie



^ Zach and Chewie sumo wrestling



Tom Collier, Andrew Ling and
✓ Tom Daula at dinner olympics





< **Allely 1** Back row: Nate Senchy, Kevin Franklin, Kartik Srinivasan, Suhas Nayak, Omar Khairallah. Middle row: Andrew Ling, David Fang, Teo Der-Stepanians, Karen Daugherty. Front row: Sarah Hunyadi, Emma Kang, James Lamanna, Gabe Lomeli, Elisa Chan.



< **Allely 2** Back row: Gerald Palmrose, William Peterson, Dan Stick. Middle row: Chris Miller, Dave Bernat, Mark Duttweiler, Aaron Robison. Front row: Richi Gilmore, Trisha Sando, Amy Duello, Erik Dill, Alice Coppock, Loren Hoffman.



< **Allely 3** Hanna Cai, Matt Ballard, Cindy Chen, Jamal Rorie, David Moll, Brock Beauchamp, Jason Chua, Chuck Hsiao, Harry Kao, Angela Shum.



< **Allely 4** Back row: Andrew (Lefty) Tretten, Danny Abrams, Peter Plavchan, Hanna Kim, Kevin Franklin, Andrew Coe. Front row: Sarah Mahoney, Jeremiah Smith, Leigh Engen, Barbara Kraatz, Brian Blood, Tom Daula, Dirk Englund, Jim Anderson.



< **Allely 5** Back row: Joe Fouche, Ryan Dieckmann, Gorjan Alagic, Michelle Bennett, Joe Haas, Alan Jones, Richard Stein. Front row: Dave Bustos, Russel Howe, Mary Beard, Ben Freeman, Theresa Daniels, Merrett Wong.



< **Allely 6** Back row: Kenny Higa, Meghan Smith, Tanya Tickel, Brad Phillips, Zach Medin, Nathan Stein. Front row: Daisy James, Devi Thota, William Sharp, Karl D'Adamo, Aaron Hicks, Ron Siu, Ryan Gutenkunst, David Rahmlow.



< **Camping trip:** Amy Duello, Erik Dill, Russel Howe, William Sharp, Joe Haas, Mark Duttweiler, Tanya Tickel.

> **Whitewater rafting:** Angela Shum, Mike Westover, Karl D'Adamo, Richi Gilmore, Hanna Kim.



< **Ski trip:** Marc Favata, Hanna Cai, Jian Ye.

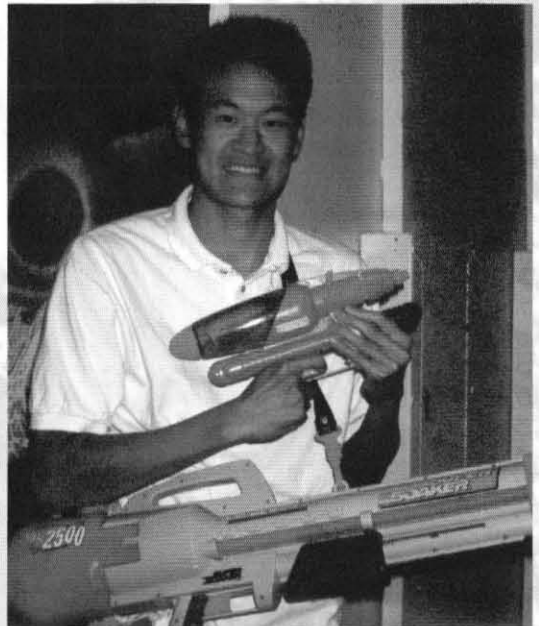
> **Pseudo ski trip:** A bunch of Rudds pretending to ski.



< **Hiking:** Erik Dill, Mark Duttweiler.



> **Alley wars:** Gerald Palmrose.

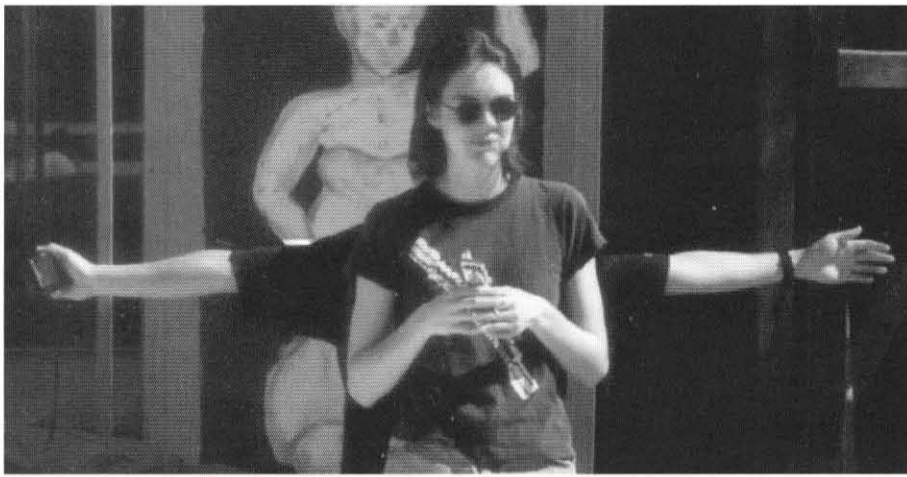


▼ **Old Excomm** Back row: Katie Noyes, Hanna Kim, Andrew (Lefty) Tretten, Matt Dawson. Front row: Amy Duello, Jeremiah Smith, Marc Favata, Joe Haas, Danny Abrams.

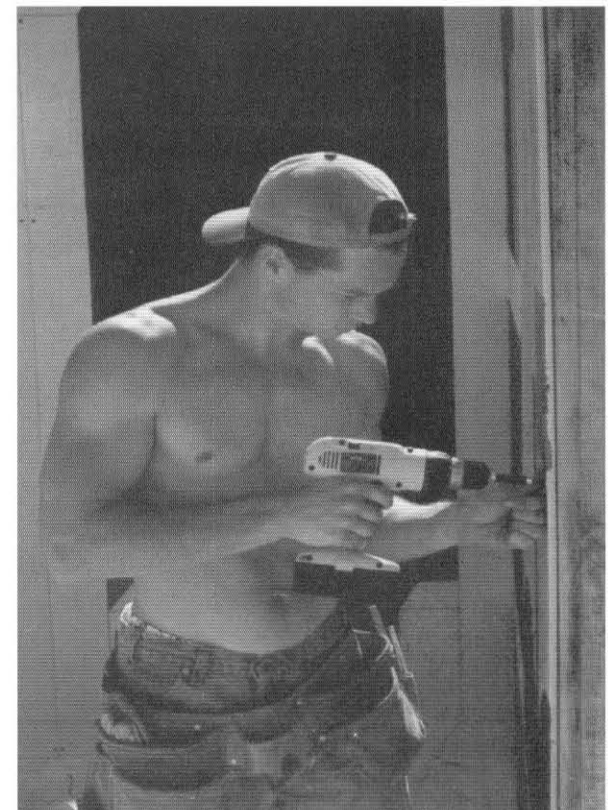
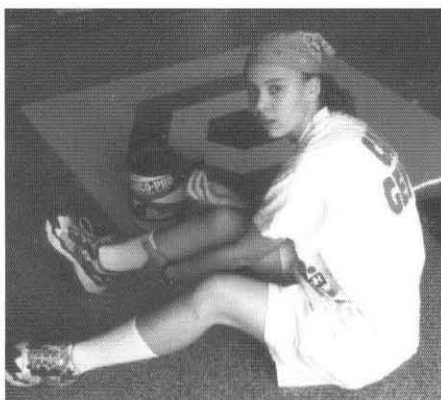
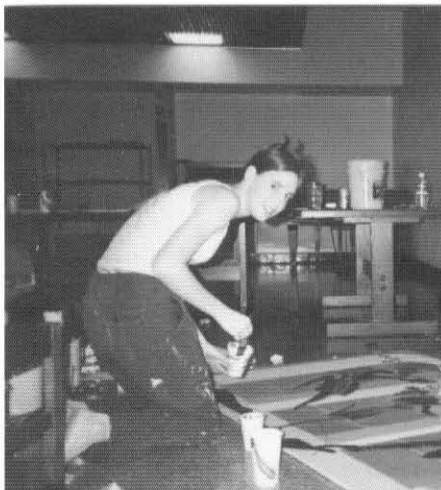
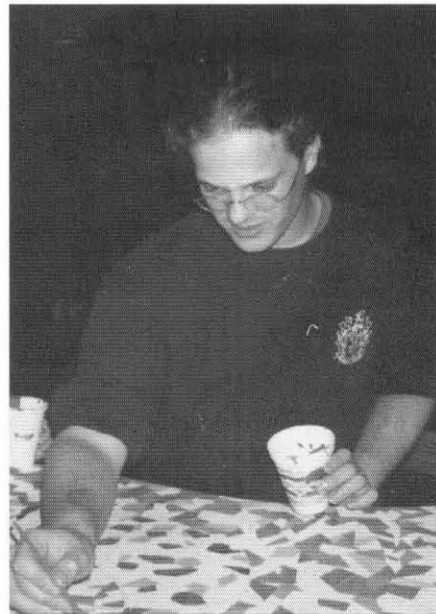
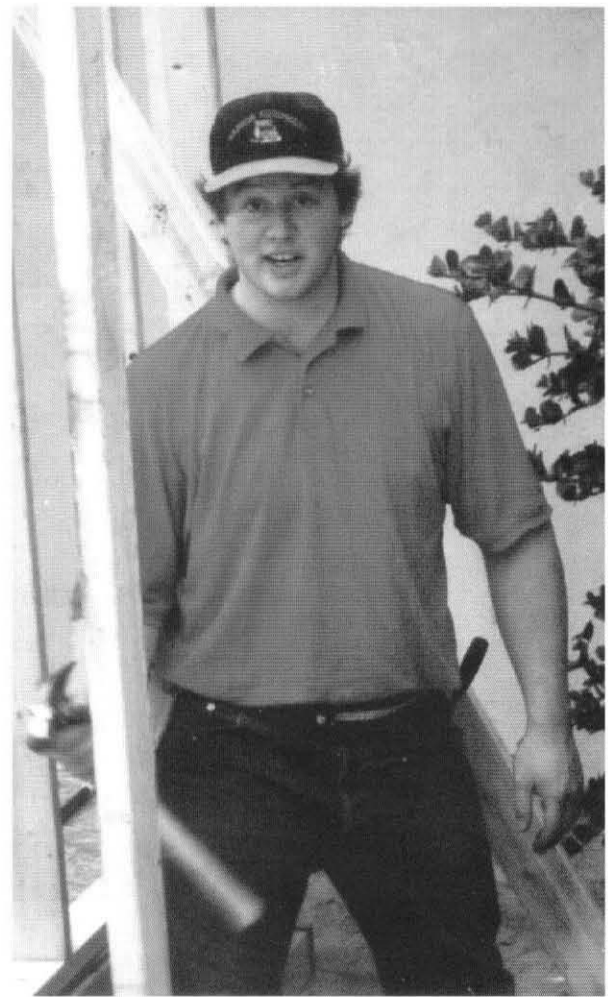


▼ **New Excomm** Back row: Katie Noyes, Hanna Kim, Andrew (Lefty) Tretten, Emma Kang, Nate Senchy, Danny Abrams, Gerald Palmrose. Front row: Amy Duello, Sarah Hunyadi, Tom Daula, Marc Favata, Nathan Stein, Dirk Englund.

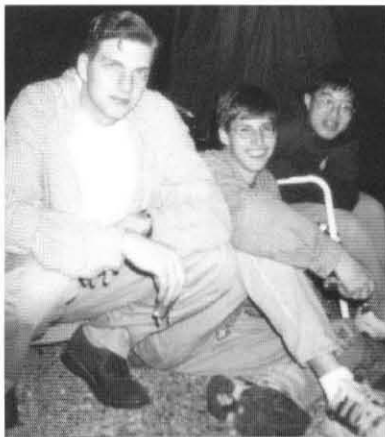




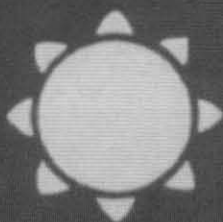
POMPEII



*Left column, down: Karen Daugherty with arms by Harry Kao; Trisha Sando; Barbara Kratz; Sarah Hunyadi
Center: Joe Haas; Russel, Steve, Anthony Ho and Amy Duello
Right: Grand Dragons Russel Howe and Steve Schell*



RVDDOCK OTTI KICKS ASS RVDDOCK



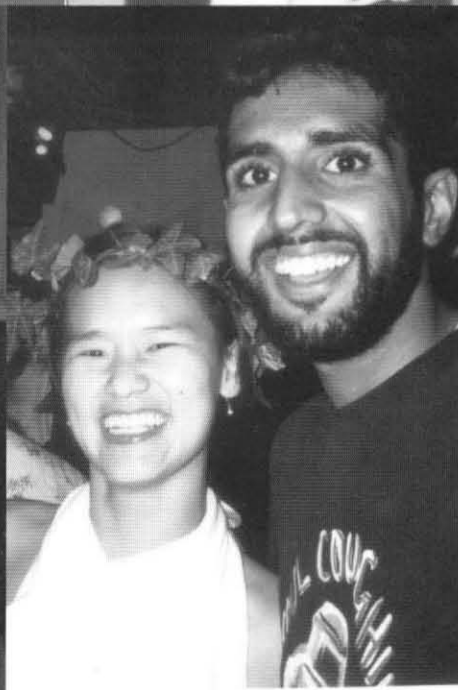
This year's OPI theme was Pompeii. Grand Dragons Amy Duello, Russel Howe and Steve Schell went crazy at Home Depot, using copious 2x4's, plywood sheets, wallboard, and black plastic to create a dance floor, temple, fountain, triumphal arch and fire-spewing volcano. In a strange turn of events, all of the major projects were completed well before the party, though a few rogue painters kept the tradition of last-minute preparations alive.

Photos, left to right

Top: James Lamanna, Dan Stick, and Kenneth Kuo watch the Volcano; the piano gets a new paint job; a view of the volcano

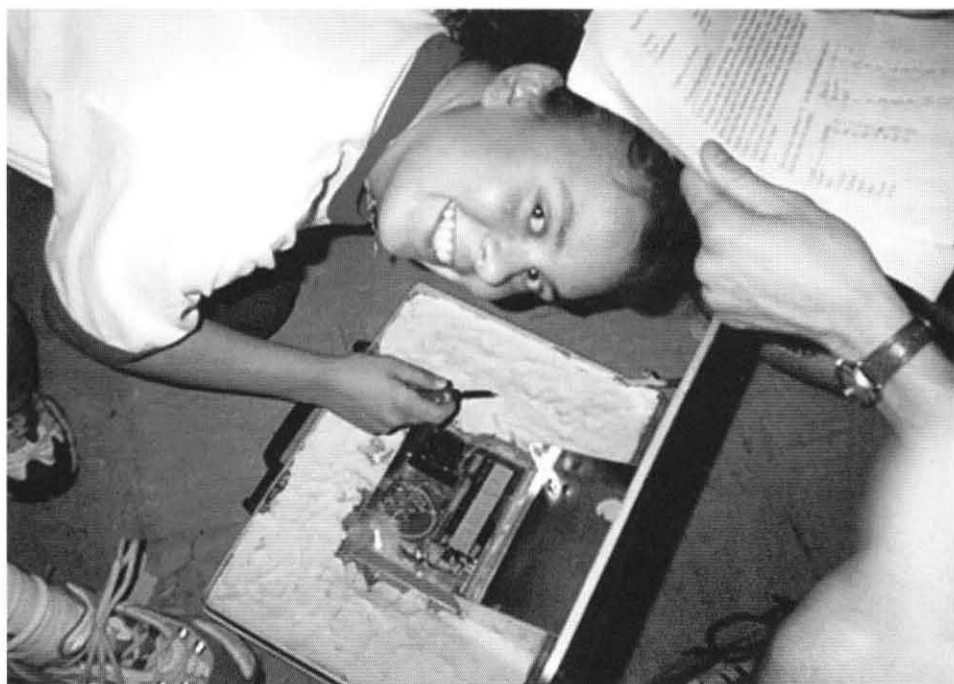
Center: The arch

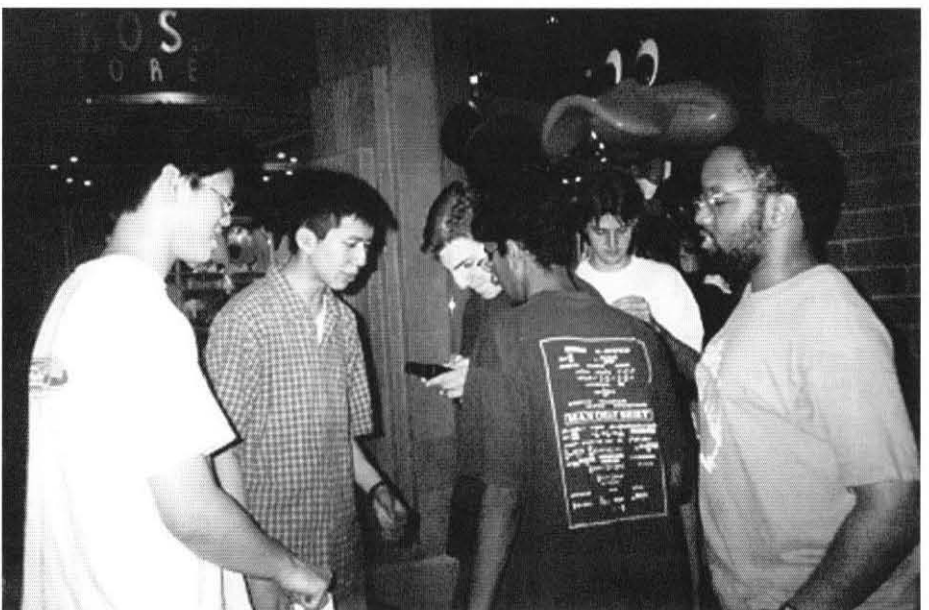
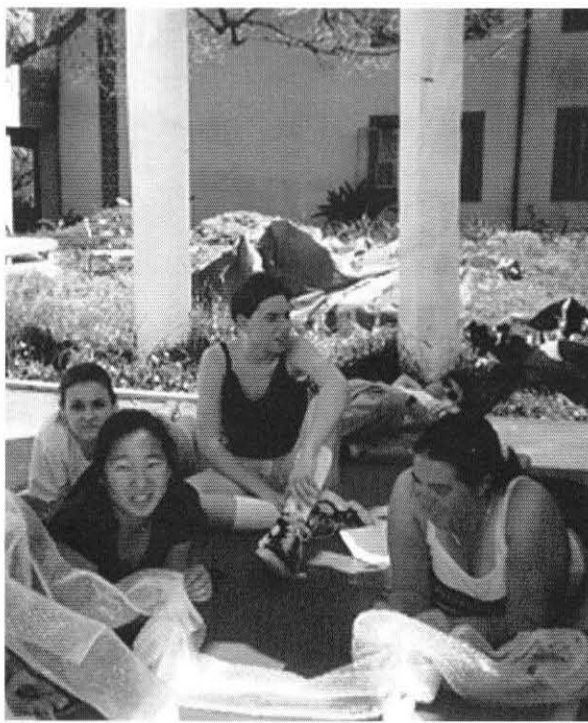
Bottom: Toga-clad Jamie Bresson; Jeremiah Smith taps the keg; Kenwar Kahlon and Audrey Lee enjoy the party.



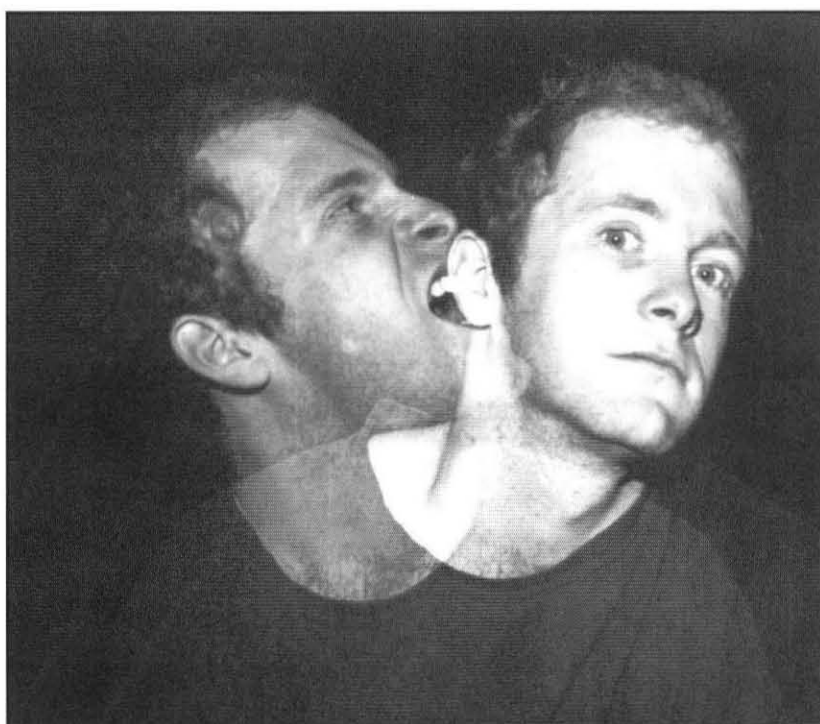


Ditch Day

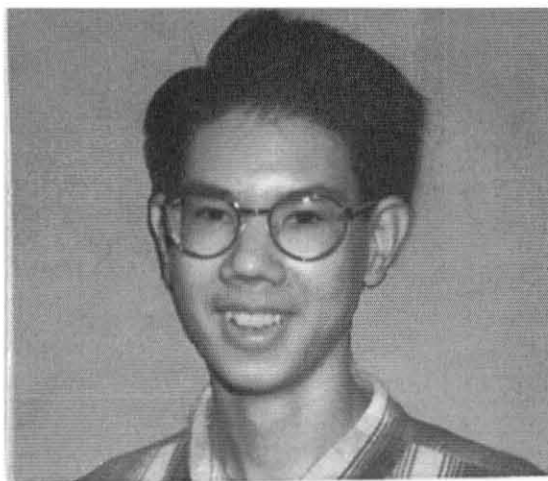




486 UNITS ✕ SENIOR ROOMPICK ✕ 200 DAYS ✕
P/F ✕ GREs ✕ APPLICATIONS ✕ ESSAYS ✕
COMMENCEMENT ✕ HALLELUJAH ✕ YEARBOOK
SUBMISSION ✕ TOM BROKAW ✕ 100 DAYS ✕
DITCH DAY IS TOMORROW, FROSH! ✕ SLEEP ✕
GRAD SCHOOL ✕ THE REAL WORLD ✕ DOUBLE
MAJOR? ✕ AUTUMN, ERIK & MIKE ✕ “WHEN
I WAS A FROSH...” ✕ THE END OF MA2C ✕ PH2A
✕ CH1C ✕ FIRST FROSH ON GRADES ✕ DAVID
GOODSTEIN, TWICE ✕ NO MORE TOMMY ✕ FIRE
✕ DAPAC ✕ 69 DAYS ✕ THIRD TERM ✕ SENIOR
UNDERLOAD PETITION ✕ IT’S GREEN THIS TERM!
✕ STACKING ✕ BLACK PLASTIC ✕ SENIORS ONLY!
✕ CHAIN ANNOUNCEMENTS ✕ 50 DAYS ✕ CAP
AND GOWN ✕ DITCH DAY! ✕ DUCT TAPE AND
TREES ✕ GHOSTS ✕ SENIOR FINALS ✕ THESIS ✕
SENIOR BANQUET ✕ 1 DAY ✕ PRECESS ✕ ALUMNI



SENIORS



Jeremy Wong
MATHEMATICS & PHILOSOPHY
Mesa, AZ

— Hold your fire—
Keep it burning bright
Hold the flame
'til the dream ignites—
A spirit with a vision
Is a dream with a mission.



Shayan Mookherjee
ELECTRICAL ENGINEERING
Calcutta, India



Claudin Simion
BIOLOGY
Galati, Romania

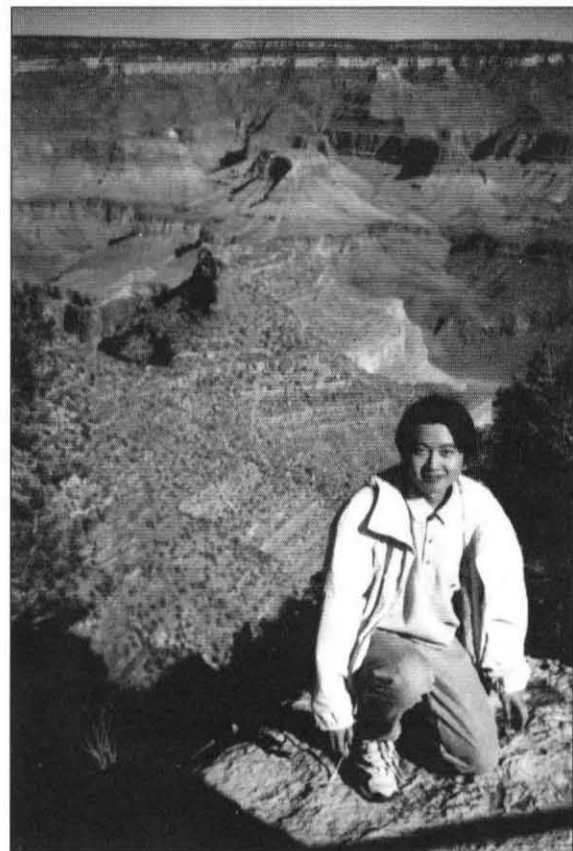
— God was created by Man to find out what's beyond.





Luis Saenz
COMPUTER SCIENCE
Manhattan Beach, CA

Matthew Gregori
CHEMISTRY
Richmond, VA



Lei Jin

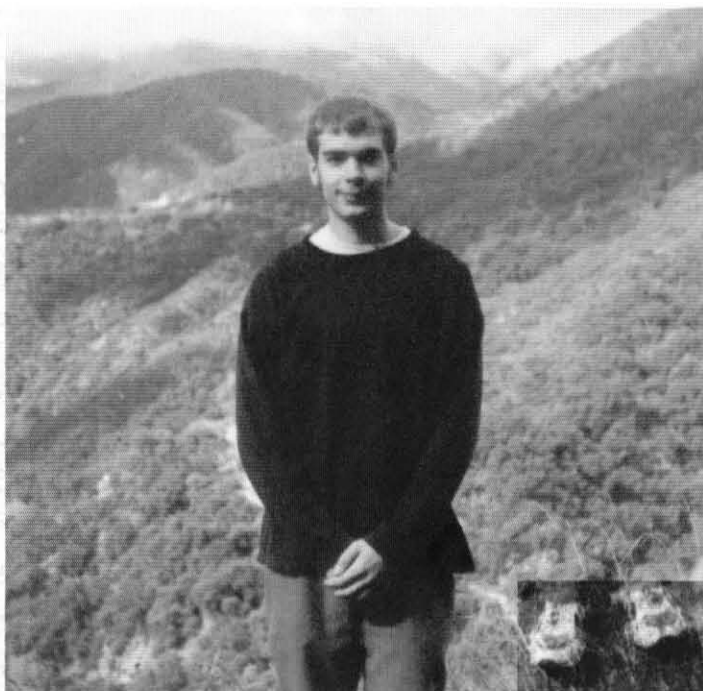
COMPUTER SCIENCE
Shanghai, China



Sheng Ding
CHEMISTRY
Beijing, China



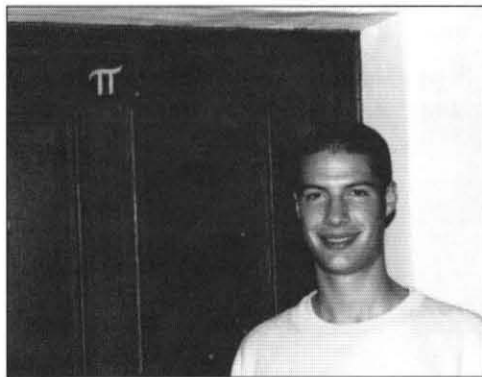
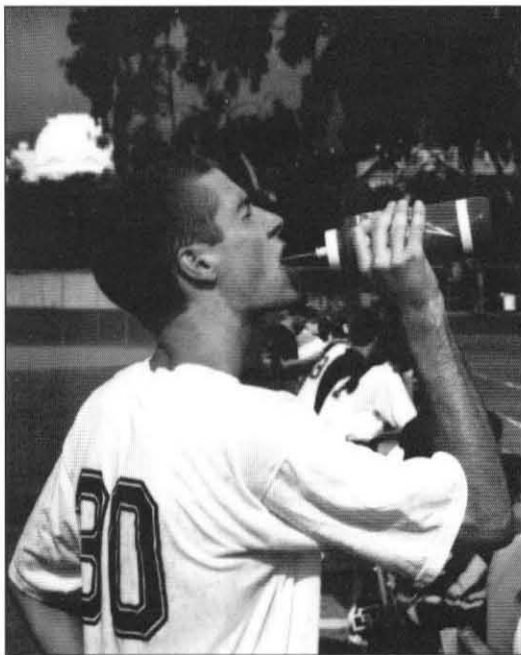
"Goose"



Conrad Ziesler

ELECTRICAL ENGINEERING
Ladysmith, WI



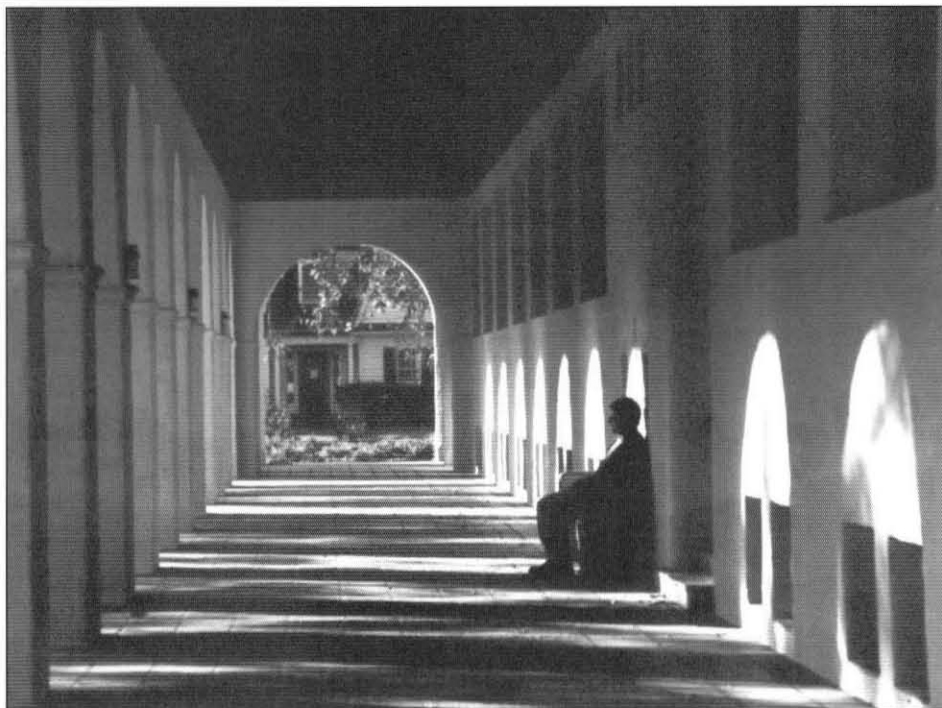
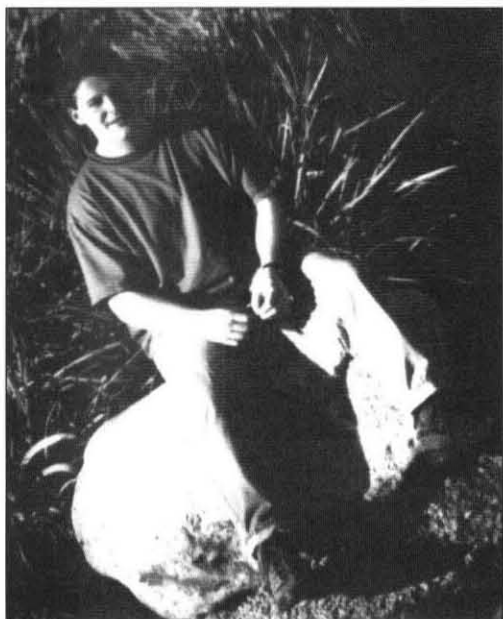


Ryan Merle
MECHANICAL ENGINEERING
Kent, WA

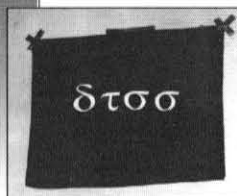
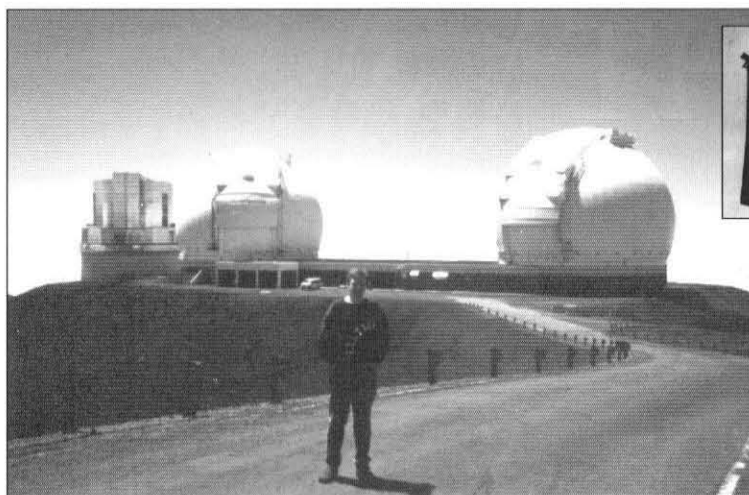


Xiaoyi Tang
ELECTRICAL ENGINEERING
Shanghai, China

Chuck Smith
COMPUTER SCIENCE & LITERATURE
Morgan Hill, CA



— "For he on honey-dew hath fed,
And drank the milk of Paradise."
Samuel Taylor Coleridge, Kubla Khan.



David Tytell

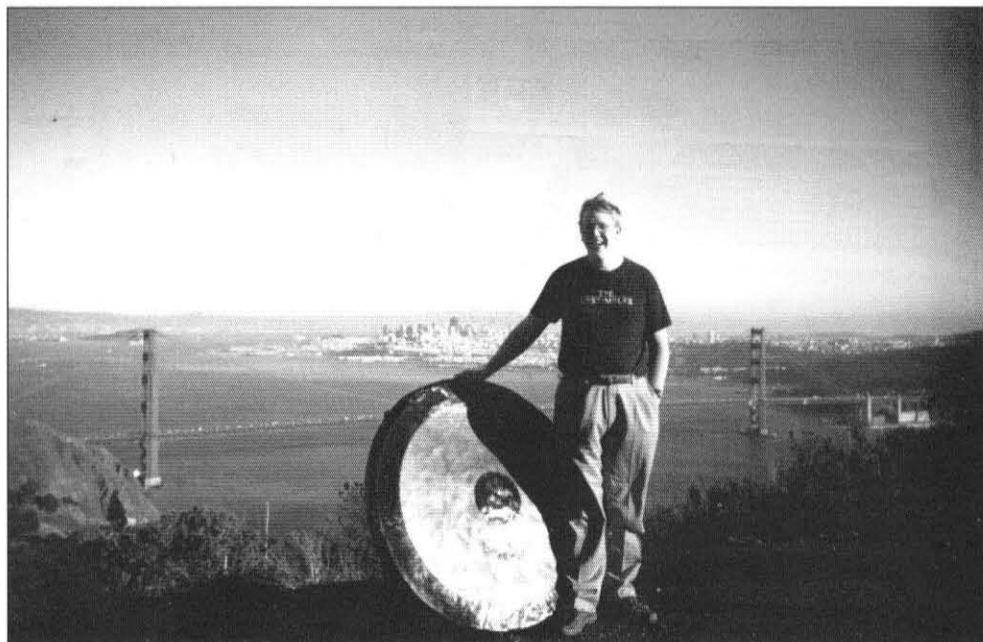
PLANETARY SCIENCE
Newbury Park, CA
Blacker Hovse

— They say that when you come to Caltech, they give you three gifts: a social life, a diploma, and sleep. You are only allowed to choose two of these gifts, however...I'm going to go take my nap now.

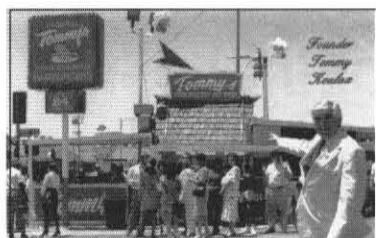
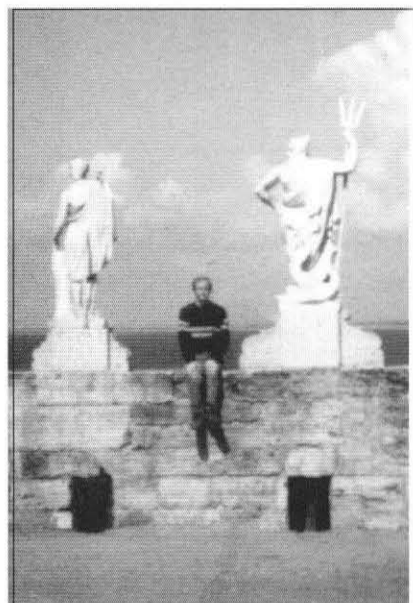


Travis Jesse Williams

CHEMISTRY
Houston, TX
Blacker Hovse



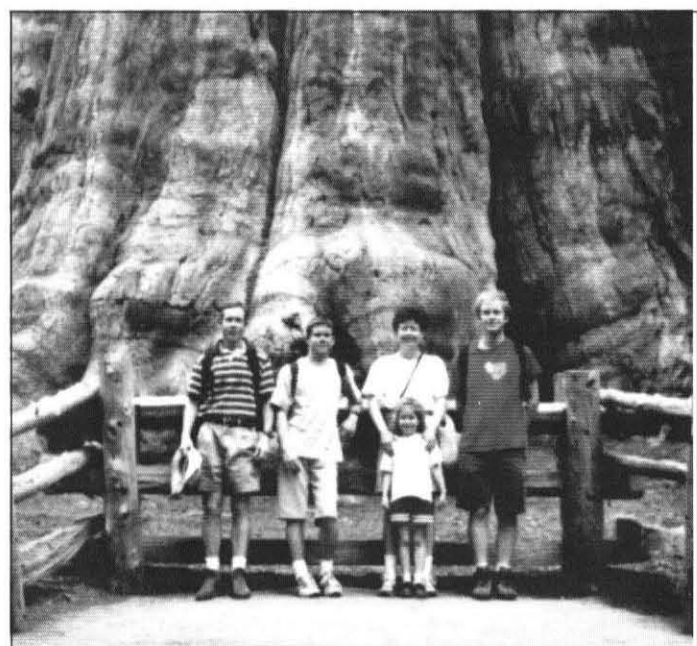
176



Walt Ogburn

PHYSICS
Boca Raton, FL
Blacker Hovse

— Extra pickles, extra chili.





Matt Komrthoef

E&AS — COMPUTER SCIENCE

Walnut Creek, CA

Blacker Hovse



John Chodera

BIOLOGY

Westminster, CA

Blacker Hovse



Peggy A. Gabriel

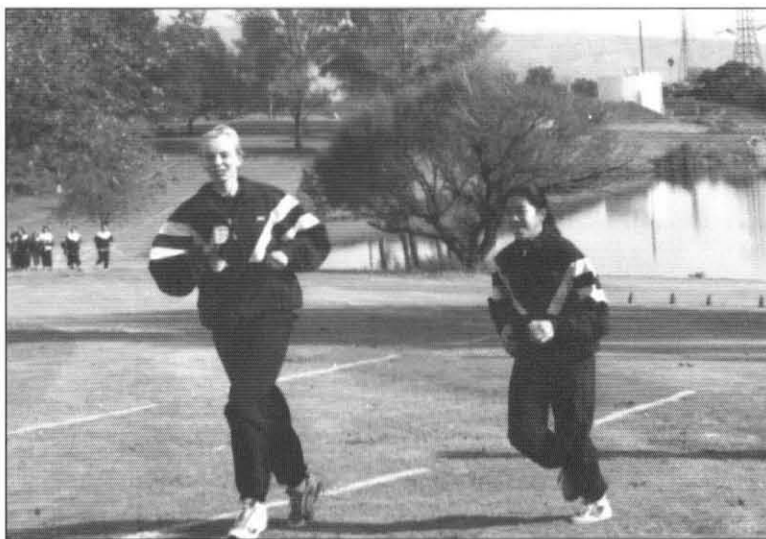
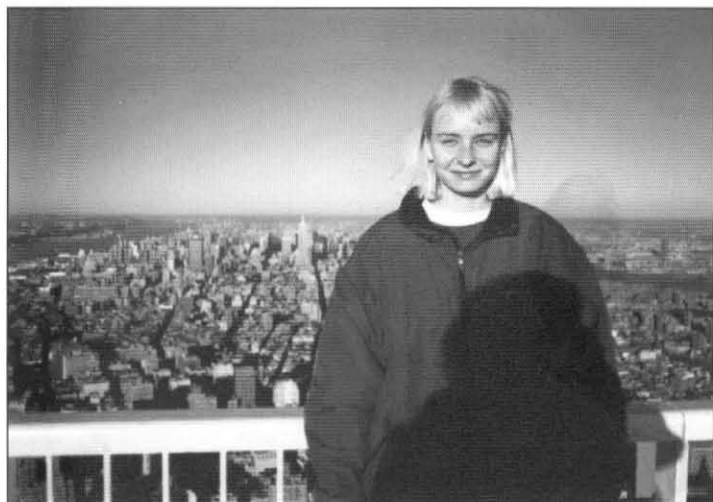
CHEMISTRY

Spring, TX

Blacker Hovse

Aimee Lucinda Pierce

BIOLOGY
Eugene, OR



Amy Chang-Chien

E&AS
Temple City, CA

— "Out, out, brief candle!
Life's but a walking shadow, a poor player
that struts and frets his hour upon the stage
And then is heard no more: it is a tale
told by an idiot, full of sound and fury,
signifying nothing."
William Shakespeare, Macbeth.

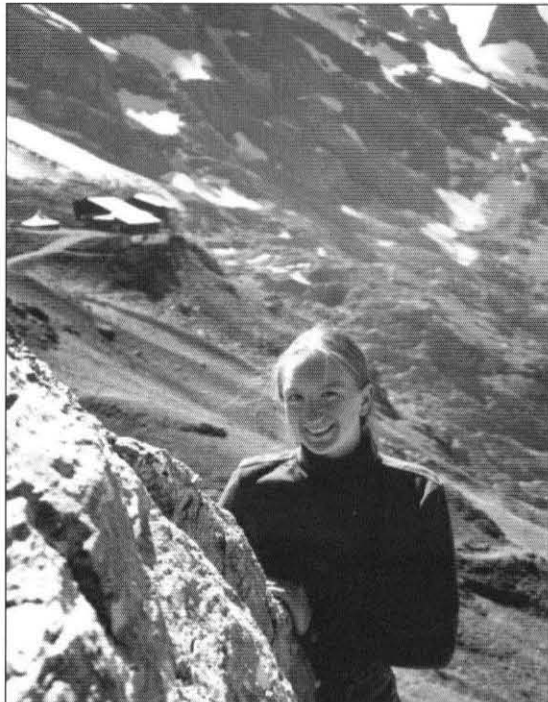


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Derek Wiant

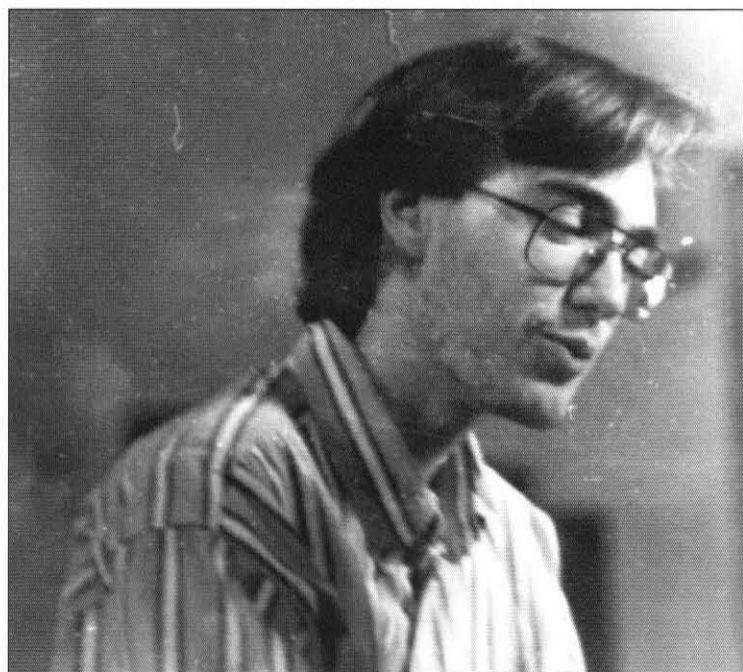
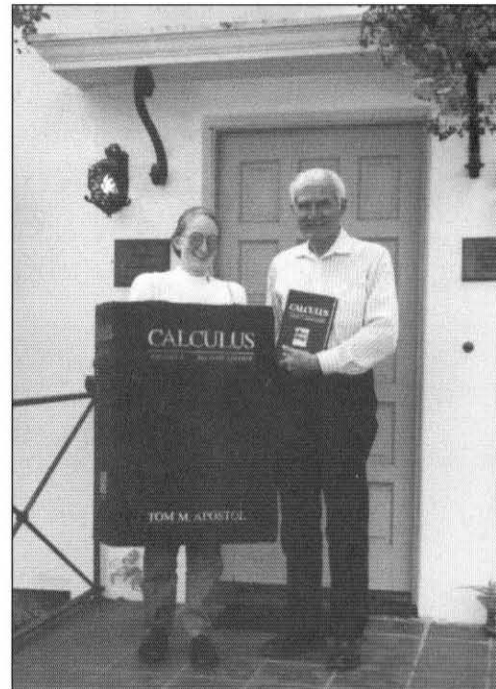
E&AS
Eugene, OR





Autumn Looijen

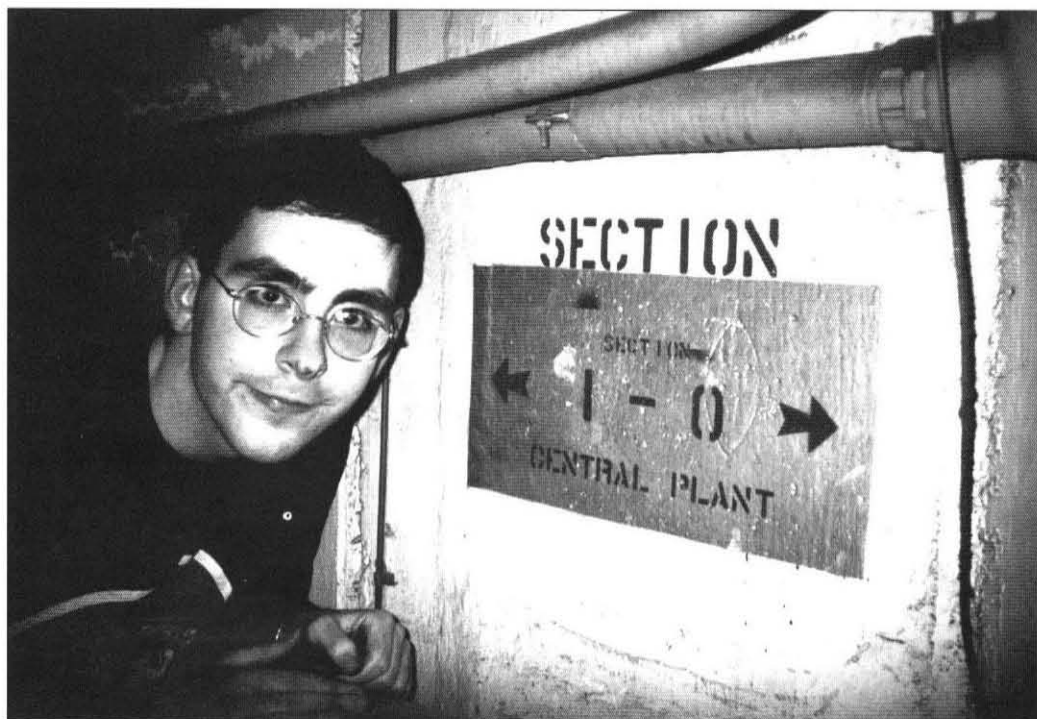
E&AS
Kirkland, WA
Dabney Hovse



Erik Streed

PHYSICS
Minneapolis, MN
Blacker Hovse & Fleming Hovse

— No good deed goes unpunished.



Mic Westcoat

ECONOMICS AND E&AS
Long Branch, PA

— Life is to Live.



Allison Denise Roberts

E&AS & LITERATURE
Memphis, TN
Blacker Hovse



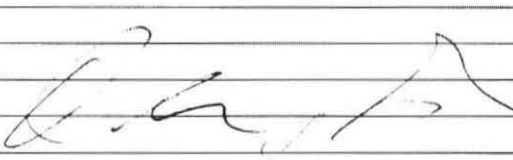
"But I don't want to go among mad people," Alice remarked.
"Oh, you can't help that," said the Cat:
"we're all mad here. I'm mad. You're mad."
"How do you know if I'm mad?" said Alice.
"You must be," said the Cat,
"or you wouldn't have come here."

Lewis Carroll, Alice in Wonderland.

Darbie

Memphis, TN
Defender of the Realm
γδβγ



For _____		Urgent <input checked="" type="checkbox"/>	
Date _____	Time _____		
While You Were Out			
M	Physics		
Of	Blacker		
Phone			
	AREA CODE	NUMBER	EXTENSION
Telephoned	<input type="checkbox"/>	Please Call	<input type="checkbox"/>
Came To See You	<input type="checkbox"/>	Will Call Again	<input checked="" type="checkbox"/>
Returned Your Call	<input type="checkbox"/>	Wants To See You	<input type="checkbox"/>
Message	Oliver Dial		
			
Signed			



Eeyore

SLEEPING, SHEDDING,
SNEEZEMONGERING
Los Angeles, CA

Aaron Denney

PHYSICS
Idyllwild, CA
Blacker Hovse & Ruddock House



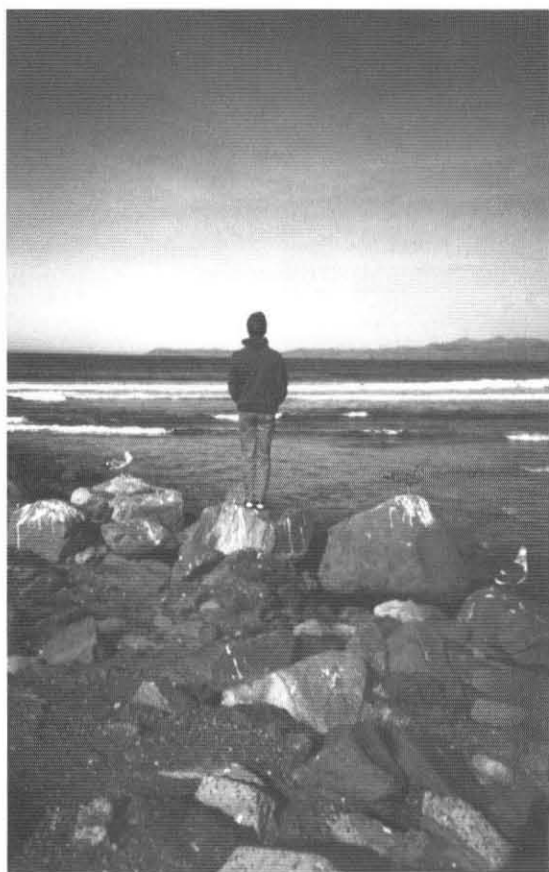
Ellen Martin

BIOLOGY
Lebanon, TN
Blacker Hovse



Micah Dedmon

PHYSICS
Whittier, CA
Blacker Hovse

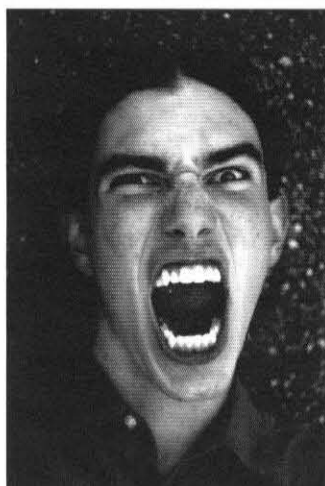
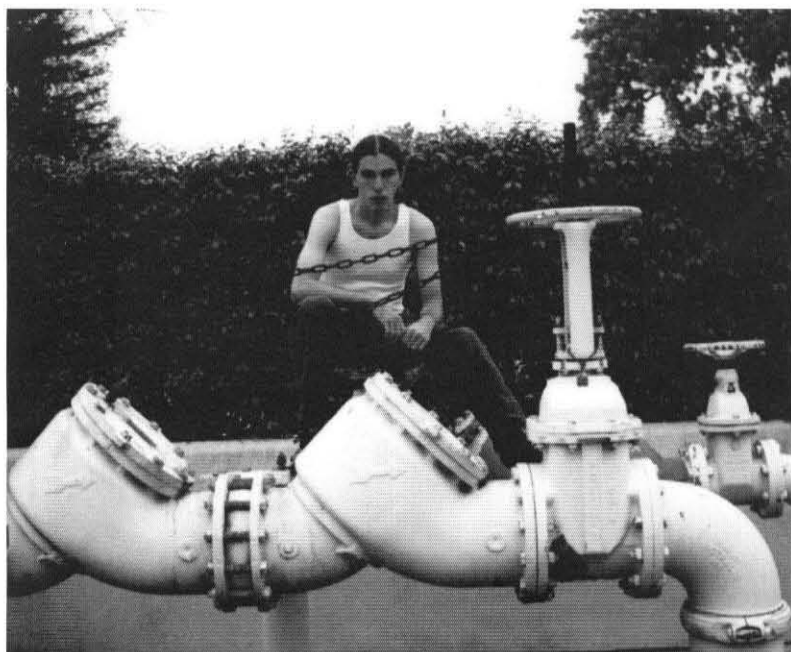


Kurt Klein

GEOLOGY
Huntington Beach, CA
Blacker Hovse

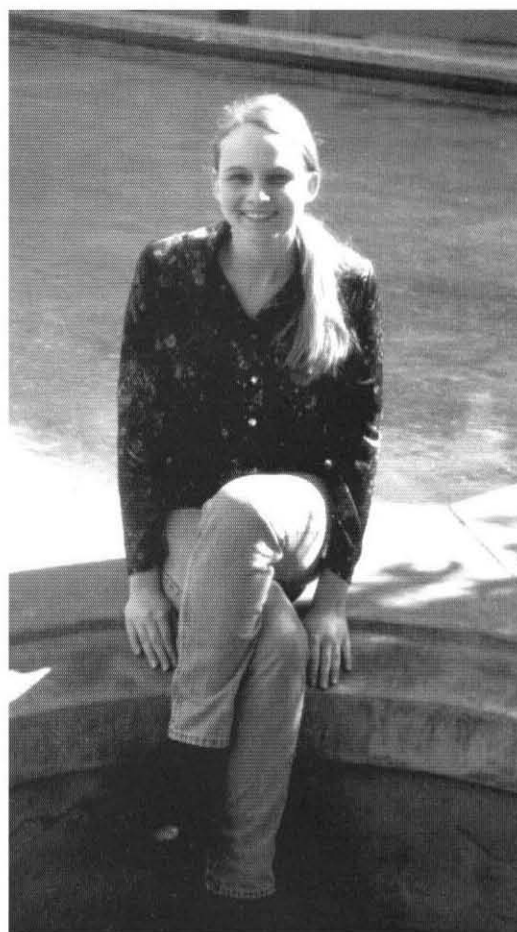


— Denali NP, Alaska



Miles Shuman

PHYSICS
Philadelphia, PA
Dabney Hovse

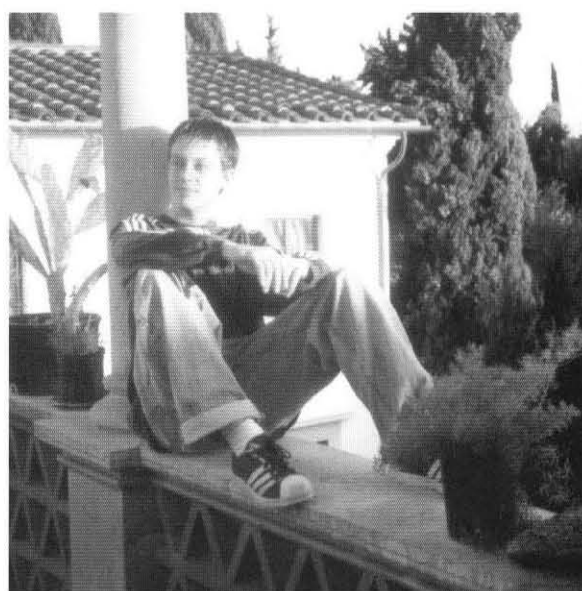


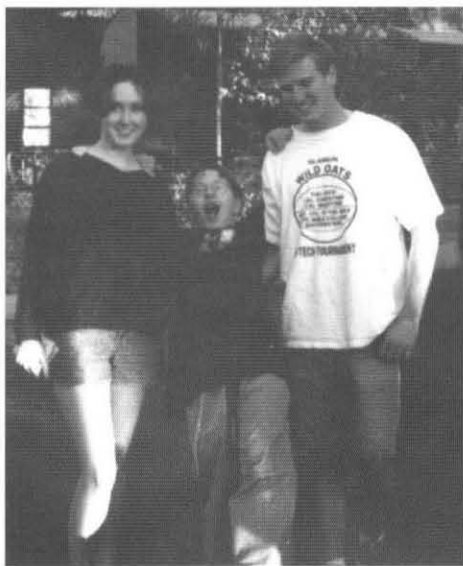
Valerie Anderson

PHYSICS
Bloomington, MN
Dabney Hovse



Ethan Snyder-Frey
BIOLOGY & COMPUTER SCIENCE
Oakland, CA





Ann Stimmler

ELECTRICAL ENGINEERING
Annandale, MN



— "Whatever women do they must do twice as well as men to be thought half as good. Luckily, this is not difficult."
Charlotte Whitton.



Anna Smirnova

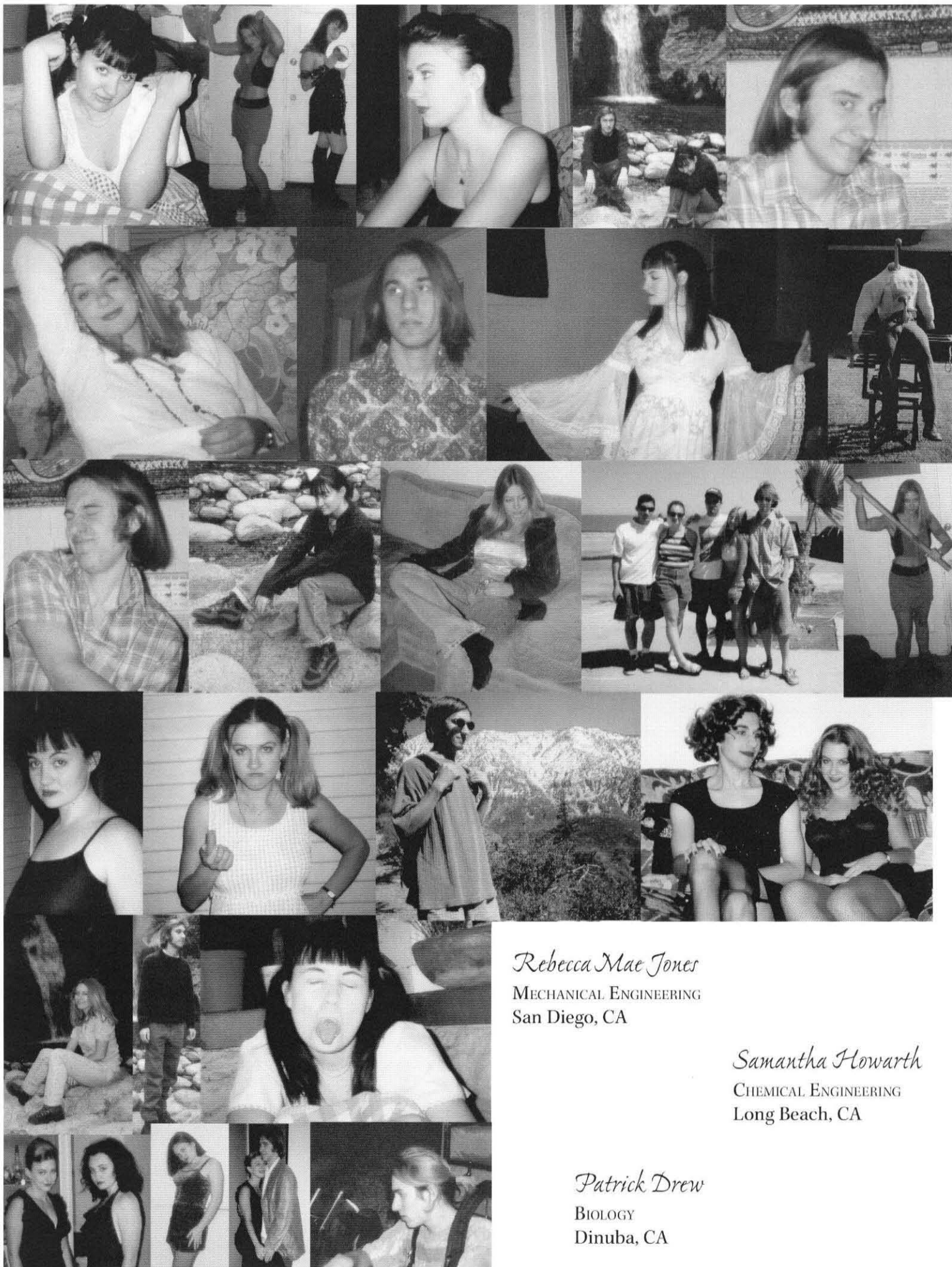
ECONOMICS
Kaliningrad, Russia



Brigitte Roth

ECONOMICS
Highland Park, CA & Bad Vöslau, Austria





Rebecca Mae Jones
MECHANICAL ENGINEERING
San Diego, CA

Samantha Howarth
CHEMICAL ENGINEERING
Long Beach, CA

Patrick Drew
BIOLOGY
Dinuba, CA

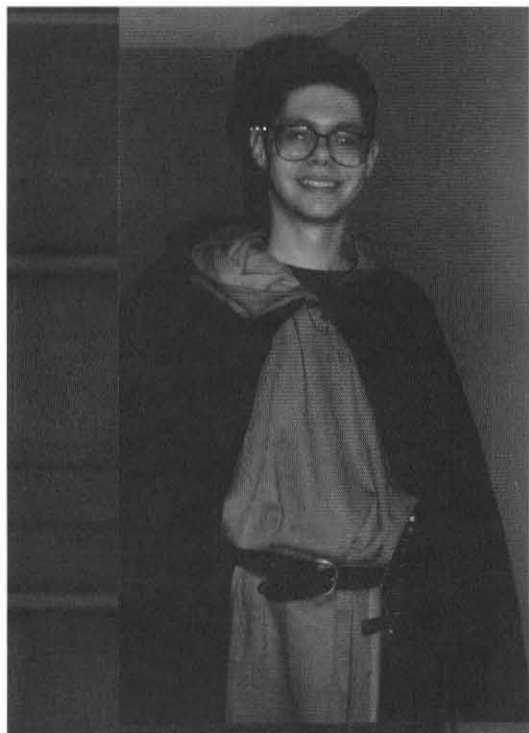
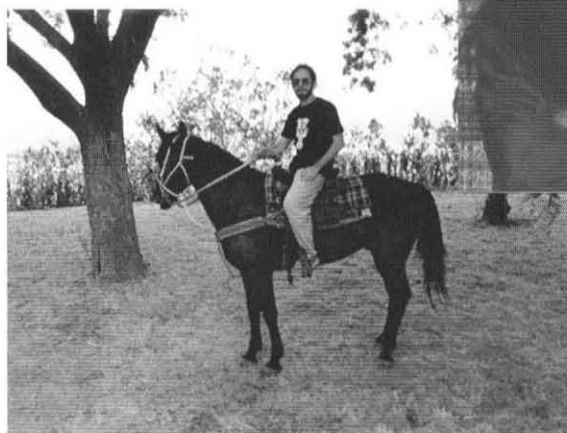
Yevgeniy Dashersky

E&AS

Kiev, Ukraine

— “She prayed for me because she believed I was blind to sin, wanting me to kneel and pray too, because to people whom sin is a matter of words, to them salvation is just a word too.”

Faulkner, As I Lay Dying.



Sander Granat

CHEMISTRY & ECONOMICS

Tarzana, CA

— “Men may sleep, and they may have their throats about them at that time, and some say knives have edges. It must be as it may.” *Nym, Henry V (II, i, 22-24)*



Maksim Narovlyansky

CHEMISTRY

Swampscott, MA

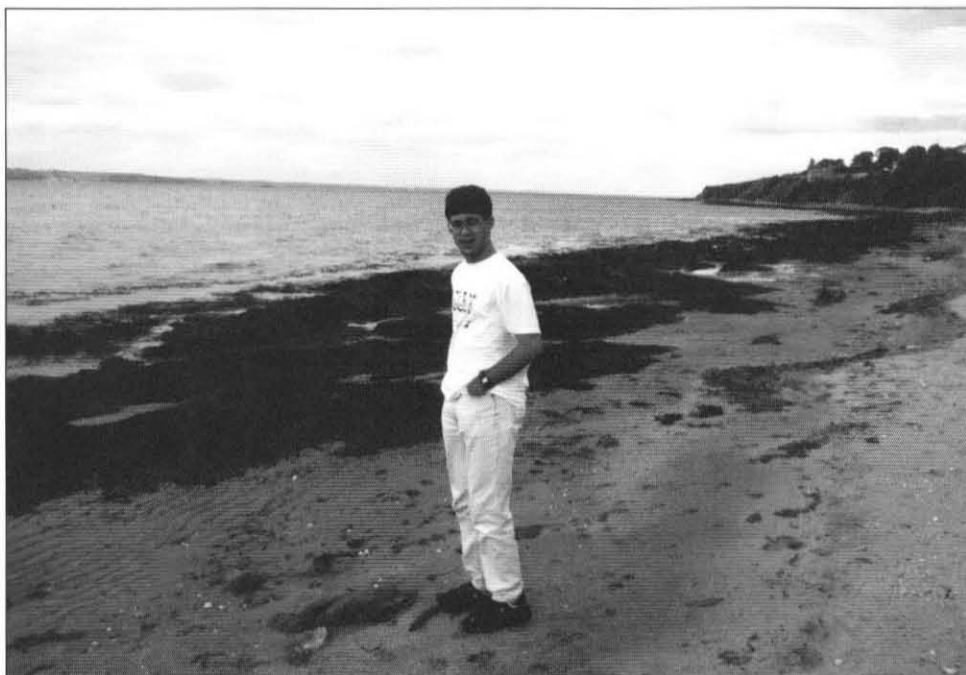
— “I know of no more encouraging fact than the unquestionable ability of man to elevate his life by conscious endeavor.”

Henry David Thoreau.

Rory Vivek McKenna

E&AS
Hinsdale, IL

— Laughter is the best medicine
(besides penicillin, of course).

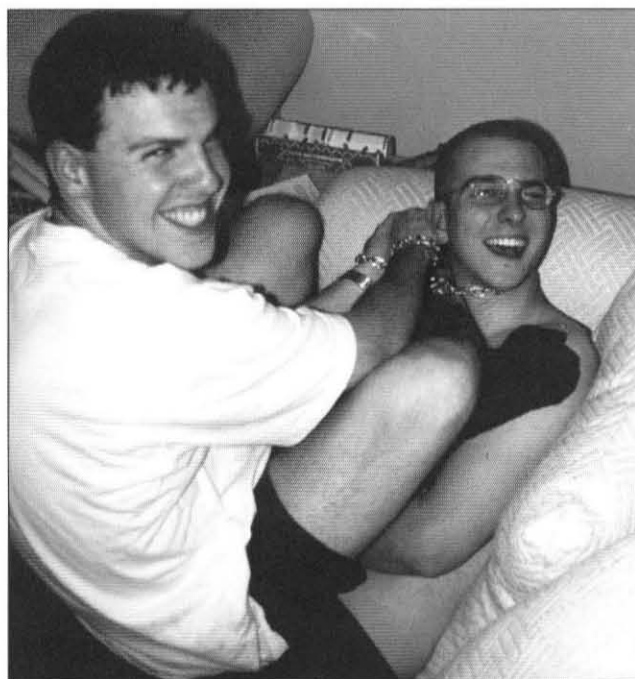


Stevie Ann Otis

BIOLOGY
Santa Ana, CA

— Four years of cabbage-smelling
circus folk, Yo-Yo-Yo-Yoda, and
step functions...aaahh yeah, loved
that step function. Kurt, Chas, Matt,
Kaycee, and Mikey—love you guys
with all my heart. Sinder, I'm calling
from the Institute for cataloging the
stupidest people on the planet, and
your name came right up! Wanna go
to Disneyland?

And ye harm none...



Clifford Ellgen

MATHEMATICS, COMPUTER SCIENCE & ECONOMICS
Oklahoma City, OK



Amy Dullard

BIOLOGY
Glen Ellyn, IL
Fleming Hovse



— "We have to demand more, not of each other, but more from ourselves."

Jewel, "Deep Water."

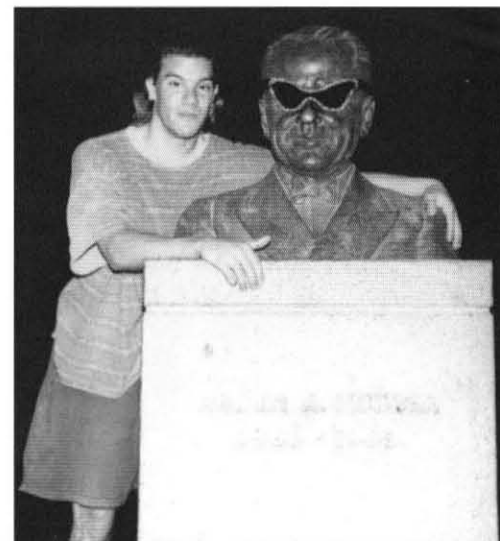


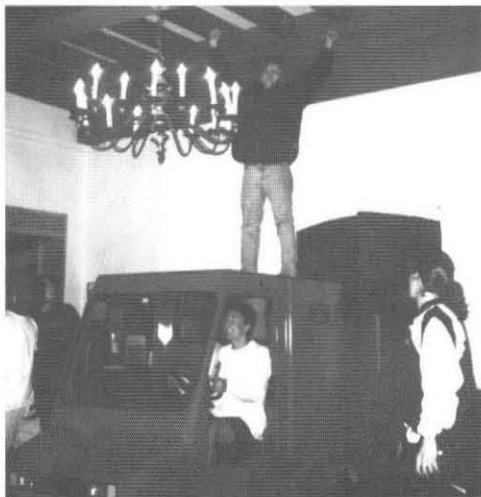
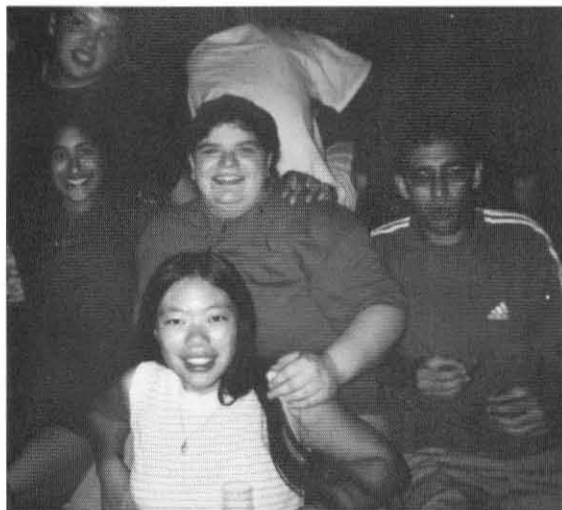
Joanne Jang

BIOLOGY & CHEMISTRY
Sacramento, CA

Bret Victor

ELECTRICAL ENGINEERING
Castro Valley, CA





We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you.

FRIENDS TO LAST A LIFETIME

Will Ofstad
CHEMICAL ENGINEERING
Portland, OR

Kara Swedlow
E&AS
Cleveland, OH

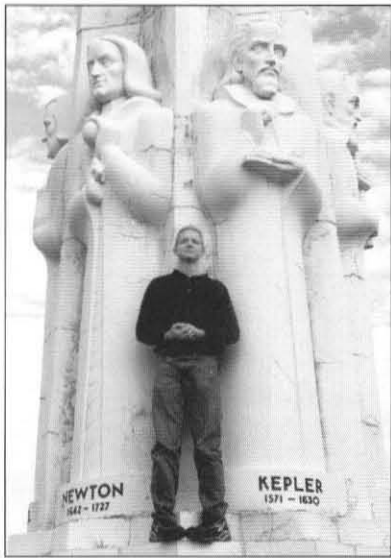
We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you.

We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you. We love you.



Phyllis Chen
CHEMICAL ENGINEERING
King of Prussia, PA

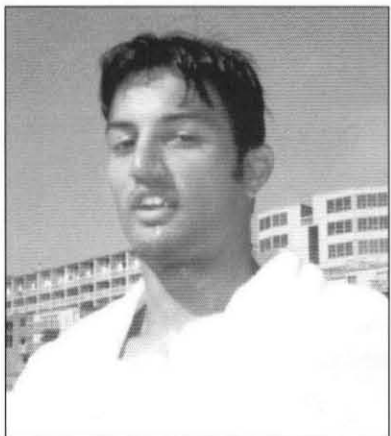
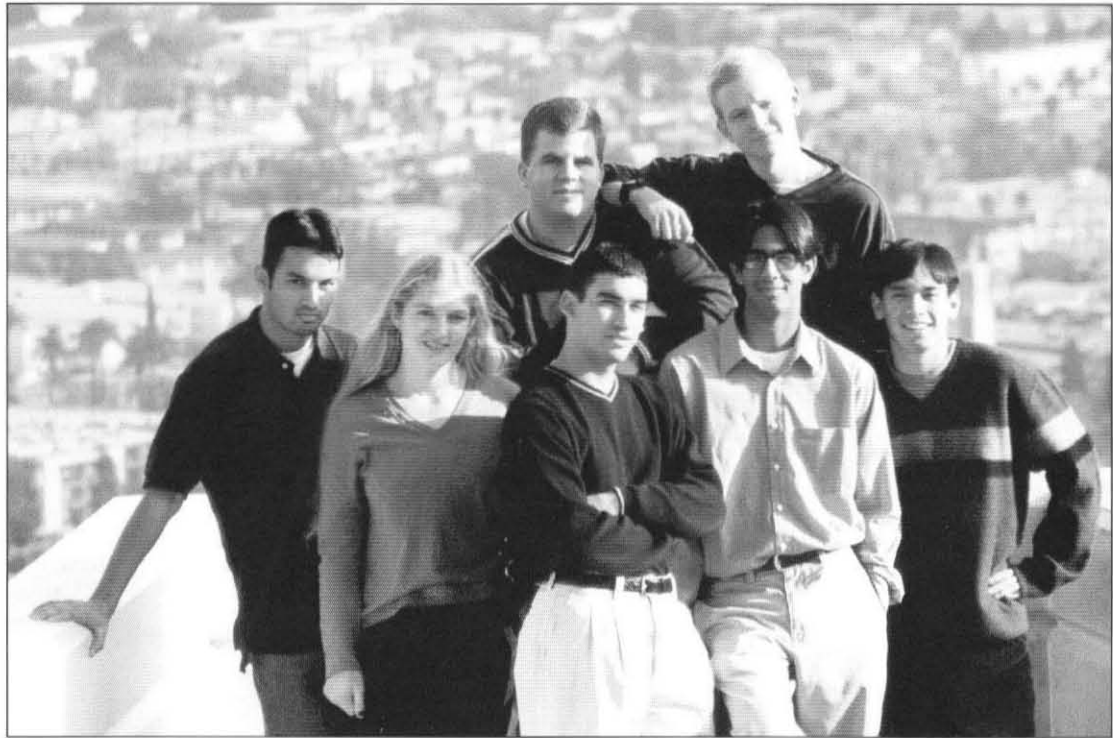




Jonathan Otto Burrows
APPLIED PHYSICS
St. Augustine, FL

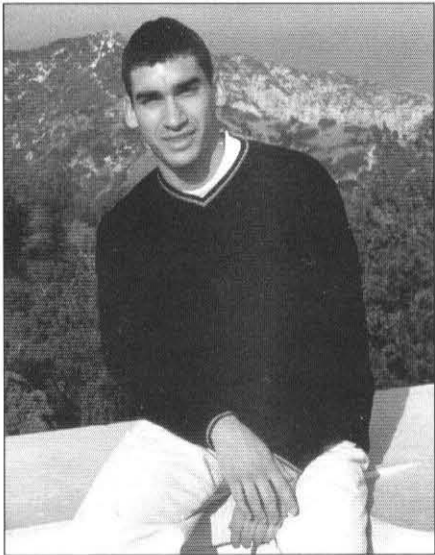
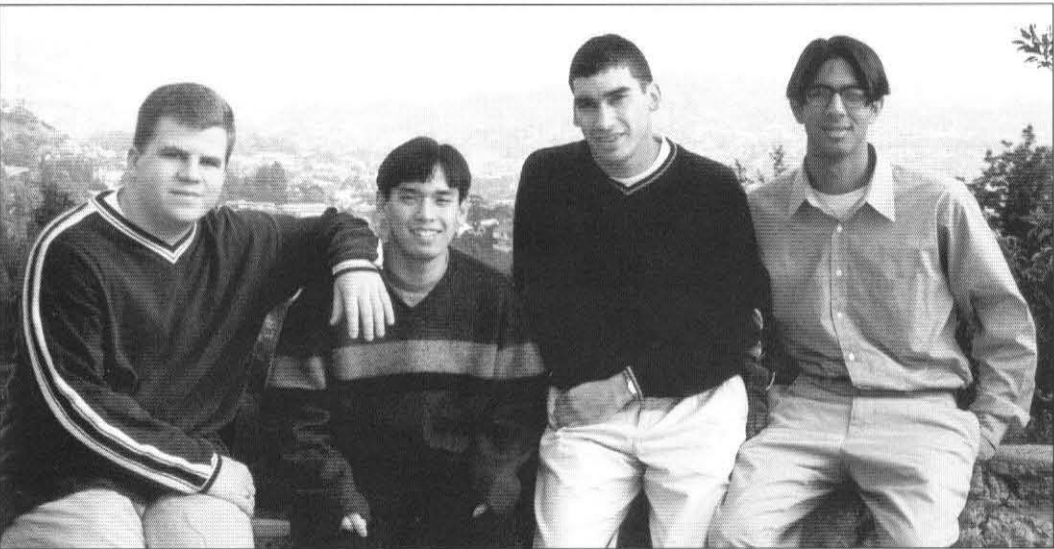


Virvian Faye McNeill
CHEMICAL ENGINEERING
Danville, CA

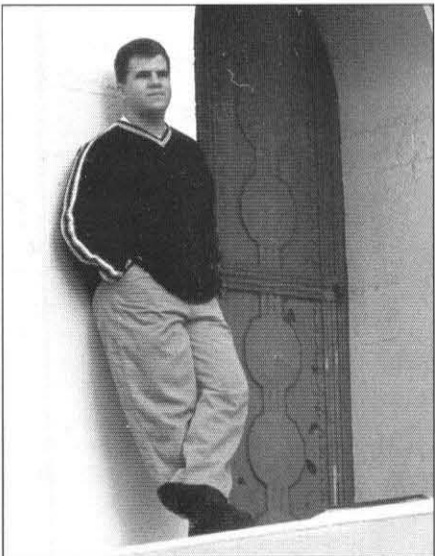
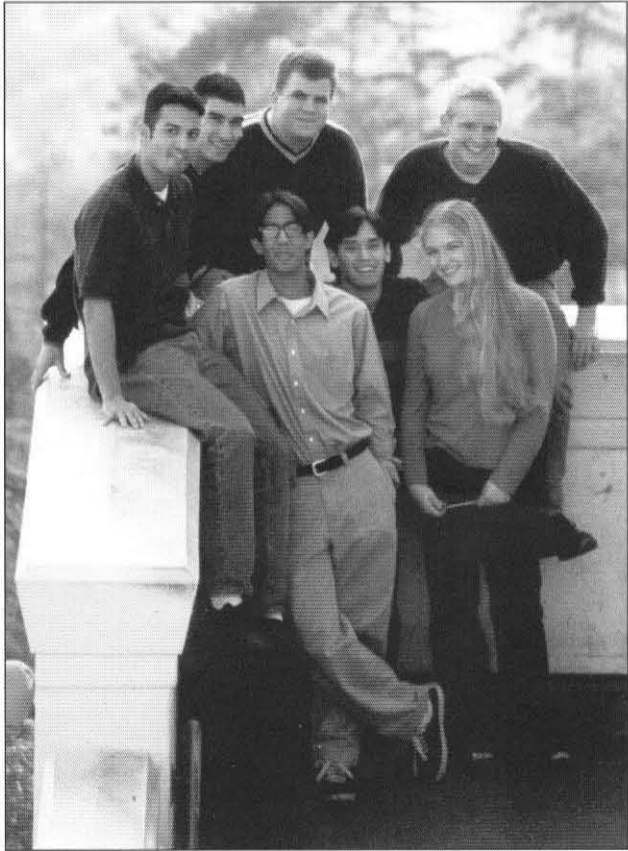


Rajat Kongori
MECHANICAL ENGINEERING & ECONOMICS
Houston, TX

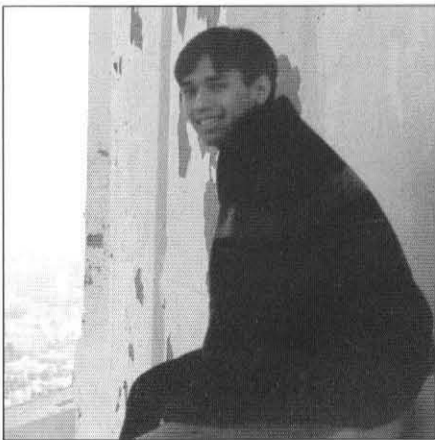




Francisco Dias Lourenco
MECHANICAL ENGINEERING
Paso Robles, CA



Anthony David Greenman
E&AS
Arlington, TX



Joseph Binamira Soriaga
ELECTRICAL ENGINEERING
College Station, TX



John Niccolai
MATHEMATICS
Fullerton, CA



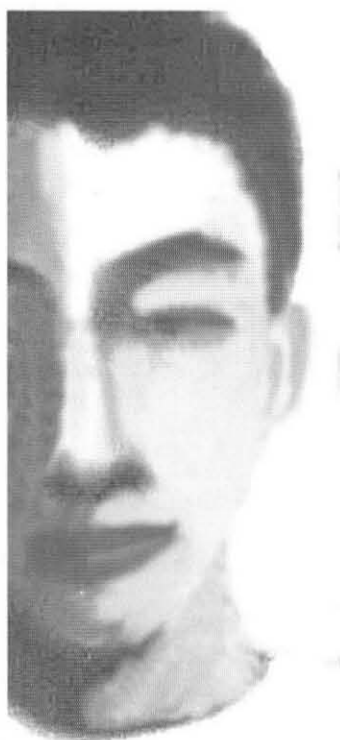
Corinne Gilliam
PHYSICS
Dallas, Texas



Sung Ha Hnh
COMPUTER SCIENCE
Rancho Palos Verdes, CA



Jeffrey Custer
E&AS
Corona, CA

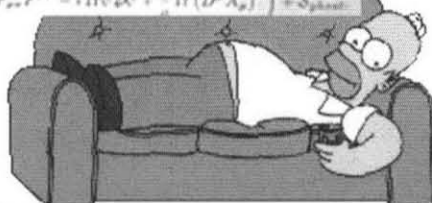


William Kung
PHYSICS
Alhambra, CA



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$$i = \int dt \left(\frac{1}{2\alpha} \text{Tr} F_{\mu\nu} F^{\mu\nu} - i \text{Tr} \psi \not{D} \psi + \frac{1}{\alpha} \text{Tr} (D^\mu A_\mu)^2 \right) + S_{\text{ghost}}$$



Juan Oleaga
MATHEMATICS
Vizcaya, Spain



Victor Huang
CHEMISTRY & COMPUTER SCIENCE
Singapore

«On a tous un peu peur de l'amour, mais on a surtout peur de souffrir on de faire souffrir.»
[We are all a little afraid of love, but we are even more afraid of pain or causing pain.]



What is a friend?
A single soul dwelling in two bodies.
Aristotle

Love is not just looking at
each other, it's looking in the
same direction

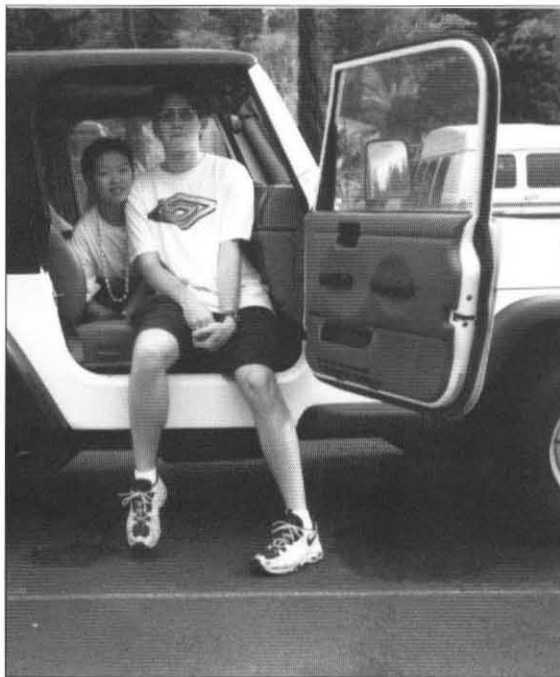
Saint-Exupery



Jacques Frechet
COMPUTER SCIENCE
Oakland, CA



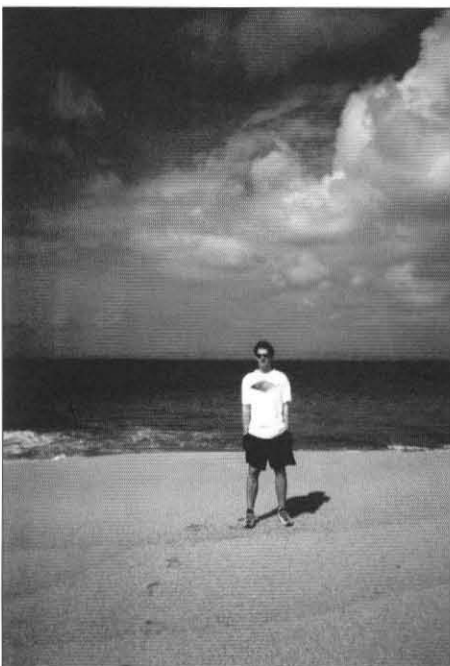
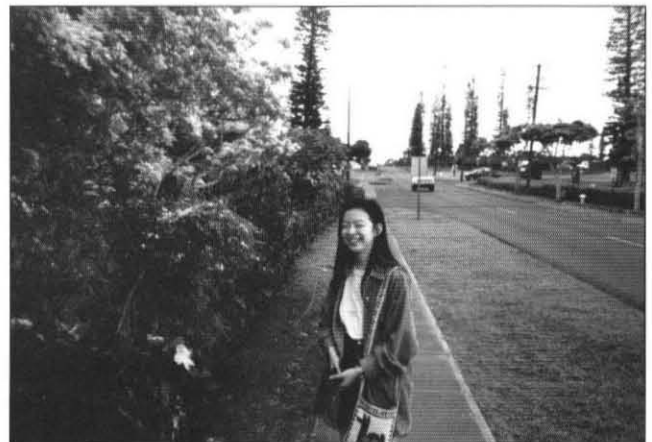
Wesley Tanaka
COMPUTER SCIENCE
Aiea, HI

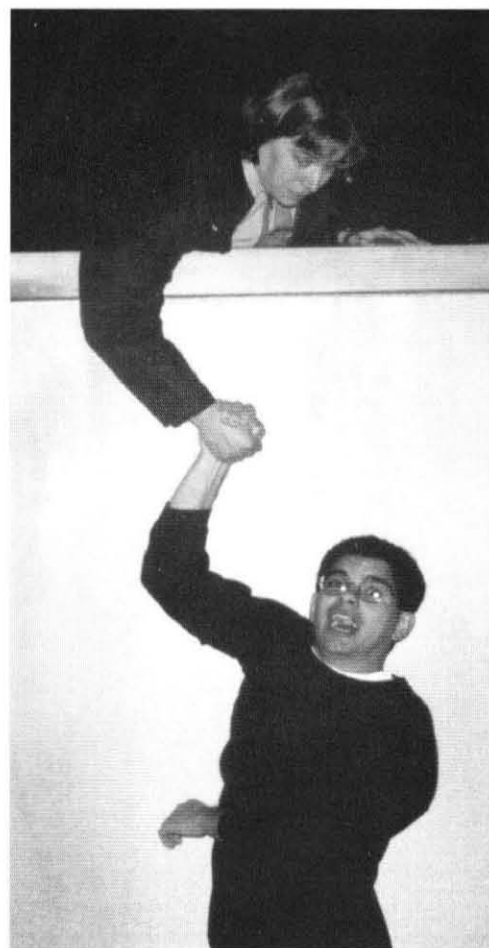
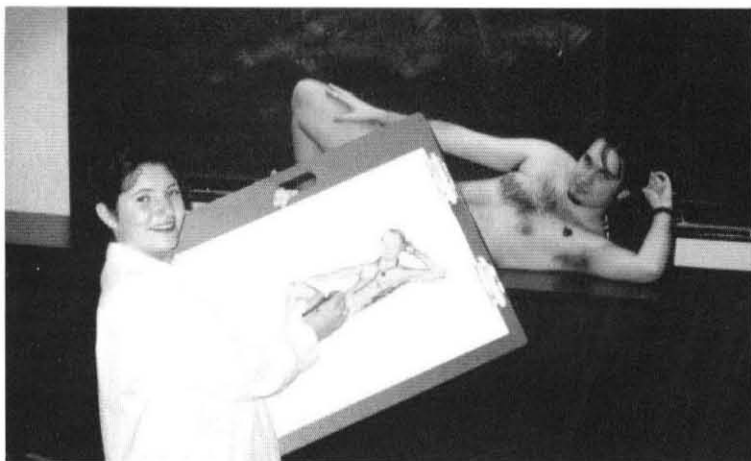
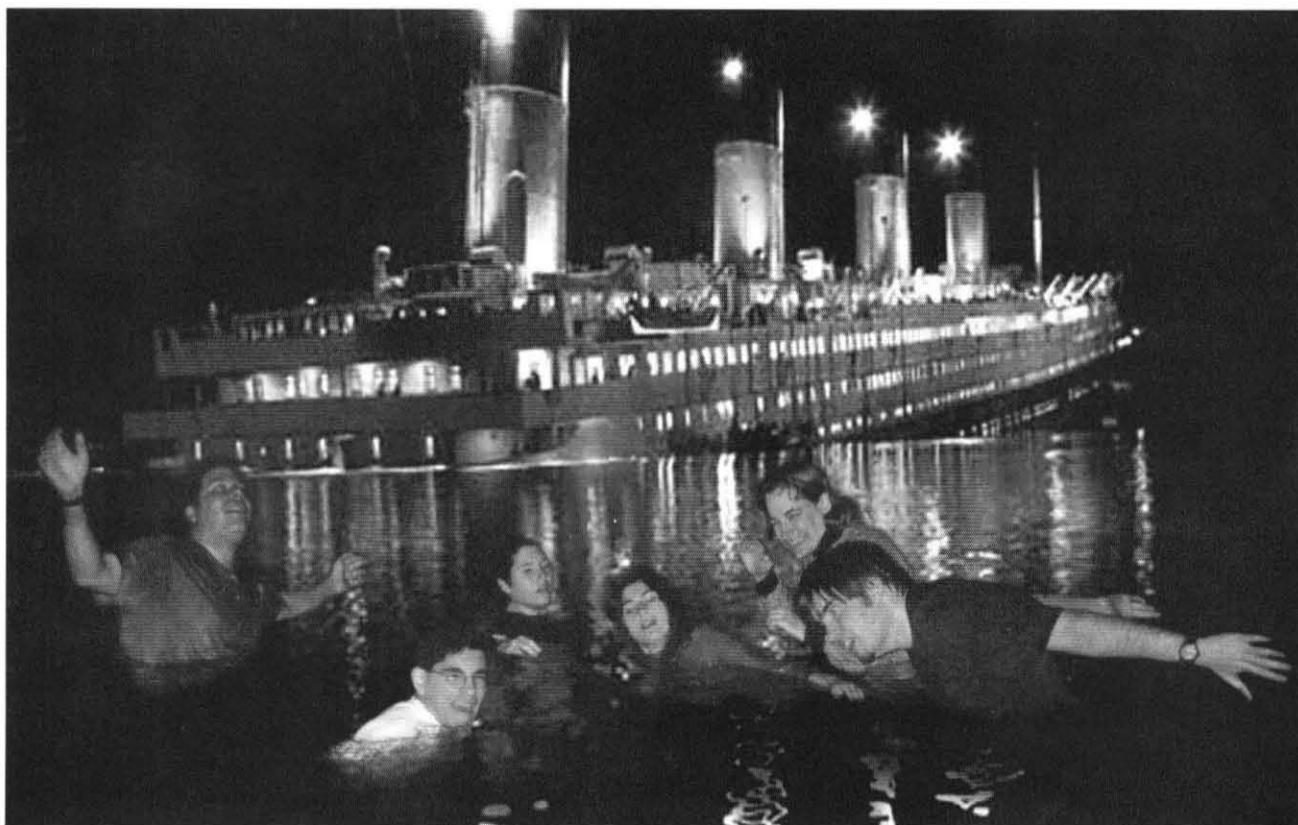


Ben Freeman
APPLIED MATHEMATICS
Kingsport, TN

Mingjing Huang
E&AS
Tempe, AZ

Joe Fouché
APPLIED MATHEMATICS
Colorado Springs, CA



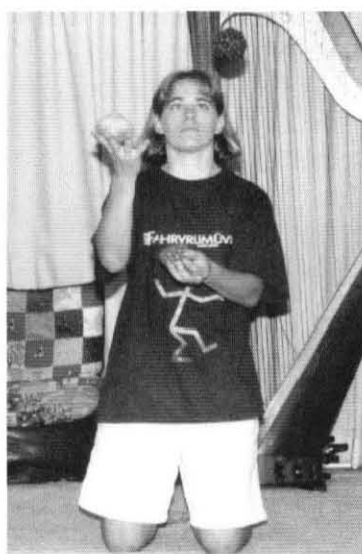




Neema Jalali
COMPUTER SCIENCE
Bellevue, Washington



Adrienne Bourque
MECHANICAL ENGINEERING
Tucson, Arizona



Emma Goldberg
PHYSICS
Los Angeles, California

blend:
1 habanero chile
1 yellow tomato
3 papayas
3/4 cup orange juice
2 T lime juice
1 T vinegar
1 T water
1 t sugar
freeze



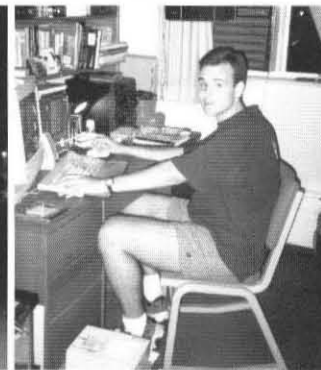
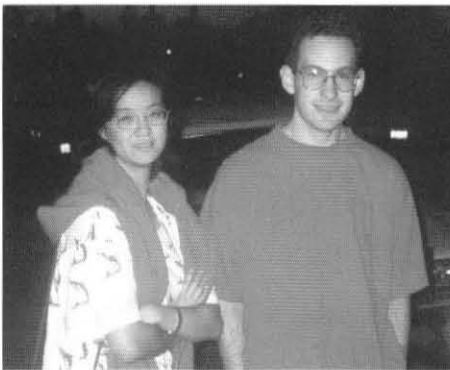
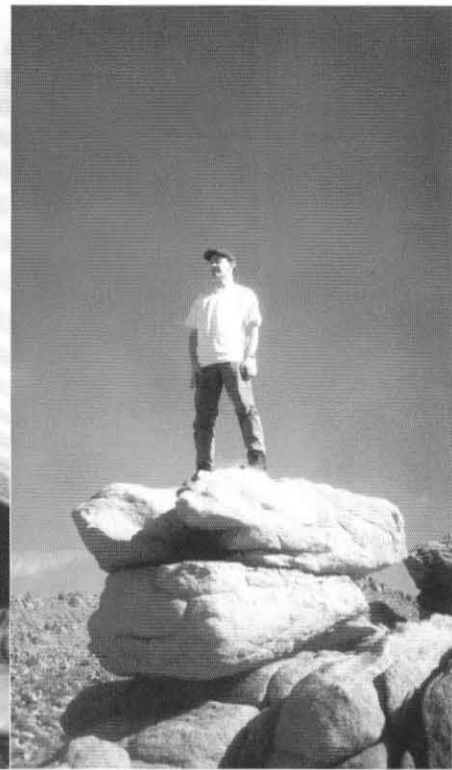
John Meacham
COMPUTER SCIENCE
Westminster, California



Andrew Lancius
COMPUTER SCIENCE
Wyncote, Pennsylvania



Klejda Bega
PHYSICS
Tirana, Albania



Joseph K. Blitzstein

MATHEMATICS
Los Angeles, CA



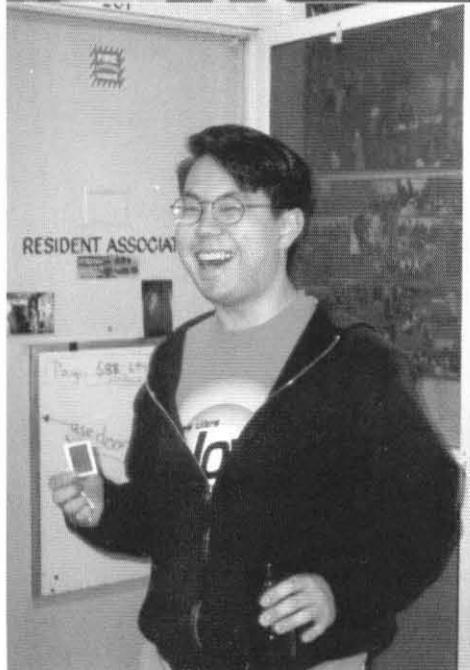
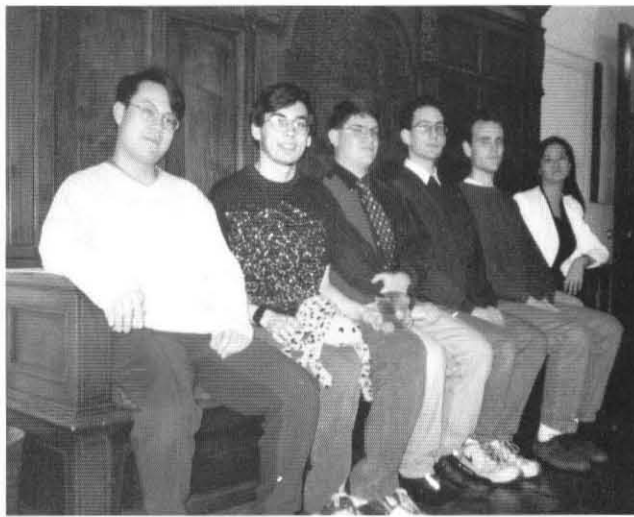
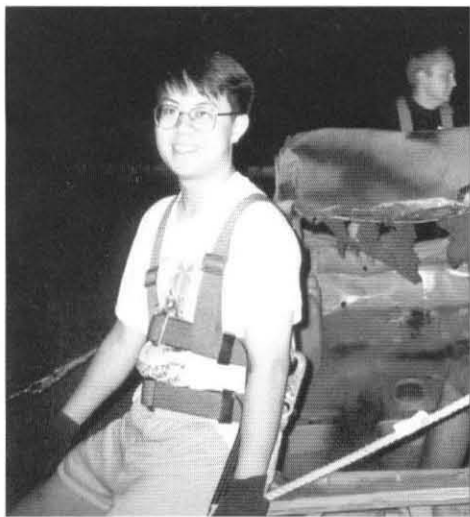
Jeremy T. Boulton

COMPUTER SCIENCE
Eugene, OR

Aaron K. Higgins

E&AS
Tulsa, OK



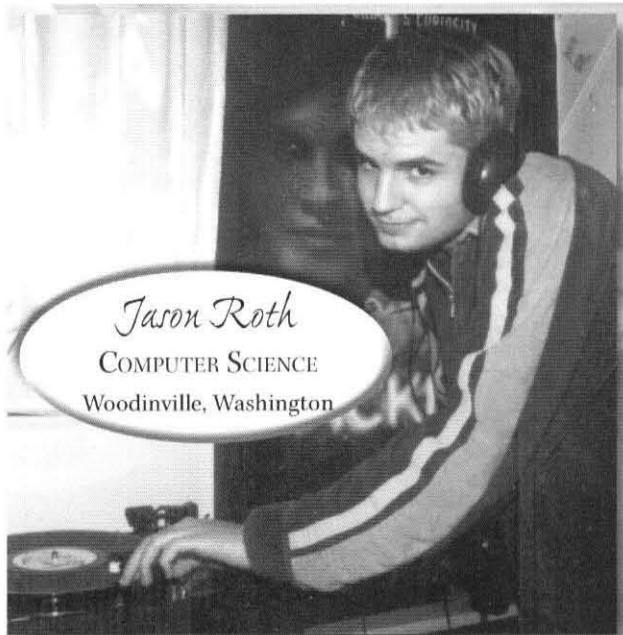


Yongkai Ow
CHEMICAL ENGINEERING & BIOLOGY
Singapore

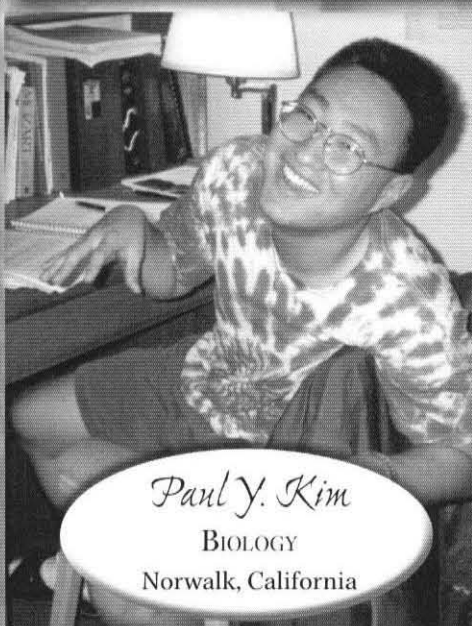
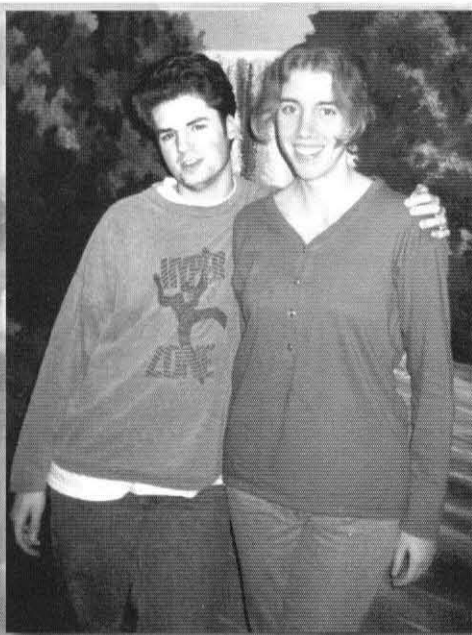


David A. Williams
E&AS & LITERATURE
Katy, TX

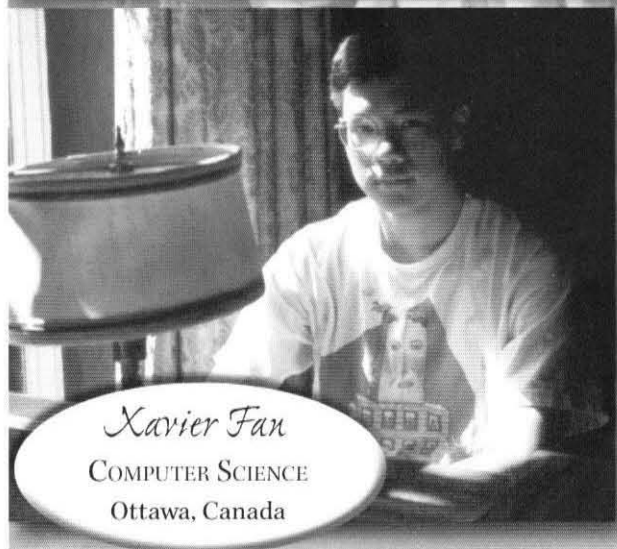
Aaron K. Oei
ELECTRICAL ENGINEERING
Cypress, CA



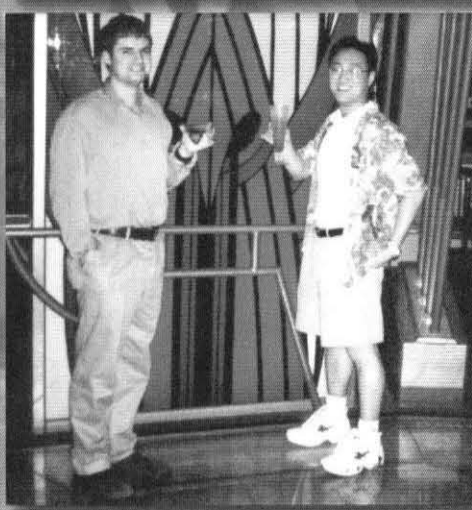
Jason Roth
COMPUTER SCIENCE
Woodinville, Washington



Paul Y. Kim
BIOLOGY
Norwalk, California



Xavier Fan
COMPUTER SCIENCE
Ottawa, Canada

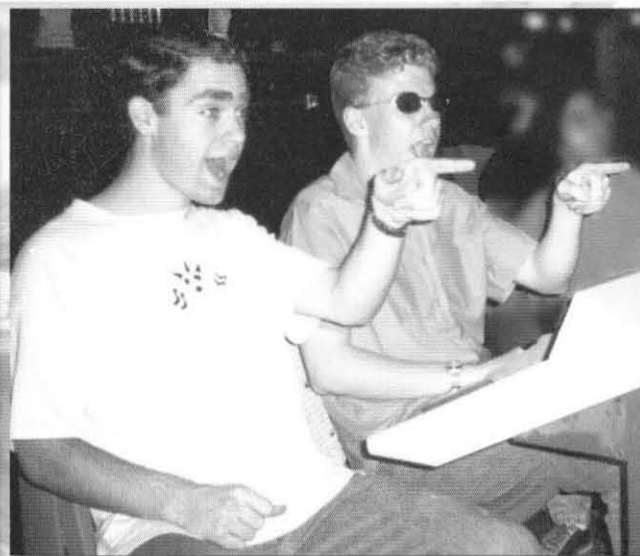




Laura Gossett

BIOLOGY

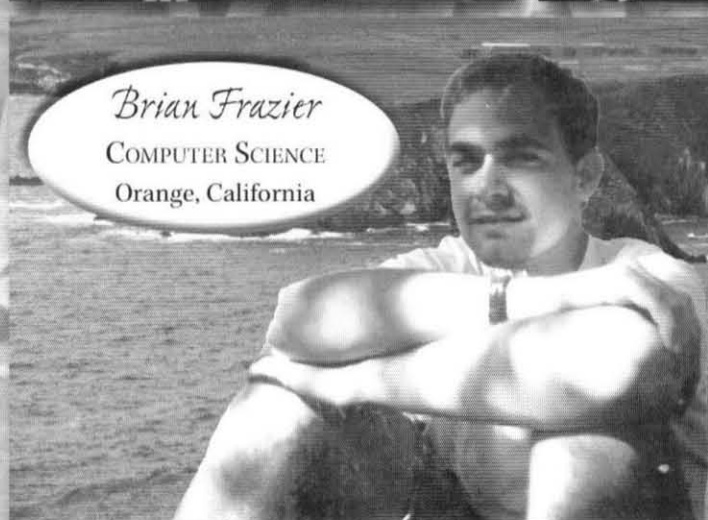
Santa Ana, California



Eric Bogs

COMPUTER SCIENCE

Whiting, Indiana



Brian Frazier

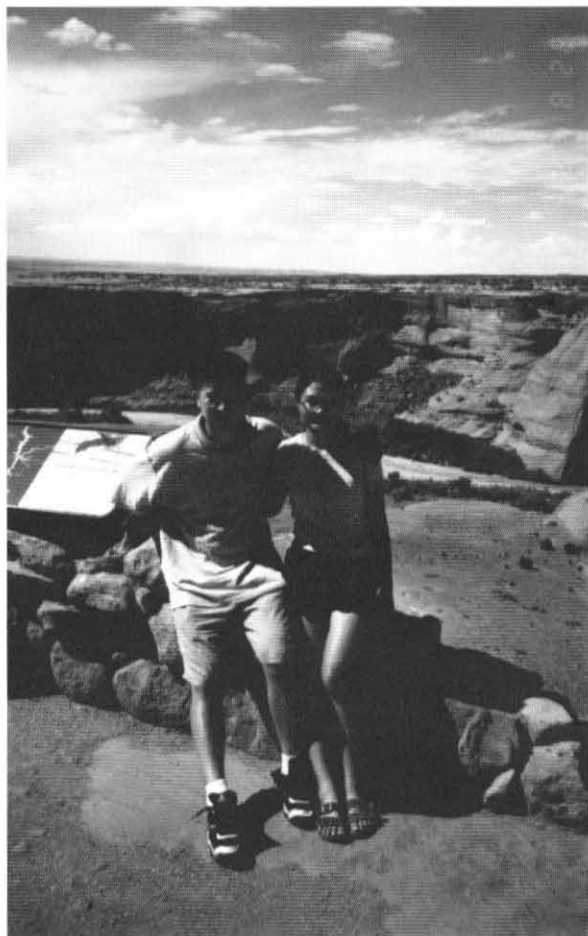
COMPUTER SCIENCE

Orange, California





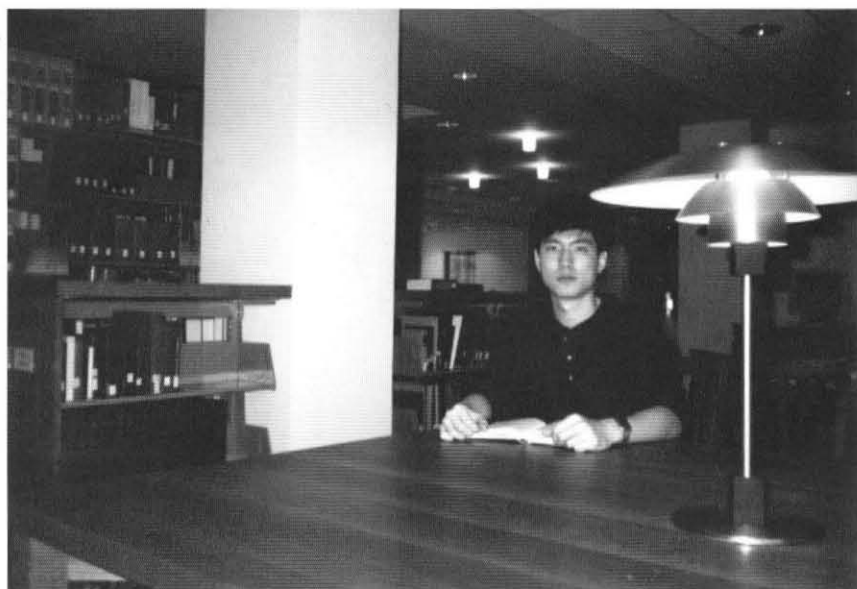
Jian Ye
ELECTRICAL ENGINEERING
Naperville, IL

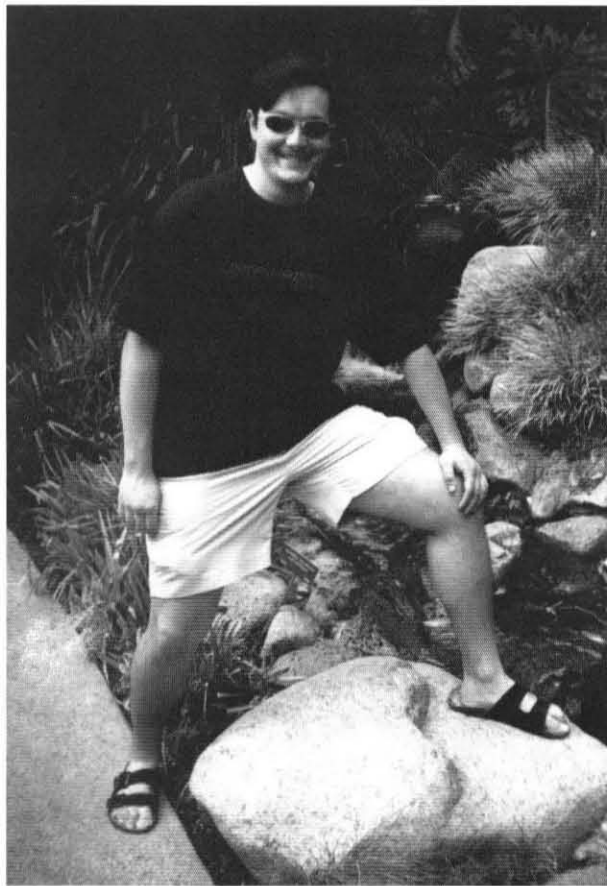


Minxi Gao
ELECTRICAL ENGINEERING
Wenzhou, China

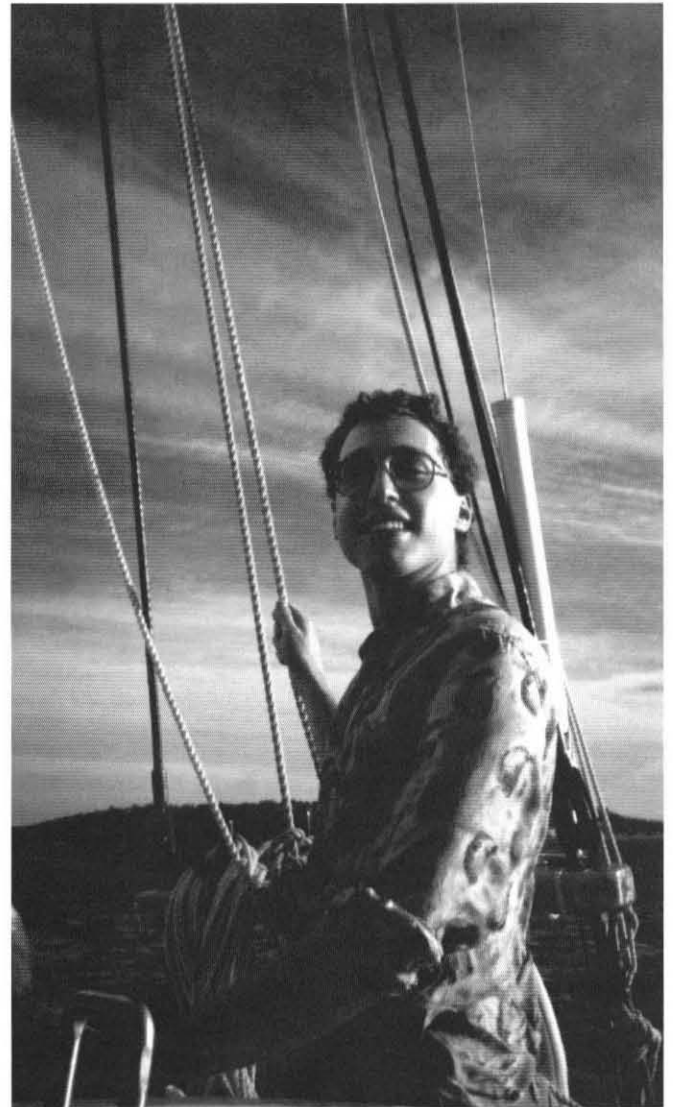


Hai-Xin Tie
ELECTRICAL ENGINEERING
Beijing, China





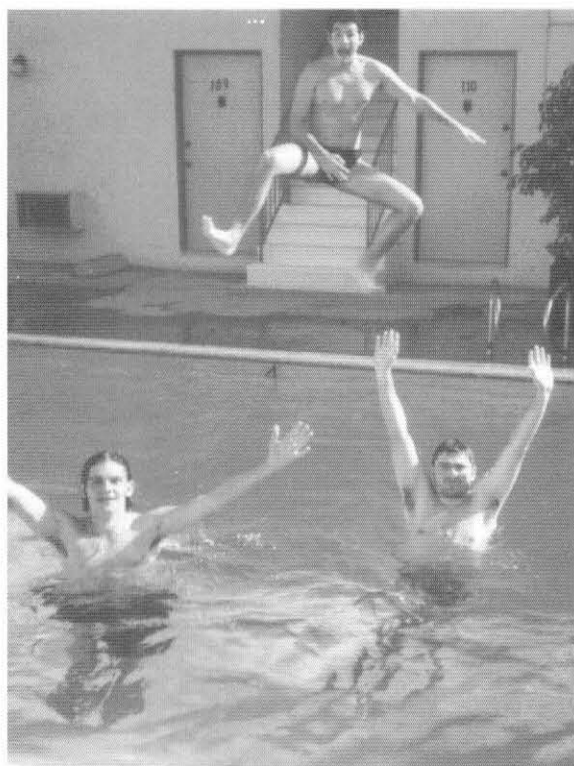
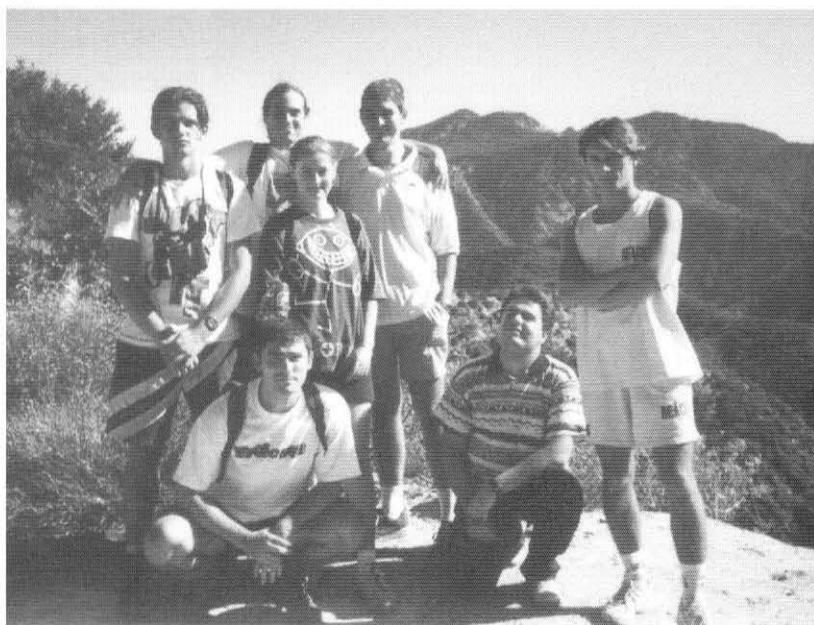
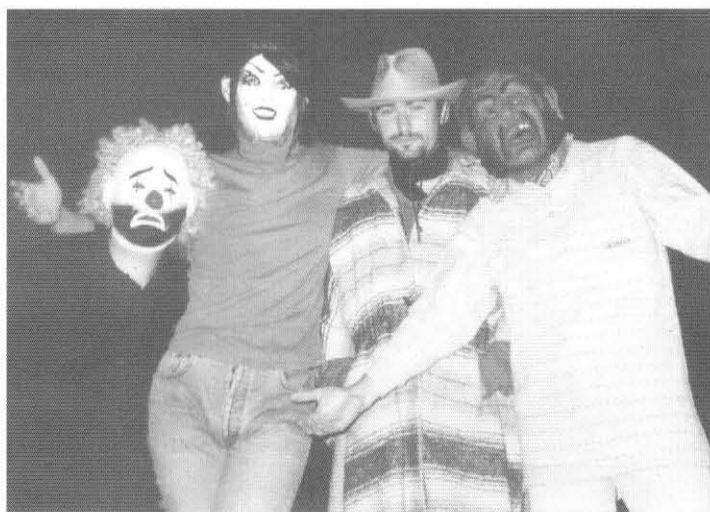
Andre Tkachenko
ELECTRICAL ENGINEERING
Sunnyvale, CA

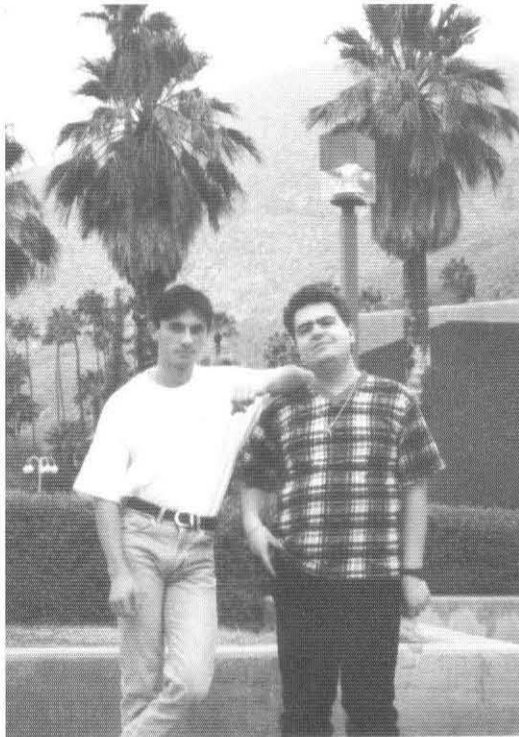


Yaniv Inbar
COMPUTER SCIENCE
Israel



Vladimir Mitsner
BIOLOGY
Houston, TX





Counter-clockwise, starting from top-right:

Gaby Stredie, APPLIED MATHEMATICS, Reghin — Romania

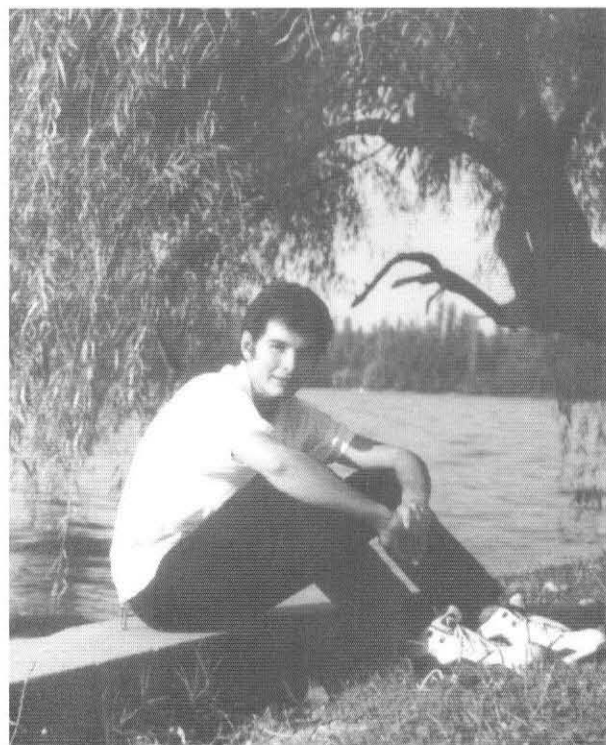
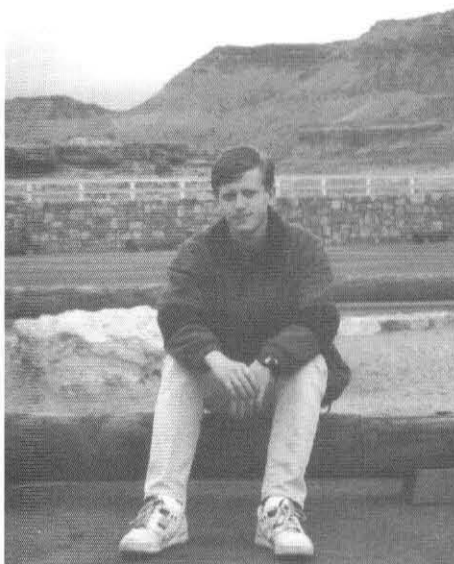
Tudor A. Borman, E&AS (CS), Bucuresti — Romania

Liviu Mirica, CHEMISTRY, Buzau — Romania

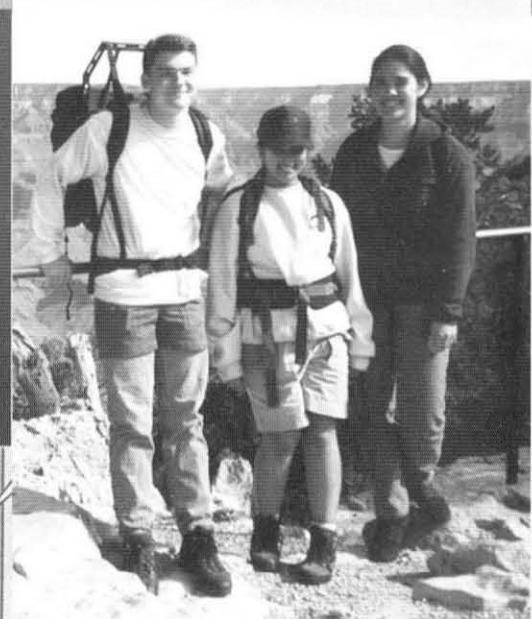
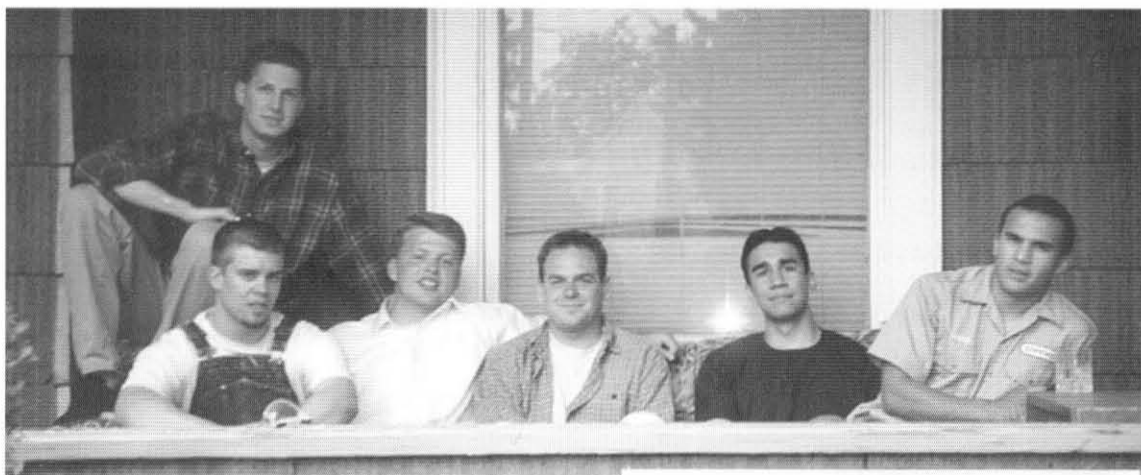
Petru N. Chebelen, E&AS (CS), Dabney Hovse, Bucuresti — Romania

Erich R. Schmidt, E&AS (CS), Sighetu Marmatiei — Romania

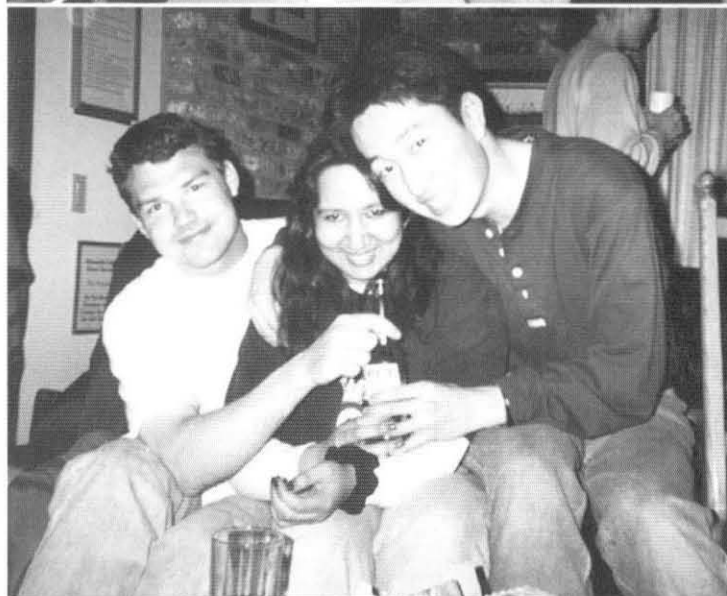
Cristian Tapus, E&AS (CS), Bucuresti — Romania



Matt Johnson
MECHANICAL ENGINEERING
Connell, WA



David Hackenson
E&AS
Houston, TX



Grant Williams
E&AS
Bonanza, OR



Garan Kumar Gupta

E&AS

Torrance, CA

Page House



Gabriel Miller

BIOLOGY & CHEMISTRY

Bonsall, CA

— “He does not seem to me to be a free man who does not sometimes do nothing.”

Cicero.

— “Everything I ever said on the record was the truth, I been a knucklehead since my youth.”

Poison Clan.

207

Benjamin Hendricks

PHYSICS

Shafter, CA

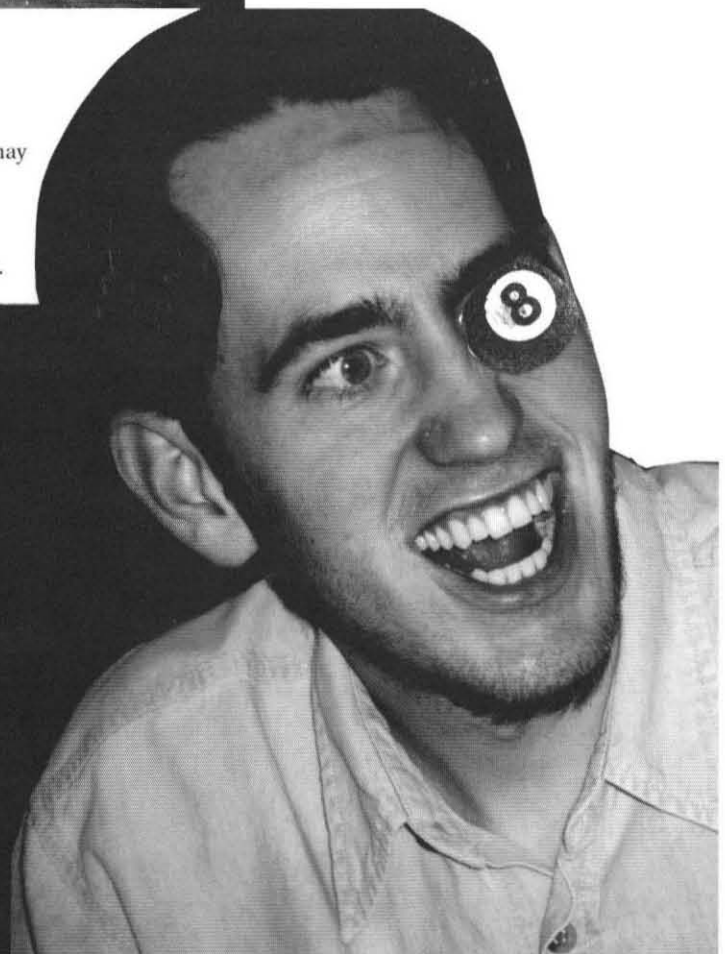
eight ball *n. Games.*

A black pool ball that bears the number eight & that may put a player at a disadvantage.

— **idiom:**

behind the eight ball. *Slang.*

In an unfavorable or uncomfortable position.

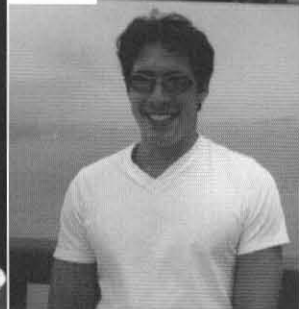


Robert Radoslaw Osada

COMPUTER SCIENCE & MATHEMATICS

Shoreview, MN

— "all things appear little – all the knowledge, that can be acquired, child's play – the universe itself – what but an immense heap of little things?" *Samuel Taylor Coleridge.*



Mike Fisher

APPLIED MATHEMATICS

Toledo, OH

— "Every weirdo in the world is on my wavelength."
Thomas Pynchon.



Dave Goulet

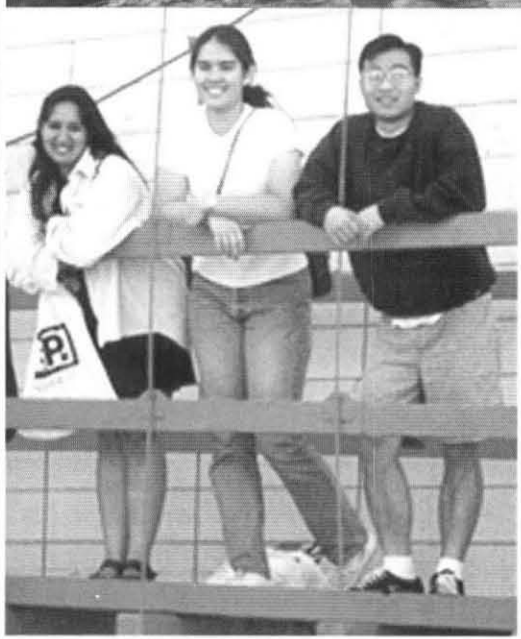
APPLIED MATHEMATICS

South Portland, ME

— "Sanity is the playground of the unimaginative."
Jim Morrison.

Joanna Lynn Dodd

CHEMICAL ENGINEERING
Riverside, CA
— "Wheresoever you go, go with all your heart."
Confucious.

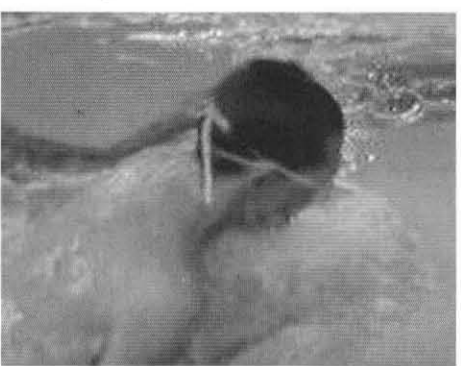
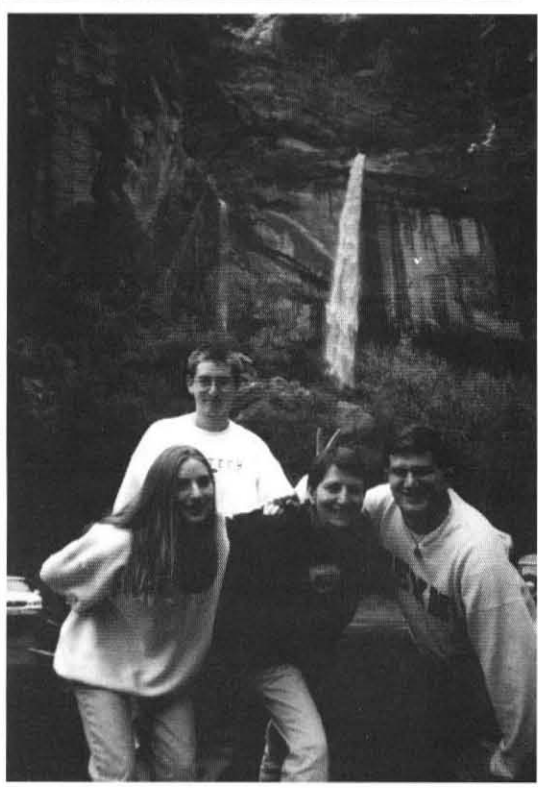


Sibani Lisa Birwal

CHEMICAL ENGINEERING
San Ramon, CA
— Being a friend is about trust.



tee-pee!



Koen Verbrugge

BIOLOGY
Collegeville, PA
Page House



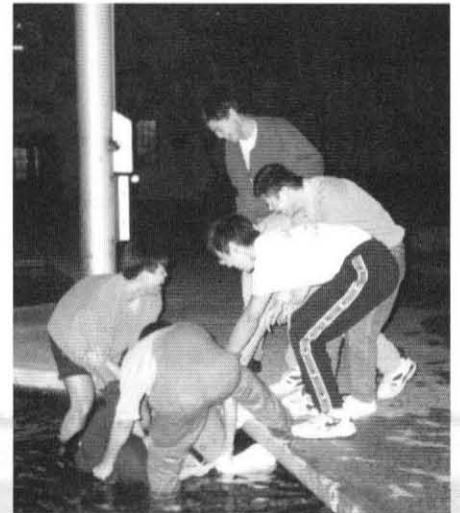


SAMUEL LEE
Houston, Texas
Electrical Engineering

Pig for Carl
Carl's 22nd Birthday, Senior
Year



Brian gets his...
Hung's Birthday
Senior Year



JOSH SHAO
Palo Alto, California
Electrical Engineering

The Ride of the Valkyries
(in the middle of EE20)

"Brave Sir Brian ran away!!
When evil reared its ugly
head, he quickly turned his
tail and fled, brave, brave,
brave, brave, Sir Brian!"



BRIAN TABA
Cupertino, California
Electrical Engineering



Doing what we do best

Brian doesn't look too happy doesn't he? He
must know what we have in store for him



CS 2
Anal Track Ph1b
Prac Track Ph1b

CS 3
Ma 2a for "Smart" Kids

Ma 2a
EE 20a
Ch 41a EE 51

Catalina trip
9/20-9/22

Last "real" vacation

Grades start

Defeated

95
AGE of INNOCENCE

INNOCENCE STOLEN

INNOCENCE LOST

HOPE to SURVIVE

Operation Bathroom Storm

Mt. Wilson Trip

Mortal Kombat @ the Academy

Brian get's wet thrice!

King Carl dethroned to Millikan pond

Ultima 7 - Warcraft I
Chuck Yeager Air Combat
Puyo Puyo - Jewel Box

X-Com I - Wing Commander 4

X-Com II - Warcraft II

Warcraft II - Warcraft II - Warcraft II



When we were still young and happy
(Freshman Year)

Mortal Kombat, Taba Style
(arranged by Ben) - date unknown, doesn't
matter. I've done lots of these



HUNG VIET DAI TRAN
Oakland, California
Electrical Engineering



BEN WU
Tappan, New York
Electrical Engineering



Tahoe Trip, December '98;
snowmen (from left to right) Greg, Josh,
Brian, Ben (no one else matters)

Ben doing... ummm... what he normally does

Thanksgiving '98, (we're only pretending to
be happy.)



KE-JIA ZHA
Chicago, Illinois
Electrical Engineering

Ch 41b
EE 20b

EE 52

EE 53
Ch 41c

Ama 95a
Aph 180
Env 142
Bi/Ch 110

Ama 95b

The Ride of the Valkerie

LOST HOPE

Trips to Cafe

1997
HANGING ON

Death of Diablo

TRYING TIME

DAZED & DISORIENTED

Happy 21st

Diablo - Diablo - Diablo

Master of Orion II - Road Rash

Chronotrigger - Bomberman 5

Myth II - Final Fantasy III - Wing
Commander Prophecy



ADRIANE CHIU
Walnut, California
Environmental Eng.

Ahh, Frosh Camp... when minds were fresh
and untainted by bitterness
Fall '95

Carolyn and Alfred in Heavenly
(the only ski resort
that covers two states!)
Winter '98

Hangin' in Death Valley (not Caltech)
on the way to Tahoe
Winter '98



ANGELA LIN
Alhambra, California
Environmental Eng.



JANICE YEUNG
Pasadena, California
Biology



Awwwww... look at these three,
so "piaopiao!"
Dress Dinner '96



Who says only EE's have fun!?
Hey where's Brian?
Angela's 22nd Birthday

EE 40
EE 160
BI/Ch 111
EE 90

AM 151
EE 151
Env 148
EE 91a

EE 91b

THE STACK

1998
NUMBER

Brian visits the Gene Pool

REGRET

Carl got pig

Thanksgiving @ Ben's

Tahoe trip
Monty Python

Ben got oceaned

REDEEM

Resident Evil 2 - Starcraft Brood
Wars - Baldur's Gate - Puzzle
Fighter

1999

REJOY

Stacking

Homeworld - Ultima - Diablo II

StarCraft - Metal Gear Solid -
Final Fantasy VII

Gran Turismo - Risk - Axis &
Allies - Parappa the Rapper -
Myth



(Starting from Greg,
clockwise)

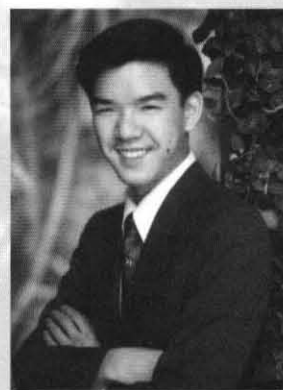
What ARE you doing Greg?
Never mind, I don't think we
really want to know...

Janice, Angela and Adriane
hugging. hmmm....
Winter '98

Carolyn! you can stop now!
you've graduated already!!!!
Winter '98

All of us hanging at Garden
cafe.

Accept no imitations. This is
the "Original Classic Pose..."



GREGORY TAN
Glendale, California
Civil Engineering



CAROLYN CHAN
Houston, Texas
Biology



naturboy dartech TOMATO3 Appy! pho tai nam gan sach Damn you Shinho! 10,000 atm. C.G. alfred-wangarotoxin ligase boy b'okay!

alfred wang
fisheries biology / avalanche physics
cerritos, CA / mammoth lakes, CA

Please don't
bite me !

Tear that ass up!

Let go of
my finger
you little
piece of
@!#\$%^&*

snowboREding...
NO CHALLENGE!

Just call me
HUCK finn

autocatalytic degradation 200 MPH =)

make em say unhh! Caltech Wang noodle world little big guy Mexico. Monkey. what the...

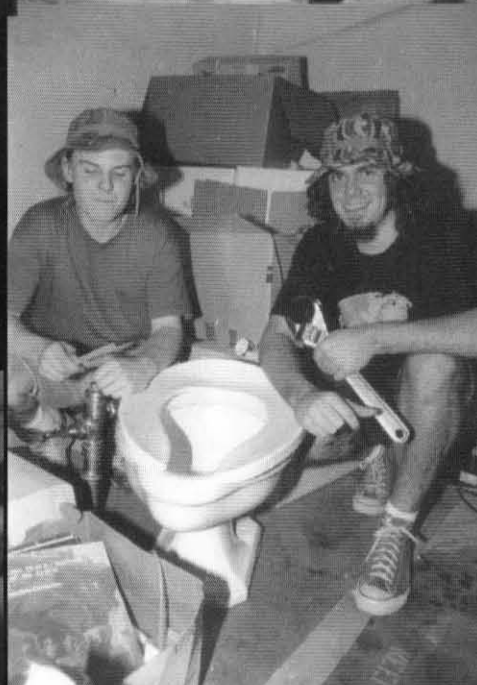
andrea hasenstaub
anchorage, ak
math & engineering

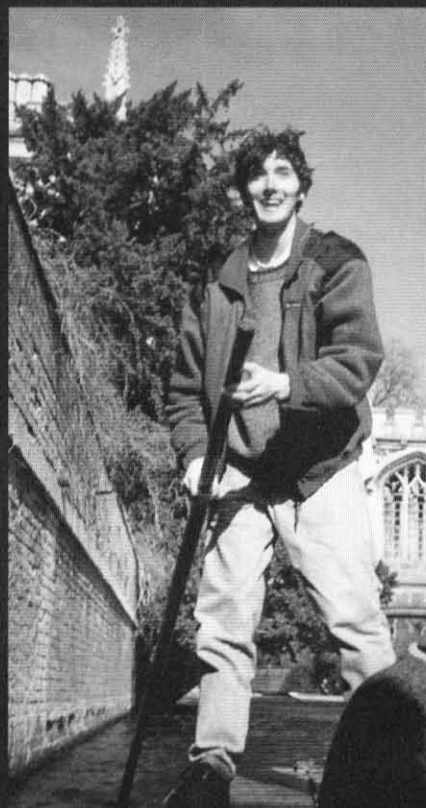


mike astle
charleston,
sc
computer
science



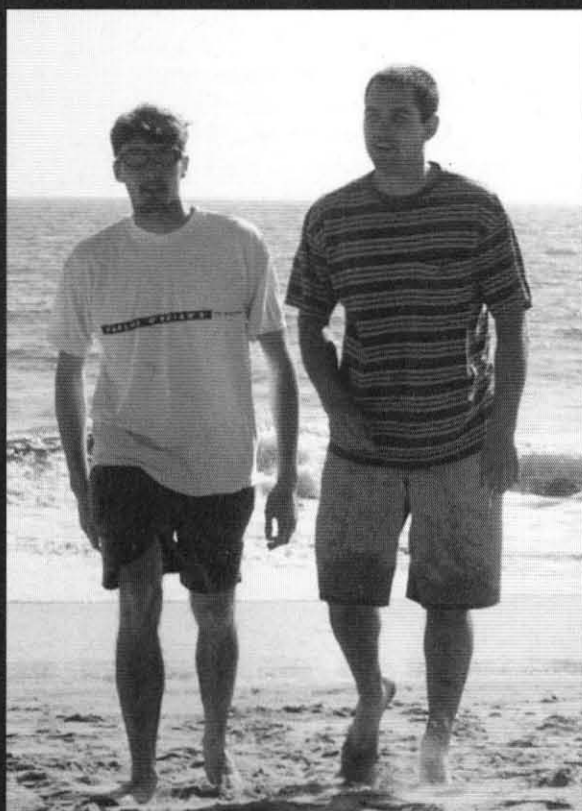
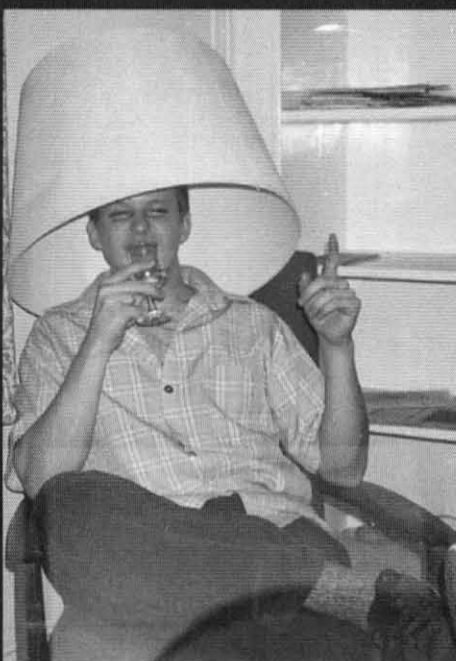
steve mccooy
lewistown, mt
engineering



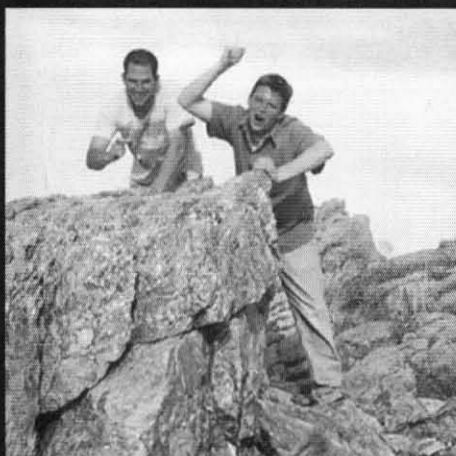


James Buckwalter
ELECTRICAL ENGINEERING
Yardley, PA

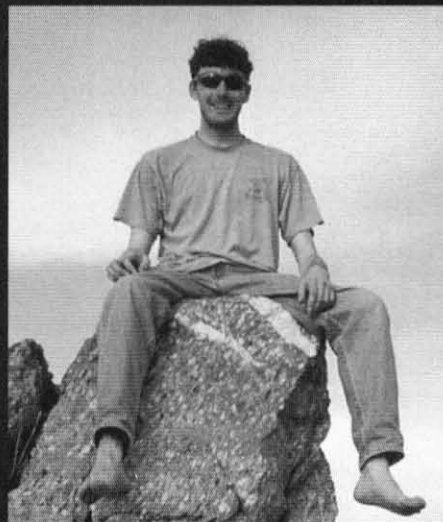
— What is great about man is that he is a bridge and not a goal. *Nietzsche.*



Christopher Britchford
ELECTRICAL ENGINEERING
Murray, UT



...this realization was strangely exhilarating, that the barriers I was proud of having learned to melt could be brought to a boil by others. *Michael Rhoads*



Michael Atkin
PHYSICS
Georgeville, Canada



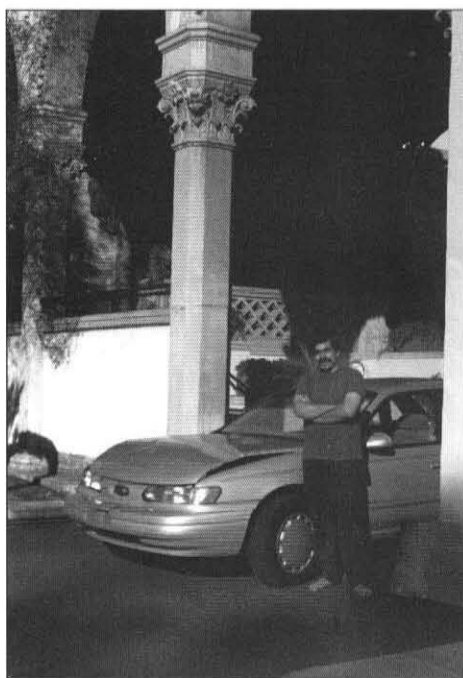
Cynthia-May Shin Gong

CHEMISTRY

Tehachapi, CA

Ricketts Hovse & Lloyd House

— If you want to play
with the boys, you have to
play like the boys.

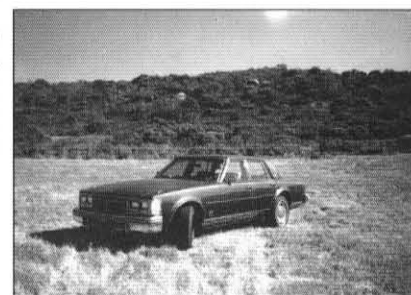


Juan Carlos Nuño

MECHANICAL ENGINEERING

Los Angeles, CA

— "I saw a corrugated tin drum spinning in the air. I was running on the drum and below me was a huge square vat of acid. In front of me was a rope dangling from the ceiling. I was running and running and there was nowhere to go. I thought that if I could get enough momentum I could jump onto the rope and swing. And as I grab the rope, my weight pulls it to the bottom. I'm literally inches from the vat of acid. Finally, I give in. I let go. And I fall into the vat of acid and burn alive. I'm screaming. But in the pain, and in the release of the screaming, I was able to let go of all the things I need to scream about. And then I was set free."
Gillian Anderson.



Lisa O'Rourke

MATHEMATICS

Bardonia, NY

— The dawn is come
fire burns in the crisp air of autumn
this time is unmarred by the past
Here and now is the newness of a
world reborn
of a life with uncapped feeling
of a flight soaring and unbroken

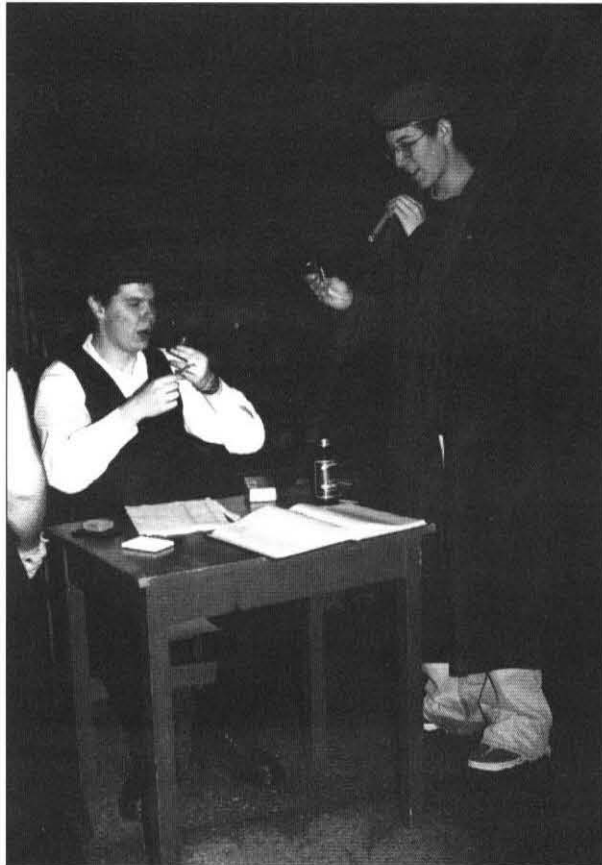
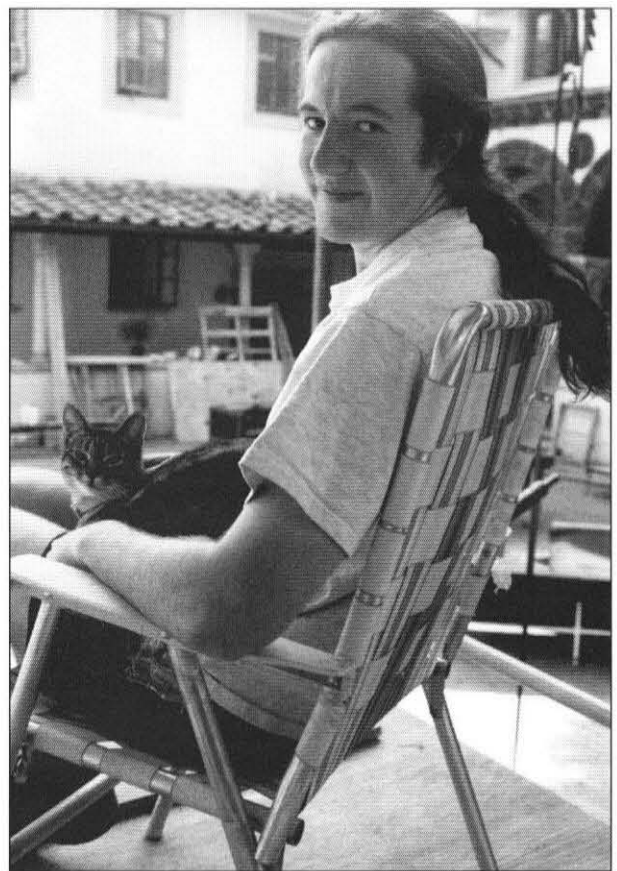


David Hammond

MATHEMATICS & CHEMISTRY

Tacoma, WA

— “This is all very well,” said Grandfather,
“but what if Peter hadn’t caught the wolf. What then?”



Jason Briceño

PHYSICS

McLean, VA

— “in anger, he is smashcock...” *Leon Torres.*

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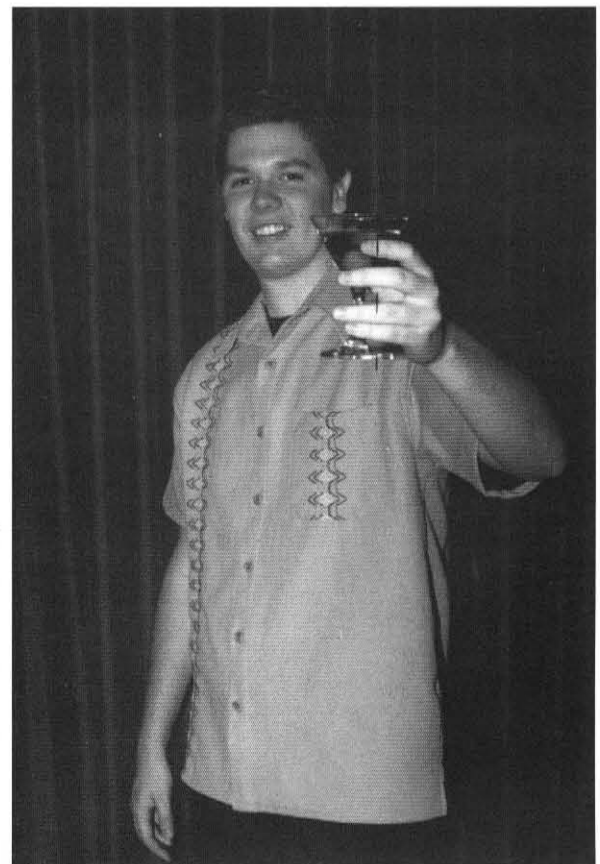
Ryan “Disco” McCorrie

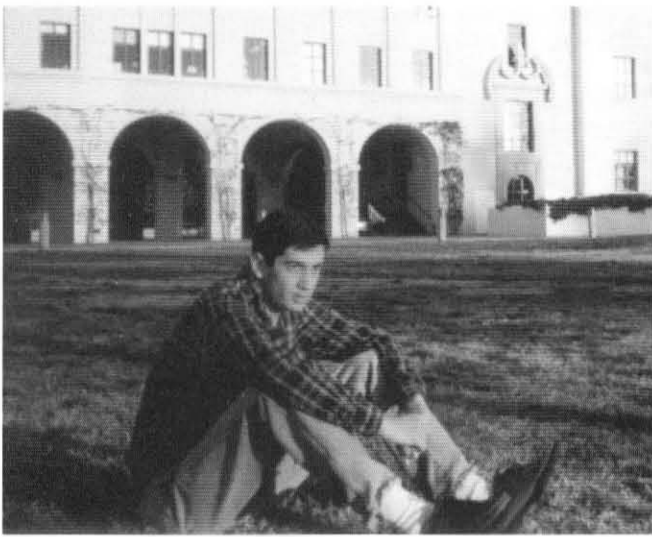
MATHEMATICS

Orlando, FL

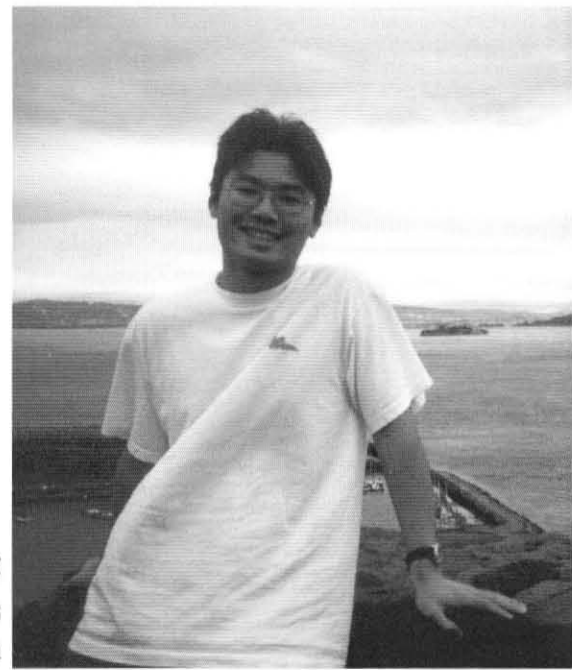
Ricketts Hovse

— Ne te quæsiveris extra.





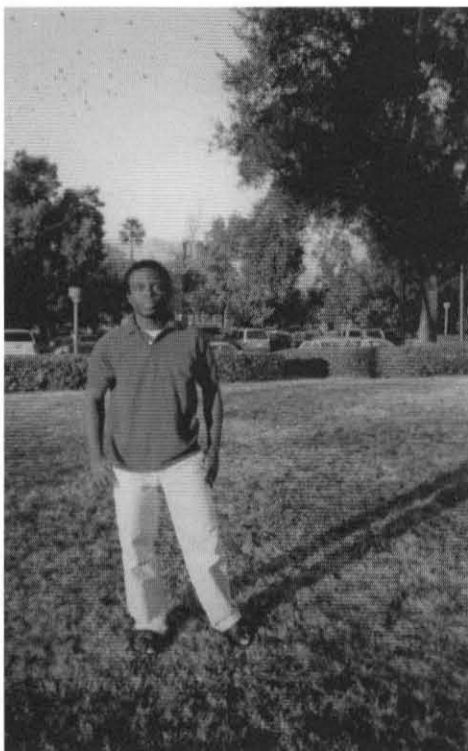
Ojas Save
ELECTRICAL ENGINEERING
Bombay, India



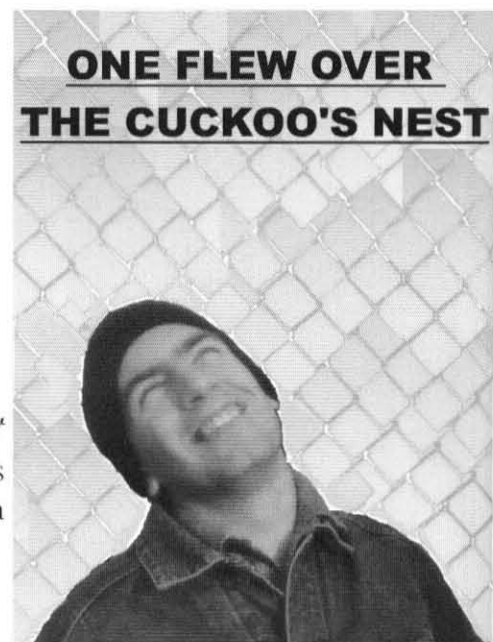
Christianto Lin
ELECTRICAL ENGINEERING
Victoria, Canada



"Why did the chiques cross the road?"

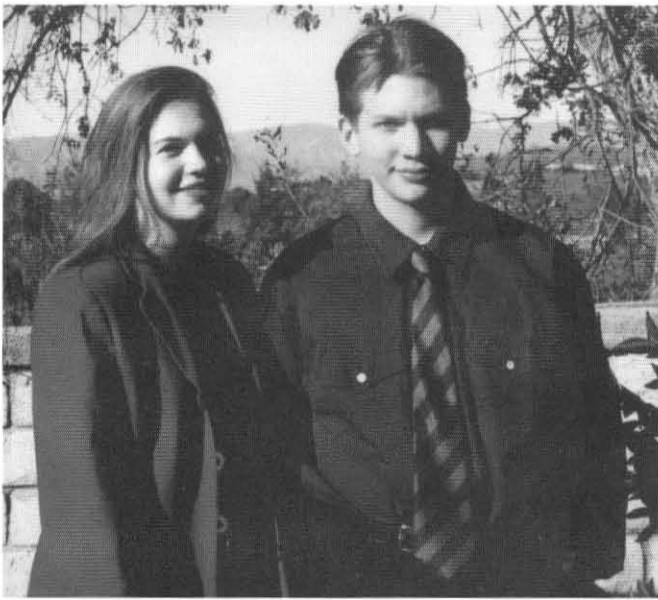


Dela Trikata
ENGINEERING AND APPLIED SCIENCE
Accra, Ghana



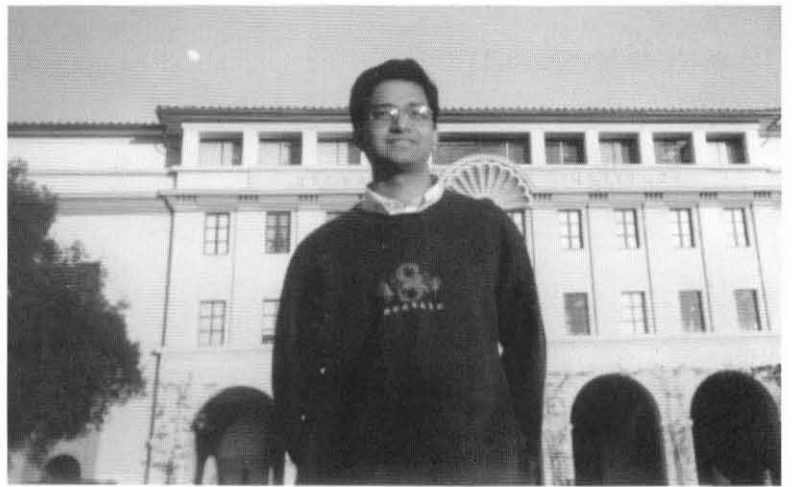
David Djambazov
PHYSICS
Sofia, Bulgaria

**ONE FLEW OVER
THE CUCKOO'S NEST**



Peter Stobbe

APPLIED MATHEMATICS
Westlake Village, CA



Amritaksha Basu

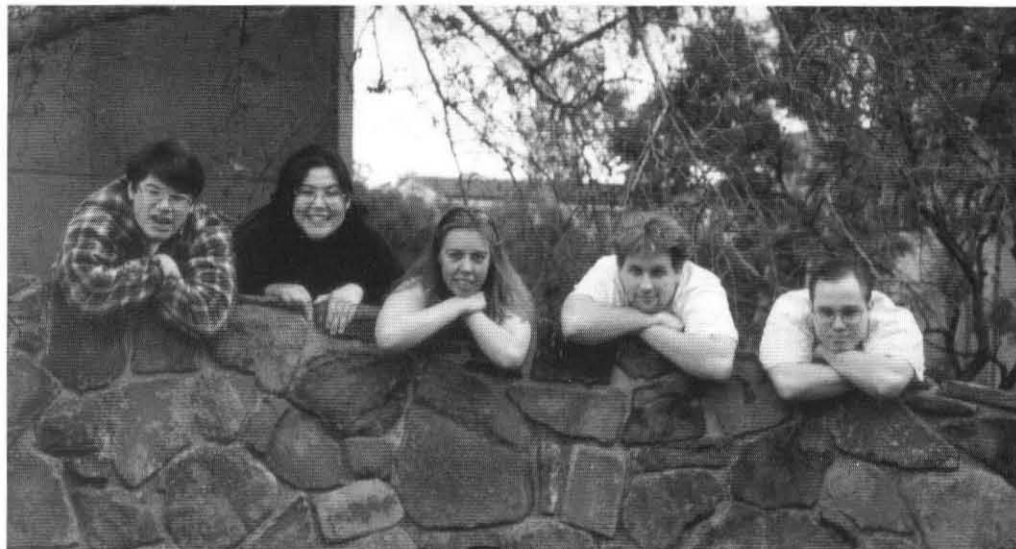
ELECTRICAL ENGINEERING
Calcutta, India



Alan Jones

PHYSICS
Sunnyvale, TX

— Damn you Caltech.
Damn you to Hell.



— "In California you lose a point off your IQ every year."
Truman Capote.



Leigh Engen

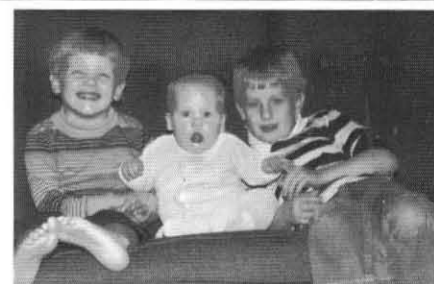
GEOCHEMISTRY
New Canaan, CT

— "We can't all, and some of us don't. That's all there is to it."
Eeyore.



Ryan Dieckmann

CHEMISTRY
St. Louis, MO



— "Only connect..." *E. M. Forster.*

— "We live among surfaces and the true art of life is to skate
well on them." *Ralph Waldo Emerson.*



Tanya Tickel

MECHANICAL ENGINEERING
Los Altos, CA



"I love you all."



Caleb Lavergne

ENGINEERING & APPLIED SCIENCES
Minneapolis, MN



— "Those who shun the whimsy of things experience rigor mortis before death."
Tom Robbins.

— A better world has to start somewhere.
Why not with you and me?



Nasim Afrarmanesh

BIOLOGY & ART HISTORY
Claremont, CA

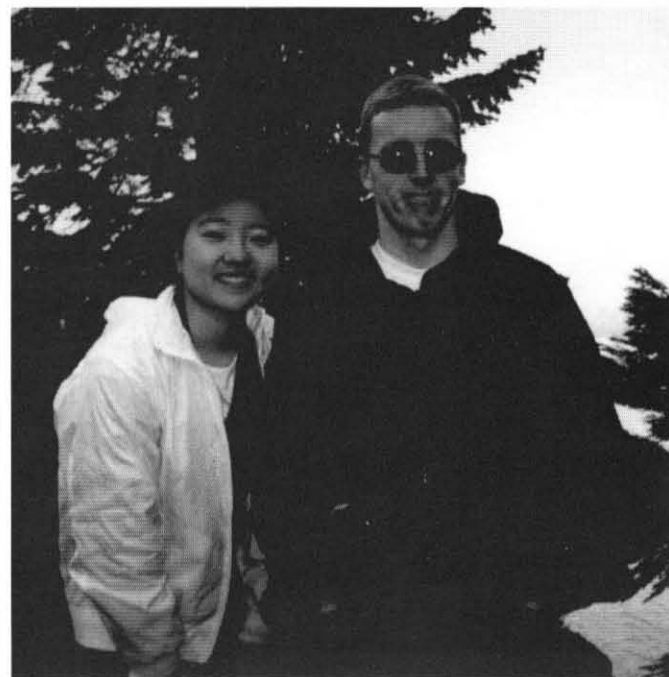
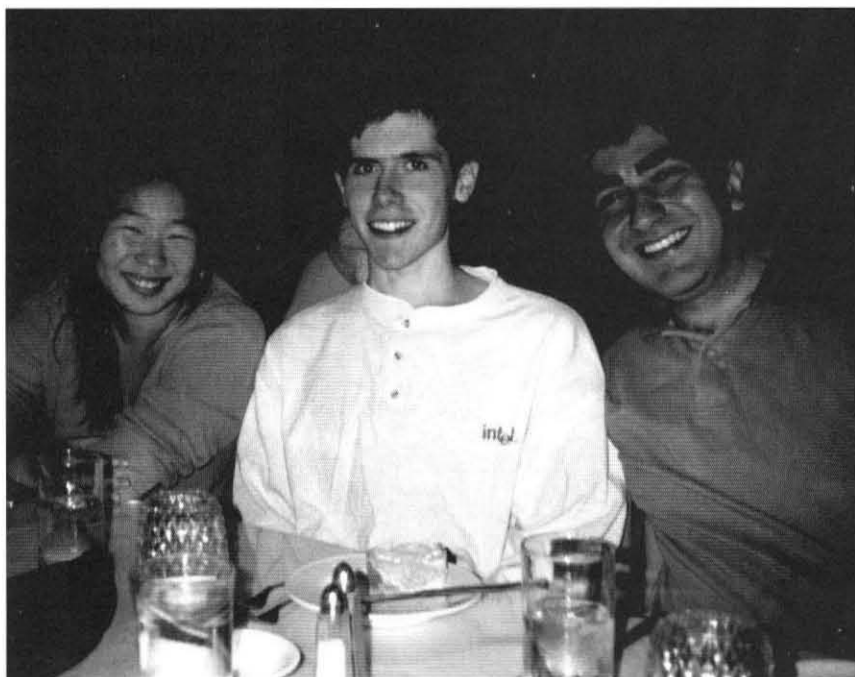
Joy is not to be stumbled on, but to be achieved.



Teo Der-Stephanians
ELECTRICAL ENGINEERING
La Crescenta, CA

Alan Lewis
ELECTRICAL ENGINEERING
Tigard, OR

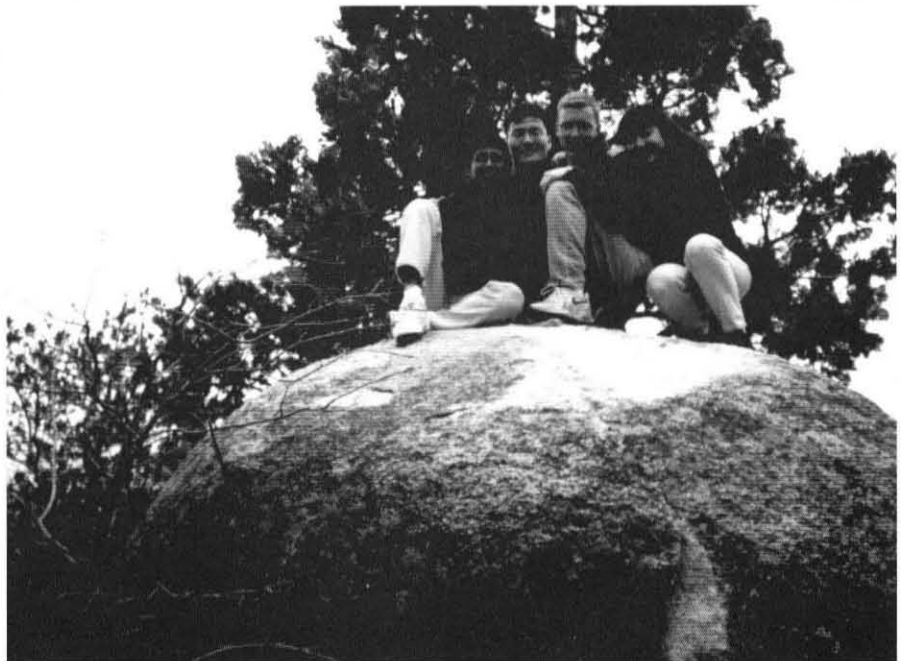
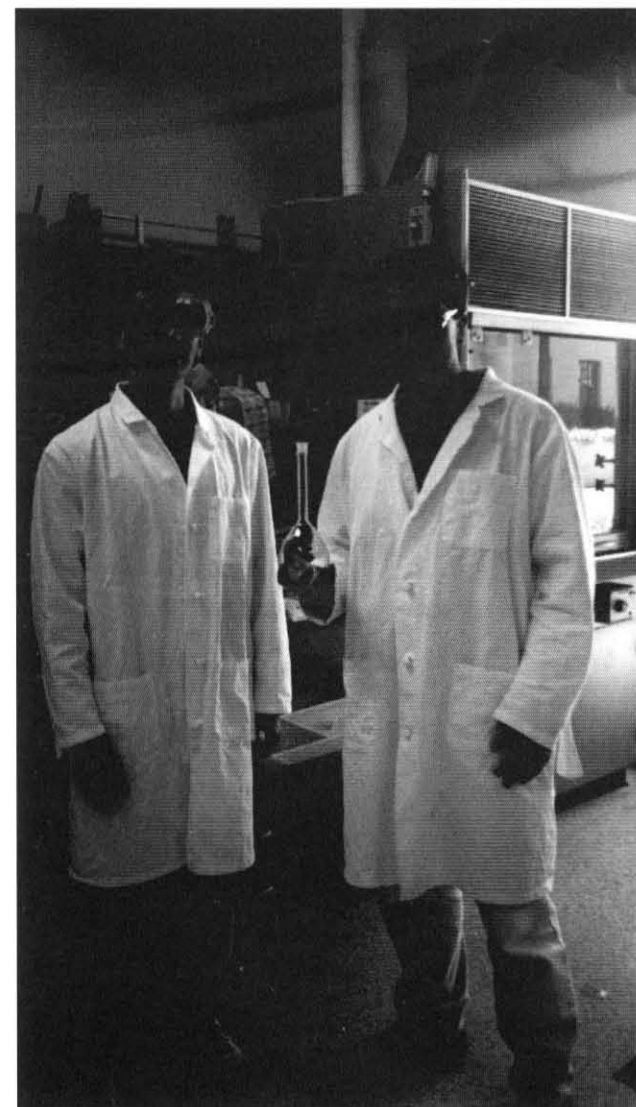
Andrew Ling
ELECTRICAL ENGINEERING
Portland, OR



Richard Gilmore
AERONAUTICAL ENGINEERING
Reno, NV

Minoree Kohwi
BIOLOGY
Berkeley, CA

Steve Na
APPLIED PHYSICS
Los Angeles, CA

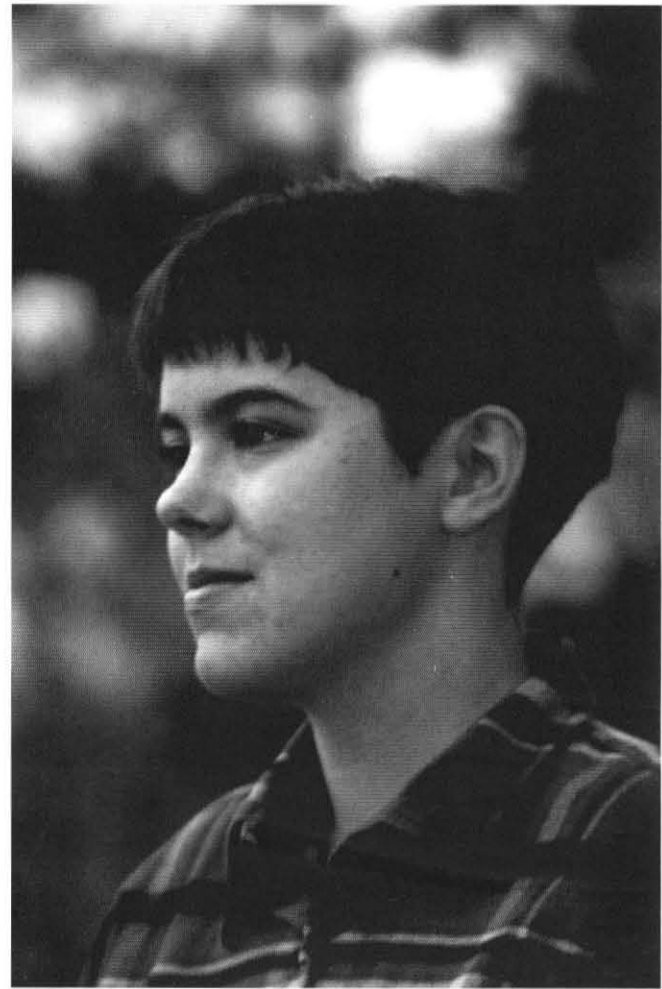


— The time we spent becoming better friends was never wasted. Thanks for the memories.

Devi Manjula Thota

MECHANICAL ENGINEERING
St. Simons Island, GA

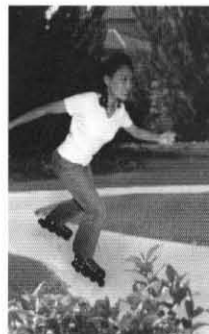
— The key is acceptance.



Daisy James

BIOLOGY
Kensington, CA

"What I say," said Eeyore, "is that it's unsettling. I didn't want to come on this Expo—what Pooh said. I only came to oblige. But here I am; and if I am the end of the Expo—what we're talking about—then let me *be* the end. But if, every time I want to sit down for a little rest, I have to brush away half a dozen of Rabbit's smaller friends-and-relations first, then this isn't an Expo—whatever it is—at all, it's simply a Confused Noise. That's what *I* say."



Helen Yeh

ELECTRICAL ENGINEERING
Thousand Oaks, CA
Ruddock House



Never forget, that until
the day when God will
deign to reveal the future
to man, all human wisdom
is contained in these two
words: Wait and Hope.

--Edmond Dantes

The Count of Monte Cristo



It only matters
how well you
walk through
the Fire.

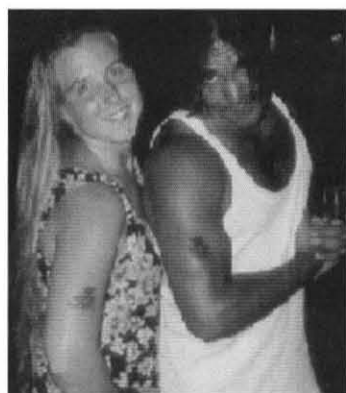
-Charles Bukowski



Samantha Gizerian & Jeremy Ervin

BIOLOGY & EARTH SCIENCES (USC)

Fresno, CA & Denver, CO



Heather Dean

ELECTRICAL ENGINEERING
San Antonio, TX

Joe Cook

LITERATURE
Bloomington, IL



The Future belongs
to those who believe
in the Beauty of
their Dreams

--Louisa May Alcott



I'm a genius,
not an engineer!

-- Aramis

Only he who attempts the absurd
is capable of achieving the impossible.

-- Miguel de Unamuno

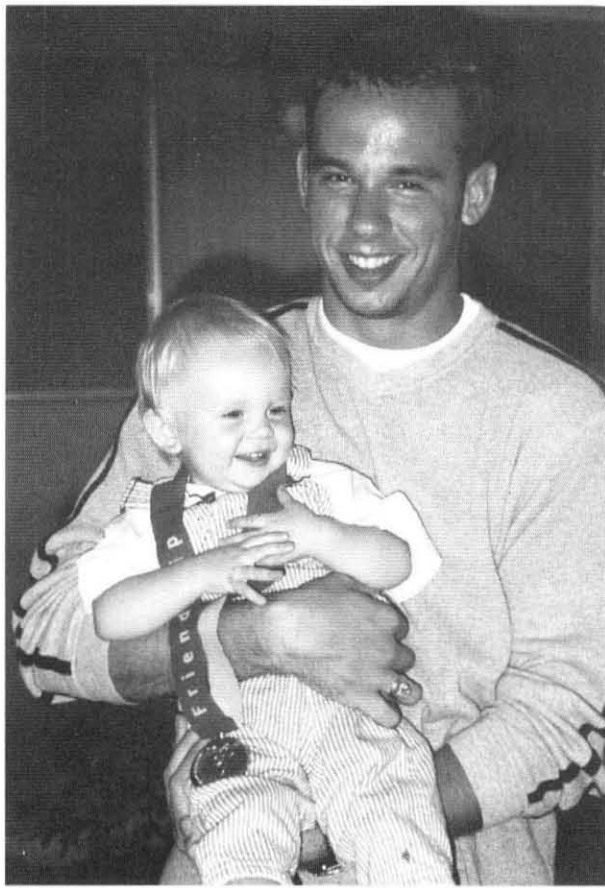


The Doggie loves you, Diana & Casey!

I adore you, my beloved, Andrea!
Wat ees dis sheet, Sam & Jeremy?
Binky will miss you, Vivian!
And thanks so much for being
my evil identical twin, Scott!!!

I get by with a little help ...





Carl T. Anhalt
MECHANICAL ENGINEERING
Bakersfield, California



Kay Y. Ihn
CHEMICAL ENGINEERING
Burlingame, California

"Obla-dee, Obla-dah,
Life goes on, bra!
La-la-la-la life goes on."
—The Beatles



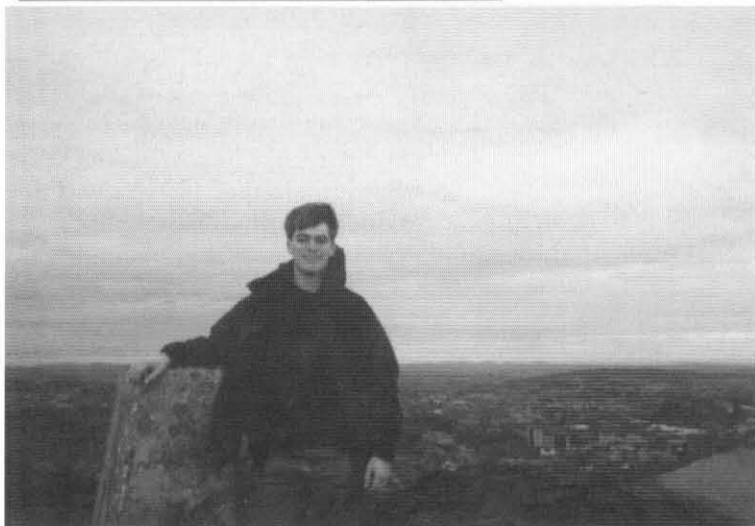
Ivana Nikolić
CHEMICAL ENGINEERING
Nis, Yugoslavia



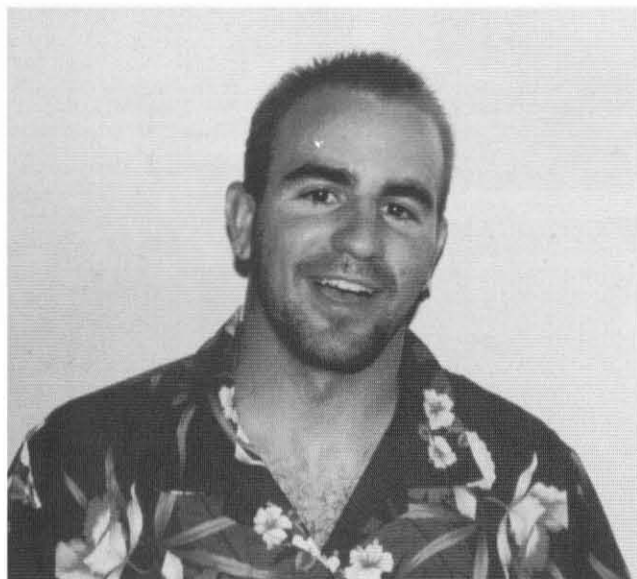
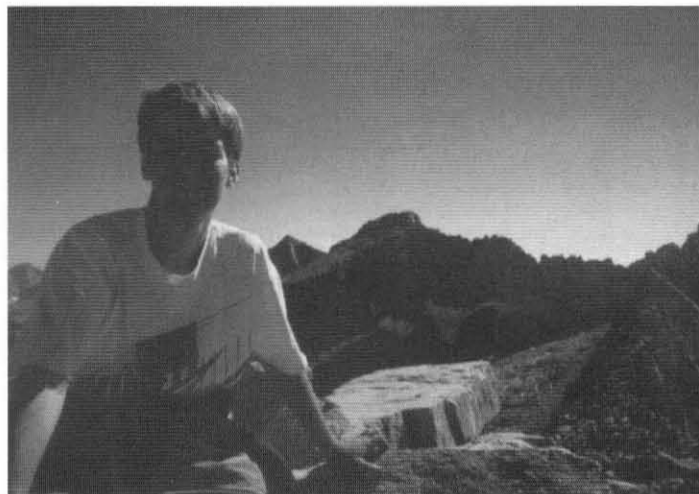


Dan Muresan
E&AS
Bucharest, Romania

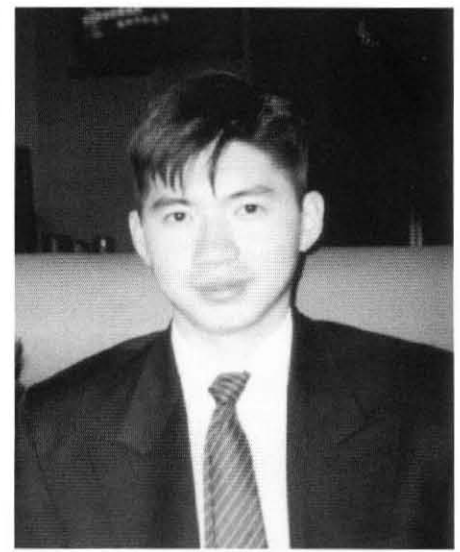
— A fool is a minority of one.



Michael Westover
ASTRONOMY
Woodbridge, VA



Matt Dawson
GEOLOGY
Downingtown, PA



"Love is patient, love is kind. It does not envy, it does not boast, it is not proud. It is not rude, it is not self-seeking, it is not easily angered, it keeps no record of wrongs. Love does not delight in evil but rejoices with the truth. It always protects, always trusts, always hopes, always perseveres. Love never fails."
I Corinthians 13:4-8

"For God so loved the world that He gave His only begotten Son, that whoever believes in Him will not perish, but have everlasting life."
John 3:16

Nathan Zhon

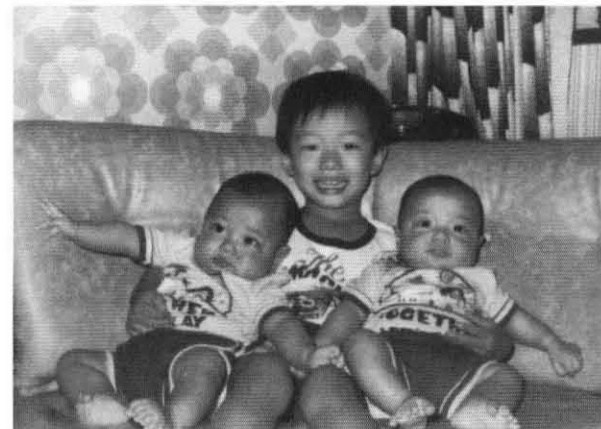
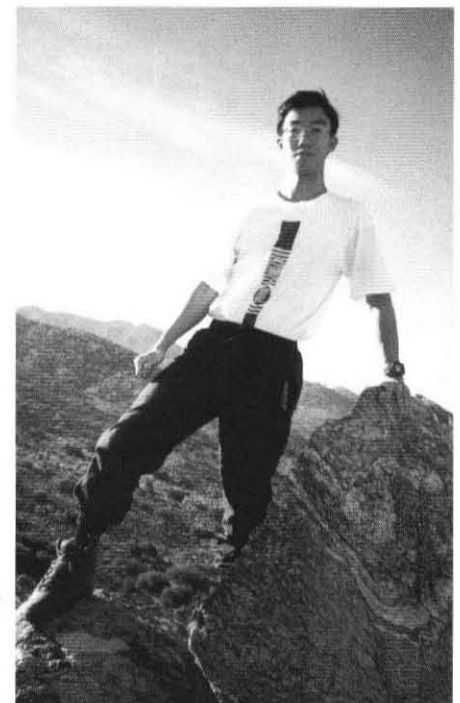
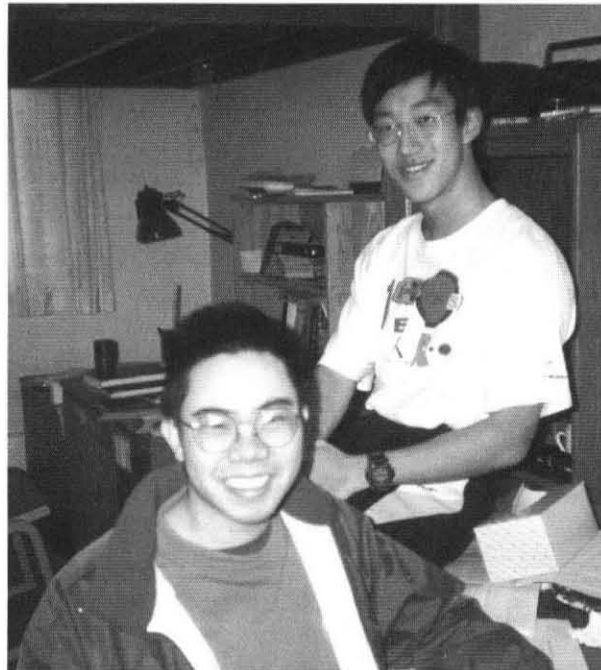
ELECTRICAL ENGINEERING
Sunnyvale, CA

Jim M. Cheng

CHEMISTRY
Los Angeles, CA

Alwin Yuk-Lun Chi

ELECTRICAL ENGINEERING
Hong Kong

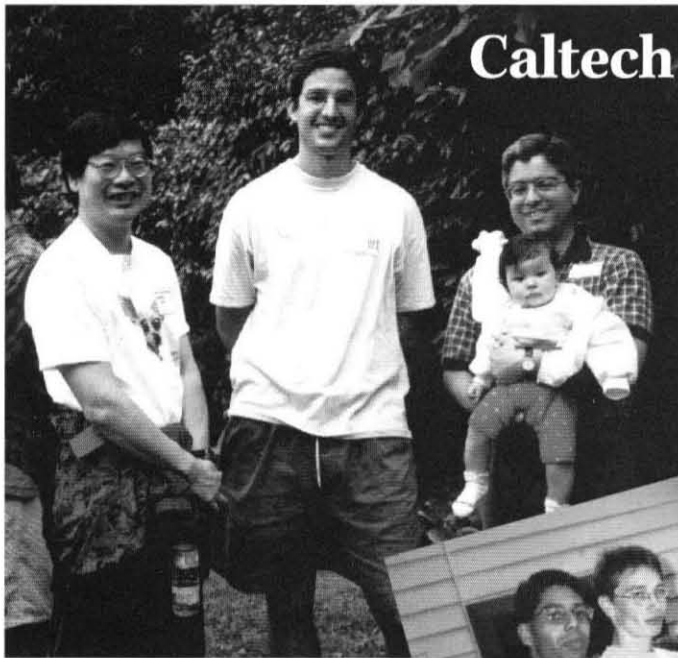


Additional Seniors

The following seniors graduated this year, but did not submit photos.

Michael James Baier — APPLIED PHYSICS — WARNER, NH
Matthew Edward Barnett — CHEMICAL ENGINEERING — BOISE, ID
Samuel Banknight — E&AS — OLYMPIA, WA
Hui Cai — ELECTRICAL ENGINEERING — CUPERTINO, CA
Samuel Chang — E&AS — HUNTINGTON BEACH, CA
Yebo Chen — APPLIED PHYSICS — SAN MATEO, CA
Ryan Chornock — PHYSICS — STERLING, VA
Thomas Collier — E&AS — SANTA CLARA, CA
Karl D'Adamo — CHEMICAL ENGINEERING — BALTIMORE, MD
Uri Eden — MATHEMATICS — ANN ARBOR, MI
Marq Anthony Ellenbecker — E&AS — GERMANTOWN, WI
Douglas Wayne Elliot — CHEMISTRY — SAN ANTONIO, TX
Robert Daniel Gorsche — PHYSICS — SAN ANTONIO, TX
Michael Grebeck — E&AS — AURORA, OH
Matthew William Hage — MECHANICAL ENGINEERING — EL CAJON, CA
Alex C. Huang — APPLIED PHYSICS — FOUNTAIN VALLEY, CA
Hiroyuki Iwanami — MECHANICAL ENGINEERING — JAPAN
Dae Woong Kang — E&AS — DUNWOODY, GA
Krishna Mattegunta Kant — E&AS — EDEN PRARIE, MN
Daniel Kaplan — ECONOMICS — TARZANA, CA
Tatnuki Karhitani — AERONAUTICS — JAPAN
Charles John Kim — E&AS — LAS FLORES, CA
Diana Laveby — LITERATURE — PLYMOUTH, MN
Benjamin David Lian — E&AS — CERITOS, CA
John Lin — ECONOMICS — BELL, CA
Vincent Lin — E&AS — BANNING, CA
Milena Marinova — E&AS — BULGARIA
Jeffrey Michael Mendez — CHEMISTRY — HUNTINGTON BEACH, CA
Jose Francisco Mendez — E&AS — LOS ANGELES, CA
Benjamin Mok — ECONOMICS — CLAREMONT, CA
Jorge Luis Palamara — E&AS — LOS ANGELES, CA
Khristie Victoria Phillips — BIOLOGY — NOLENSVILLE, TN
Angela Carolyn Poole — ELECTRICAL ENGINEERING — BATON ROUGE, LA
David Gabe Powers — APPLIED MATHEMATICS — NEWFIELD, NY
Vincent Paul Revil Quitoriano — PLANETARY SCIENCE — TUCUNGA, CA
Joseph Merrill Renes — PHYSICS — PORT ANGELES, WA
Gabor Siklos — E&AS — HUNGARY
Rachel Elizabeth Steinberger — BIOLOGY — COLTS NECK, NJ
Michael Brier Stone — PHYSICS — SILVER SPRING, MD
Julius Ton-Li Su — PHYSICS — BOCA RATON, FL
Matthew Adam Vanderzee — E&AS — DANVILLE, CA
Louis Wang, Jr. — E&AS — PASADENA, CA
Paul Brent Welander — E&AS — MONMOUTH, OR
Hanhui Yuan — E&AS — CHINA
Amalia Marie Zacher — CHEMISTRY — LOS GATOS, CA

Caltech Alumni Association



Congratulates
1999
Graduate



Congratulations!



**Deans' Office Wishes
Good Luck to the Class
of 1999!**

Minority Student Affairs
Congratulations to the
Class of 1999!!

***We wish you much success and good
fortune.***
Cheryll, Ramona & Yuny

The Division of

Physics, & Mathematics, Astronomy

Congratulates the graduates of 1999

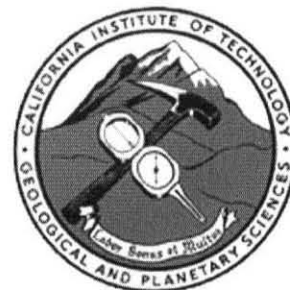
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Congratulations

to the Graduating Seniors of the
**DIVISION OF GEOLOGICAL AND
PLANETARY SCIENCES**

Matthew Dawson
Leigh Engen
Vincent Quintoriano
David Tytell

With best wishes from the entire division





Dear Neema,

The stars are within your reach now. Say "yes" to life and watch it unfold to fulfill all your desires.

We are proud to be your family. Congratulations.

Love Mom, Keyvan & Sara

**Congratulations
Karl!**

**You're the best.
We love you.**

**Mom, Dad, Janine,
Zeppo**

Dear Sung Ha,
Our heartfelt congratulations on your graduation from a wonderful college. The honor could not have been given to anyone else more deserving. We wish you success on all your future endeavors.

With love,
Mom, Dad, and Dahye

Experience is not what happens to a man. It is what a man does with what happens to him.

—Aldous Huxley

Grant—

We are very, very proud of you.

Love,
Mom, Dad, Chris, and
Travis

**Lisa Maria
O'Rourke**

Congratulations!
*May all your
dreams come true.*

Love,
Mom



John:

We are really proud of who your are and what you have accomplished. It's really amazing, if you take the time to look back and see the road(s) that you have traveled, with the future being as open as it is for you. You have been blessed, and in turn, you have blessed us. Remember to keep your faith in God, and continue to look to Him for guidance.

We love you,
Mom, Dad, and Kristin



You and me...



Way to go Piggy!!!
Love, Brian

Joe, we love you very much and are very proud!
Congratulations,

Mom and "Dude w/o e"



Time flies so fast! Our wide-eyed, little girl has grown into a confident and independent lady, graduating remember, mom and dad love your very much and are always here for you.

RICHI,

I AM SO PROUD OF YOU.
YOU ARE A DREAM COME TRUE.
THANK YOU FOR YOUR FRIENDSHIP.

LOVE,
MOM



**Allison, Autumn, Ben, Daisy, Dave, Erik, Jacques, Mic,
Rebecca, Sam, Sander, Val...**

*"Publish, and set up a standard; publish, and conceal not."
—Jeremiah 50:2*

Congratulations!

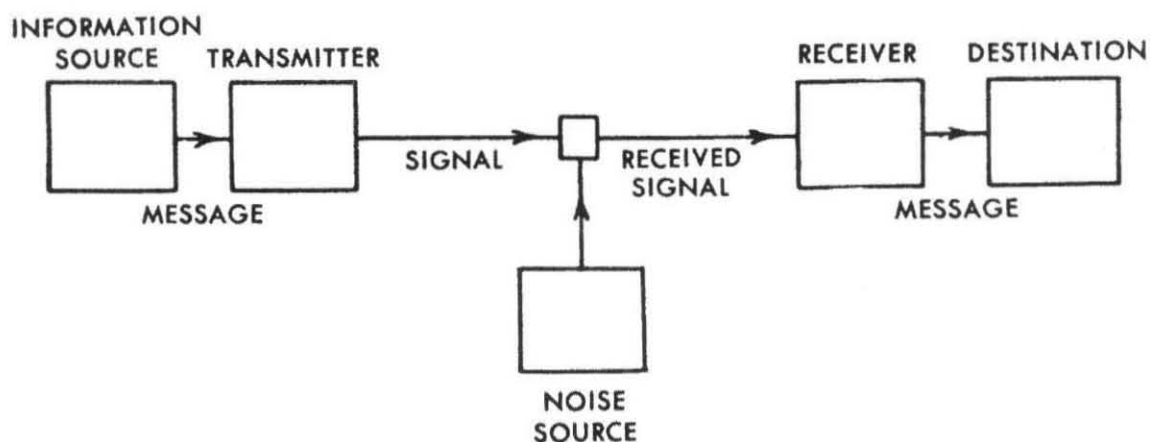
—Student Publications

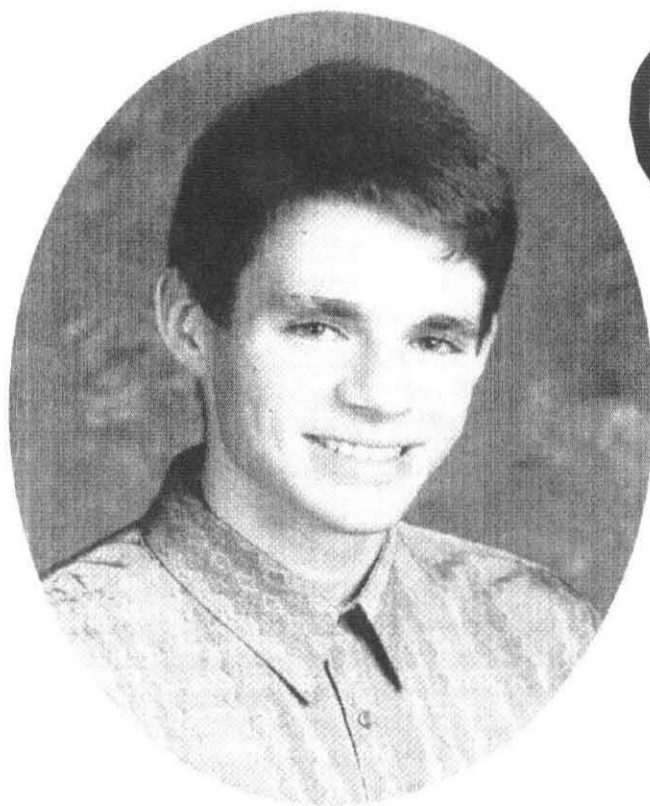
**Congratulations to
Carl Anhalt '99 MIE
Your family loves you.**



Congratulations to the Class of 1999 **From the Faculty and Staff of** **The Division of Engineering and Applied Science**

And never confuse the signal with the noise





Robert Radoslaw Zygmunt OSADA
"The Iron Slav"

Dear Son!

Climb Mountains,
 Aim for the Sky,
 Follow Your Dreams,
 Dare to Be Happy.

Congratulations and
 the Best Wishes!

*Mom Barbara
 and Dad Zygmunt*

ROBERT RADOSLAW ZYGMUNT OSADA

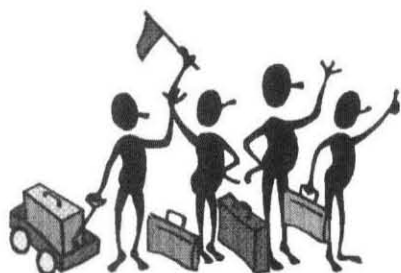


... Before Caltech

After Caltech ...



*If you can dream it,
 You can do it.*



*With the best wishes
 For a successful future
 Very proud of you*

**Beata, Andrzej
 Adam and Victoria
 ~ the GALAS family ~**

Congratulations to the Class of '99

—Caltech Government Relations



Congratulations 1999 Grads!!



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

Industrial Relations Center

Congratulations to our graduates!

Noah Arribas-Layton
Matthew Edward Barnet
Sibani Lisa Biswal
Phyllis Hwe-Teh Chen
Jim M. Cheng
Karl Jason D'Adamo
Ryan Robert Dieckmann
Sheng Ding
Joanna Lynn Dodd
Douglas Wayne Elliott
Margaret Anne Gabriel
Cynthia-May Shiu Gong
Sander Harold Granat
Matthew Michael Gregori

David Kenric Hammond
Samantha Lea Howarth
Victor Kuan Kai Huang
Joanne Wei-Un Jang
Kay Young Juhn
Vivian Faye McNeill
Jeffrey Michael Mendez
Gabriel Alan Miller
Liviu Mihail Mirica
Maksim Vitalievich Narovlyanskiy
Ivana Danilo Nikolic
Yongkai Ow
Travis Jesse Williams
Amalia Marie Zacher

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

Congratulations!

We think you're terrific!

Residence Life and Master's Office

Alicia Alonzo
Ph.D., Applied Physics
Resident Associate



Luis Saenz
B.S., Engineering
Student Employee

Kara Swedlow
B.S., Engineering
Student Employee



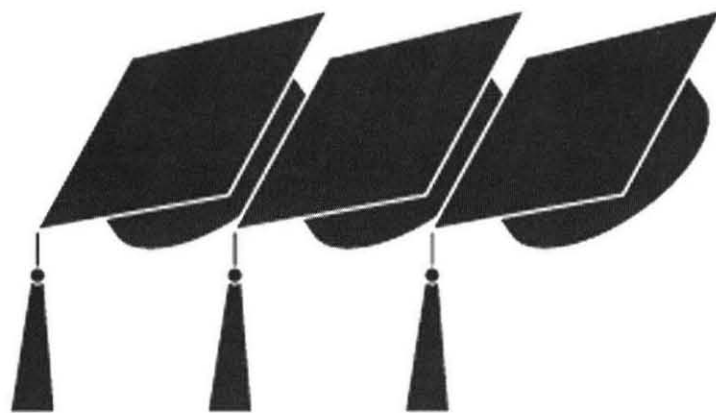
Congratulations to the Graduates of '99.

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!



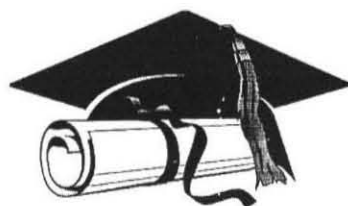
Congratulations
to the Class of 1999



*from the
Division of the Humanities
and Social Sciences*

Congratulations, Graduates!

Good luck in all your future endeavors!



From the Office of the President

*Nasim Afsarmanesh
Carolyn Sze-Yun Chan
John Damon Chodera
Patrick James Drew
Amy Langdon Dullard
Samantha Sharon Gizerian
Laura Elizabeth Gossett
Majorie Lucy James
Joanne Wei-Un Kim
Minoree Kohwi
Ellen Leight Martin
Gabriel Alan Miller*

*Vladmir Mitsner
Stavrova Anastasia Otis
Yongkai Ow
Khristie Victoria Phillips
Aimee Lucinda Pierce
Claudiu Simion
Ethan Gregory Snyder-Frey
Rachel Elizabeth Steinberger
Koen Chris Jan Verbruggle
Alfred Wang
Janice Josephine Yeung*

Congratulations from the Division of Biology!

The Athletics Department Congratulates the Class of 1999

Maureen Burl, Volleyball

George Clovis, Fencing

John D'Auria, Baseball

Clinton Dodd, Swimming & Water
Polo

Denise Gabaldon, Athletic Trainer

Wade Gillam, Tennis

John Harding, Basketball

Wendell Jack, Asst. Athletic Director

Mike Jackson, Golf

Irene Loera, Administrative
Assistant

Karen Nelson, Tennis

Jasper Simon, Cross Country

Jean Timpe, Administrative
Assistant

Julie Tingle, Soccer & Track

Marc Torres, Equipment Manager

Bob Townsend, Groundskeeper

Gene Victor, Basketball

Timothy Downes, Athletic Director

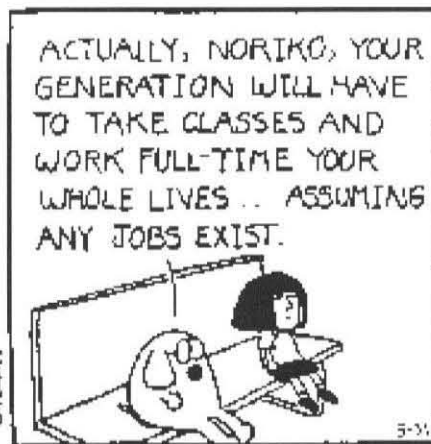


Congratulations to the 1999 Graduates



Your friends at Physical Plant are proud of you.

CONGRATULATIONS CLASS OF 1999!



YOU'VE MADE IT!
BEST WISHES FOR YOUR FUTURE SUCCESS
OFFICE OF THE PROVOST

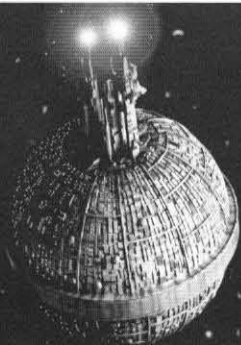
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Caltech Student Affairs



Student Affairs at Caltech complements and enhances the Institute's educational 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.



Long, long ago in a galaxy far, far away, a band of stalwart young life forms stood on the brink of a new millennium. (Technically, it wasn't, because there is no year zero, but let's not nitpick.) This elite group, a credit to their species, had completed four years of rigorous training to become Tech knights. The $F=ma$ was strong in them, and they went forth to serve the Empire, I mean the Institute.

CONGRATULATIONS FROM CALTECH PUBLIC RELATIONS, AND MAY THE $F=MA$ BE WITH YOU.



Congratulations to the Class of 1999!



from the Registrar's Office

Congratulations to the 1999 Graduates



— from the Safety Office



Student-Faculty Programs congratulates
the Class of 1999

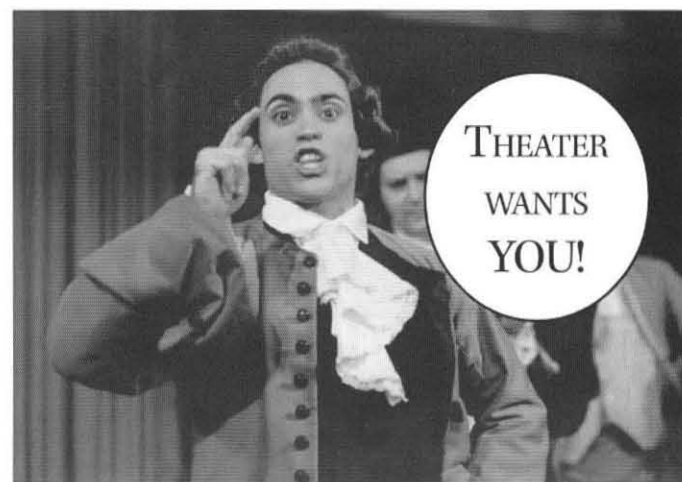
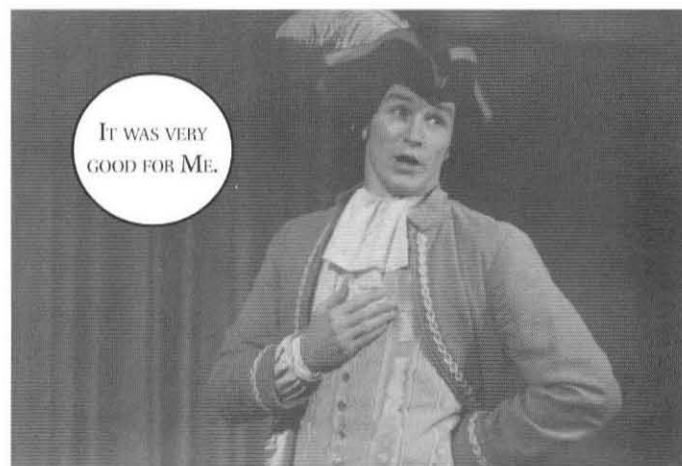
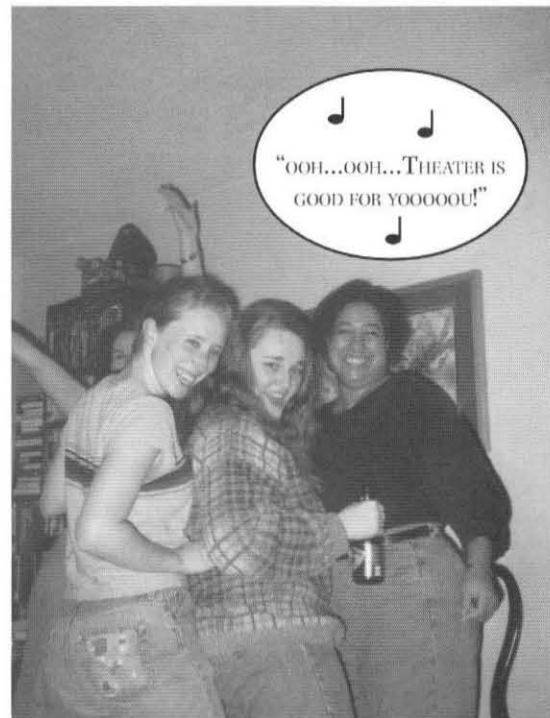
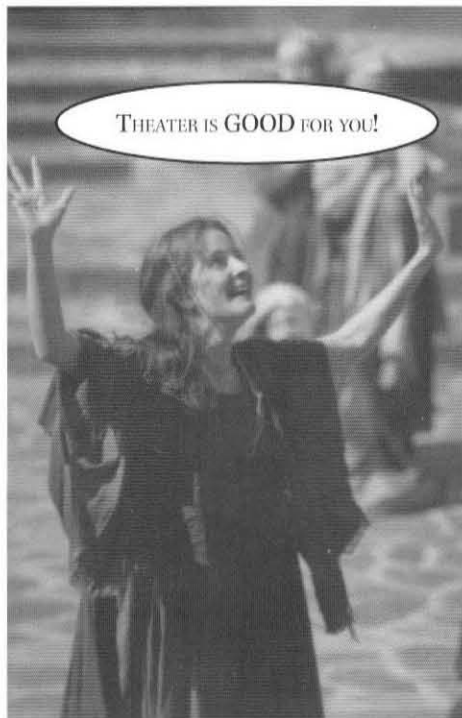
Institute Relations Congratulates The Class of '99!!!

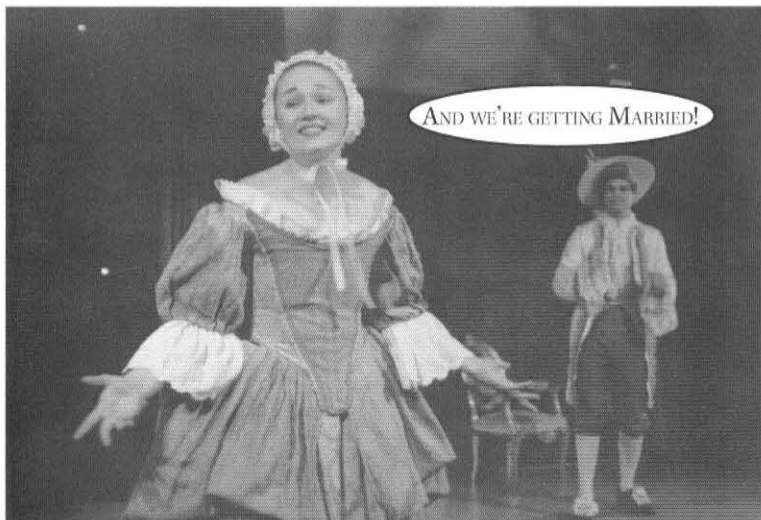


TACIT congratulates the graduates,

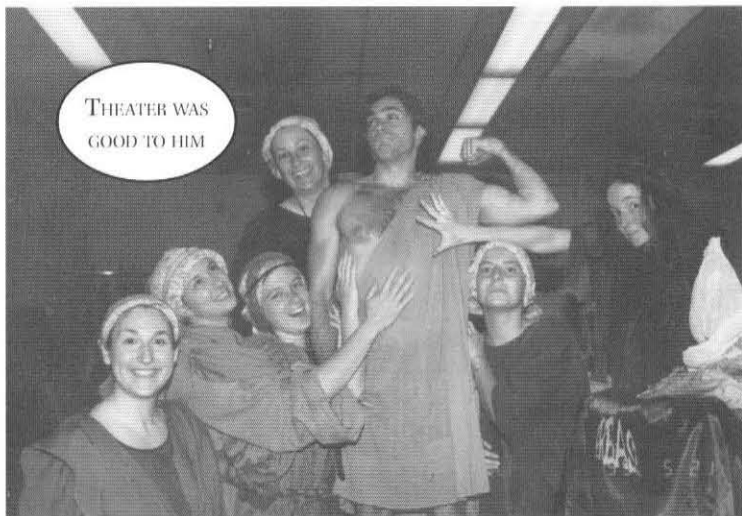
especially Sander Granat, Daisy James, Diana Lavelly
& Drs. Gleeson, Linden and Sahari.

And remember —





AND WE'RE GETTING MARRIED!

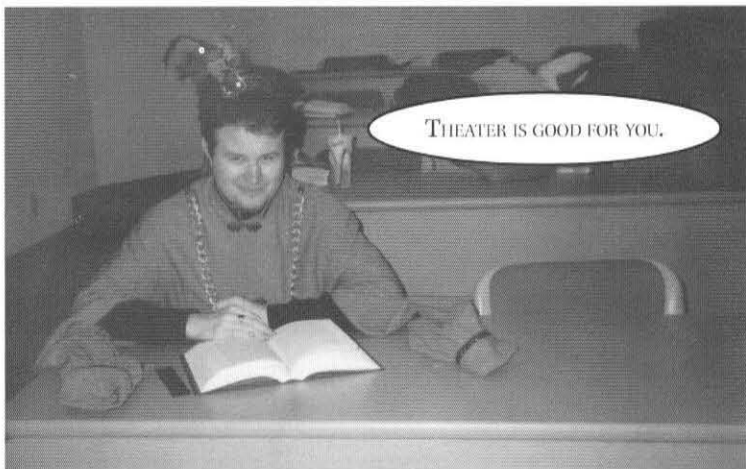


THEATER WAS
GOOD TO HIM

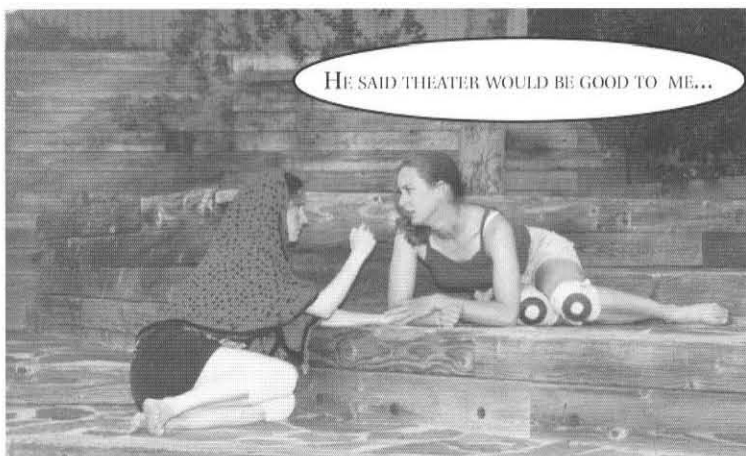


DON'T LOSE
YOUR HEAD
OVER THEATER!

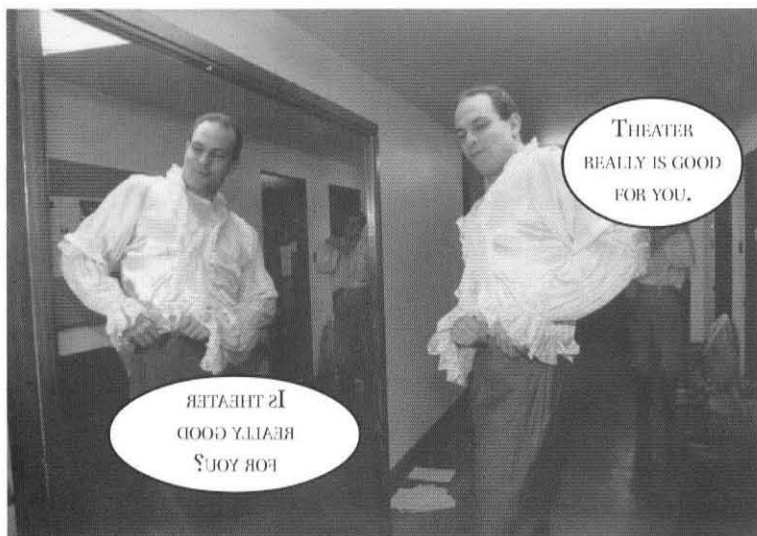
I DID.



THEATER IS GOOD FOR YOU.



HE SAID THEATER WOULD BE GOOD TO ME...



THEATER
REALLY IS GOOD
FOR YOU.

IS THEATER
REALLY GOOD
FOR YOU?



Love, Shirley

Colophon

The Big T is published annually by the Associated Students of the California Institute of Technology (ASCIT). The 1999 Big T is printed by Taylor Publishing Company, Dallas, Texas with a press run of 900 copies, 248 pages. The book is printed on 80 lb. matte text paper. The cover is a one color silkscreen with gold foil stamp on lexatone material. Endsheets are recycled passport endsheet stock. Available without garlic by request. Pages were produced using Adobe PageMaker and Adobe PhotoShop. No part of the 1999 Big T may be reproduced in any way without consent of ASCIT. Send requests to ASCIT, c/o The Big T, Caltech 27-58, Pasadena, CA 91125.

Closing

From a broken leg to a broken server, it's been a long, strange, but oddly satisfying trip. [Tip to future editors: don't triple threat, break a leg, and edit a yearbook in one year. There are easier ways to get morphine.] There are really far too many people to thank on one page, but here goes: thanks to Hall, advisor extraordinaire; Corey, our long-suffering publisher rep; the nameless legions of Taylor who have put up with lost fonts and lost files.

Here at Caltech, thanks must go to Autumn and Erik for their unswerving support and encouragement (even if in the form of "I'll come back after graduation if you don't do the job and..."), Erik Dill for countless rounds of "Just one more photo," Ronnie Chen for saying to me, late one night "The CRC would make a cool yearbook cover," Alice Coppock for scaring Hovse Historians, The Historians themselves for doing their jobs more or less promptly and correctly, Jonathan, Gustavo and Joe for computer aid (and Travis' copy of Settlers of Catan, even if he doesn't know we used it), Lexi for the chocolate cheesecake, Kathy Hershey (and the rest of the Athletics administrative division), Andrew Strauss for taking nitpicking to a new level, with great benefit to the yearbook, and Tim Raub, who knows about Caltech athletics. Thank you, too, to our advertisers for financial support.

The yearbook was created under the influence of many musics. Congratulations to Adam Badik. No doubt I've forgotten someone. Thank you, whoever you are.

To anyone who has had to live with me and the yearbook, especially John, Patty, Walter, Aaron, Nathan, Kristine, Kj and Pyewacket, I say: "It's over. I'll be much better company now." Thanks to Kudah, Roger, and Jason Cardema for taking pictures. Final thanks go to Nicholas, because without him the yearbook would be poorly spelled, and the editor sorely lacking in humor.

-wren

"THE OTHER NIGHT I TRIPPED A NICE CONTINENTAL DRIFT DIVIDE. MOUNT ST. EDELITE. LEONARD BERNSTEIN. LEONID BRESHNEV, LENNY BRUCE AND LESTER BANGS. BIRTHDAY PARTY, CHEESECAKE, JELLY BEAN, BOOM! YOU SYMBIOTIC, PATRIOTIC, SLAM, BUT NECK, RIGHT? RIGHT.

IT'S THE END OF THE WORLD AS WE KNOW IT.

IT'S THE END OF THE WORLD AS WE KNOW IT.

IT'S THE END OF THE WORLD AS WE KNOW IT AND I FEEL FINE...FINE...

(IT'S TIME I HAD SOME TIME ALONE)"

— R.E.M., *It's the End of the World (As We Know It)*

