

## X



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You'll find two unique themes in this edition of the Big T.

First, we wanted to capture some of the odd and often overlooked features on campus – the small architectural details and art-of-sorts that contribute to the character of our surroundings. Most of the objects featured still exist on campus (perhaps you can recognize them). One has been lost to time.

Second, we have given this book the look and feel of a 1920s Big T. Caltech yearbooks first took that name in 1921, though the content then was much different than that of more recent books. We enjoyed glimpsing into the life of a twenties techer, and we have tried to recreate something of that era here.

For example, they wrote more inspired (and run-on) forewords in 1925:

May the Big T serve as a perpetual reminder of the happy years of work and play which marked our brief pause within the walls of Tech before stepping forth to take our place in the world of men.



#### Dedication

To the real Big T which once graced the side of Mt. Wilson. It was a source of pride for generations of techers. H. Fred Peterson wrote in 1924:

That mountain stands,--the "T" is there,
That holy cross of old,
Reminding men of Tech that they
Are those the gods foretold.
The "T" means Triumph over foes,
And Thoughtful search for lore,
And Trust that Tech will strive to stand
For Truth, forevermore.

The "T" appeared in December, 1915, when a holiday was declared so that some professors and the entire student body. could clear the spot. In the twenties, the freshman class would make a pilgrimage up the mountain (as was their privilege and duty) to give the T its annual scouring. It usually took 200 students about one or two hours to finish the job. At the end of the "T Party", the frosh placed a class marker near the base of the clearing.

The arrival of the 1960s saw the end of T maintenance and gradually the character faded from view completely.

The class of 2001 considered a restoration of the T as a class gift, but met only with bureaucracy. Soil erosion studies and town meetings are now required for any such undertaking.

May the yearbook which honors this symbol be a reminder of the emptiness of lost tradition.



We are proud of our Big T on the mountain, the achievement of those who came before us, and are glad that we have helped to keep it there. May our successors do the same, so that it shall always stand out, symbolic of the Tech man's love for his Alma Mater.

- 1922 Big T -

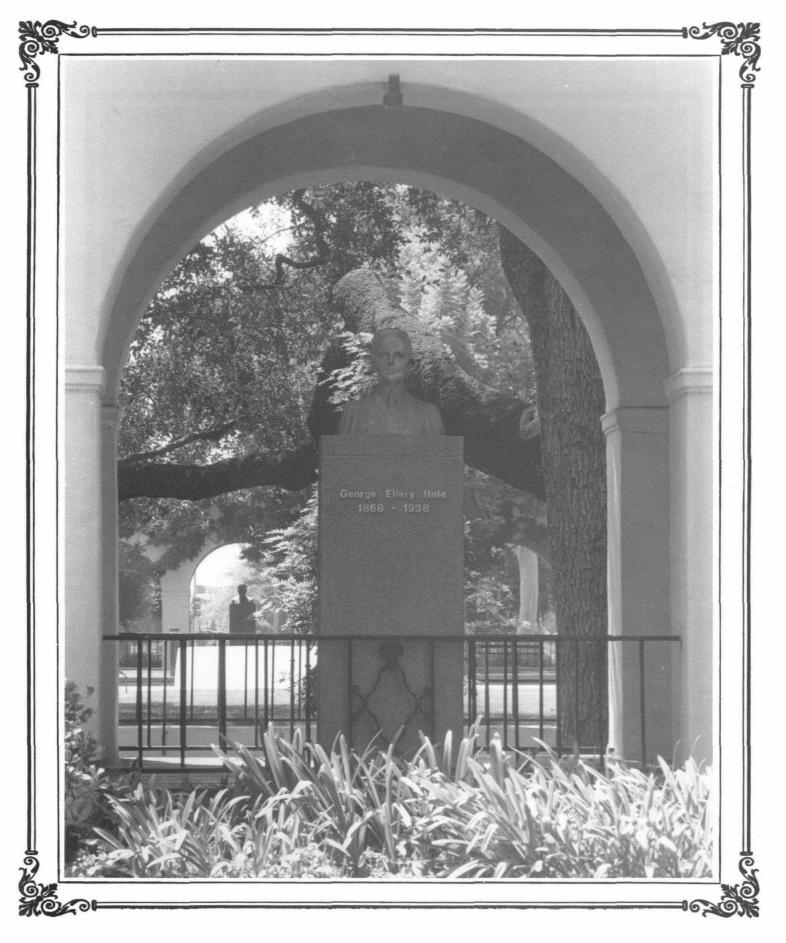




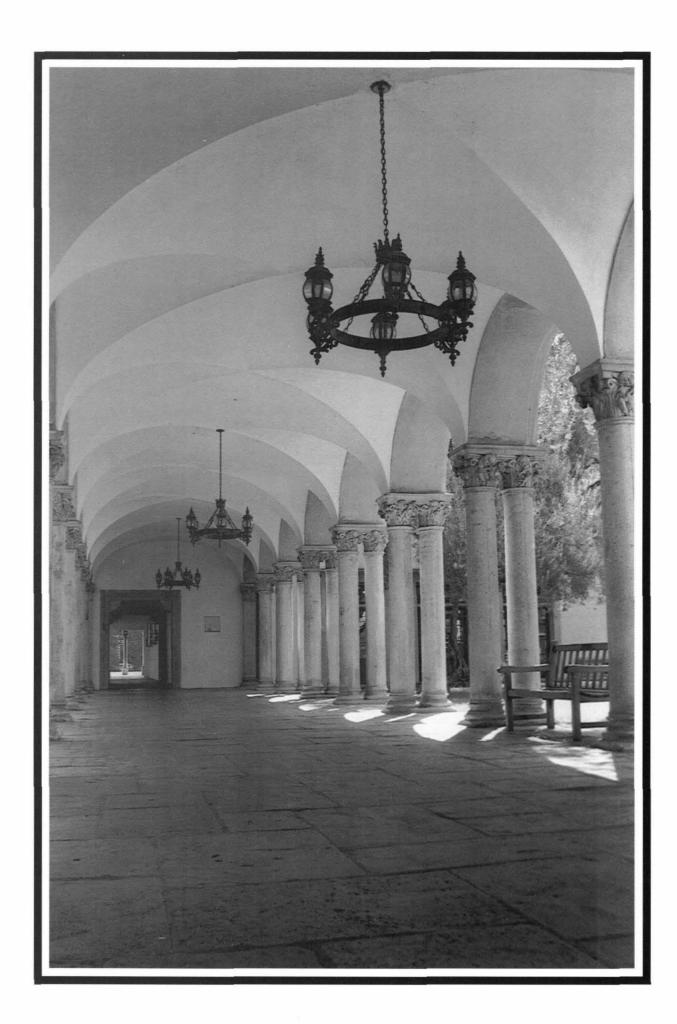
Alex Rosefielde Thomas Wolff Glen Cass

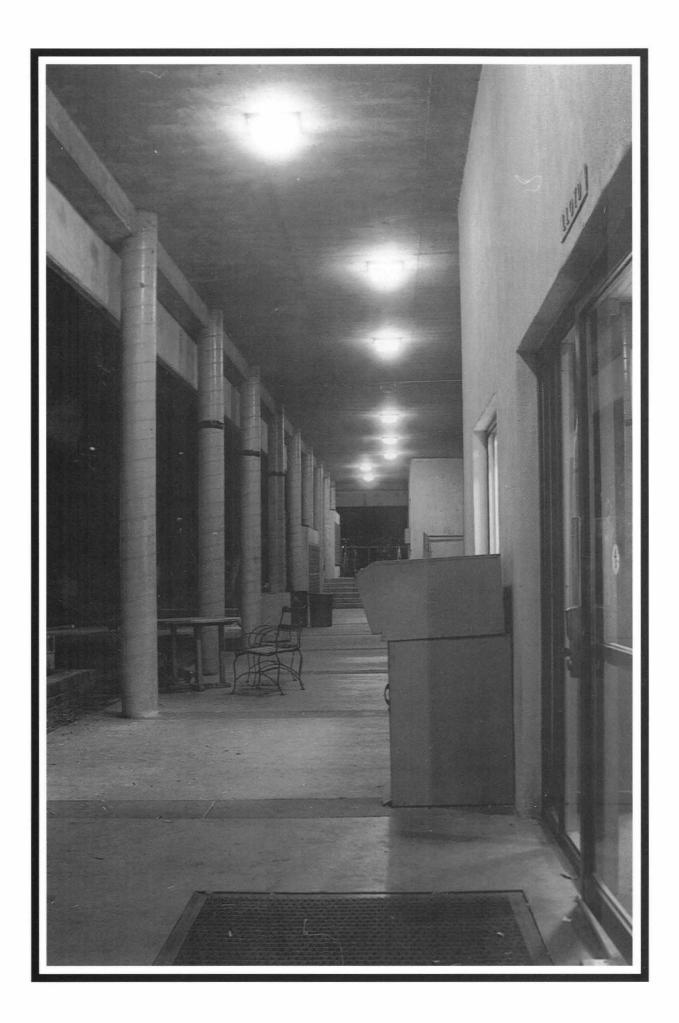
Jeffrey Banks Herschel Mitchell J. Harold Wayland

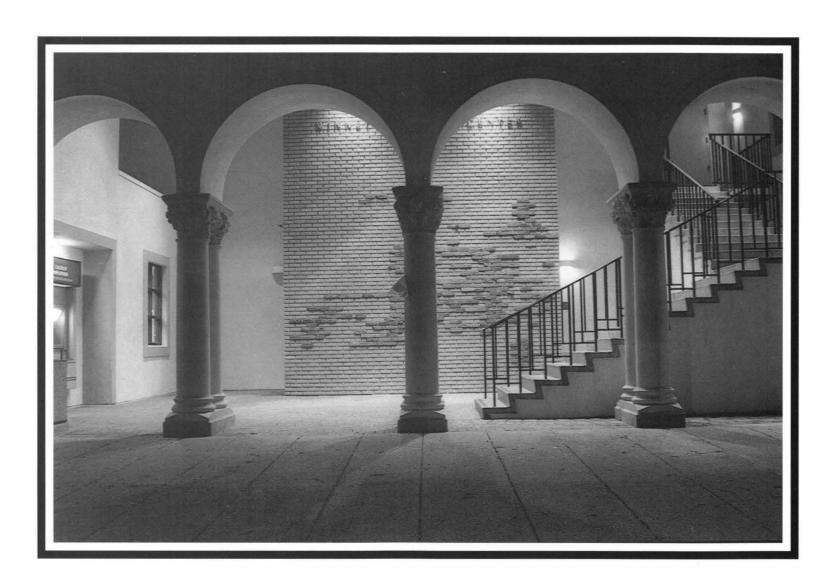
Jose and Maria Villegas



The Institute









#### A Brief History



Amos G. Noyes of Chicago founded Throop Uiversity in 1891. The original site was in downtown Pasadena, where the Green Street Hotel is now. The next year, Throop added Kindergarten and elementary grades and became Throop Polytechnic Institute. Enrollment was 620, with both men and women.



The name was changed to Throop College of Technology in 1908 when astronomer George E. Hale of Mt. Wilson fame came on board. He and Arthur H. Fleming changed the standards of the school to make it a top engineering school – enrollment dropped to 31. The present site of Caltech was acquired.





The present site was occupied in 1910 with the completion of Throop Hall (called Pasadena Hall until 1920). Throop was severely damaged in an earthquake in 1971 and was demolished in 1973.



In 1911, Teddy Roosevelt became the first US president to visit the campus.







In 1913, Amos Noyes became the director of Chemistry, and in 1917 Millikan became the director of physical research, completing the "triumverate" (although Millikan and Noyes wouldn't become permanent residents until 1920ish.)

The Old Dorm was built in 1915, with the Dugout added In 1924, the Dugout (student center with the famous brick fireplace) was attached. In 1962, after the North Houses were operational, the Old Dorm was torn down to make room for Winnett. The



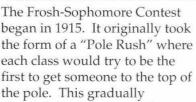


bricks from the Dugout were used for the new building.

During WWI, the entire school became devoted to the war effort, with all students enlisting in active service and the school's facilities used for training. ROTC appeared in 1916.









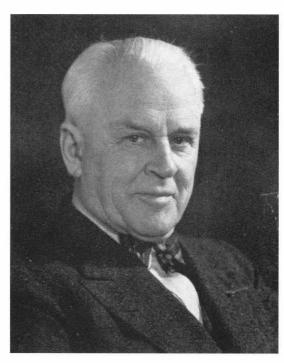
transformed into a Rodeo event and eventually into Mudeo. Mudeo was a popular contest from the fifties all the way until only several years ago.

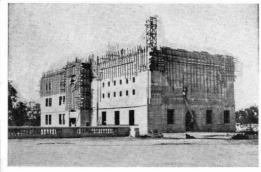


The Gates Chemistry lab was built in 1916.

In 1920, Throop Institute of Technology was renamed to the California Institute of Technology amidst the start of a program to transform the school into a top research institution. The main part of the Bridge physics lab was also built that year.

The president of the school, James Scherer, decided to retire in 1920, his health failing after the war. Millikan was made the Chairman of the Executive council. He would remain in that position, as well as the head of the physics department, until 1945, when he was succeeded by Lee A. DuBridge.





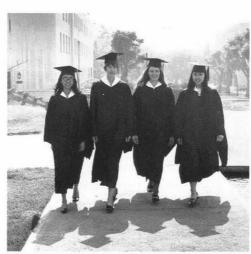
In 1931 the Student Houses (South Houses) were built and in 1935 the ASB incorporated itself into ASCIT, Inc., one of the first student bodies to do that in the country.

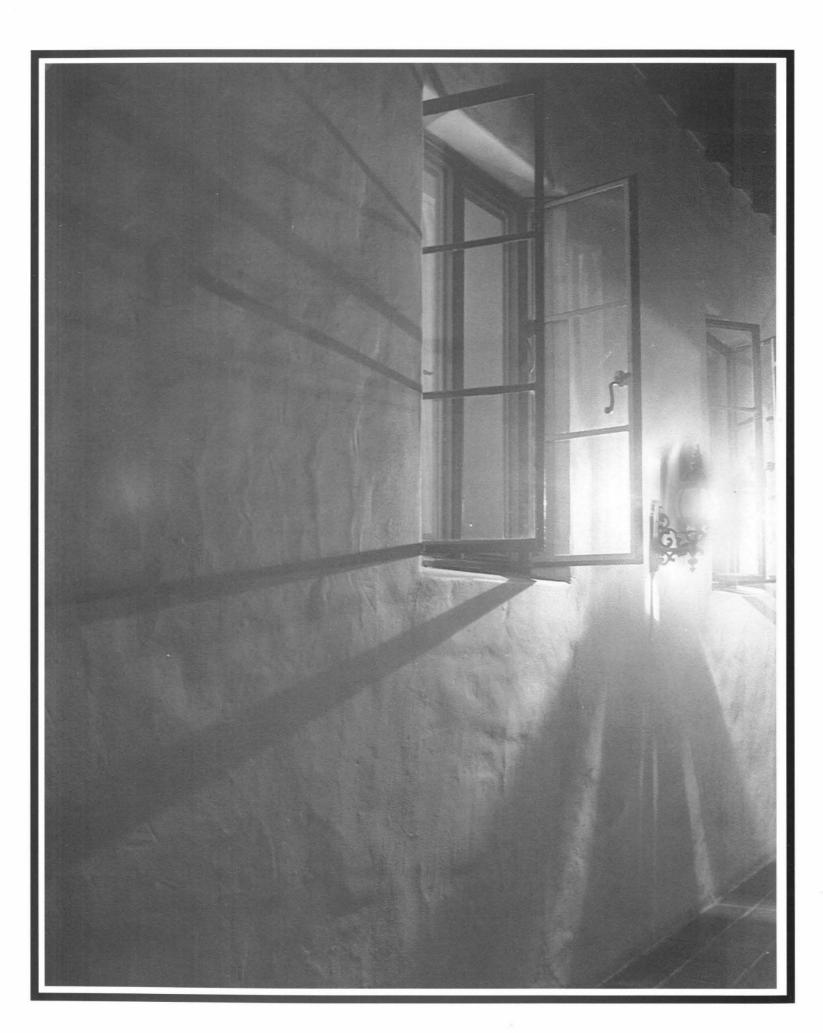


In 1960 the North Houses were built and rotation was suspended for three years.

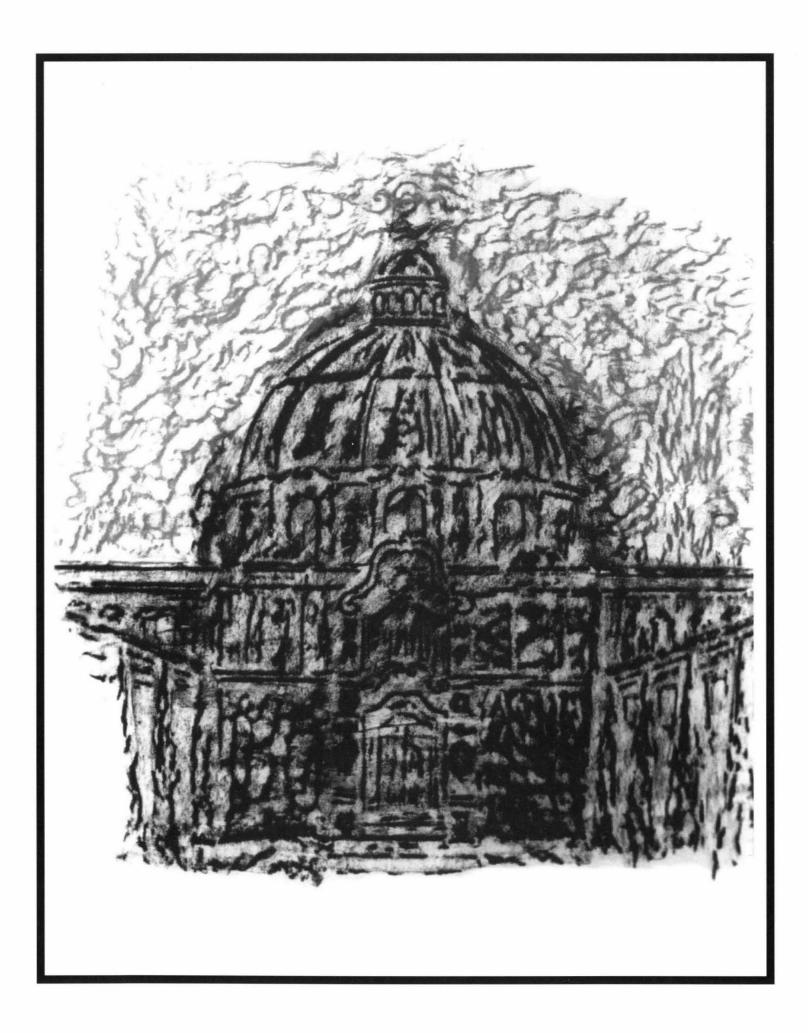
In 1967, Millikan Library was constructed.

In 1973, the first female graduates of Caltech walked.





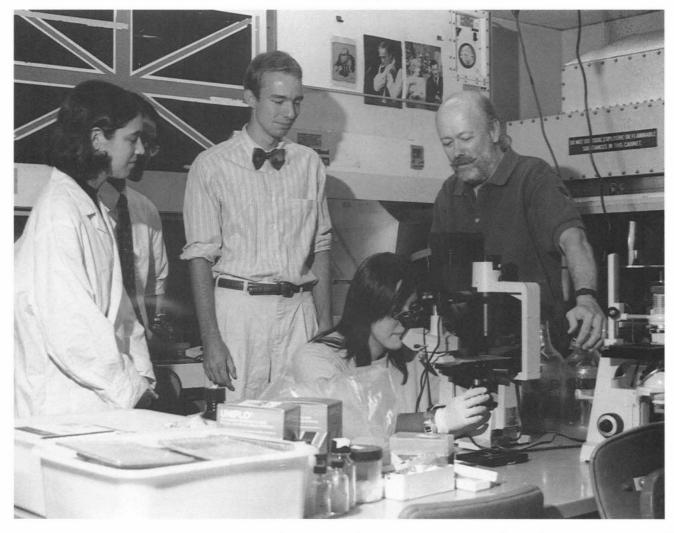






# THE INSTITUTE AT WORK

## Biology



The Caltech Biology Division is presently enjoying the greatest expansion of any division on campus. The appointment of Nobel Prize-winning biologist David Baltimore to the office of Caltech President four years ago has ushered in this new growth. The Biological Sciences Initiative (BSI), launched in 1998, raised \$100 million for the division. This has provided for, among other things, the new Broad Center which will soon be completed. With the amount of research money pouring into any subject with a "bio" in it these days, investment in this division seems like a safe bet for the Institute.

While some undergraduates may feel that biology is less of a science than other disciplines, it is precisely the transformation of biology into a more quantitative and exact subject over the last century that has led to its success. Application of the methods of physics, chemistry, mathematics, and computer science has been a source for great insight into many biological problems.

Accordingly, students of biology are expected to have a broad understanding of the physical sciences. Caltech must be the only school in the country which requires its biology majors to complete a course in quantum mechanics. For the first time in a long while, all undergraduates must now also complete an introductory course in biology. Students in the division study genetics, cell biology, molecular biology, biochemistry, neurobiology, and developmental biology.

Caltech has played an important role in the development of modern biology and continues to do so. Thomas Hunt Morgan, George Beadle, and Max Delbruch, among others, laid the foundations of molecular biology from the 1930s through the 1960s. Research now focuses on the areas already mentioned, as well as biophysics, immunology, and virology. The BSI will place the division in a strong position to capitalize on the recent completion of the Human Genome Project.

## Chemistry & Chemical Engineering



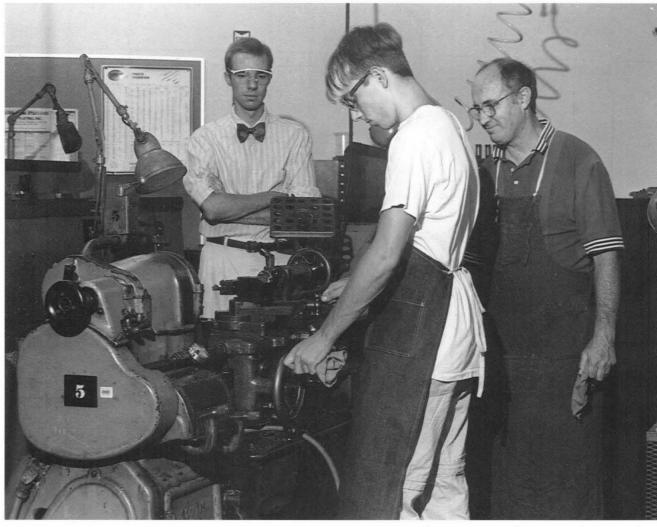
The awarding of the Nobel Prize in Chemistry to Caltech Professor Ahmed Zewail in 1999 was but one new feather in an old cap for this division. Distinguished researcher Amos A. Noyes gave the division its jumpstart in 1920 when he became director of the Gates Chemical Laboratory. Chemistry faculty received many awards in the following years, but the first Caltech faculty member to win a Nobel Prize in Chemistry was Linus Pauling in 1954. Pauling is credited with discovering the nature of the chemical bond, described by some as the single most important discovery in the history of chemistry. Pauling was celebrated this year in a special seminar on the hundredth anniversary of his birthday.

The Chemical Engineering department also has a distinguished and interesting history. Few are aware that famed Academy-Award winnning film director Frank Capra ( *It's a Wonderful Life* and *Mr. Smith Goes to Washington*, among others) earned his B.S. in Chemical Engineering from Caltech. It's no wonder he changed fields; the Chemical Engineering option is considered one of the most grueling of any of the undergraduate options at Caltech. For those that make it through with their scientific interest intact, however, the program provides excellent preparation for graduate study. Chemical engineers are also in high demand in industry, especially in biotechnology, energy, and semiconductors.

Chemistry majors have a wide degree of choice in planning their studies and may tailor their coursework towards an interest in biochemistry, chemical physics, organic chemistry, or inorganic chemistry. Students in this option are also expected to participate in research in one of the many laboratories on campus.

Much of the current research in chemistry at Caltech focuses on finding out how chemical reactions work in both chemical and biological systems. This question is pursued from many angles, such as femtosecond laser techniques, catalysis, enzymology, and surface chemistry.

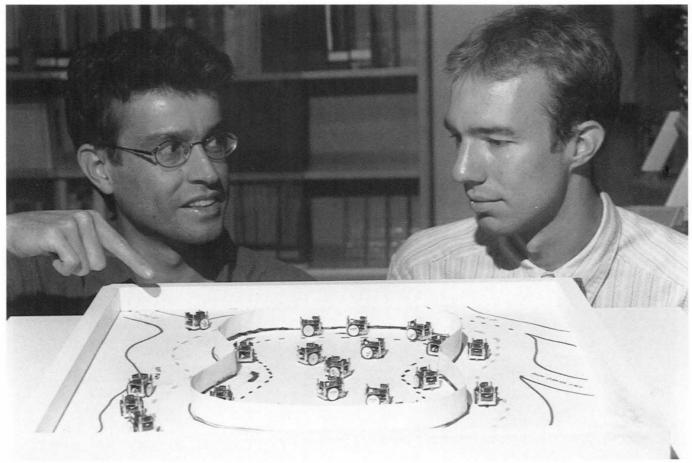
### Engineering & Applied Science

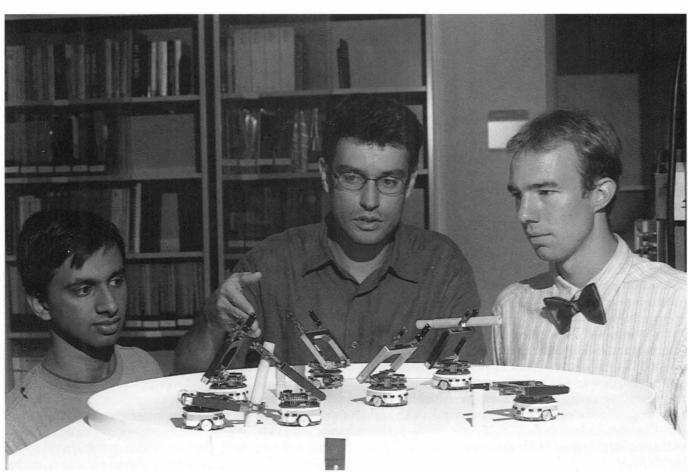


Engineering and Applied Science is Caltech's largest division. It is home to more than 75 professors and nearly half of all graduating seniors. The division encompasses many disciplines: Aeronautics, Applied and Computational Mathematics (renamed from Applied Mathematics this year), Applied Physics, BioEngineering, Civil Engineering, Computation and Neural Systems, Computer Science, Control and Dynamical Systems, Electrical Engineering, Environmental Science and Engineering, Materials Science, and Mechanical Engineering. The most popular specializations for undergraduates are Computer Science, Electrical Engineering, and Mechanical Engineering.

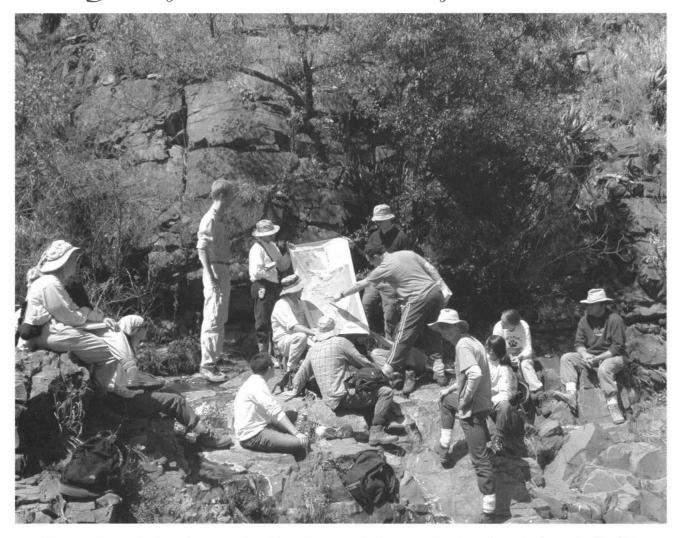
While most E&AS undergraduates do specialize within a discipline, the institute only recognizes Electrical Engineering, Applied Physics, Electrical and Computer Engineering, and Applied and Computational Mathematics as options, with Mechanical Engineering and Aeronautics as possible concentrations. Thus the popular computer science major is not really a major at all -- but most employers seem to understand. Students in this division tend to do some of the most hands-on lab work, but they are by no means spared a thorough theoretical background (perhaps more thorough than some would like).

Some of the departments within E&AS have a long history of excellence; von Karman in a young aeronautics department developed the principles of modern flight. Other departments are based on newer technology and are just getting started. But all are centers for cutting edge-research. From microfluidics and biophysics to voting technology, from collective robotics to numerical analysis and simulation, from efficient fuel cells to micro- and nano-fabrication, the division encompasses a wide variety of interests.





### Geological & Planetary Sciences



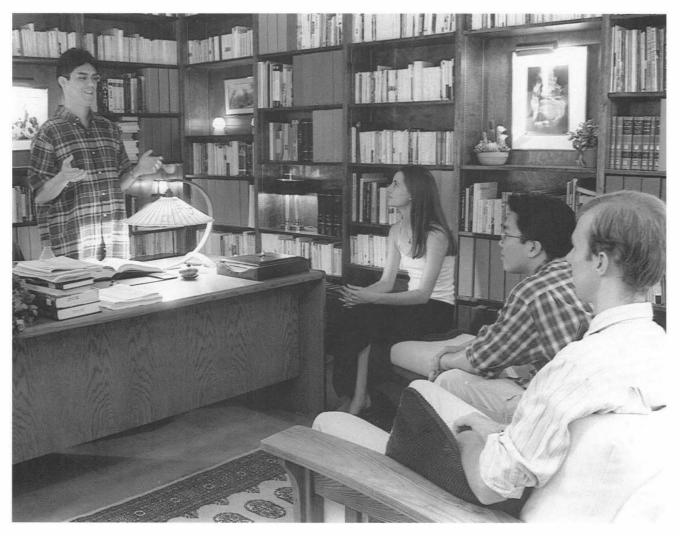
Those undergraduates whose passions lie in the geological sciences find a welcoming home in this division. Not only does GPS boast top notch faculty and research, but it also offers the highest faculty-to-undergraduate ratio at Caltech. The number of undergarduates in the division is small enough to facilitate a more intimate relationship between students and professionals, and the division offers special services to its undergraduates. All seniors are given a field trip to Hawaii, and, due to the generosity of alum Mike Scott, a contingent of students and professors crosses the globe each summer to study in exotic locations for several weeks. Plus, which other division offers camping and field trips as part of the curriculum? The perks of this division may be catching up with it -- enrollment has been steadily increasing over the past several years.

GPS offers four undergraduate options: Geology (including Geobiology), Geochemistry, Geophysics, and Planetary Science. Field work is required for Geology and Geophysics. Advanced work in related sciences is recommended for all options and required for all but Geology.

The division's outstanding reputation is far from new. In the 1920s and early 1930s, Caltech scientists played a fundamental role in the development of seismology. The Richter Scale for measuring earthquake intensity is one glaring piece of this legacy, having been developed on campus. In 1953, Caltech geochemist Clair Patterson first determined the age of the earth -- 4.6 billion years -- and then turned his attention to lead in the air and water. His results helped spark government regulation of automobile pollution.

Important research continues today. A Caltech Planetary Science team this year became the first to measure radio emissions from a Brown Dwarf star. Other researchers offered evidence that while a comet may have wiped out the dinosaurs 65 million years ago, other life forms on earth recovered quickly.

#### Humanities and Social Sciences



Caltech prides itself on the amount of coursework in the humanities and social sciences it requires of its undergraduates. All students are expected to average one course in this division per term, with at least two introductory and two advanced courses in each of humanities and social science. A broad number of fields are represented within the division — History; Literature; Philosophy; Foreign Languages; Art; Music; Science, Ethics, & Society; Anthropology; Economics; Law; Political Science; and Psychology.

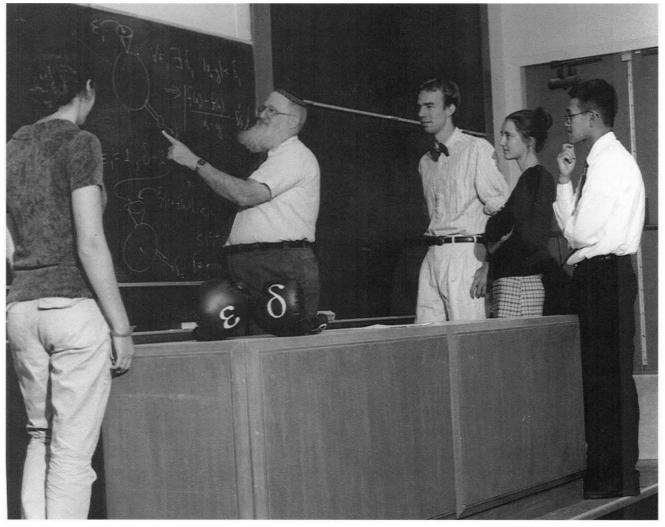
Undergraduates may take courses in any of these fields. Literature, History, Science, Ethics & Society, Economics, and Political Science are also offered as options. Often, students graduate with these as part of a double major, but sometimes students choose one of these fields as their primary concentration.

Students sometimes complain that they cannot escape math at Caltech -- even in their Humanities classes. The Social Sciences are in fact often very math-intensive at this school. Game theory is a prominent research topic among many faculty and finds its way even into psychology courses.

The freshman this year faced a new humanities core curriculum. The courses were revamped and assigned subjects such as History or Philosophy instead of the generic Hum. Frosh are also now required to take their two Hum classes in different subjects.

The division got a big start in 1925 when William Bennet Monroe joined the Caltech Faculty. He had been chairman of the Division of History, Government, and Economics at Harvard. However, HSS remained largely an instruction-oriented division until the late 1960s when it started to be professionalized and a graduate program was added. By the 1980s, the division had become a center of important research. This year, Caltech and MIT completed a study of voting technology and methodology in the US as a result of the botched presidential election in Florida. Two members of this division played central roles in the study.

#### Physics, Mathematics & Astronomy



Physics and math are two subjects that everyone is certain to get enough of at Caltech. Until recently, most students' first experience in a Caltech math class was Prof. Barry Simon explaining how differentiability implies continuity by use of an "epsilon-delta machine." It was a rude awakening for many which would broaden into a two-year uphill climb as the math and physics core curriculum, required of all undergraduates, went on. Some found that they enjoyed the challenge, but far fewer than had thought they would. Options in these majors are difficult, and the joke is that every Caltech freshman comes to Caltech wanting to study physics, but winds up switching to something else.

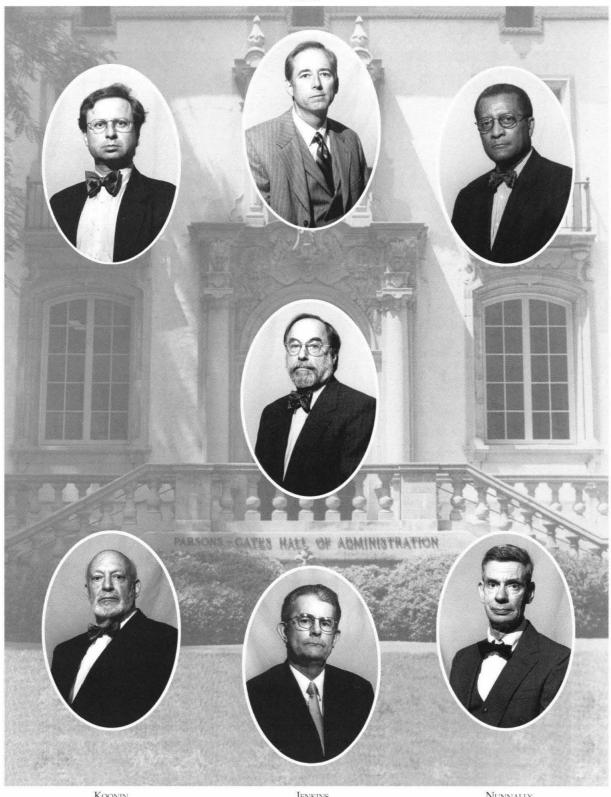
Physics does seem to stand out as glorious in the history of science and of the history of Caltech specifically. It was physicist Robert A. Millikan who helped transform Caltech into a research university while he was its head from 1921 until 1945. He received the Nobel Prize in 1923, firmly planting Caltech on the map of science. Since then, Caltech has claimed thirteen Nobel Laureates in physics. Prominent among these winners was Richard Feynman, remembered here as much for his quirky character and involvement in student life as for his brilliant career in physics. While professors at Caltech, Carl Anderson discovered the positron and Murray Gell-Mann discovered the quark (both Nobel Laureates).

Caltech astronomy has a similarly brilliant history. British astronomer Martin Rees said, "The universe of astronomy has no center but the universe of astronomers does. For years that center has been in Pasadena, California." It was the proximity to Hale's Mt. Wilson observatory that brought him on board with the Institute. Mt. Wilson was incredibly productive, as was Palomar in later years. Hale coined the term astrophysics, a field that also owes many of its discoveries to Caltech.

Important research continues in this division, from the search for gravity waves with the LIGO project to the study of quantum computing.



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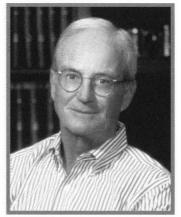
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twenty-nine

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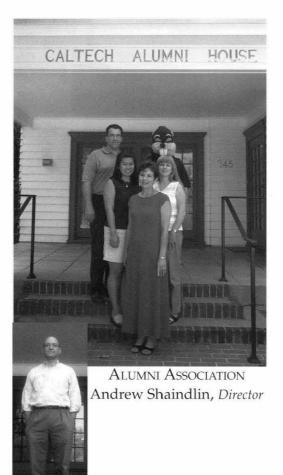
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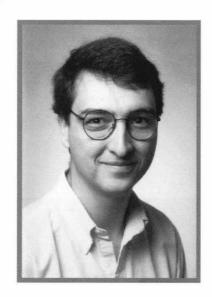
thirty-two

## Faculty Division Chairs

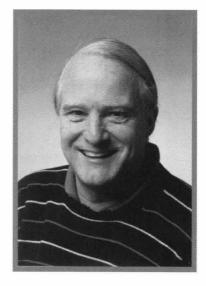














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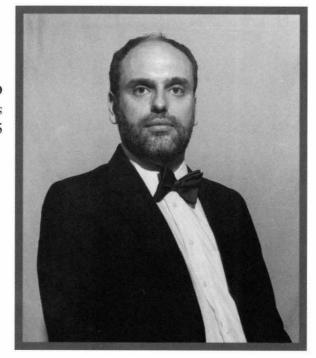
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thirty-three

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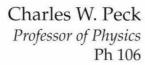
Edward J. McCaffery Visiting Professor of Law Law 33, 134

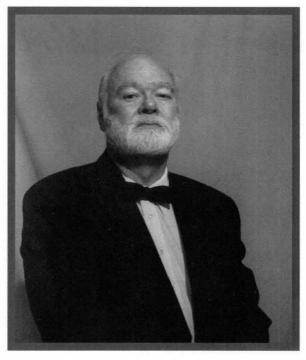






Thomas Neenan *Lecturer in Music* Mu 121, 127, 128, 129, 132, 133





#### ASCIT LIFETIME ACHIEVEMENT AWARDS

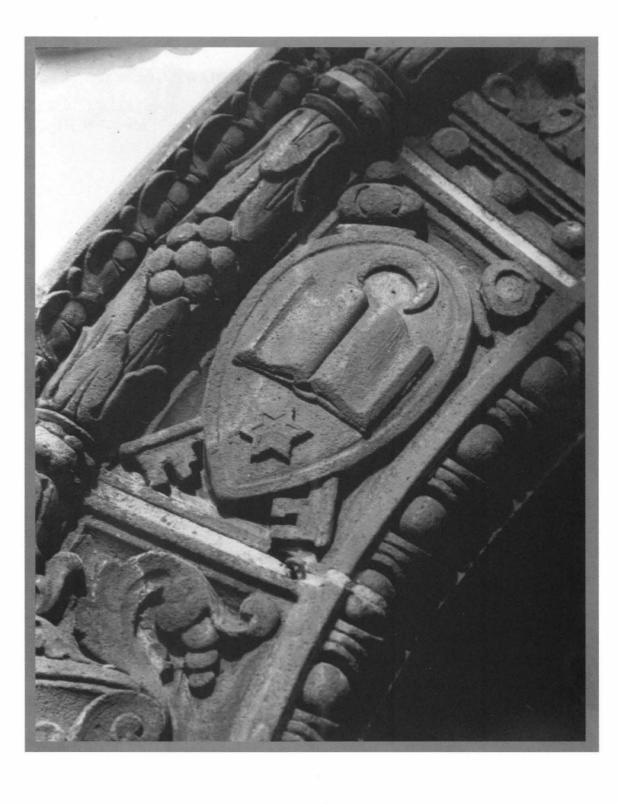


**Glen George**, instructor of the infamous EE 5x series and many other courses in practical CS/EE, is a well-known campus character, a god of programming and digital logic, and an all-around happy guy.

George Cheron, lecturer in Russian, boasts some of the highest enrollments for any humanities course. We were sad to learn of the administration's recent decision to discontinue the Russian program in one year, despite its obvious popularity. His always-crowded Russian Literature in Translation class will be especially missed.

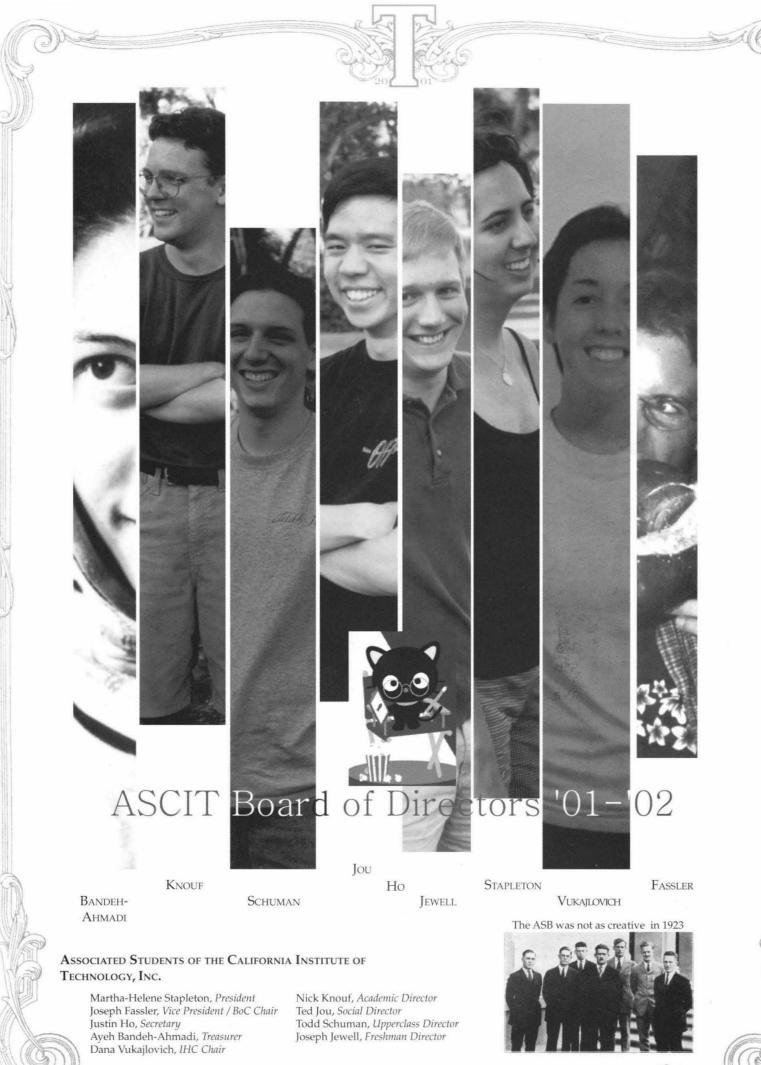
Both men are very friendly, helpful, and well-liked by their students.

thirty-five



STUDENT GOVERNMENT

thirty-six



thirty-seven

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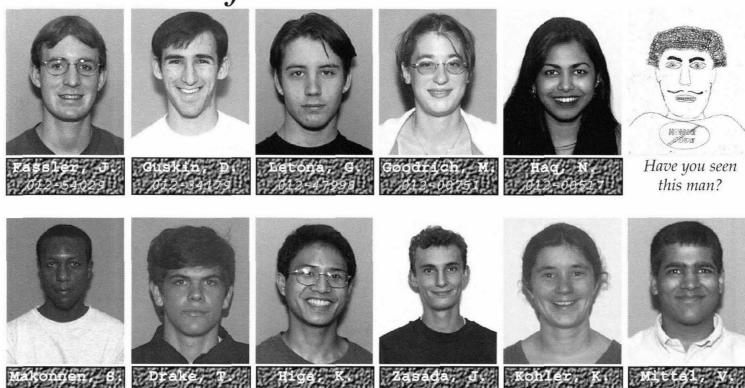
The IHC was more genteel in 1948



A more recent photo of Williams, Davies, Karnesky, Gupta, and Sturgeon



### THE BOARD of CONTROL

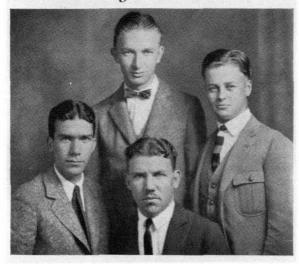


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### Court of Traditions



Officers of the 1924 Court — Senior Judge, Junior Judge/Clerk, Sophomore Judge, Sophomore Prosecutor, and Freshman Representative

The honor code and the BoC are older than the Big T; but in 1922 the undergraduates were blessed with a second judicial body, a subcommittee of the BoC known as the Court of Traditions. It was charged with the seemingly conflicting tasks of eliminating hazing and forcing the frosh to comply with the Traditions and Freshman Rules. As the 1924 Big T explains:

Its end is to interpret the best traditions of the College and to see that the Freshmen are made to live up to these traditions. The Court opposes the practice of hazing in the general sense, but it makes a point to provide adequate discipline for the infant engineers at the Institute. Those frosh who, either through ignorance, willfulness or neglect, go contrary to the rules as laid down by tradition are prosecuted by the Court and sentenced to various original and humiliating tasks.

In those days, it was the duty of the sophomores to make life difficult for the freshmen. A body of rules developed; for example, freshmen were not allowed to wear red and were required to bathe and shave regularly. This practice continued until the ceremony on Emancipation Day, when the frosh were finally freed from sophomore oppression. This day was originally in third term, but by the end of the decade had moved to coincide with the Freshman-Sophomore Contest (the EO event).

For a list of actual Court convictions and sentences, please see the Humor section.

thirty-nine

### THE CONDUCT REVIEW COMMITTEE





















ROBISON BEAUCHAMP

GRUNTHANER STOB

Crosby Kneeland

KLEEMAN VALDIVIA

YEAGER VENABLE

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Brock Beauchamp, Junior • Tim Crosby, Junior Nicole Eber, Junior • Marty Grunthaner, Junior Elise Kleeman, Sophomore • Jessie Kneeland, Freshman • Rebecca Stob, Junior • Al Valdivia, Junior • Morgan Venable, Junior Sam Yeager, Junior

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Sue Borrego, MSA • Don Caldwell, Music • Fiona Cowie, Phil. • Bill Deverell, History • Tim Downs, Athletics • Sue Friedman, Residence Life • John Hall, Civil Eng. • Christopher Hitchcock, Phil. • Melany Hunt, Mech. Eng. • Tony Leonard, Aeronautics • David Levy, Financial Aid • Robert McEliece, Electrical Eng. • Dan Meiron, ACM • Carolyn Merkel, SURF • David Politzer, Physics • Doug Rees, Chemistry • Fred Romberg, RA • David Stevenson, Planetary Science

### CLASS OFFICERS

Senior Class

Puneet Newaskar

President

Dan Daly

Vice President



Newaskar

DALY

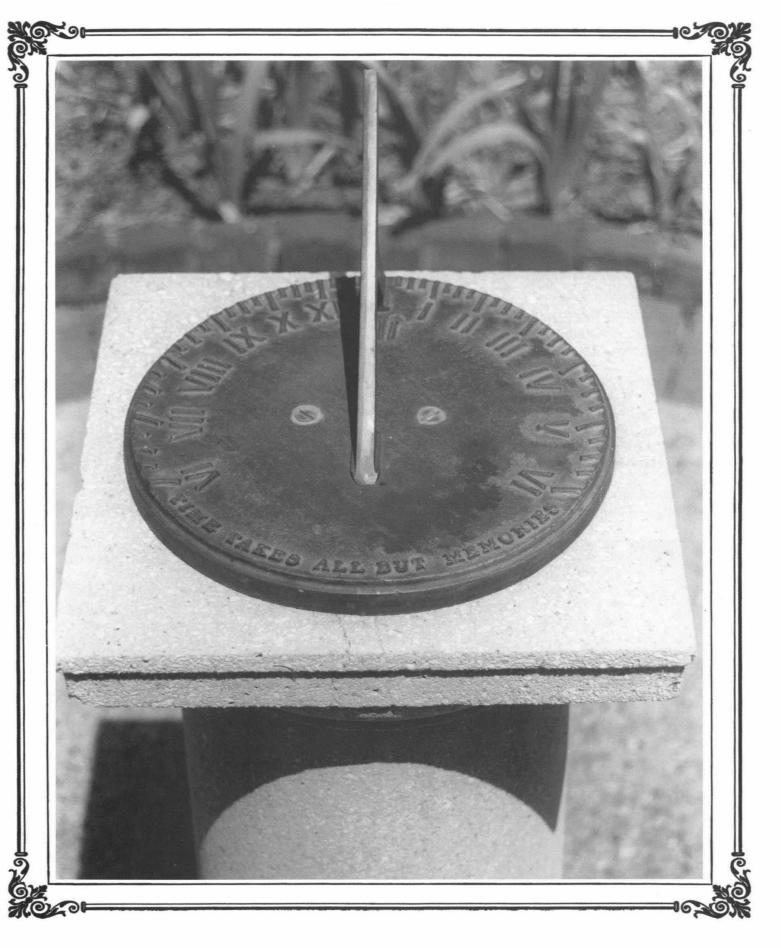


YEAGER

GUPTA

**Junior Class** 

Dinkar Gupta President Sam Yeager Vice President



The Year

### ) verview

The 2000-2001 academic year was a typical one, though there were a few notable exceptions. The Institute saw campus changes in the new Broad Center construction and the Keck Student Services Building renovation. The Board program was changed to offer the Feynman and Millikan declining balance plans. And the Frosh made the initiatory trek to a new Frosh Camp, this time held at the Astrocamp in Idyllwild, California.

ASCIT has continued its tradition of student service. It introduced the

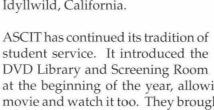
at the beginning of the year, allowing ASCIT members to have their movie and watch it too. They brought the ASCIT Carnival back during Prefrosh Weekend for the second year in a row.

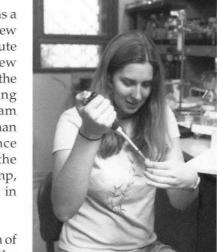
In the Fall term, students looked for the blue flash during Dabney's annual Pumpkin Drop on Halloween, marveled at the ingenuity in the

ME 72 Design Contest,

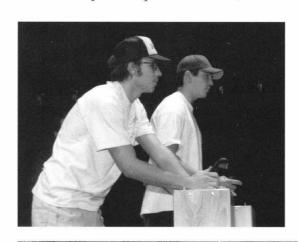
and got a glimpse of royalty when Prince Andrew made a surprise visit to campus. The Winter term brought a battle of the beavers in the Caltech vs. MIT women's basketball game, the introduction of the Caltech Undergraduate Research Journal (CURJ), and Artist-in-Residence George Rhoads (best known for his audiokinetic sculptures) stayed for six weeks to help ten undergraduates design their own projects. In the Spring term, International Week brought cultural awareness to campus, Semana Latina celebrated Latino culture, Prefrosh invaded the campus, Ditch Day made its surprise annual appearance, and the year concluded with the timehonored tradition of Commencement.

May the olives still fall on the Walk for many years to come...









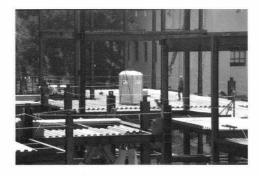


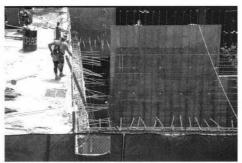






# Campus Renovations





Every year sees new changes to our ever-evolving campus and 2000-2001 was no exception. Construction for the Broad Center, a new biology building, was begun on September 12, 2000. It will be the cornerstone of a \$100 million initiative to strengthen Caltech's research efforts in the biological sciences. Located near the Beckman Institute, the Broad Center will house three major new research facilities: a magnetic resonance imaging center, a biomolecular structures laboratory, and a genetic resources laboratory. The design architect is James Freed from the firm Pei Cobb Freed & Partners, which is known internationally for its design of the Grand Louvre in Paris, among other things.

Keck House was remodeled to become the new Center for Student Services Building. It is now home to the Caltech Y, Residence Life, the Career Center, the Women's Center, the Minority Student Affairs, and the International Student Programs Office.



Construction of the Broad Center

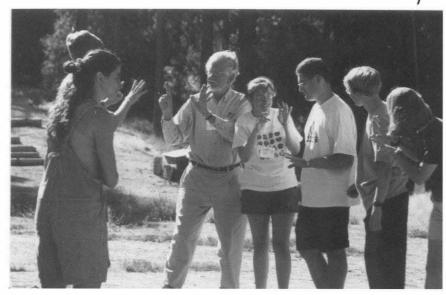


Construction of the Broad Center, from farther away



The newly remodeled Center for Student Services (formerly Keck House)

# Frosh Camp





For freshmen, the year always begins with Frosh Camp, held this year at the Astrocamp in Idyllwild, California. Located up in the Sierra Mountains, Astrocamp is equipped with telescopes and other astronomical tools used during the year to teach middle-school students about the celestial wonders of the universe. For three days last September, little freshmen Techers invaded Astrocamp and were exposed to BoC case studies, Option talks, and Challenges and Choices skits. They participated in the annual (paddleboat) design contest and the House skits/frosh talent show. New this year was the low ropes course, an activity designed to promote leadership and team building. One of the tasks required two people to walk along two diverging logs, each leaning on the other for support. Once again, the frosh had fun.









# SURF, Summer of 2000

Caltech's Summer Undergraduate Research Fellowship program offers undergraduates the opportunity to do research projects in collaboration with Caltech faculty or NASA Jet Propulsion Laboratory technical staff members over a ten-week period. This year, the Perpall speaking prizes for best SURF Seminar Day presenters went to Kathryn Todd (First Place, *Civic and Domestic Virtue: Jane Austen and the Reaction to the French Revolution*), Loren Hoffman (Second Place, *Natural Radioactivity Background Reduction for the KamLAND Neutrino Detector*), and Benson Muite and Robb Rutledge (tied for Third Place, *Particle Flows in Liquid Filled Hourglasses* and *Primate Language Acquisition by Statistical Learning*).





# The 17th Annual ME72 Contest

Once again, the annual Caltech "sporting" event of the year attracted hundreds to Beckman Auditorium as they watched in tense anticipation, waiting to see which hunk of junk would come out on top. This year's challenge — attach magnetic cubes and cylinders to the scoring areas of a vertical, steel-backed, chalkboard wall while maneuvering along ramps and shelves (and, of course, evading the opponent's machines). The challenge was perhaps too difficult this year, since the success rate was uncharacteristically low. But, in the end, simplicity won in the robot designs of Alec Muller and Jason Wong.



Muller and Wong holding up their first place trophy



"Finally, our chance to perform a russian dance in front of an adoring crowd!"



Tweak, tweak, tweak...

forty-five

### ASCIT Events



Wow, stadium style seating!



The new ASCIT Screening Room in the SAC.

Our student government has been hard at work over the past year introducing a plethora of activities and services to make our lives just a little bit better.

A major improvement this year is the new ASCIT website, located at http://donut.caltech.edu. Donut has links to the ASCIT documents, the club activity calendar, the DVD Library, and the Bookmart (where students can find and post used textbooks for sale). With a user account, ASCIT members can reserve ASCIT rooms, order tickets for the ASCIT Formal, or participate in online voting. The site is regularly updated and runs a PHP script on FreeBSD.

This year also saw the coming and going of the ASCIT DVD Library. The DVD Library was established in 1999 as an alternative to the oldstyle projector movies. The collection had since grown to approximately 300 titles, any of which could be checked out for free by ASCIT members. At the beginning of the year, the DVDs were moved to the Coffeehouse, to make them more accessible to students. In the early morning of May 20, 2001, about 170 titles were stolen. No clues were found and no leads were uncovered. ASCIT is currently in the process of rebuilding the collection.

The ASCIT Screening Room, located in the SAC, was first used by the

ASCIT BoD in October 2000 to watch *Animal House*. Since then, the doors have been open to all ASCIT members for their DVD and VHS viewing entertainment (reservations recommended). The room accomodates fifteen people comfortably and features stadium-style seating (with synthetic leather couches), a 61-

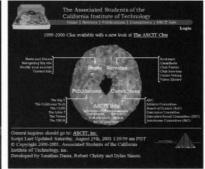


inch television, and audiophile-quality sound. Other events this year included outdoor movies on the Olive Walk and renting out an entire

theater on opening night for two pictures, *Charlie's Angels* and *Pearl Harbor*. Each film attracted the largest body of Techers off-campus that the world has ever known.



An outdoor movie on the Olive Walk.



The homepage of the new ASCIT website,
http://donut.caltech.edu
What kind of donut would
you like today?

# The Beavers Take On the Beavers

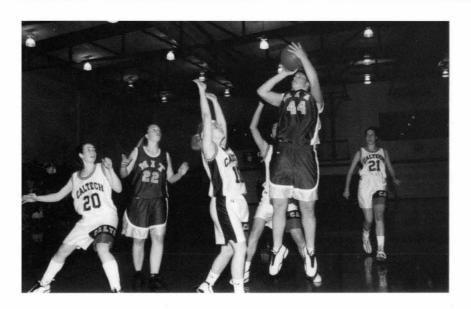
On Friday, January 5, the Caltech women's basketball team took on the MIT women's team in a battle between the two leading science and technology institutions in America. The revved up fans, mostly Techers and some dispersed MIT faithfuls, saw perhaps the most well attended Caltech athletic event in recent memory. The Caltech cheerleaders, making their first appearance of the 2000-2001 school year, adorned the sidelines, while the Caltech Beaver also made its



Beaver fever, snatch it up!

first major appearance of the year.

Caltech was led by cocaptains Sarah Hunyadi and Laurie Gagne. The Caltech women fought valiantly, but the homecoming-like atmosphere was dampened as Caltech fell to MIT by the score of 46-80. The Caltech women will travel to MIT next year for a rematch, and participate in an all-tech tournament at the Illinois Institute of Technology next year. Good luck ladies!









# ASCIT Carnival & Prefrosh Weekend



In April, the prefrosh came. The weather this year was uncharacteristically gray, but Caltech was able to fix its weather machine in time for the second annual ASCIT Carnival, which was even more of a success than last year. There was a bouncy castle, a dunk tank, snow cones, cotton candy, a slip and slide, a human fly wall, karaoke, a barbecue pit, and booths operated by clubs and Houses. A good time was had by all.















# Notturno del Mare Ascit Formal 200



Eric Tuttle and Viji Balaraman

The 2001 ASCIT Formal was held at the Ritz-Carlton Marina Del Rey on the night of Saturday, May 26. Christened "Notturno del Mare", it truly was an extraordinary event, as 262 members of the Caltech community and their guests descended upon the enchanting waterside venue for a formal dinner and a night of dancing.

Just before 7:00 PM on May 26, 2001, guests began arriving at the Ritz-Carlton Marina Del Rey, where they were directed downstairs to the Ritz-Carlton ballroom and reception

area. Before dinner commenced at 8:00, attendees enjoyed hors d'oeuvres and drinks on a patio right on the water. After everyone settled into the ballroom, a full 3-course

dinner was served by the impeccable Ritz-Carlton banquet staff. When dessert was served, the band began to play, and the hundred-plus couples took to the dance floor and enjoyed a mix of jazz, pop, and classic rock until midnight.

The music was provided by a 7-piece band arranged.

The music was provided by a 7-piece band arranged by Bill Bing, Caltech's own Jazz and Concert Band Director. The floral arrangements were also provided by a member

of the Caltech community, Yvette Winn, a former student. They were hired by Ted Jou, ASCIT Social Director, the office traditionally in charge of

planning and organizing

the formal. This year, Ted also enlisted the ASCIT Web Development Team to create a completely online



Niky Morgan and Eric Heisman

Ted Jou and Janet Zhou

registration system. This allowed attendees to choose their entrees, indicate their seating preferences, and even pay for their tickets online using their student accounts.

Whether it was the convenient online registra-



Ingrid Cotoros and Cesar Gonzalez



Heather Graven and Marty Grunthaner



Gustavo Joseph and Curtis Pehl

tion, the glamorous venue, brilliant advertising, or the slowly increasing female population at Caltech, more students attended the 2001 ASCIT Formal than any other in recent history. For most, the Formal was simply a chance to dress up, enjoy a nice dinner, and dance away their cares on a Saturday night; but for a select few, the enchanted evening will live in their memories forever.



Wendell Misch and Kimberly Gruenke



That the lower classes might become accustomed to the absence of a restraining hand, the lordly Seniors slipped away one bright morning to enjoy a well-earned vacation.

The Big T, 1925





#### On the Origin of Ditch Day

On the twelfth of May, the Institute halls were woefully perturbed—solemn dignity had vanished. Someone then found the following placard, which said much and proved little.

KNOW YE:

That Whereas We, the class of 1921, have labored long, faithfully, and true under the domination of the case-hardened faculty;

And That Whereas spring has come, and with it has come, also, a feeling of great unrest, a feeling of discontent, a feeling of perpetual lassitude and ennui which cannot be banished by classroom logic;

And That Whereas it is meet and proper for kindred souls so afflicted to gather together, so that by recreation and enjoyment of nature we may better withstand the rigorous requirements of the *ultimo mensis*, and so that by a decent association with one another we may form a group of men capable of withstanding the tempestuous winds of fate which seek to scatter us upon our commencement day;

And That Whereas the Lord when his work of creation was almost finished, rested upon the Seventh Day, thus Be It Ordained and Decreed that this Twelfth Day of May, Nineteen Hundred and Twenty-one, be a Day of Rest and the Senior Ditch Day of the Class of 1921, and

Be It Further Ordained and Decreed that this Day be dedicated to the relaxation, amusement, and recreation of the Class of Nineteen Hundred and Twenty-one, in any manner in which it may decide;

And Further that this Day be passed on to the Senior Classes of years to come as a *tradition* to be kept, guarded, and cherished, faithfully and well.

So Be It.

THE CLASS OF NINETEEN TWENTY-ONE.



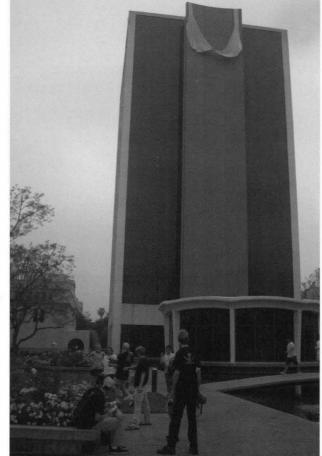
Seniors faring gaily to Ocean Park, there to swim, play, gamble, and sunburn undisturbed in 1926.









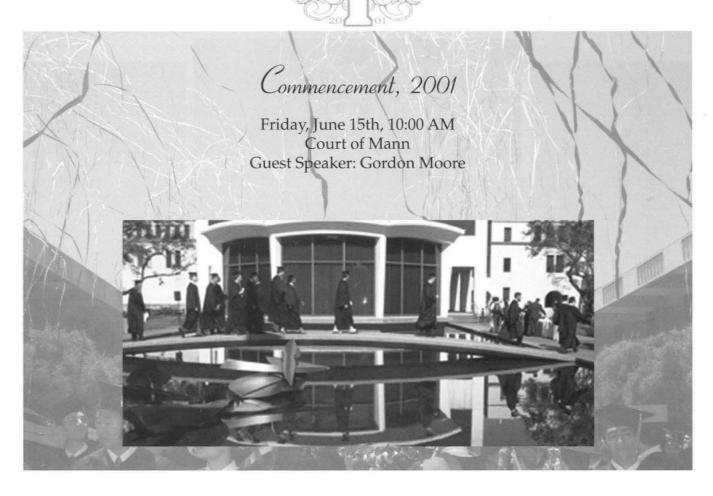










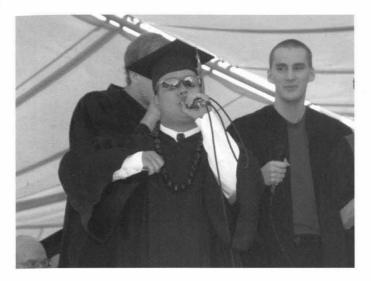






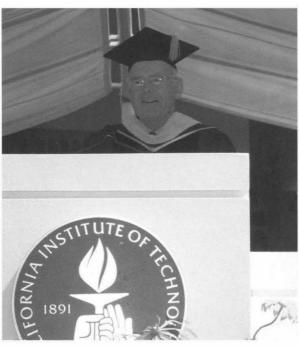
















# Student Life

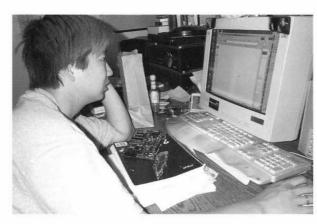






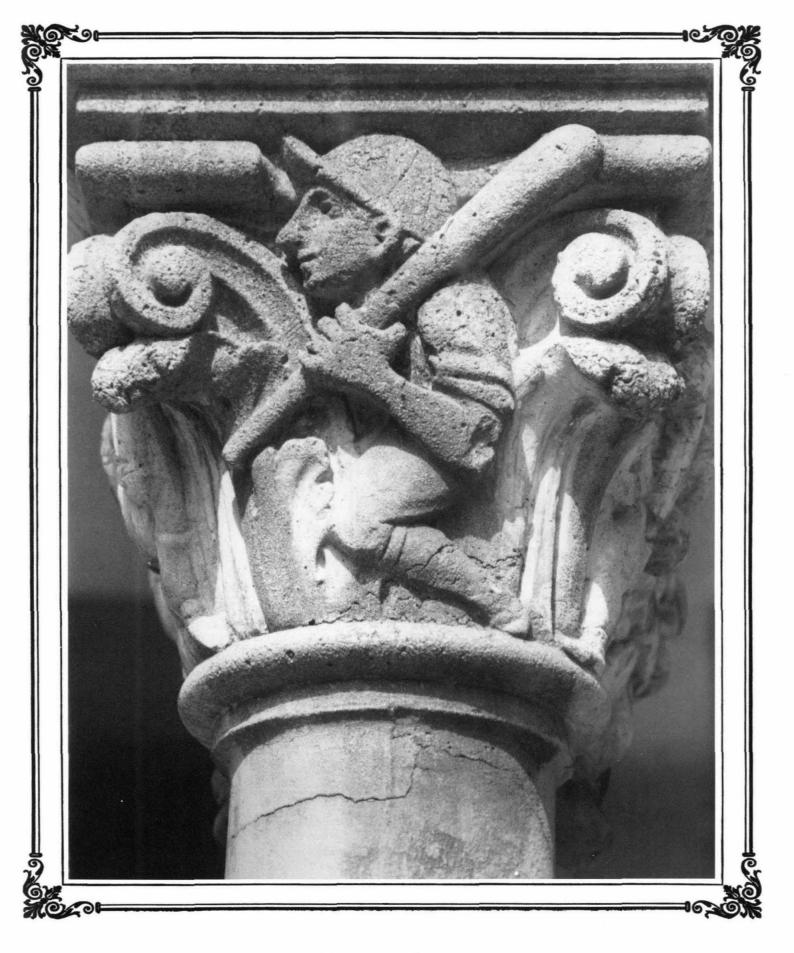












**Athletics** 

# Caltech Athletics

 $oldsymbol{W}$ ith nearly 300 student-athletes, experienced coaches, an excellent training staff, and first-class facilities, Caltech Athletics is a major part of student life. The Institute sponsors 17 varsity sports (10 men's, 7 women's) which compete at the NCAA Division III level as a member of the Southern California Intercollegiate Athletic Conference (SCIAC). In the coming year, Caltech athletics will expand further with the addition of a varsity women's water polo team.

The mission of the department of athletics is to complement sound minds with sound bodies, and to encourage participation in a balanced program of individual and group activities. Therefore, Caltech also offers a variety of physical education, club, intramural, and recreational activities, in addition to intercollegiate competition, that are intended to meet the needs of all members of the Caltech community.

This past year, Caltech teams competed with major universities outside of SCIAC like Penn State, UC-Santa Cruz, UCI, UCLA, USC, UCSB, UCR, and MIT, and more than held their own. This year the teams will look forward to more successful seasons and outstanding personal achievements.

### Athletics Administration, Staff, and Coaches



Mark Harriman Associate Athletic Director



Tim Downes Director of Athletics



Scott Stetson Head Trainer



- Men's Golf Head Coach Toni Garza - Cheerleading Head Coach

- M/W Fencing Head Coach

- M/W Tennis Head Coach

Not shown: George Clovis

Karen Nilsen

John Suarez



John D'Auria Men's Baseball Head Coach



Clint Dodd M/W Swimming/Diving/ Water Polo Head Coach



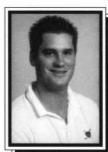
Scott Jung M/W Cross Country Head Coach M/W Track & Field Asst Coach



Julie Levesque Men's Soccer Head Coach M/W Track & Field Head Coach



Rachel Madsen Women's Basketball Head Coach



Women's Volleyball Head Coach Sports Information Director



Gene Victor Men's Basketball Head Coach

### Volleyball



Front row (L to R): Donny Harris (asst coach), Anna Sczaniecka, Kelly Klima, Aimee Eddins, Ingrid Cotoros, Brent Reger (coach); Back row (L to R): Megan Kennedy, Daina Paulikas, Barbara Kraatz, Karen Lam, Dana Vukajlovich, Elisa Chiang; Not shown: Jennifer Fong, Dominika Rytwinska, Rebecca Flint, Lusine Danakian

#### 2000 Schedule and Results

Date	Opponent	Result
Sept. 16	LIFE BIBLE	L, 0-3
Sept. 21	SOUTHWESTERN	W, 3-1
Sept. 22	MULTNOMAH	L, 0-3
	SAN JOSE CHRISTIAN	W, 3-1
Sept. 23	RIO HONDO	W, 3-1
	LIFE BIBLE	W, 3-0
Sept. 26	LA VERNE	L, 0-3
Sept. 29	at Redlands	L, 0-3
Oct. 3	WHITTIER	L, 0-3
Oct. 6	at Cal Lutheran	L, 0-3
Oct. 7	at Pomona-Pitzer	L, 0-3
Oct. 10	at Claremont-	L, 0-3
	Mudd-Scripps	
Oct. 13	ELIZABETHTOWN	L, 0-3
	COLLEGE	
	OCCIDENTAL	L, 1-3
Oct. 14	LIFE BIBLE	W, 3-1
Oct. 17	at La Verne	L, 0-3
Oct. 20	REDLANDS	L, 0-3
Oct. 21	at Whittier	L, 0-3
Oct. 24	CAL LUTHERAN	L, 0-3
Oct. 27	POMONA-PITZER	L, 0-3
Oct. 31	CLAREMONT-	L, 0-3
	MUDD-SCRIPPS	
Nov. 2	at Occidental	L, 0-3

--Home games in CAPS

The fall 2000 volleyball season started off strong. Led by new coach Brent Reger, the Lady Beavers reached a 4-2 record after co-winning the Life Bible Tournament, their best start since 1997. This was the first year that Caltech's women's volleyball team participated in the tough SCIAC conference.

As the season progressed they drew a large following of supporters. Setters Dominika Rytwinska and Megan Kennedy played strongly, while teammates Jennifer Fong, Barbara Kraatz, and Karen Lam hit big and dug hard, sometimes even hitting the floor in their efforts to keep the ball in the air. It was not unusual for lead players to get over 6 kills, or over 10 digs a game.

To both the normal cheers and new, they battled through the season. On September 28th, they became the 11th ranked team for service aces in all of NCAA Division III women's volleyball, and ultimately finished the season 5-15. This is the best finish in Caltech history against only Division III opponents. The Lady Beavers bid farewell to starting seniors Jennifer Fong and Dominika Rytwinska, while the remaining team eagerly awaits the upcoming year.

#### Press Release (9/28/00):

The Caltech women's volleyball team currently ranks 11th in the country in service aces, according to the latest NCAA Division III team statistics released today. The Beavers posted 47 aces in 14 games (four matches) through last Friday, an average of 3.36 aces per game. Caltech is the only school located west of the Mississippi River ranked among the top 20 in team service aces.

# SOCCER



Front row (L to R): Tim Pfeiffer, Gene Short, Doug Baker, Tony Nannini, Matt Reese, Peanut McCoy; Middle row (L to R): Chris Flatt, Nathan Flowers-Jacobs, Sean Pintchovski, Paul Thienphrapa, Samantha Bench, Dagny Looper, Sarah Horst, Andrew Hsieh, Erik Dill; Back row (L to R): Brian Palmer, Ben Kalenik, John Rice, Brian Hardy, Filix Maisch, Rick Spjut, Cesar Del Solar, Nick Guise, Paul Novak, Christian Reichardt, Fernando Campos, Julie Levesque (coach); Not shown: Cris Cornell, Tyler Kakuda, Justin White, Robby Metcalf, Nick Chiang, Matt Haigh, Boris Axelrod, Stanley Wright (asst coach)

#### 2000 Schedule and Results

Date	Opponent	Results
Sept. 8	UC-Santa Cruz	L, 0-8
Sept. 10	Menlo	L, 2-8
Sept. 14	HOPE INTERNATIONAL	L, 0-5
Sept. 16	Cal Lutheran	L, 0-11
Sept. 21	LA VERNE	W, 3-2
Sept. 23	POMONA-PITZER	L, 0-10
Sept. 27	Claremont-	L, 0-7
	Mudd-Scripps	
Sept. 29	OCCIDENTAL	L, 2-3
Oct. 4	Redlands	L, 0-8
Oct. 5	INTERNATIONAL	L, 0-9
Oct. 7	WHITTIER	L, 0-3
Oct. 9	International	L, 0-8
Oct. 11	CAL LUTHERAN	L, 0-7
Oct. 14	La Verne	L, 0-8
Oct. 18	Pomona-Pitzer	L, 0-10
Oct. 21	CLAREMONT-	L, 0-7
	MUDD-SCRIPPS	
Oct. 23	CHAPMAN	L, 1-5
Oct. 25	Occidental	L, 2-0
Oct. 28	REDLANDS	L, 0-12
Nov. 1	Whittier	W, 2-0

-- Home games in CAPS

Caltech men's soccer began its 2000 season nearly a month before the first day of classes. Under the guidance of head coach Julie Levesque and assistant coach Stanley Wright, two months later the Beavers finished 2-18 (2-12 SCIAC), tied for seventh place in the conference. The team picked up several freshmen this year to again become the largest Caltech varsity team at 33 players. Captains Ben Kalenik, Sean Pintchovski and Matt Reese (MVP) led the team through an early season tournament and sightseeing trip to Santa Cruz. Top scorer Fernando Campos (2nd team All-SCIAC) and goalkeeper Cris Cornell (5th in the NCAA in saves per game) joined them to guide the team to a dramatic and wellattended home victory over LaVerne. Although later in the season the Beavers lost to Occidental, 3-2, from a last minute goal, they proved that the once fierce rivalry, a bit one-sided in recent seasons, was still alive and kicking. The Beavers final game brought an end to the dry spell that had plagued them since their early success. Traveling to Whittier, the team battled to a 2-1 victory and gave the seniors the sendoff that they deserved.

#### Press Release (9/25/00):

Caltech 3, La Verne 2

The Beavers earned their first win of the season last Thursday, knocking off conference-rival La Verne in a thriller, 3-2. The match was tied 0-0 until junior Fernando Campos connected twice early in the second half to give Caltech a 2-0 lead at the 59:45 mark. La Verne rallied to tie the match at 2-2 by the 86:50 mark. Just when overtime seemed imminent, La Verne committed a foul in the penalty box and Caltech was awarded a penalty kick at the 87:30 mark. Junior co-captain Ben Kalenik capitalized, putting the Beavers ahead for good, 3-2. Sophomore goalkeeper Cris Cornell made 17 saves in the two matches. He currently ranks 9th in the NCAA in goalie saves per game.

# Men's & Women's Cross Country

This was an exciting year for the men's cross country team. In an unfortunate twist of fate, coach Scott Jung attempted to jump a chainlink fence and caught his shorts. However, this turned out to be a blessing in disguise; inspired by the memory of his unrelenting determination to take the shortcut at any cost, coupled with the general health improvements due to the absence of Scott's soggy sandwiches, the team pushed to new heights. In fact, the team did so well that it was mentioned in the L.A. Times in the same article as other sports powerhouses such as USC and Stanford:

"It was a rough weekend for ... teams at Long Beach State and Pepperdine. Caltech's . . . men's cross country team [took a] second-place finish at the Cal Invitational. In the . . . Invitational, Claremont-Mudd-Scripps' men's team took third, UC Riverside fourth and Pomona-Pitzer fifth." —L.A. Times, 9/28/2000

Caltech later placed seventh at the SCIAC championships at Prado Park in Pomona. Word has it that Coach Jung has managed to extricate himself from his perch on the fence, and has promised to never again buy soggy sandwiches. Given these favorable training conditions, the team looks forward to an even more successful season in 2001.





Above (L to R): Teddy Yu, Daniel Wu, John Yao, Graham Free; Left: Aaron Davies visualizes his next race; Not shown: Eric Anderson, David Armet, Steve Berardi, Will Farr, Lu Gan, J.R. Heberle, Kenny Higa, Matt Hughes, Chad Kessens, Ben Matthews, Zach Medin, Japeck Tang

The women's cross country team has been getting stronger and stronger over the past few years, and the future looks even brighter. Not only has Scott Jung coached the team well for the past two years, but the women have improved and bonded into a true team. Lost is senior Paula Whitten, who consistently came in third on the team and was a great leader. Retained are the top scorers Amy Kelly and Serena Eley, who consistently came in first and second and will help the team threaten the conference next year. Other important members of the team are Dana Ionita and Kathleen Kiernan.

This past year there were many impressive personal bests. Eley ran 22:37 at the Biola Invite, Ionita busted out a 26:09 at SCIAC finals, and Kelly and Whitten ran season bests of 21:01 and 22:25, respectively, at Regionals.

Other contributers were Melissa Soriano, Tory Sturgeon, and Sarah Horst, but school and injuries limited their time with the team. The team looks forward to a large group of interested freshmen next year to further bolster their crew, and hope that next year a strong and healthy team will be able to show the rest of the SCIAC that Caltech is more than just a bunch of dorks. . . These dorks can run and kick butt!

#### Quote:

"I suppose the best part about the season was that I could still run and contribute to the team even though it may have been my worst season ever. And I finished every race I started." -Kiernan

#### Caltech Women's Cross Country Roster

Serena Eley, Dana Ionita-Ariton, Amy Kelly, Kathleen Kiernan, Melissa Soriano, Tory Sturgeon, Paula Whitten



# Men's & Women's Water Polo

Kneeling (L to R): Auna Moser, Kristen Cook, Jacki Wilbur; Front row (L to R): Clint Dodd (coach), Isaac Hilburn, Marko Cetina, Kai Sung, Burak Cendek, Tom Daula, Kevin Chao, Peter Seidel; Back row (L to R): Erik Granstedt, Adam Thomason, Eagle Jones, Vladimir Federov, Matt Higbie, Jim Rebesco, Agedi Boto; Not shown: Aaron Hicks, Eric Sagen, Rachel Thessin, Helena Kauppila, Sarah Mahoney, Emma Huang, Saskya Byerly, and women's coaches Jim Radford and Mike Greene

I he Caltech men's water polo team enjoyed many successes this year. Just before the start of the fall term, the team traveled to Pennsylvania, beating Penn State (21-0) in tournament play. Back in California, the team lost to a number of teams in their division, but were often able to keep those same teams at bay. Playing Redlands, the Division III Champions, the Beavers held their own for the first half of the game. In this game Caltech goalie Vladimir "Vlad the Impaler" Federov had 15 incredible blocks. During the entire season Federov had 221 blocks in goal, in addition to a number of steals.

Several other players stood out prominently this past season. Senior Tom Daula greatly helped the team by drawing an impressive number of 4-meter penalty shots. Also the second highest scorer on the team, Daula once scored 6 goals in a single game. Eagle Jones, the primary holeset and the highest scorer on the team, had his best season ever. He was named an All-American for Divison III Men's Water Polo.

The team will lose five seniors to graduation this year (Jones, Daula, Federov, Kevin Chao, and Matt Higbie), but the young remaining members look forward to great water polo next year.



Spring of 2001 was a season of academic conflicts, the team players are required in the pool at any given time, and this year they had eight. Thus, it was also their last year as a club team; in order for Caltech to comply with NCAA regulations, women's water polo will make the leap to varsity next year.

Looking at their 5-11 win-loss record, the season might be termed a disappointment. Despite being a larger, more experienced team than last year, a combination of bad luck and over-the-goal shots prevented them from demonstrating their abilities on paper. In many other ways, however, their season was a success. They learned new University plays and skills under coaches Jim Radford and Mike Greene, alumns. Despite family, job, and 12-10 in Braun pool.

firsts and lasts for Caltech fielded at least seven players for women's water polo. It was the every game. Freshman Jacki first season they reached the Wilbur (Most Improved) added critical mass of undergraduate much needed speed and women needed to play — seven endurance to the team, while captain Kristen Cook (MVP) scored many goals from the hole. Saskya Byerly also scored many spectacular goals for the team. Other undergraduates include Emma Huang (Coach's Award), Sarah Mahoney, Auna Moser, Rachel Thessin and Helena Kauppila.

Highlights of the season include the San Bernardino Women's Water Polo Tournament, where their swimming skills were put to the test as they played five teams from as far away as Texas. The team also traveled to Tucson, Arizona over Spring break to play in the Arizona State Water Tournament, again playing five games. The season ended on a both Caltech men's water polo high note as they beat Chapman

# MEN'S & WOMEN'S SWIMMING & DIVING



Caltech women's swim and dive experienced another season of ups and downs. The team was bolstered early on by a talented incoming class, only to see, once again, many of the new recruits leave due to shoulder injuries and school-related problems. In fact, during parts of the season nearly every swim team member

experienced some form of shoulder pain, or joint tendonitis. The team persevered, and under the guidance of coach Clint Dodd,

assistant coach Nikki Takarabi, dive coach Adam Burgasser and captain Paula Whitten, finished the season 5-5 (2-5 SCIAC).

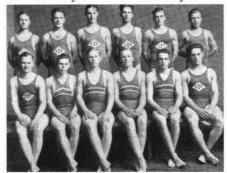
Highlights of the season include the two wins against Whittier, the win against Chapman, winning the Caltech Diving Invitational, and the trip to Mills College in Oakland. The SCIAC championship meet in Cerritos was likewise exciting. Initially postponed due to a pool-cleaning mishap, the team worked around scheduling conflicts to make their events. Each swimmer cheered on their team members to numerous school records. Freshman Jacki Wilbur brought amazing speed

to the team, setting the school record in the 100 yd butterfly (1:02.29) and contributing to the record setting 200 yd freestyle

relay (Wilbur, Sarah Mahoney, Emma Huang, Kamilee Christenson; 1:51.42), 400 yd medely relay (Wilbur, Kristen Cook, Whitten, Mahoney; 4:38.89), 800 yd freestyle relay (Mahoney, Cook, Whitten, Wilbur; 8:57.63), and the 400 yd freestyle relay (Rachel Thessin, Cook, Whitten, Wilbur; 4:16.65).

Front row (L to R): Sarah Mahoney, Emma Huang, Jacki Wilbur, Helena Kauppila, Kamilee Christenson, Katherina Kohler, Julia Greissl, Rachel Thessin, Kristen Cook; Middle row (L to R): Garrett Blankenburg. Will Farr, Erik Granstedt, Kai Sung, Burak Cendek, Jim Rebesco, Dave Armet, Marko Cetina; Back row (L to R): Clint Dodd (coach), Eagle Jones, Chris Hirata, Nathan Flowers-Jacobs, Adam Burgasser (dive coach), Nikki Takarabi (asst coach); Not shown: Eric Anderson, Alan Chang, Tom Daula, Aaron Hicks, Isaac Hilburn, Dan Liebling, Peter Seidel, Saskya Byerly, Mandy Booth, Jennifer Caron, Auna Moser, Linda Soo, Paula Whitten

 ${f T}$ he Caltech men's varsity swim team, under the leadership of captain Eagle Jones and fellow seniors Chris Hirata and Tom Duala, finished the 2000-2001 season 3-5, placing 7th in the SCIAC conference. The team was split evenly between returning veterans and incoming freshmen, and the fresh influx next year should help the team recover after losing this year's talented crop of seniors. Jones made the finals heats at the SCIAC championships in the 500 yd free, 400 yd IM, and the 1650 yd free, while Duala qualified in the 100 yd back. Underclassmen who made the finals heats include sophomores Alan Chang in the 200 yd breast, and Will Farr in the 100 vd back, and freshmen David Armet in the 200 yd breast, and Marko Cetina in the 400 yd IM and 1650 yd free.



1925 Men's Swim Team

# Men's and Women's Basketball



Front row (Lto R): Albert Nguyen, Chris Arnesen, Den Thap, Michael Rizk; Middle row (L to R): Jerry Chen, Michael Clemons, Tyler Drake, Fernando Campos, Brian Wang, Kenneth Ly; Back row (L to R): Gene Victor (coach), Richard Bowman, Jason Turner, Matt Mayernik, Paul Updike, John Estes, Jonathan Bird, Tom Fletcher, Danson Njoroge, Marcel Givriliu (asst coach); Not shown: Aaron Davies



1925 Men's Basketball Team

The Caltech men's basketball team had a year which showed both improvement and promise. This year's class of talented freshman was able to fill the void left by last year's departing seniors. Though the team had a disappointing record, Caltech was often able to keep the games close early. The season's highlights included two victories over Life Bible College and a very close game against conference rival La Verne. With only two graduating seniors this year, Chris Arnesen (capt) and Jay Turner, the team will have a strong core returning next year led by Second Team All-Conference honoree Jon Bird (MVP). This season also marked head coach Gene Victor's fiftieth year as a basketball head coach.



Front row (L to R): Giao Hang, Megan Greenfield, Fu Liu, Samantha Bench, Sarah Hunyadi; Back row (L to R): Ada Yu, Rachel Deco, Jennifer Lee, Julia Salas, Grace Wildanger, Laurie Gagne, Rachel Madsen (coach)

Led by co-captains Sarah Hunyadi (MVP) and Laurie Gagne, the Caltech women's basketball team set a new record for the most wins in a season for the second consecutive year, ending the season 6-13. In



addition to playing in the Patton College Tournament in San Franciso and in Arizona against Southwestern College, the team placed second in Caltech's own tournment. On January 5th, 2001, the team suffered a loss against MIT in Braun Gym before a packed house, but the two teams will have a rematch in Boston on January 2nd, 2002.

The Caltech women's basketball team is expecting to face more challenging teams next year in the SCIAC conference, but having lost only one senior (Samatha Bench, Most Inspirational Player), the team should return stronger and more experienced. Coach Madsen will especially look to center Julia Salas, point guard Ada Yu, and Most Improved player Rachel Deco to step up next season.

### GOLF



The Caltech men's golf team enjoyed another exciting season this year.

Play opened with the SCIAC Best-Ball tournament at the PGA of S o u t h e r n California Golf

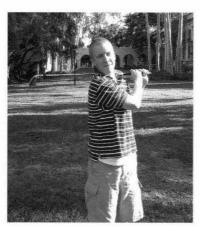
Club in Calimesa. Coach John Suarez (himself a strong golfer) and senior co-captains Jason "Chewie" Chua and Stephen Wexler then led the team (MVP Dave Hedley, Chris Flatt, James Lamanna, Julian Pellico, and Most Improved Graham Free) through seven dual matches. Their best score (346) came at a home match versus La Verne, while their closest match was a nine-stroke defeat to Whittier at Sierra Lakes. The season ended with the SCIAC 18- and 36-hole tournaments at Empire Lakes, Sierra Lakes and Brookside golf courses and a final intrasquad four-club tournament.

Caltech finished the season eighth in SCIAC. Despite the fact that the top three teams in the conference (Cal Lutheran, La Verne, and Redlands) each made it to the NCAA Division III championship tournament in St. Louis, Missouri, the season was still somewhat disappointing. The future looks bright for the young team, however, and number one and two golfers Hedley and Flatt will return to play next year as sophomores.



Front row (L to R): James Lamanna, Julian Pellico, Chris Flatt, Graham Free, David Hedley; Back row (L to R): Steven Wexler, Jason Chua, John Suarez (coach)





Freshman Graham Free shows off his texbook follow-through

# Men's and Women's Fencing



Front row (L to R): Jason Cardema, Sascha Calkins, Abraham Kuo, Jane Garrity, Cristina Thomas, Sara Quan; Middle row (L to R): Minta Akin, Kathryn Dyl, Serina Diniega, Alejandro Munoz, Melinda Owens, Christine Thorn; Back row (L to R): Ghee-Xiong Lai, Matthew Jones, Randy Paffenroth, Christian Thomas, Nathan Stein, Tiago Wright, Joe Nemanick, James Pugh, Istvan Toth, George Clovis (coach); Not shown: Joel Carranza, Elisa Chan, Eric Tuttle, Anthony Sowinski, Dagny Looper

Women's Men's W, 17-10 UCLA W, 20-7 W. 19-8 W, 23-4 USC W, 21-6 **UCSB** W, 14-13 W, 19-8 W, 18-9 UCI L, 12-15 **UCSD** L, 10-17 W, 14-13 **CSUF** L, 11-16 W, 24-3 **UCSB** W, 14-13 W, 16-11 W, 14-13 UCI W, 19-8 W, 17-10 UCLA W. 19-8 W, 15-12 USC W, 15-12 UCSD L, 7-20 W, 15-12 **CSUF** W, 15-12

The Caltech women's fencing team finished its most successful season in history, taking first place in the Intercollegiate Fencing Conference of Southern California with an 11-1 record, and a whopping +556 indicator—the second place team in the conference finished with a +186 indicator. The women's team won both of their matches against USC, UCLA, UCSB, UCI, CSUF, and split its season series with UCSD. The team also remains remarkably intact for the next season, keeping both its foil and saber captains (Sascha Calkins and Elisa Chan), but losing graduated epee captain Jane Garrity.

The Caltech men's fencing team went 9-3, placing second out of seven teams in the IFCSC. The team posted two wins against UCLA, USC, UCSB, UCI, one win and one loss against CSUF, and lost both matches to UCSD. Caltech's never say die attitude paid off, as it edged out the third place team (CSUF) by indicators only — both teams had the same record (9-3) and even bouts won (178). On the individual front, sabeur Nathan Stein nearly completed the first undefeated season for a Caltech mens fencer (35-1), earning him the Caltech Mens Athlete of the Year award.

The Caltech USFA club team did well in its second season. At USC's annual Linkmeyer Invitation, Randy Paffenroth took silver in foil. At UCSB's annual All Cal's, Sascha Calkins took gold in both women's epee and novice foil, while Abraham Kuo took silver in both men's epee and men's saber. Joe Nemanick took gold in the end of year unrated foil competition in the San Diego Division. All told, the Caltech USFA team racked in 3 golds, 3 silvers, and 3 bronzes between its four active members.

Best wishes to the fencing team's newly graduated members: Jason Cardema, Jane Garrity, Nathan Stein, Christian Thomas and Eric Tuttle.



sixty-four

### Men's and Women's Tennis

The men's tennis season began apprehensively as coach Karen Nilsen coached both the men's and women's teams for the first time. Captains Jason Wong (also official stringer) and Gerald Palmrose, as well as the rest of the mens team, welcomed both Nilsen and several freshman players. Two of the newcomers, Vivek Sankaran (co-MVP) and Jae-Woo Choi (Most Improved), became number 2 and 6 singles, respectively. Apprehensions relaxed as the team focused on their hard-fought, but fun, year.

Highlights of the season include close matches with rival Occidental College and strenuous three-set matches, of which returning sophomore Arjun Narayanan played many. Another highlight was the highly-anticipated Hawaii trip during winter break. The special trip only comes once every 3-4 years, and the team thoroughly enjoyed the opportunity.

Palmrose (Most Inspirational) took over for Wong as team captain after spring break, and brought the team to a successful end. Caltech again received the Best Sportsmanship award from the SCIAC conference,



1925 Men's Tennis Team





Front row (L to R): Megumi Abe, Nita Losoponkul, Iljie Kim, Mandy Gamble (asst coach); Back Row (L to R): Virginia Vassilevska, Hannah Kim, Nalini Colaco Sonia Timberlake, Emilie Sharp, Karen Nilsen (coach); Not shown: Susan Sher



Front row (L to R): Vivek Sankaran, David Chou, Arjun Narayanan, Joseph Koo, Harry Kao, Yuki Takahashi; Back row (L to R): Karen Nilsen (coach), Mandy Gamble (asst coach), Jae-Woo Choi, Eric Sherer, Gerald Palmrose, Vicente Fernandez, Jason Wong, Maher Hanna (asst coach)

which it has received four of the past six years. This award is voted on by each team in the conference and is highly regarded. The team would like to say goodbye to seniors Harry Kao, Eric Sherer and Yuki Takahashi and also to freshman Vivek Sankaran, who will no longer play at Caltech.

**2001** was an exciting year for the Caltech women's tennis team. Under the skillful guidance of coach Karen Nilsen and assistant coaches Mandy Gamble and Maher Hanna, the nine dedicated team members played with a lot of heart and team spirit not only in sunny California,

but also in tropical Hawaii. There, the Beavers faced many strong opponents (including the NCAA Division II second-ranked team, BYU-Hawaii) and even managed to wrestle a win away from Chaminade University.

The Beaver squad finished the season with two remarkable fights. The first came against Redlands and was perhaps the closest match in the history of Caltech women's tennis. The Beavers were leading 3-1 until the match was postponed due to rain; when they later resumed Redlands rallied to a 5-3 win. After a strong 9-0 win against La Verne, Caltech finished the 2001 season 7th in the conference.

sixty-five

# Men's Track & Field

**B**um-bum. Bum-bum. Your breath races, heart pounds, and muscles tense. Your team is behind by three points with only one race to go. The lights shine brightly, and the crowd cheers your teammate as he races down the final stretch to give you the baton. Do you have what it takes?

When track season began this year, the Caltech team was very young, consisting primarily of freshmen and sophomores. As they began their multi-dual meets, they performed well against the larger and more experienced teams in the conference. Freshman Sina Yeganeh contributed greatly to the team's "depth", learning to compete in five or more events during any given meet. Yeganeh then put this learning to the test mid-season and took part in a decathalon. Sophomore Chad Kessens also contributed a great deal, winning the 110m high hurdles in several meets and doing well in the 400m hurdles. Freshman Joe Lin exhibited a lot of potential in the 400m and 800m. Steve Berardi (Fr), J.R. Heberle (Fr), Japeck Tang (Fr), and Eric Anderson (So) established new personal bests in distance events, consistently beating Redlands and Cal Lutheran runners.



Injuries began to take their toll by mid-season, which hurt the chances of the team finishing strong. But, with some very Capt. Fowler warns us, "Don't important late additions, try this at home!" – 1923 the team was able to must

together a strong effort for the conference meet. Adding Will Farr (So), Dan Stick (Jr), and Jon Ladd (Sr) immediately boosted team spirits (and points). In multi-duals, Jon threw a new personal best in the shot put by over a foot, and significantly stepped up his 400m time to help the team tie Redlands in the multiduals.

The Beavers competed well in the conference meet also, as a number of people set new personal bests. Caltech also had individuals named as All-Conference runners in two events. Kessens placed 5th in the 110m high hurdles, and the 4x400m relay team consisting of Lin, Yeganeh, Kessens and Ladd



Up, up, and away! -1925

took 6th. The relay was extraordinary — nearly everyone ran faster than they ever had before. The young team has great potential, and its members look forward to great things next year. Hopefully, with another class of good runners that can stay healthy, the team will be even more improved next year. Redlands is going down!



Above (L to R): Dave Guskin, John Yao, Teddy Yu, Jeff Cox; Right: Graduating senior Jon Ladd; Below (L to R): Chad Kessens, Sina Yeganeh, Omar El-Sheikh; Not shown: Ben Kalenik, Brad Blakestad, Eric Anderson, Gabriel Post, Graham Free, J.R. Heberle, Japeck Tang, Jason Mitchell, Joe Lin, Justin White, Paul Theinphrapa, Steve Berardi, Tim Pfeiffer, Will Farr, Dan Stick, Zach Medin, Tony Nannini



Off to the races!



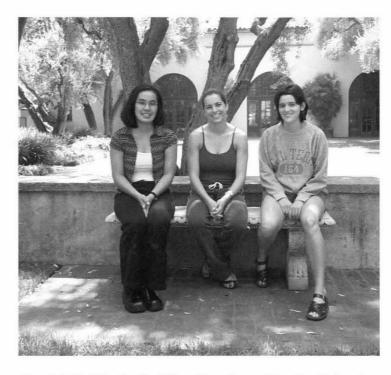
# Women's Track & Field



This year, the Caltech women's track and field team had the largest number of athletes it has had in recent years. Although winless, the women proved to have a plethora of competitive spirit and determination.

Sophomore Katie Mack helped the team by scoring points in the high jump and the triple jump at several meets. Mack also started throwing javelin this year and shows great potential for next year. Freshman Elaine Gee began as the only woman's pole-vaulter and set the school record, before it was set even higher by senior Paula Whitten. Freshman Amanda Mundt also greatly contributed to the women's pole-vaulting effort. Freshman Sarah Horst overcame knee and foot injuries to finish strong in the 800m, nearly qualifying for conference finals. The woman's 4x100m relay team shows much promise for next season with 4 of the 5 members returning: junior Serena Eley, Horst, Becca Kim, and Dagny Looper, with senior Paula Whitten departing. Junior Amy Kelly, Eley, and freshman Kathleen Kiernan proved to be lasting long distance runners, with Kelly excelling in the 3000m which will help the transition to the newly instituted women's 5000m. The women's sprinters also performed well throughout the year, with junior Dana Ionita-Ariton and Eley coming through as leaders, providing experience to help the newcomers.

Finally, the women's throwers gave outstanding performances throughout the year. Freshman Rachel Deco and senior Iljie Kim proved their strength by throwing shot put. Additionally, Deco, Kim, and Looper showed their early



Above (L to R): Elaine Gee, Sarah Horst, Dagny Looper; Below (L to R): Scott Jung (asst coach), Amy Kelly, Serena Eley; Not shown: Becca Kim, Amanda Mundt, Dana Ionita-Ariton, Katie Mack, Kathleen Kiernan, Paula Whitten, Rachel Deco, Iljie Kim, Samantha Bench



primate instincts by hurling javelins at the men's team (at least they didn't hurt themselves). Deco and Kim also spent many hours spinning in attempts to improve their discus throwing. Senior Sam Bench joined the three throwing events midway through the season providing formidable competition to the incumbent throwers. All in all it was a great year for the women's track and field team, and the team looks forward to even greater success next year.

### BASEBALL

CALTECH
BEAVERS
CORE IS IT!

B

Front row (L to R): Tony Nannini, Thomas Juliano, Miguel Lemus, Derrick Hasterok, Jorge Avelar, Jason Quimby, David McKeen, Tim Buschman; Back row (L to R): Jackie Adams (asst coach), Brian Stalder, Eric Tardiff, Eric Peters, Andy Conner, Shane Arney, David Bernat, Brian Palmer, Chris Rutherglen, John D'Auria (head coach)

Caltech's baseball team experienced another difficult season this year, winless in SCIAC divisional play and logging just one win overall. However, looking past the wins and losses, there were many bright spots to the season.

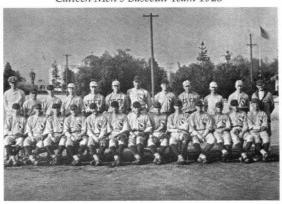
Caltech's only win was a resounding one, coming early on in the second game of a Saturday double-header against Patton College. After getting hit hard for 16 runs in the first game, Caltech's pitchers held Patton to just 5 runs over 7 innings. Fortunes similarly reversed for Caltech's offense. After getting shut out in the first game, they exploded for 16 runs. The Beavers proudly walked off the North Field that day, savoring the taste of victory while it lasted.

Caltech received strong support from its seniors. Tim Buschman, a four-year letterman, anchored the thin pitching staff. He often put his arm on the line to throw a complete game, and in one start threw nearly 200 pitches. When he wasn't busy striking out opponents, Buschman played a solid third-base. Derrick Hasterok, a three-year letterman (only because a car accident prevented him from playing during the 2000 season), was a rock in Caltech's batting order. Hitting third, the Caltech baseball MVP led the team in slugging percentage and doubles. He was also one of only two players to hit a homerun. Seniors Brian Stalder (first-baseman), Erik Tardiff

(pitcher and second-baseman), and Jorge Avelar (catcher and third-baseman) also positively impacted the team.

Constant rain during the season meant many games were either postponed or cancelled due to poor field conditions. The North Field was plagued by puddles, loose turf that quickly turned to mud when played upon, and a hard infield dirt that gave tricky hops. With any luck, next year will be much brighter, both for the weather and the team's performance.

Caltech Men's Baseball Team 1925



2001 Schedule and Results

Date	Opponent	Result
Feb. 2	SIMPSON	L, 5-6
Feb. 3	PATTEN COLLEGE(DH)	L, 0-16/W, 16-5
Feb. 9	at Cal Lutheran	L, 3-31
Feb. 10	CAL LUTHERAN(DH)	L, 0-21/L, 0-14
Feb. 16	at Redlands	L, 4-21
Feb. 17	REDLANDS(DH)	L, 0-12
Feb. 23	at Claremont-	rain
	Mudd-Scripps	
Feb. 24	CLAREMONT-	rain/L, 5-23
	MUDD-SCRIPPS(DH)	
Mar. 2	at La Verne	L, 3-24
Mar. 3	LA VERNE(DH)	L, 3-17/L, 1-23
Mar. 9	ALLENTOWN COLLEGE	L, 2-15
Mar. 10	ALUMNI GAME(EXH)	L, 5-16
Apr. 6	OCCIDENTAL	L, 7-19
Apr. 7	at Occidental(DH)	L, 0-10/L, 0-13
Apr. 10	CLAREMONT(DH)	L, 0-10/L, 3-20
Apr. 14	PCC	L, 2-24
Apr. 20	WHITTIER	L, 0-21
Apr. 21	at Whittier(DH)	L, 5-15/
,		L, 0-23
Apr. 27	POMONA-PITZER	L, 11-1
Apr. 28	at Pomona Pitzer	L, 18-2

-- Home games in CAPS

## Cheerleading

The latest incarnation of the Caltech Cheerleading Squad was founded as a club sport by Nicole Eber in the fall of 1999. In 2000-01, the fledgling squad matured, recruiting new members, hiring a coach, and donning new uniforms. They cheered for the men's and women's basketball teams at home games and provided halftime entertainment. The squad also made special appearances on Prefrosh and Graduation Weekends and participated in Cheerleaders of America West Coast Open Championship in Irvine.





Back Row (L to R): Juan Garcia, Oscar Jay Carlton IV, Dana Sadava, Sarah Cooke, Stephanie Kovalchik, Erica Nicole Eber; Middle Row (L to R): Jean Kim, Ted Jou, Nitzan Roth, Janet Zhou, Rui Wang, Bridget West Front Row (L to R): Chuck Hsiao, Kristin Shantz, Rachel Medwood, Jialan Wang, Elaine Ou; Not shown: Serina Diniega

A great majority of the Caltech Cheer Squad had little or no cheerleading experience, but through hard work and determination, they learned the basics of modern competitive cheerleading. Their coach, Toni Garza, a veteran of the cheerleading world, taught them basic stunts, cheers, and dance routines and in the 6-12 hours they practiced each week, the

cheerleaders made steady improvement. This all culminated in a 90-second performance at the COA West Coast Open on March 11, 2001. The Caltech cheerleaders jumped, tumbled, lifted, cheered, danced, and flew with all

their heart and were rewarded for their hard work by being named the champions of their division, taking home a first place trophy and all the pride that came with it.

In the summer of 2001, several members of the cheer squad attended the United Spirit Association college cheer camp at UC-Santa Barbara, where Caltech was named "Most Improved Squad". With a championship in their pockets and a strong dedication to getting better and better, the future is bright for the Caltech Cheerleaders; maybe someday they might even get a football team to support.



2001 COA West Coast Open Champions! Coach Tonii Garza is featured in the upper right.



"Motors-Bridges-Bevel-Gears C-I-T-Engineers!"



The 1925 Caltech Yell Squad

### $2000 ext{-}2001$ Sports $\overline{R}$ ecap

### A<u>ll-American</u>

Eagle Jones - Men's Water Polo

### All-SCIAC Honorees

#### First team

Eagle Jones - Men's Water Polo Chad Kessens - Men's Track and Field Joe Lin, Sina Yeganeh, Chad Kessens and Jon Ladd - Men's Track 4x400m Relay

#### Second team

Fernando Campos - Men's Soccer Jonathan Bird - Men's Basketball

### $\mathcal{J}_{ ext{inal Records/SCIAC Finish}}$

Men's Cross Country - 7th/8 teams Women's Cross Country - 8th/8 teams Men's Soccer - 8th/8 teams Women's Volleyball - 8th/8 teams Men's Water Polo - 7th/7 teams Men's Basketball - 8th/8 Women's Basketball - (6-13) Men's Fencing - 2nd in Conference Women's Fencing - 1st in Conference Men's Swimming/Diving - 6th/7 Women's Swimming/Diving - 6th/7 Baseball - 8th/8 teams Golf-8th/8 teams Men's Tennis - 6th/8 teams Women's Tennis - 7th/8 teams Men's Track and Field - 8th/8 teams Women's Track and Field - 8th/8 teams

### $\mathcal{I}_{\operatorname{eam}\operatorname{MVP's}}$

Men's Cross Country - Eric Anderson Women's Cross Country - Amy Kelly Men's Soccer - Matt Reese Men's Water Polo - Tom Daula Women's Volleyball - Jen Fong Men's Basketball - Jonathan Bird Women's Basketball - Sarah Hunyadi Men's Fencing - Nathan Stein Women's Fencing - Elisa Chan Men's Swimming/Diving - Eagle Jones Women's Swimming/Diving - Jacki Wilbur Men's Baseball - Derrick Hasterok Golf - David Hedley Men's Tennis - Jason Wong, Vivek Sankaran Women's Tennis - Nita Losoponkul Men's Track and Field - Chad Kessens (T), Sina Yeganeh (F) Women's Track and Field - Serena Eley (T), Paula Whitten (F)

#### Special Thanks to:

Kelly Klima - Volleyball Article
Nick Guise - Soccer Article
Kenny Higa - Men's XC Article
Amy Kelly - Women's XC Article
Isaac Hilburn - Men's Water Polo Article
Rachel Thessin - Women's Water Polo Article
and Women's Swimming/Diving Article

Will Farr - Men's Swimming/Diving Article Michael Rizk - Men's Basketball Article Ada Yu - Women's Basketball Article Graham Free - Men's Golf Article Abe Kuo - M/W Fencing Articles David Chou - Men's Tennis Article Virginia Vassilevska - Women's Tennis Article Chad Kessens - Men's Track & Field Article Rachel Deco/Rebecca Kim - Women's Track & Field Article Shane Arney - Men's Baseball Article Ted Jou - Cheerleading Article Qi Janet Zhou - Asst Layout Editor

#### EVOLUTION OF THE CALTECH BEAVER



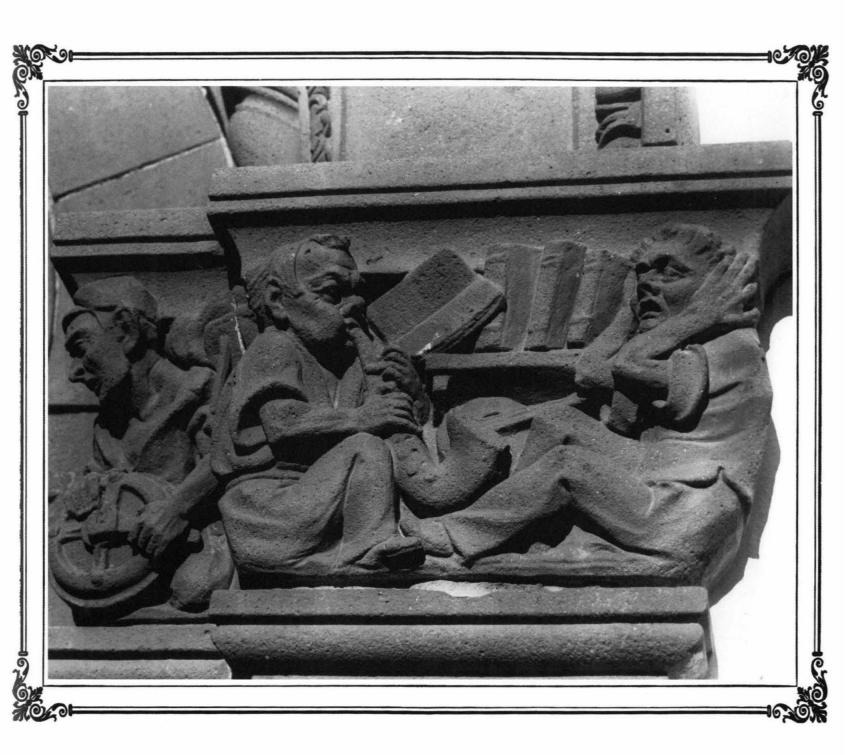
Mascot of 1942



An old school Beaver



New mascot of 2001



Organizations & Activities

# **TACIT**

Theatre Arts at the California Institute of Technology presents

# Cast

Georgios Zamanakos Othello, the moor lago, his ancient MKESDEATE Allen Corcorran Iulia Greissl Desdemona, wife to Othello Mohana Kumar Emilia, wife to lago Adam J. Burgasser Cassio, Othello's lieutenant Bianca, a courtesan & mistress to Cassio Karen Kahler Michael Shulman Roderigo, suitor to Desdemona Craig Peterson Brabantio, father to Desdemona Jeff White Lodovico, cousin to Desdemona Sander Granat Gratiano, uncle to Desdemona **Jeff Sullivan** Montano, governor of Cyprus Steve Collins Duke of Venice Hans-Michael Muller Officer David E. Herman 1st Gentleman Babak Sanii 2nd Gentleman, also Messenger Jimmy Fung 3rd Gentleman Panu Trivej Sailor John Donlin Senator Bran Camilli Soldiers Ion Kondrath Robert Swinne Diana St. Iames Head Housekeeper Suzana Sburlan Impertinent Maid Amy Duellb Music Critic Musical Maids Iram Parveen Bilal

Elizabeth MacWilliams-Brooks
Rachel Medwood
Amanda Sisk
er Jessica R. Edwards
Kyle Collins
Evan Scruggs







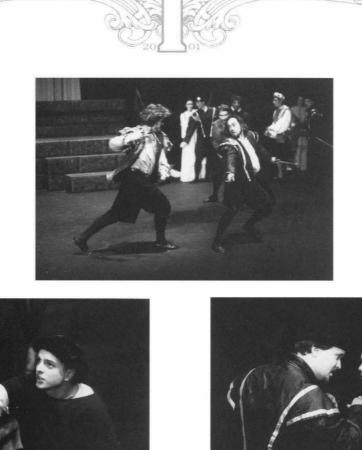
Directed by Shirley Marneus
February 16 - March 4, 2001
Fridays & Saturdays, 7:30 p.m.
Sundays, 2 p.m.
Ramo Auditorium Caltech

also Street Singer

For photos of other productions, see pages 236 - 238

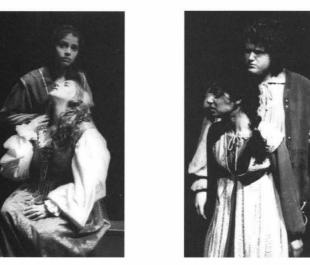
Page

Duke's Son













# Caltech Chamber Music

Director: Delores Bing



John Williams, Jean Wang, Joseph Olivier, John Choi



Brian Baristow, Brian Aydemir, Helen Chuang



Possu Huang, Tony Chao, Lance Christensen



Andrew Hseih, Elizabeth Stameshkin, Iljie Kim



Kirsten Welge, Giao Hang, Amanda Mundt



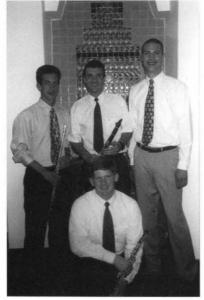
Yussanne Ma, Andrej Zlatos, Daniel Wagenaar, Isaac Rutenberg



Jonathan Simon, George Shapovalov, Emily Wang



Serena Chung, Karl Hammond, Yingbing Wang, Megan Guichard



Adam Lawton, Soojin Son, Lilach Somberg Christian Thomas



Craig Countryman, Ah San Wong, Sina Yeganeh



Bill Bing, Scott Carnahan, Smith Nielsen, Betty Hong Aaron Eichelberger



Delores Bing, Isaac See, David Fang, Maria Newman, Dan Giammar, Nick Knouf



Molly Swanson, Katherine Ip, Jane Greenham



Kristin Commer, Jason Cardema, Sarah Wantoch, Anne Kelly, Elizabeth MacWiliams-Brooks, Hermes Huang



Laura Sinclair, Michelle Swann



Benjamin Backes, Derek Debe, Nicholas Guise



Pieter Kik, Soojin Son, Lilach Somberg, Robert Dirks



Athanasios Nenes, Melissa Todd, Alex Dunn



Christian Reichardt, Sang Ah Lee, Andrew Waltman, Koun Han



Nhien Nguyen, Allen Gross, Victor Tsai



Zane Crawford, Jian Yuan Thum, Rumi Chunara



Thea Lu, Sean Szeja, Andrew Yang



Sean Hardesty, Lauren Webb, Tehshik Yoon, Julie Park



Helen Claudio, Eun Jung Choi



Hannah Kim, Dana Sadava



Jolene Lau, Jialan Wang



# CALTECH GLEE CLUBS



Both the Men's and Women's Glee Clubs meet regularly, preparing music of all styles from choralorchestral masterworks to contemporary and jazz. The Glee clubs perform for campus and community audiences, and can even be heard working together.



# Caltech - Occidental CONCERT BAND

The Caltech-Occidental Concert Band presented concerts in Beckman Auditorium and at Thorne Hall at Occidental College. The big finale this year included a laser light show to accompany the music of Handel's "The Royal Fireworks", conducted by graduating senior Jason Chua. Another highlight included a performance of "Gaian Visions", a work by Frank Ticheli. Frank lives in Pasadena and came by one evening to rehearse his piece with the band. There were solos by band members David Edwards on trombone, Kimberly Lan Gruenke on piccolo, and Kjerstin Easton on a vocal solo by Sousa, "I've Made My Plans for the Summer".

Paul Asimow, Faculty\* Susan Cross Stanley, Co. Art Hammon, Staff Heather Jennings, Co. Sharon Touton, Sr.

Piccolo Kimberly Lan Gruenke, Fr.

#### Oboe

Arysia Rodriguez, Co. Isaac Rutenberg, GS

### Clarinet

Ben Backes, Jr. Patrick Codd, Fr. Craig Countryman, So.\* Marilyn Darcey, Co. Nicholas Guise, So. Sarah Hendrickson, Fr. Kevin Marasinghe, So. Jesse Pino, So. Stan Sander, Alum. Sean Wakayama, Alum. Michael Werner, JPL

E Flat Clarinet Connie Josi, Co.

Alto Clarinet Trudi Anderson, Co.



**Bass Clarinet** Stan Manatt, Alum.

Contrabass Clarinet Don Gross, Co.

Bassoon Robert Dirks, GS

Alto Saxophone Leslie Deutsch, Alum., JPL Ray Richards, Alum.

Tenor Saxophone Sarah Lundeen, Oxy Alum., JPL

**Baritone Saxophone** Ken Calkins, Co.

## Horn

Gabriel Brandt, GS\* Otfried Liepack, JPL Elizabeth Hong, Jr. Chad Kishimoto, So. Sandy Horton-Smith, Alum.

Maria Brumm, So.

Scott Carnahan, Sr.

Heather Manley, So.

Paul Choi, So.

Isaac Miller, So.

Seth Miller, Sr.

Yifan Yu, So.

\* principal player Co. - Community





David Edwards, Oxy So.\* Kaisey Mandel, So. Angela Snow, So. Bobby Swinney, So. Catherine Wehrey, Fr., Oxy

**Baritone** Jay Breidenthal, JPL\*

Tuba Brad Dooley, GS\* Aaron Eichelberger, GS Jeff Rice, Co.

Percussion Scott Babcock, CT Music Staff Jason Chua, Sr. Giao Hang, Jr. Joseph Jewell, Fr. Ashwin Vasavada, Alum. Jeff Weiss, JPL

Manager Zack Medin

Assistant Manager Chad Kishimoto



seventy-eight

# Caltech Jazz Bands

Caltech Swing Band

Alto Saxophone Steve Berardi

Ben Granett

Tenor Saxophone Ben Edelson Aaron Stern

Drums

**Baritone Saxophone** David Barsic

**Trumpets** William Bing Jay Carlton Paul Choi Zach Medin

Trombones **Jeremy Pitts** Kjerstin Easton Harris Nover

Piano Clancy Rowle

Bass Jay Bartroff

James Hansen

Guitar Brian Eng

Vocalist Lorena Barba



Thursday Jazz Band

Alto Saxophone Les Deutsch Robin Friedman

Tenor Saxophone Lou Madsen Jason Holt

**Baritone Saxophone** Gabriel Acebvedo-Bolton

> **Trumpets** John Brugman Andy Duncan Stephan Ichiriu Dusty McKinney

**Trombones** Smith Nielsen **Iason Chua** George Becker Bass Trombone/ Tuba/ Euphonium Aaron

Piano Rob Peters

Eichelberger

Basas Matt Ashman

Drums and Percussion Nathan Paymer Gene Short

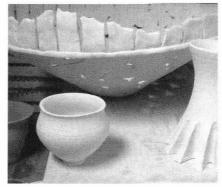
Vocalist Kjerstin Easton

The Caltech Jazz Bands continued to perform for large and enthusiastic crowds at their performances in Beckman Auditorium. Guest artists included Leslie Drayton, Joel Leech, and John Coltrane (OK, Coltrane didn't really show up in person.) In addition to the performances in Beckman, the jazz bands played a noon concert and in April, played at the first "annual" Caltech Jazz Festival in Dabney Gardens.



## FINE ARTS

Even art classes are offered at Caltech, and are well attended. Jim Barry, Lecturer in Art, teaches a Silkscreen and Airbrush class, as well as a Drawing and Painting class.



Polytechnic High School hosts Caltech's ceramics class.

## GUITAR

Individual and class instruction in Guitar is offered at Caltech by Daryl Denning, who is the Director of Performing and Creative Arts and the Lecturer in Guitar for Caltech. The beginning classes require no previous experience, and students have a great opportunity to work with this internationally known artist.



seventy-nine

## Caltech - Occidental Symphony Orchestra

### Violin I

Isaac See, concertmaster (Caltech, '03) Andrew Yang (Caltech, '04) Nick Knouf (Caltech, '02) Brian Aydemir(Caltech, '04) Melissa Todd (Caltech, '02) Megan Guichard (Caltech, '04) Karsten Kötting (Caltech, GS) Victor Tsai (Caltech, '04)

### Violin II

Travis Maron (Caltech, '97) Hermes Huang (Caltech, '04) James Tong (Caltech, '03) Andrew Hsieh (Caltech, '04) Brian Hernandez (Oxy, '04) Nitzan Roth (Caltech, '03) Rachel Medwood (Caltech, '04)

#### Viola

Sean Hardesty (Caltech, '04) Robert Li (Caltech, '04) Sina Yeganeh (Caltech, '04)

## Cello

Daniel Giammar (Caltech, GS) Thea Lu (Caltech, '02)

## Flutes and Piccolo Kristen Welge (Caltech, '04)



## Clarinets and Bass Clarinet Alex Dunn (Caltech, GS)

## **Bassoons**Robert Dirks (Caltech, GS)

## Horns

James Hageman (Caltech, '04) Gabriel Brandt (Caltech, GS)

#### Trombones

Bobby Swinney (Caltech, '02) Smith Nielsen (Caltech, GS)

## Tympani

Joseph Jewell (Caltech, '04)

### Piano

Athanasios Nenes (Caltech, GS)



Director, Allen Gross



Highlights of this year:
Freshman Sean Hardesty
performed the Walton Viola
Concerto Dvorak's Eigth
Symphony in May with the
Caltech Glee Clubs, featuring
Orff's Carmina Burana and the
Borodin Second Symphony.

# **PUBLICATIONS**

## THE BIG T

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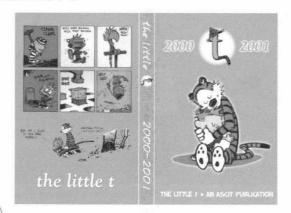
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## THE LITTLE t





Editor



THE LITTLE T PRODUCTION STAFF

Dave Guskin, Nate Austin,

Business Manager



## The California Tech

Caltech's weekly newspaper

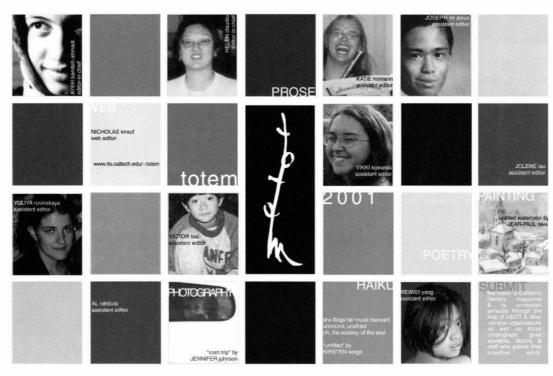
Editors in Chief Ne

Neda Afsarmanesh and

Janet Qi Zhou, pictured

Business Manager Tasha Vanesian





# CALTECH UNDERGRADUATE RESEARCH JOURNAL (CURJ)



Grau Rutledge Christy Dama Srinivasan Bandeh-Ahmadi Russo Liebling Nayak

The new Caltech Undergraduate Research Journal, a free international journal project of students at the Art Center College of Design and Caltech, released its premiere issue in April 2001. Distributed online and in full-color print at Caltech, MIT, and UCLA, the journal received accolades from the Los Angeles Times for making undergraduate science widely accessible. The CURJ staff anticipates similar success for the upcoming Fall 2001 issue.

Founder/Editor-in-Chief Content Editor Art Director/Designer Online Publication Editors

Print Publication Editor Associate Content Editors

Associate Print Editor Associate Online Editor

Staff Collaborators

Lakshminarayan "Ram" Srinivasan Michael Russo Aniko Hullner Grau Robert Christy, Jonathan Dama, Dylan Simon, Daaniel Liebling Ayeh Bandeh-Ahmadi Benjamin Lee, Suhas Nayak, Tim Raub, Robb Rutledge Jason Wong Philip Fung, Brian Hefelfinger, Jonathan

Muliang Carolyn Merkel, Steve Madden, Ryan Tischler, Gillian Pierce

eighty-two



# Calted



What does the Caltech Y do? Decompression, noon concerts, community service opportunities, outdoor activities, discounted ticket sales, camping and audio equipment rental, cultural events, and more! In short, we're always making a world of difference somewhere. Now located in the new Center for Student Services Building, the Y strives to help students understand their place in the community and address unmet student needs.

Starting the year off with the annual Y Hike, we sent forty students into the beautiful Kings Canyon National Park to enjoy a week of backpacking before the fall term. More day hikes and backpacking trips scattered throughout the year provided a welcome break from classes. In addition to the Y's tutoring program and other regular community service events, we introduced Make a Difference Day, an opportunity for all students to participate in a one day service project of their choice. Other highlights included the Social Activism Speaker Series, the annual Easter Egg Hunt, and the Alternataive Spring Break in Tecolote, Mexico. Each term ended with the popular Decompression, two nights of free food and entertainment before finals.

The Y's programs are driven by the ExComm, a dedicated group of undergraduate and graduate students, along wtih a wonderful staff and a Board of Directors. The Y is always looking for more students to get involved, and more ways to make Caltech a richer place for everyone.





"Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it's the only thing that ever has."



THE Y EXCOMM



Jenn Caron, President Nathan Wozny, Vice President Ellis Meng Curtis Pehl, Secretary Gerald Palmrose, Treasurer Jeffrey Edlund, Historian Kaisa Taipale, Historian Helen Claudio Susan Ayer Bryan Eastin Joe Carroll Christian Thomas

Kenneth Kuo Evan Dorn Gustavo Joseph Andrew Hafer Nathan Flowers-Jacobs Elisa Chiang Celeste Y ang Yuki Takahashi Abel Bourbois Katie Homann Daniel Wu

eighty-three

## STUDENT CLUBS

## **Academic Clubs:**

**AIChE** 

Caltech Law Association

Caltech Premedical Club

Caltech Quiz Bowl

Caltech Undergraduate Society for

Neuroscience

Mars Society

SEDS (Students for the Exploration and

Development of Space)

## Ethnic/International Clubs:

Asian Pacific Student Union

Bulgarian Club at Caltech

Caltech Canadian Club

CLASES (Caltech Latino Association of

Students in Engineering & Science)

Caltech Swedish Club

CCSA (Caltech Chinese Student Association)

Club Latino

**FICCIT** 

Francophile Club

Hawaiian Club

Italian Club

Korean Student Association

**OASIS** 

#### Women's Clubs:

SWE (Society of Women Engineers)

### **Athletic Clubs:**

Caltech Cycling Club

Caltech Falun Club

Caltech Rugby Club

Caltech Shorinji Kempo Club

Caltech Shotokan Karate Club

Faceplant

Football Club

Foursquare Club

Surf and Windsurf Club

Ultimate Club

Water Polo Club

Cricket Club

## **Religious Clubs:**

Caltech Christian Fellowship

Caltech Muslim Students Association

Caltech Newman Club

Caltech Satanic Fellowship

Hillel

### Music/Arts:

Caltech Ballroom Dance Club

Caltech Folk Music Society

Caltech Pep Band

Ecphonema

### Other Clubs:

4 Elements

AACIT (Aero Association of Caltech)

Amnesty International

Athenaeum Student Waiters Association

Brothers of Metal

**Building Bridges** 

Caltech Anime Society

Caltech Dance Troupe

CEVC (Caltech Electrical Vehicle Club)

Caltech Students Pride Association

Caltech Medieval and Rennaisance Society

Caltech Orienteering Club

Caltech Progressive Coalition

CITLUG (Caltech Linux Users' Group)

Cheerleading Squad

Caltech Students Pride Association, a Queer--

Diplomacy Club

Straight Alliance

Entrepreneurial Club

**Environmental Task Force** 

Foothill Bike Initiative

Pasadena/Caltech Greens (Green Party)

SPECTRE

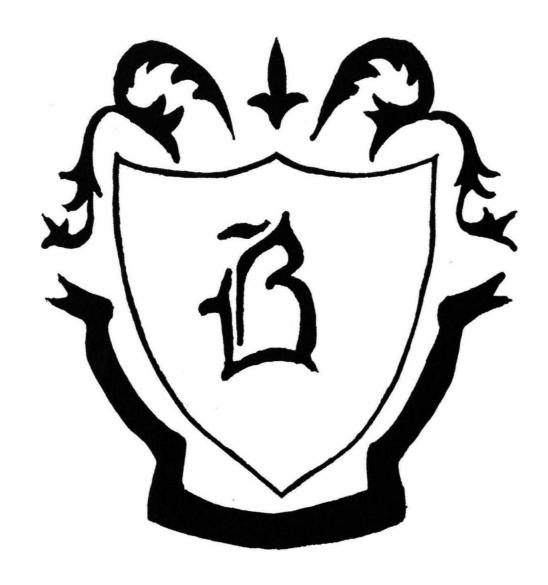
Student Investment Fund

VOX (Pro-Choice)

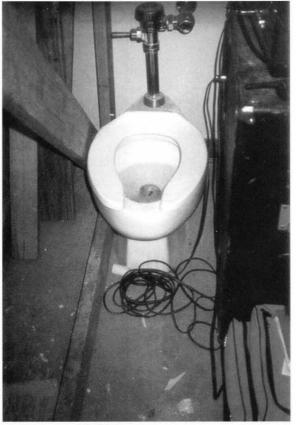


Douses





Blacker



Hellride





Whack-a-mole



Mike contemplates his future

# Blacker House

Fred and his toys







The frosh pond their beloved president



Laika's bodyguards



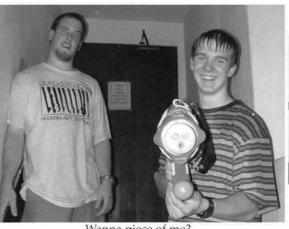
So you want to be a member of Blacker??



Katharina quivers in Tim's shadow



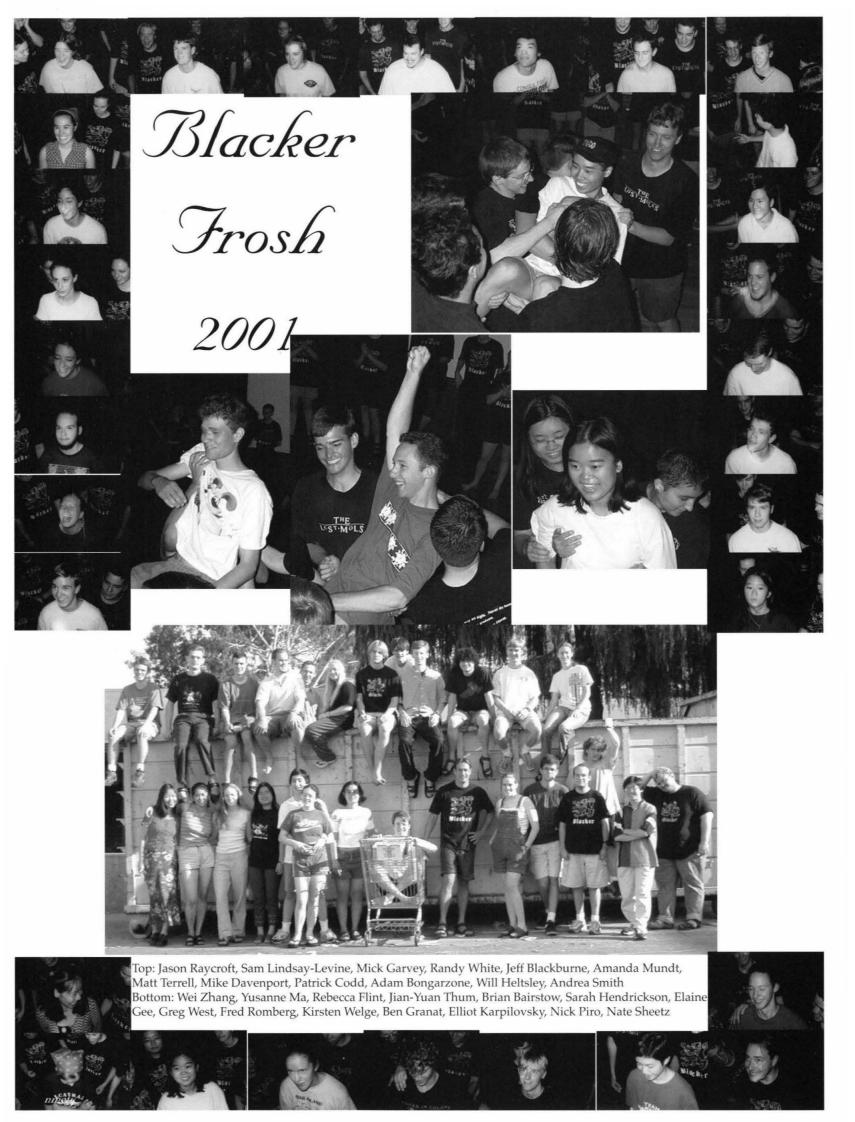
Moles take on Las Vegas



Wanna piece of me?



The new Prez is ushered into office





Randy's CRAZY!



Mick the jolly elf



Super Sarah sleeps

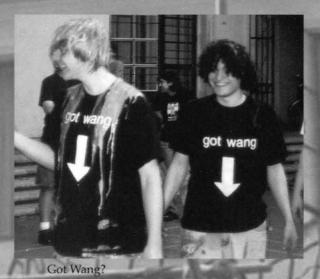


Yusanne, Rebecca, and Jian-Yuan funnelate oranges at.... a target on the Ath Lawn??





Aftermath of Frosh Hellride announcements



Frosh Project: Rube Goldburg machine



Sheetz serves in style!

ninetu-one





Dan (left) and Colin (above) prepare food for the Iron Chef Alley Challenge

## Sophomores





Clayton (left) assasinates his pumpkin

Minta romps with the new frosh



Rob (left) shows Clayton how to assasinate a pumpkin





Krista (above) and Vikki (below) open gifts at the Secret Santa party



Happy Jeff!



Top: Jane Greenham, Minta Akin, Jesse Pino, Glenn Jones, Michelle Swann, Sarah Teegarden, Jared Updike, Krista Ehinger, Curtis Smith

Middle: Julia Greissl, Jeff Edlund, Kaisa Taipale, Christina Telles, Laura Elliott, Jimmy Worcester, Dan Fabrycky, Sean Szeja, Jeff Blackburne, Sarah Warren, Merc Chasman Bottom: Jon Foster, Vikki Kowalski, Maki Hattori, Andrea McColl, Jon Toomey, Clayton Featherstone, Rob Lion, Colin Rundel, Nora Mullaney





Jesse's happy too.



Nora at Pismo Beach



Jimmy in Pismo Beach



Above: Todd's happy to be passing on the jacket! Below: Joe at the Golden Gate



Tory loves Krispy Kreme

Dave in the

secretary

chair



Above: Ayeh during a pillow fight Right: Adam Y. navigates the courtyard on his new bike



on the left: Garrett Blankenburg, Dave Guskin, Tory Sturgeon

on the right: Joe Fassler, Mary Beard, Steve Thrasher, Adam Yates, Ayeh Bandeh-Ahmedi, Ralph Lin

back: Mike Cheng, Nate Austin, Jeremy Tollefson, Tim Crosby, Tom Borchert

front: Chris Elion, Aaron Simons, Vikram Dendi, Lavi Reddy, Molly Swanson, Katharina Kohler



Cardinal Buck Naked

Chadwatches in the

"Game Room"

Juniors

Jane hams it up on the swing



Tom sits on the "kneepads" for broom-ball



ninety-three



Sam, Amy, Robin, and Seth at the mantle



Kristin at Fred's apartment



Cheryl at Dress Dinner

# Seniors

very top: Celeste Yang back: Stona Jackson, Brian Platt, Robin Friedman, Mark Barrett, Harry Liu, Peter Freese middle: Christian Thomas, Andrew Hafer, Madeleine Price Front: Cheryl Forest, Afie Abidi, Wedge Cheung, Sophie, Nathan Flowers-Jacobs, Kristin Commer

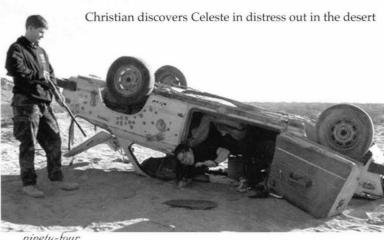






above: Wedge likes flowers below: Mark likes licking things









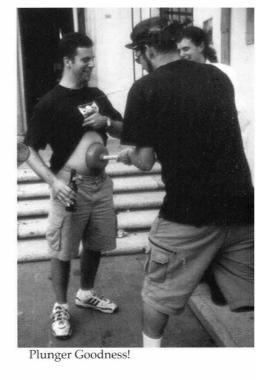




David Baltimore and the Vodka of the Gods stack



Wei as the Colonel





Stona proves that seniors do get caught from time to time



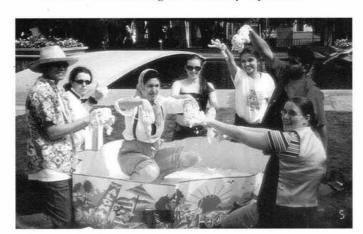
sexy 008 and his gun



Rob and Fred on Millikan

# Ditch Day 2001

007 stack wades through a "chemistry experiment"



Ender's Game the Stack enjoys lunch at Tom Mannion's









View towards the Athenaeum breezeway

# Interhouse 2001: Egypt



The frosh perform the Interhouse play

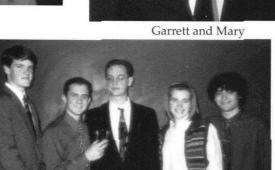
View towards the South





Rebecca





Mike D., Mick, Sam, Kirsten, and Adam



Merc and Sarah T.



Andy and Nick



Sean looking distinguished



Pat, Elayne, Brian, and Sarah H.



Matt, Elliott, and Jeff

Afie

Hot Hawaiian Hunks: Dave, Tim, and Tom



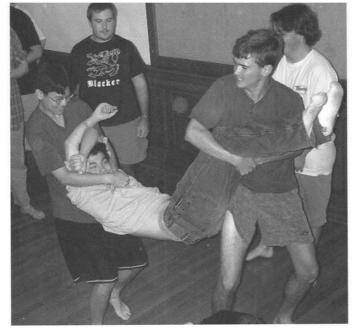
Wei, Elayne, and Jian-Yuan



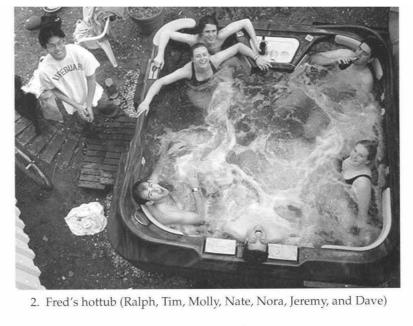


Maki, Justin, Randy, Christian, and Serena

# Moles cleaned up for Dress Dinner



1. Lounge Run (Ralph and Garrett haul Adam B. to the Pope)





4. Go kayaking at Pismo Beach (Will)



3. Be a Veep and get ponded at Alley Ordering (Tory and Nick)



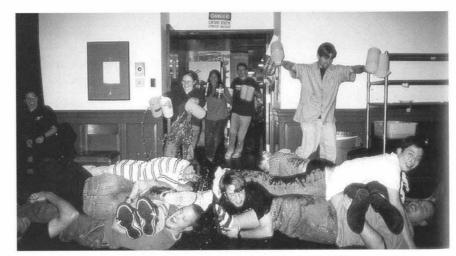
1. Lounge Run (Mark restrains Matt)



5. Get dumped by the waiters (Michelle douses Randy)



6. Bike in Millikan (Fred)

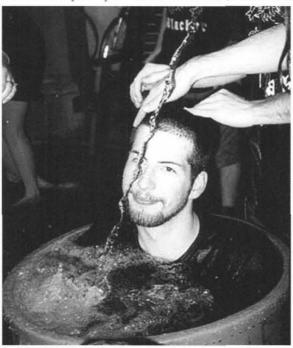


7. Six man lift (waiters Kaisa, Wedge, Jay, and Robin. Oh, and the foolish frosh)

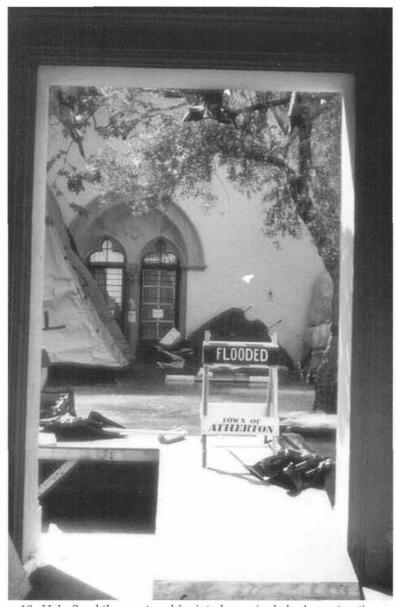
# How does one get wet in Blacker? Bet me count the ways....



8. Broomball... if you lay on the ice for awhile (Adam B., Todd, Teo)



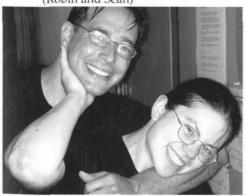
9. Sit under the warm water hose at the end of rotation (Adam Y.)



10. Help flood the courtyard for interhouse (or help deconstruct)



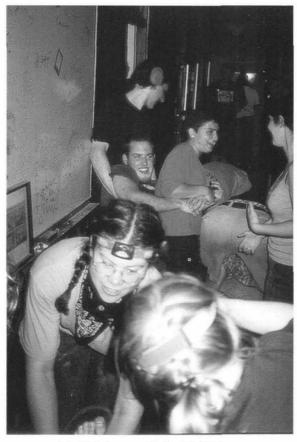
11. Get licked by a happy mole (Robin and Sean)



12. Showering war (Fred and Celeste)

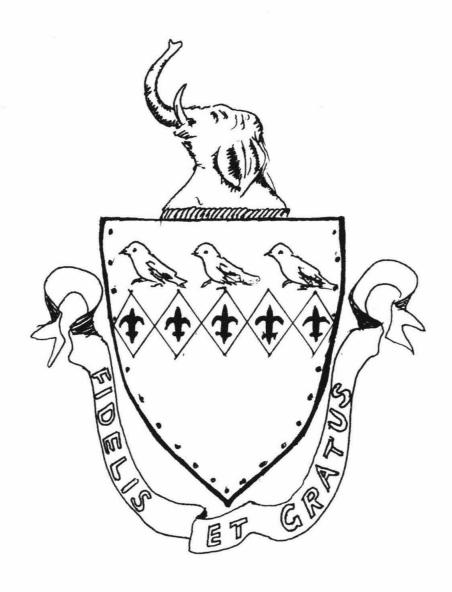


13. Hose yourself off after getting dumped for Hellride announcements (Mike D.)



14. Get showered after Hellride (Todd, Randy, Teo, Celeste...)





Dabney



one hundred two



one hundred three



## Frosh

Back Row: Richard Spjut, Jordan Boyd-Graber Melinda Owens, David Forhan, James Hegeman, Gautham Nair, Larry Stewart, David Safford Briand Aydemir, Marc Benayoun, Sitting: Jonathan Lee, Andrew Hsieh, Ben Matthews, Noel McGuinness, Spencer Rarrick, Nicole Morgan, Joe Olivier, Jessie Kneelan. Below: Sina Yeganeh



## Sophs

Top to bottom:
Emily Johnsen, Sara
Cina, Lilli Davis,
Alastair Kusack,
Dan Somen Janessa
Link, Tim Jones,
Andy Conner, Zack
Chadick, Marcus
Williams, China
Hanson. Below: Liz
Stameshkin, Beth
Sciaroni

Also Pictured:Right: Seniors Kathryn Todd, Travis Waddington, Florian Bohn. Below: Junior Dana Vukajlovich.

Not Pictured: Elisabeth Adams, Michelle Allis, Brandon Ballara, Augusto Callejas, Jason Frantz, Juan Garcia, Koun Han, John Harel, Iljie Kim, Sam Makonnen, Sapna Mehta, Michael Owens, Jess Reynolds, Kayla Smith, Bridget West













one hundred four

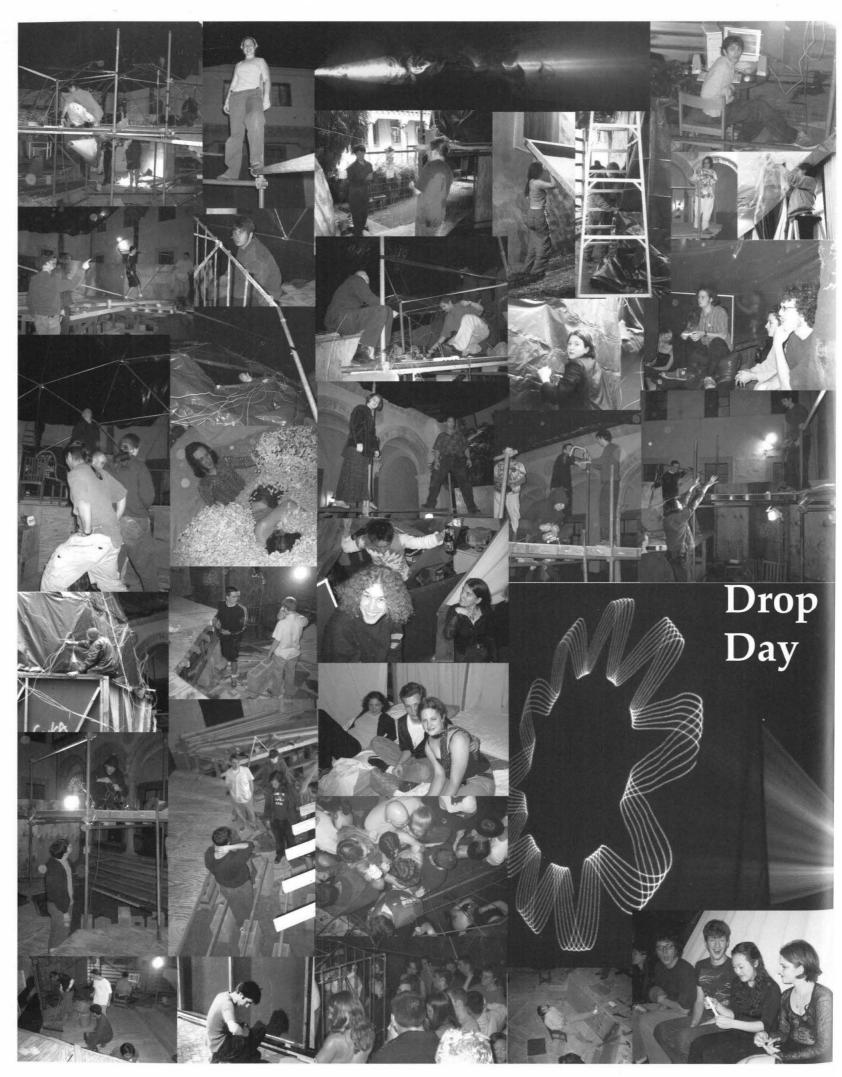
## Seniors

Back Row: Andrew Kohl, Kevin Shand, Joy Justice, Jordan Miller, Ryan Simkovsky, Kristian de la Cruz, Noel McGuinness, Dev Kumar, Francis MacDonald, Eric Fischer. Swing: Vanessa Sih, Jay Hubisz, Brian Watkins, Lisa Cowan



## Juniors

Back:Morgan Venable, Jordan Miller, Kevin Shand, Tyler Johnson, Brian Eng. Middle: Ellen Wang, Peter Meilstrup, Philip Nowell, Jia Mao, Fernando Campos, Mauricio Cordero, Emily Wang, Weiwei Yang. Couch: Sam Thompson, Josh Adams, Alex Lippert, Robin Mayes. Front: Brian Tiedemann, Phil Fung, Noel McGuinness, Rebecca Stob







one hundred eight









one hundred twelve







Fleming



one hundred sixteen

# FLEMING HOUSE

Fleming started the year with a bang, as the Big Red Cannon welcomed the first freshman class with females outnumbering males, 18-14. It was no surprise, then, that everyone was on their best behavior at the first Formal Meal of the year, until Jon Bird erupted into an angry tirade against the freshmen. The frosh constructed a new lounge in Millikan Pond in record time, and then ponded their Task Master in record time also to mark the entrance of a new class of united, loyal Flems.

The lower Alley 3-4 wall was demolished this year, shifting the balance of intrahouse social meccas. Fecathlon was a disturbing success yet again, with Alley 6 taking top honors. The Big Red Flag changed hands several times in the ensuing alley challenges, which also included the first ever rock/paper/scissors--UCC stripping contest. In the annual Halloween video competition, Alley 3 made the freakiest short film, with their rendition of the "Twilight Zone", since Cory bared his "Titanic" a\$\$.

The 2000-2001 school year witnessed Fleming's continuing tradition of excellence in athletics, with dominating performances throughout the Interhouse sports. Fleming narrowly missed winning the Disco trophy for a fourth consecutive year, but the future looks even brighter with a frosh football team that demolished Page's team in the annual matchup. For the first time, current Flems and alumni met in an epic football game on the grounds of the Rose Bowl, followed by an elegant candlelight supper in the dining hall.

At the conclusion of the school year, Fleming bid a fond farewell to the graduating class of 2001. This year was also the last for RA's Crist & Tina. For those whose 4 years have produced a degree, here's where the story ends. Now Fleming awaits a new crop of freshmen to embrace its awesome existence.

-Let the Deed Shaw





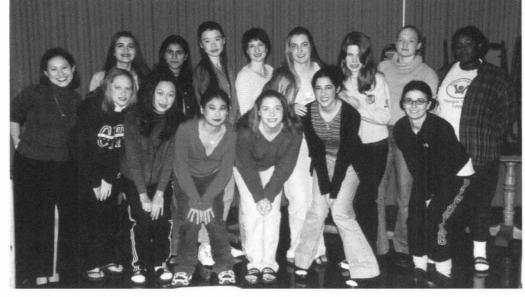








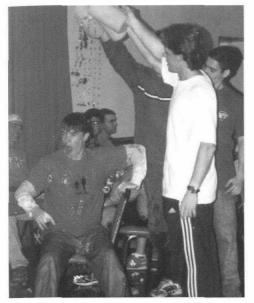




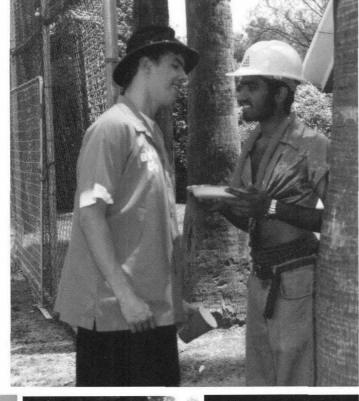




one hundred eighteen







# FLEM-LIFE















one hundred nineteen

Alley 1: Jorge Avelar



Alley 2: Rachel Thessin



Alley 3: Andrew Gadtke



Alley 4: Jen Schurr



Alley 5: Carlos Baldoceda



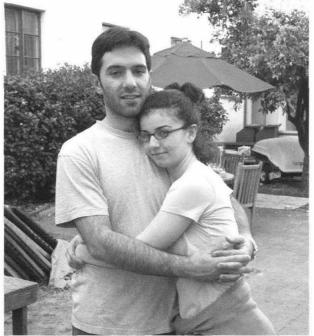
Alley 6: Kathy Scott



Amy Vu OC:

one hundred twenty

# LEADERSHIP The RA's Top Four



RESIDENT ASSOCIATES:

CRIST KHACHIKIAN TINA SALMASSI

### Soc Team



SOC 1:

**JON BIRD** 

SOC 2:

CARLOS BALDOCEDA SOC FROSH: KAMILEE CHRISTENSON

> RACHEL DECO ERIC PETERS JANET ZHOU

### Librarian



LIBRARIAN: NEDA AFSARMANESH



PRESIDENT: VICE PRESIDENT: SECRETARY: TREASURER:

SEAN MCHUGH TOM SNYDER **ELISA BUENO** JASON TRAN

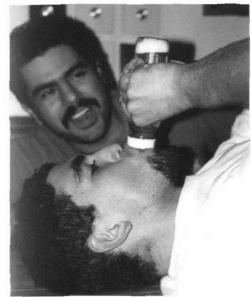
### Ath team



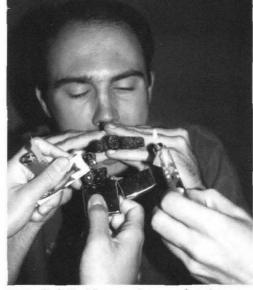
ATH 1: ATH 2: ATH FROSH:

KEVIN TSE MARC POPKIN-PAINE **COURTNEY FOLGEMAN** DAGNY LOOPER TONY NANNINI TOM VANDERSLICE

# **FECATHLON**



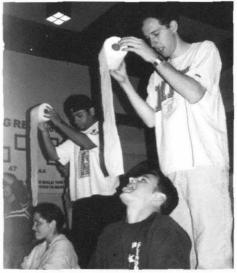
Isaac, biggest baby of all, competes in beer sucking.



Gotta light? Alec smokes up the cigars.



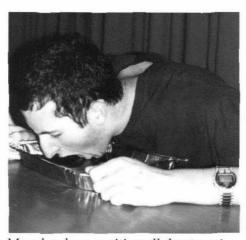
Vikram munches on dry, stale crackers.



Dan's a potty mouth so Steve feeds him toilet paper in this challenge.



Jen grimaces at the raw eggs she must drink.



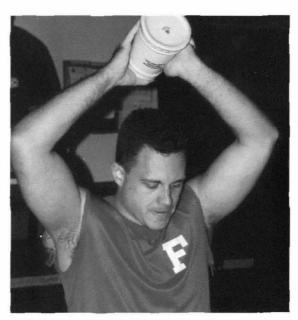
Marc has been waiting all day to get a piece of jello action.



Joe blows, and pretty well I might add..



Elisa gets more jello on her nose than in her mouth.



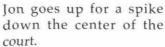
All done! BJ's drinking prowess astounds us all.



Cardema pitches for the softball team.



"Slicing" through the air and over the bar.





Dan hits one high and long.

Fleming Hovse successfully defended the Interhouse Trophy in resounding fashion by taking first place in 6 out of the 9 interhouse sports. In fact, by the middle of the year, Fleming had built up a nearly insurmountable lead. The Big Red Machine would like to thank all its participants for an awesome Interhouse year. This marks the third consectutive year that Fleming has won the interhouse trophy.

Fleming fell just short of winning the Discobolus Trophy for the fourth year in a row, by a single game. The Big Red Machine tied with page in the end but lost the third tie-breaker and Mojo's endurance keeps when it comes to diving. relinquished the trophy for the first time him prime for track events. in three years. Starting off slowly, Fleming made a valiant final run, going undefeated in the third term before running out of weeks in the year.



Auna is like a fish in water



Craig and Nannini attempt to block the volleyball. one hundred twenty-two

### GO BIG RED!!!



Dodger is ready to play some softball.



Craig gives Laurie some words of encouragement before the race.



Jon shows some skillful ball handling.



"Try not to hurt the Alumni because they're old," says Dan to the current Flems.



ROSE BOWL REUNION

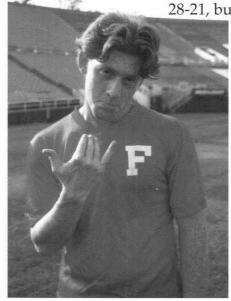


Eric outruns the Fleming Alumni team.

Seeking a worthy opponent in football, Fleming held its First Annual Alumni Football game in the Rose Bowl. Alumni of all ages came to play against the current Flems, in a friendly game that saw lots of scoring and two evenly matched teams. The Alumni jumped out to an early 14-0 lead until Jon Ladd arrived. The current Flems struck quickly pulling to within 14-7 on a sliding touchdown catch by sophomore transfer Tony Nannini. However, the alumni scored on their ensuing drive, and also returned an interception for a touchdown to put them ahead comfortably, 28-14. A last minute touchdown drive by the young Flems pulled them within 28-21, but the on-side kick was unsuccessful. Great job to all Flems!



Nita officiates at the game.



A casualty from the game, Jon hurts his "wittle pinky winky".



Dagny shows that Fleming women can play too.



On the line of scrimmage, Eric waits for the hike.

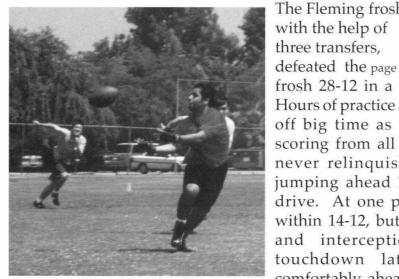


The ref calls "unnecessary roughness" as Jon gets tackled by an overzealous alum.

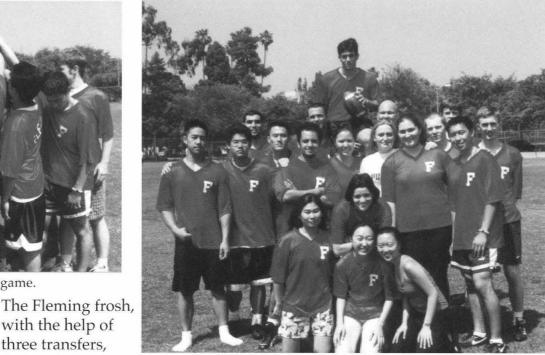
# FROSH FOOTBALL



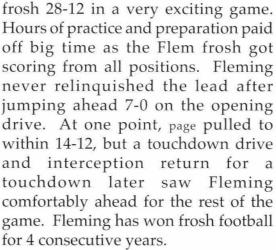
The frosh huddle up before the game.



Anael breaks from his position as center lineman to catch a solid pass.



The frosh are victorious, kicking page's ass with MVP Tony Nannini.





The thundering herd is real.



"Magnet fingers" Nannini runs the ball down the sidelines.



Slice comes out of the pocket and dodges a page boy who is no match for his speed and agility.



Peters gains some yards with the ball in his possession.

## **INITIATION**



Left: The menacing top four await the dinner announcements at the first formal meal.

Right: Fleming's most eligible bachelors.







**Left:** Fleming's beautiful women. **Right:** Kathy, Becca, Melissa, Megumi, and Martha-Helene decide to dress in burgundy.



Joe, Mary-Hall, Helena and the rest of the frosh carry Jon anywhere he wants.



Angel, Helena, and Kamilee sort out only the red M&M's.



Di and Nick help carry the big red couches.



Di, Kamilee, and Jeff take the carpet to the Millikan pond.



Taskmaster Jon Bird demands the frosh obey his every command.



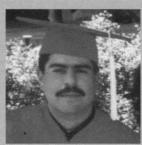
Becca, Sean, Eric, Jeff, Rumi, and Megumi takes Jon out to the gene pool to cool off.













one hundred twenty-six

### **FRESHMEN**



**Top row:** Rachel Deco, Anita Choi, Janet Zhou, Angel Kong, Megumi Abe, Rumi Chunara, Nick Chiang, Tommy Trieu. **2nd Row:** Cristina Thomas, Kendra Carattini, Helena Kauppila, Melissa Strausberg, Jeff Cox, Cristian Jitianu, Spencer Mortensen, Colin Dundas. **3rd row:** Neda Afsarmanesh, Mary-Hall Dale, Becca Kim, Kamilee Christenson. **4th row:** Niky Morgan, Eric Peters, Dagny Looper, Tom Vanderslice, Joe Lin, Courtney Folgeman, Sean Hardesty. **Not pictured:** Isaac Hilburn, Di Hu.

### **SOPHOMORES**



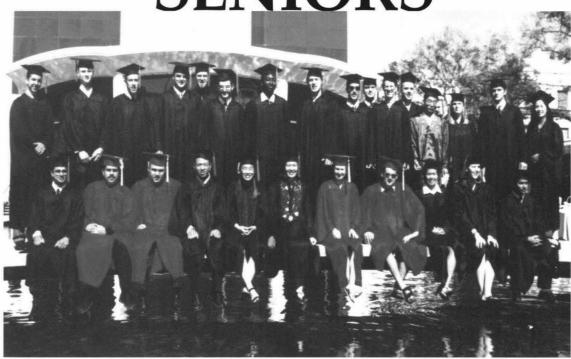
Top row: Andrew Homyk, Kevin Ko, Vikram Mittal, Michael Rizk, Anael Verdugo, Eddy Talvala, Marc Popkin-Paine. 2nd row: Rachel Thessin, Jon Bird, Carlos Baldoceda, Jen Schurr, Randie Kim, Ted Jou, Elaine Ou, Miguel Lemus, Collin Moshman, Tony Nannini, David Chou. 3rd row: Will Farr, James Hansen, Ilya Fushman, Andrew Gadtke, Arjun Narayanan, Kevin Tse. 4th row: Oscar Jay Carlton, Neha Soni, Nathan Fung, Martha-Helene Stapleton. Not pictured: Eric Anderson, Saskya Byerly, Merc Chasman, Wee-Kang Chua, Craig Countryman, Matt Hughes, Kathy Scott.

**JUNIORS** 



**Top row:** Sean McHugh, Tom Snyder, Brian Hardy, John Harris, Elisa Bueno, Emma Kang, Scott Payne, Todd Bowra. **Bottom row:** Jason Tran, Brad Reynolds, Amy Vu, Sunny Chan. **Not pictured:** Shahram Ardalan, Brad Blakestad, Anakewit Boonkasame, Joel Carranza, Lusine Danakian, Laurie Gagne, Caroline Gibbs, Tony Guerrera, Garrett Heffner, Justin Ho, Michael Hochberg, Dany Kazachki, Auna Moser, Chris Rutherglen, Derek Shannon, Bill Therien, Jim Vargo, Phil Venturelli, Jake West, Jessica Yohe.

**SENIORS** 



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









**HISTORIANS** 



Amy Vu



Justin Ho Special thanks to Kathy Scott for supplying pictures and Kevin Tse, for the articles.





Lloyd

Lloydies \* Vahalla \* Inferno \* Tropic \*
Purple \* KAOS \* Virgin Islands \*
Fingal's Cave \* Ex-comm \* Ex-comm
Slaves \* Seniors \* Juniors \* Sopho-

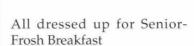
Florian and Pei at Carrow's

mores Freshmen \* UCCs \* Row down to Fingal Chich Priestess of Fingal USC USC \* Date Sid \* USC \*

Purple Head \* Upper Crotch \* Lower

Crotch \* King of Vah
\* Primitive Radio G
ers \* Formal Dinner
ner \* Floats \* New G
puter Room \* New S
\* Historians \* Pool
Pimp \* Coke Pushe
Pope \* Thursday Rar
\* Hot Tub \* Candy & Torce





\* Gong Frosh \* Grunge Frosh \* Scribes

\* Warlords \* Work (

\* Austin Powers Millikan X-mas T

Capture the Flag \*

Team \* Fingal \* Sco \* Abduct This! \* Pi

Murals \* Lloydies

\* Tropic \* Purple \* KAOS \* Virgin Islands \* Fingal's Cave \* Ex-comm \* Excomm Slaves \* Seniors \* Juniors \*

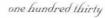
Sophomores \* Freshmen \* UC Bow down to Fingal! \* High I of Fingal \* VI Flag \* Lord of Date Stick \* Purple Head \* Crotch \* Lower Crotch \* Vahalla \* LloydRadio \* Primi dio Gods \* Head Waiters \* Ne



Above: Playing ball in the courtyard; Right: Luke and Daina



Left: Thinking hard about one of those diabolical clues that the seniors left on Ditch Day

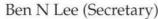


Executive Committee \* President \* Secretary \* Treasurer \* Superintendent \* Social Director \* Athletic Manager \* Representatives at Large \* Ex-Comm \*

Panyo \* Social D \* Ath Man \* Reps (\*) \* Slave Ben \* Super Tim \* Spanky o the People \* Ye Olde & New Bidne Bullet \* El Presidente \* Ducktales \* J

Dan Liebling (President)







Josh DenHartog (Treasurer)



Johnny Lam (Rep @ Large) Tim Wan (Superintendent)

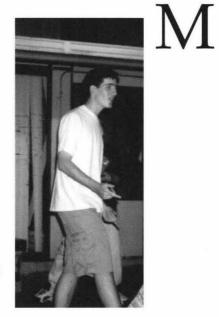


Jora Jacobi (Social Director) Chad Kessens (Ath Manager)





Ben Mathews (Rep @ Large)



Rey Ramirez (Rep @ Large)

Layout and pictures by Thea Lu (Lloyd House Historian) and thanks to everyone who donated photos.

### Eden \* Ed



Top Row, Left to Right: Travis Hime, Stephen Bird, Dave Gagne, Dave Antonio, Anthony Griffin, Vlad Fedorov, Jean Laura Wang, Brogoch, Eli Maneva, Sam Bench, Jit-Kee Chin, Melinda Turner, Jenny Ives, Matt Reese; Front Row, Left to Right: Joseph Schaeffer, Tim Elling, Eric Tuttle, Derrick Hasterok; Kicked out of Eden: Alden. Meredith Cheryl Forest, Jane Garrity, Vit Hradecky, Pei-Hua Hung, Mohi

Kumar, Ewa Matejska, Loban Rahman, Aspen Richter, Naru Sundar, Paula Whitten, Yvette Winn, Jessica Wuu, Jingyi Yu

Top Row: Michael Shulman, Viji Balaraman, Agedi Boto, Srinivasan, Ben G Lee, Thea Lu, Dan Liebling, Leah Fox, Nadia Haq, Sara Quan; Second Row: Florain Merkle, Curtis Pehl, Deborah Eason, Piyush Prakash, Daina Paulikas, Gilead Wurman, Nick Tanushev, Ryan Mack, Eric Morganson; In the Kiddie Pool: Anthony Sowinski, Rachel Dexter; Those Who Decided to Catch Waffles Instead: Douglas Baker, Herman Chow, Josh DenHartog, James Dennedy-Frank, Frederik Eaton, Serena Eley, Cesar Gonzalez, Yelizaveta Gorstko, Katharina Kohler, Christophe Maquestiaux...



...Wes McCullough, Julie Norville, Clayton Otey, Michael Russo, Den Thap the Fishing \* Gone Fish

Sangstas \* Gangstas \*

Luke Voss, Matt Jones, Ben Matthews, Linda Strubbe, Julian Pellico, Clinton Conley; First Row: James Burgess, Tim Wan, Elise Kleeman, Will Findley, Ben N Lee, Johnny Lam, Kelly Klima, Virgina Rollins, Ryan McDaniel, Katie Mack, Svanhild Simonson, Mayanka Prasad, Chad Kessens; The Hostage: Wendell Misch; Upstanding Citizens: Alexander Adriaanse, Susan Ayer, Luke Ekkizogloy, Jora Jacobi, Christina Lam, Rachel Lewis, Rey Ramirez, Isaac See, Sindy Tang, Virgi Vassilevska, Ben Voss





Top Row: Michael Yeh, Denny Chao, Tomas Fletcher, Euan, McLeod, Paul Hand, Kimmy Gruenke, Jolene Lau, Francisco Medina, Greta Jo, Hsi-Ping Shen, Weiyi Li, Parsa Dormiani Tabatabaei, Jason Blair, Thomas Juliano; Middle Row: Joseph Jewell, J. R. Heberle, Alejandro Munoz; In the Pit: John Yao, Jon Simon, John Rice, Vidy Vairavamurthy, Vicente Fernandez, Katie Homann; Not Pictured/Sleeping: Wendy Chou, Katie Dyl, Megan Greenfield, Kathryn Hsu, Li Jin, Elinor Lin, Jason Oh, Anna Sczaniecka

Freshmen

Beach \* Beach \* Beach \*



Left: Megan, Sara, Jora, Elise, and Rachel in the process of making a

Right: Curtis is a Valkyrie

Lloydies Lloydies Lloydies Lloydies Lloydies birthday cake Lloydies Lloydies

Lloydies Lloydies

Left: A bunch of Lloydies all Lloydies

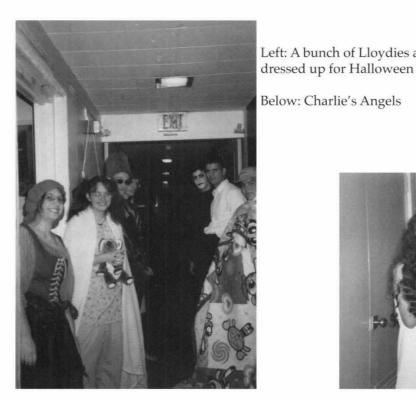
Lloydies Lloydies

Lloydies lovdies



Lloydies lovdies

Lloydies Lloydies \* Lloydies Lloydies Lloydies Lloydies Lloydies Lloydies Lloydies Lloydies



Llovdies Lloydies



Above: Mike and Jon all dressed for a girl's night out

Right: Ryan tangled in way too may lights

Far Right: An unfortunate passerby got caught up in another one of Curtis' antics



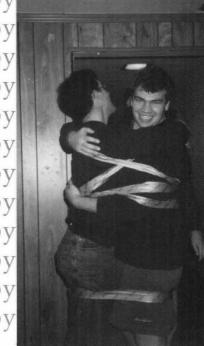
Lloydies

Lloydies



Lloy

Lloydies









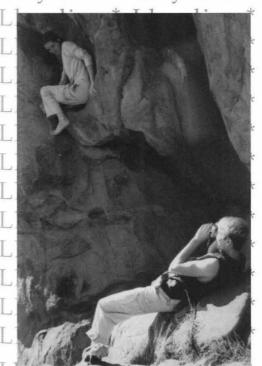
Lloydies \* Lloydies \* Lloydies







Lloydies \* Lloydies





Lloydies

Top Left: Smiling Nadia Top Center: Lloydies around the fire Top Right: Daina and Rachel

Center Far Left: Wendell trying to look scary

Center Left: Kelly contemplating nature Center Right: Some Lloydies just back from some necessary grocery shopping

Bottom Far Left: James taking a picture of Elise Bottom Left: Deborah and Leah in some

rocky terrain





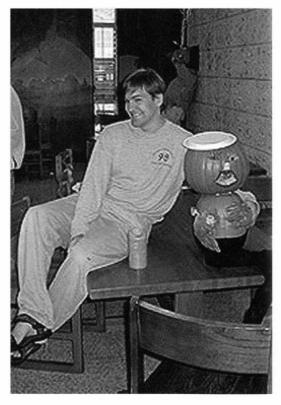
Far Left: Eric peering out of a car window

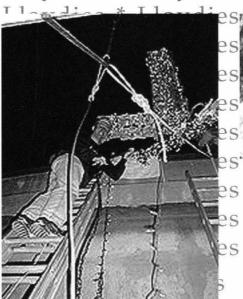
Left: A drunk pumpkin in the making

Below Left: More on the fine art of pumpkin carving...

Below: Mike and his sexy pumpkin









Left: Joe helping to put up the shiny L on top of the Christmas tree on Millikan

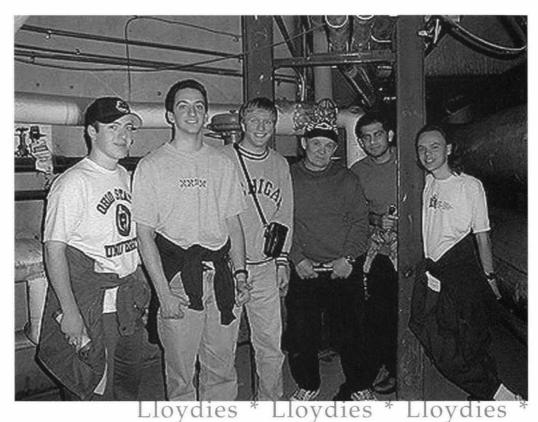
Right: Some industrious Lloydies are attempting to stuff Mohi in a duffle bag for scavenger hunt Right: Who's that old man with the guys in the steam tunnel?

Directly Below: Evil Wendy and fire

Directly Below Right: Clinton, Dan, and snowcones

Far Below: Hey guys, how about an encore?

Far Below Right: Anna showing off some talent at kareoke night

















loydies Lloydies \* Lloydies Lloydies

loydies

loydies

loydies



Lloydies \* Lloydies \* Lloydies



Top: Betting and cards...it's Casino Night! Top Right: Jora and Katie singing their hearts

Above: Jessica, Matt, and Luke at the Craps table

Above Right: Hmm...so what are the stakes? Right: Mohi's dealing out some cards to some optomistic players

### Next page--

Top left: A bit of friendly group singing Top Right: Duet with Luke and Chad Center Left: Some frosh have dinner with some off-campus Lloydies

Center Right: Looks like someone broke some dinner rules

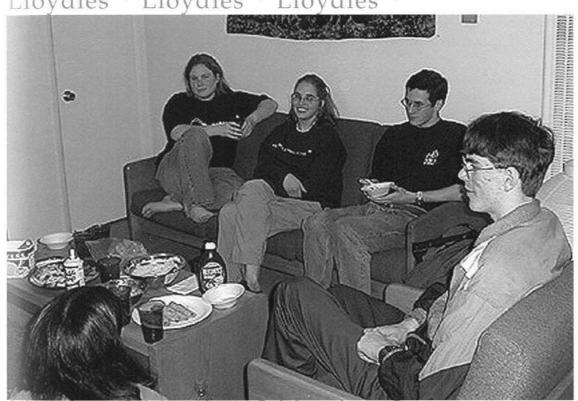
Bottom Left: Purple dessert night Bottom Right: A cosy dinner at the quads







Lloydies \* Lloydies \* Lloydies \*



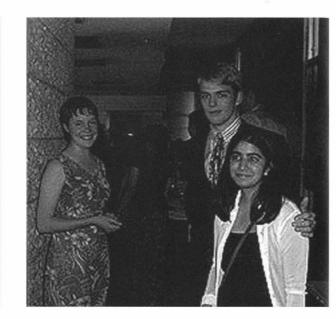


Lloydies \* Lloydies \* Lloydies





Lloydie



Lloydies \* Lloydies \* Lloydies \*



Lloydies \* Lloydies \* Lloydies



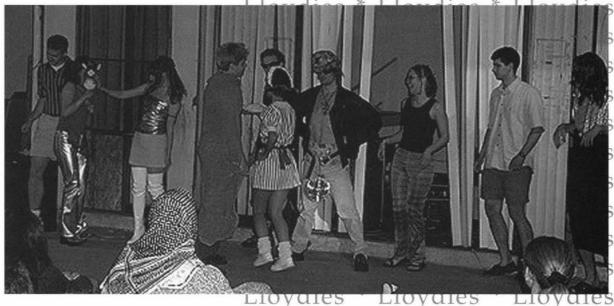






loydies \*





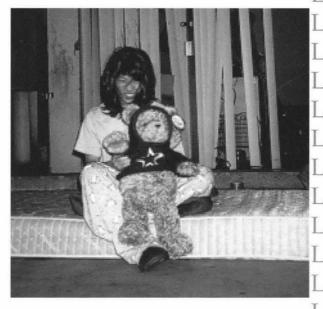
Left Page--

Top: Enjoying formal dinner; Alex, Eric, Virginia, Wes, and Mayanka

Middle: At Senior Banquet Jolene and Mohi make funny faces

Bottom Left: Just who is Santa anyway?

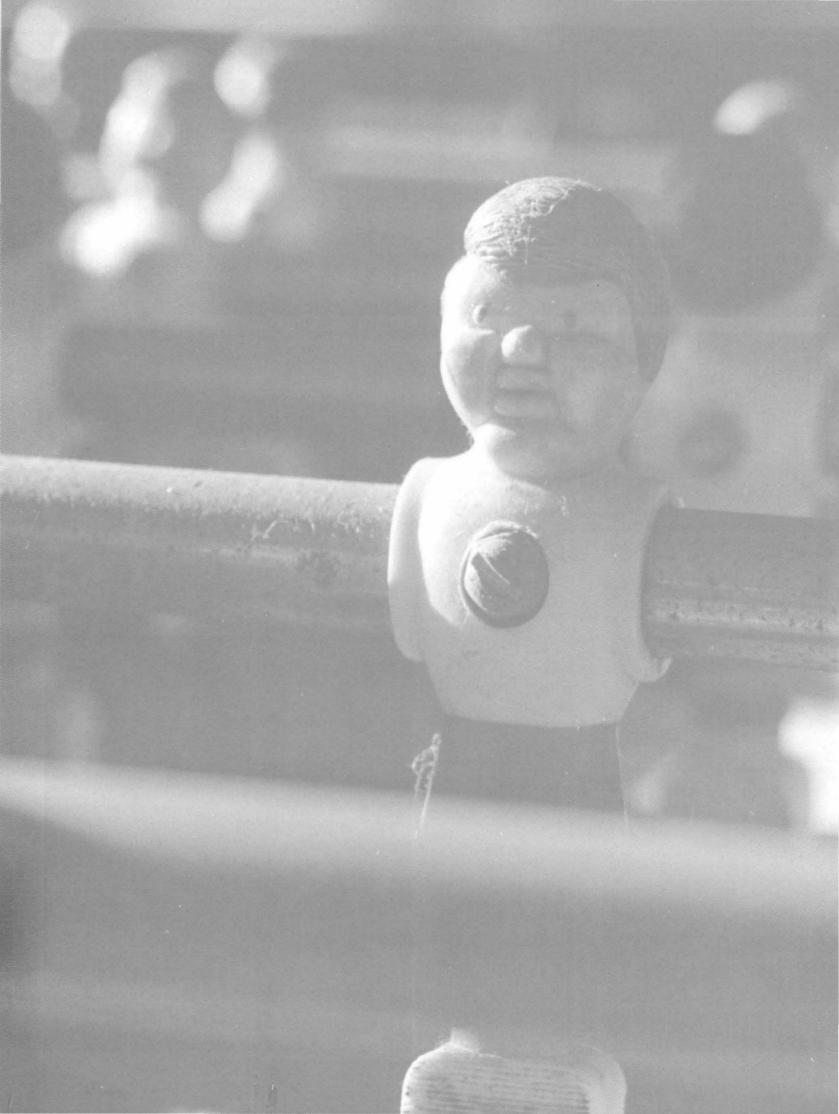
Bottom Right: Derrick and Matt at Senior Banquet



This Page--Airband!
Audience members get a kick out of Gilead and Parsa's wedding, Tom's impersonation of Eric, a bunch of crazy toons, Weiyi and his teddy bear, finding out which Backstreet Boy is gay, and a dance crazy hampster.

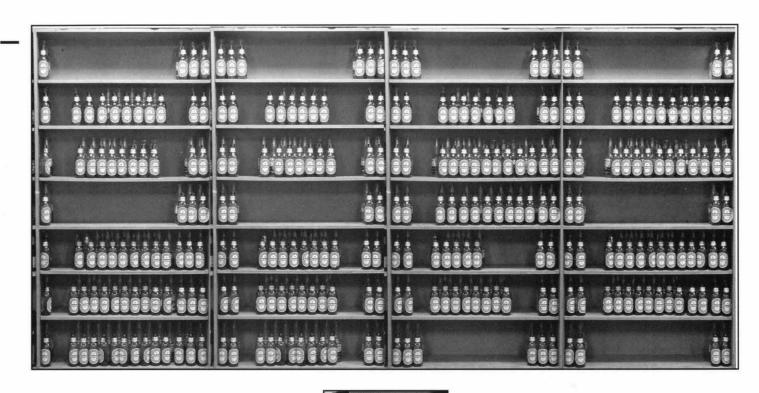


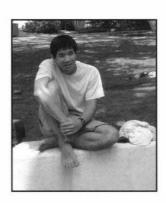




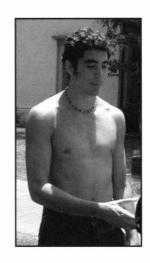


Page















#### **EXCOMM**





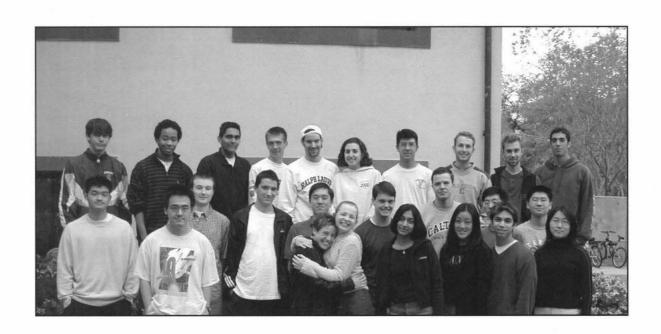








#### Freshmen





















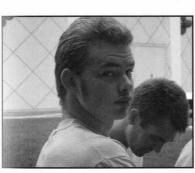
one hundred forty-six

#### Sophomores





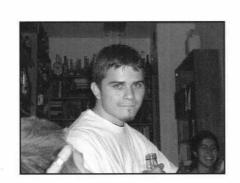






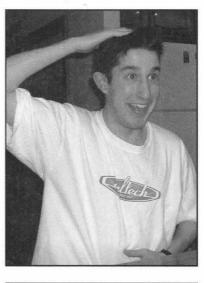




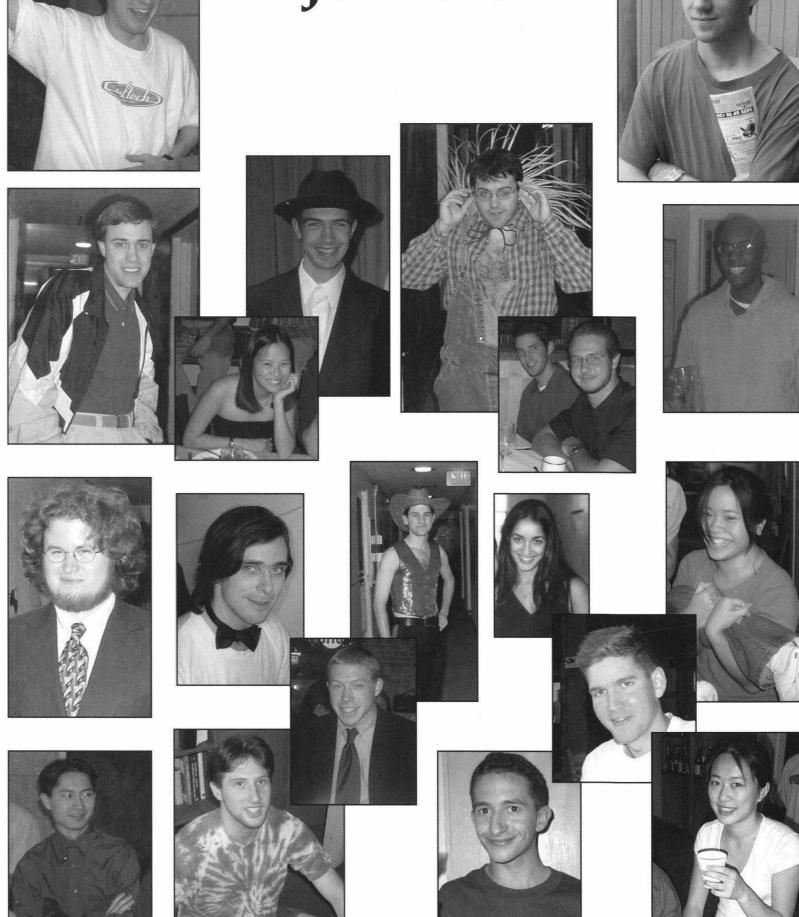




one hundred forty-seven



#### Juniors



one hundred forty-eight



#### Seniors





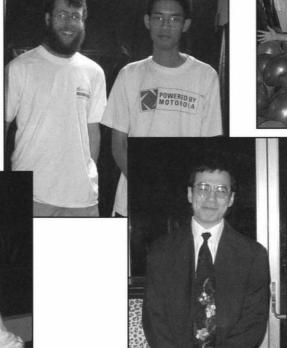


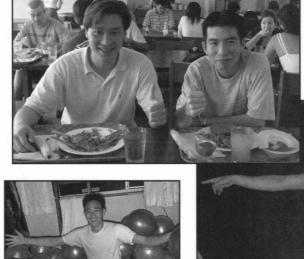


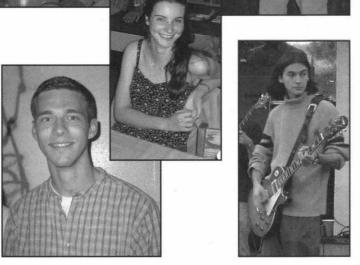






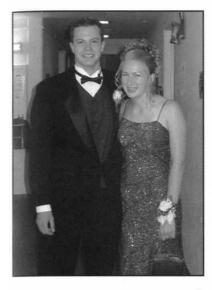








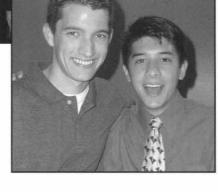








# Dressed to Impress



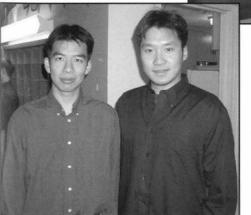












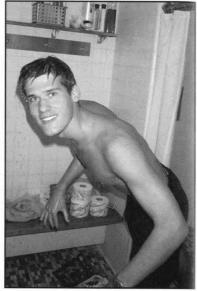








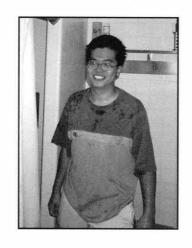




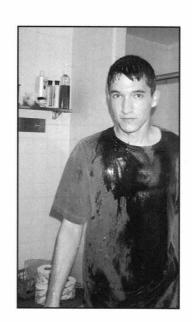


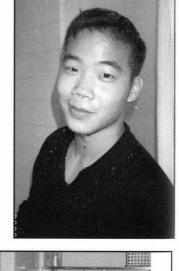


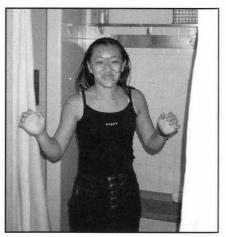








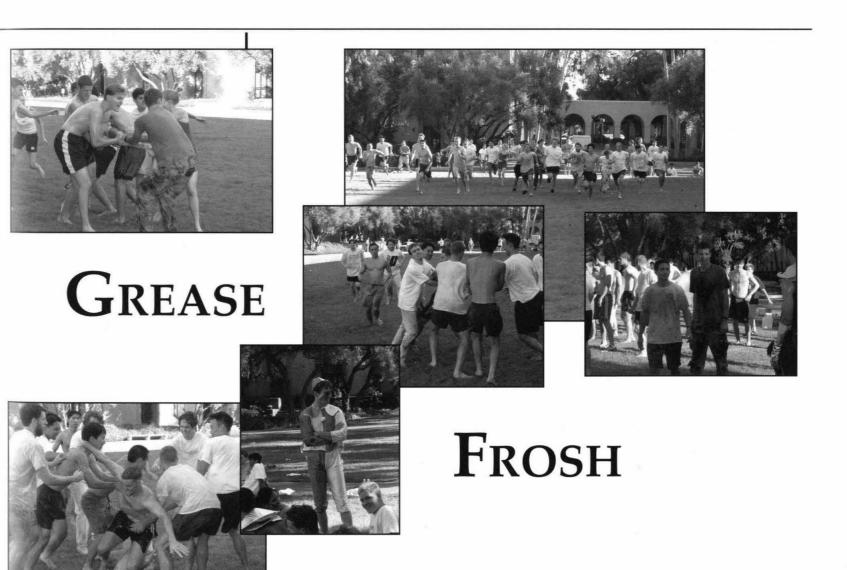




one hundred fifty-two



"Damn, it really is cold on *Mt. Wilson!*" - anonymous frosh.



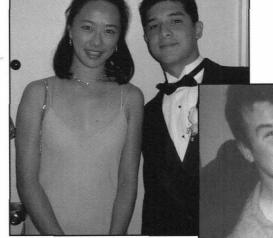


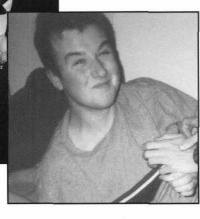












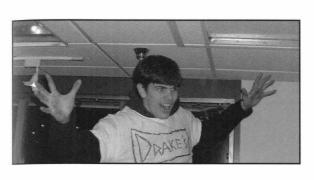


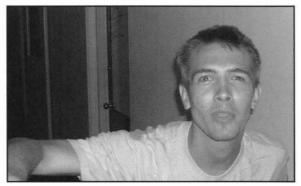


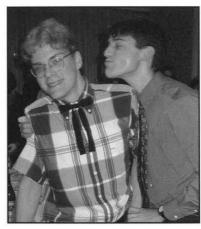




one hundred fifty-four



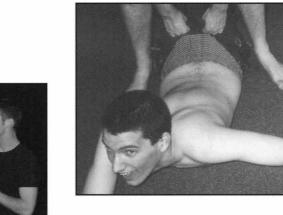




#### Having Fun ...



















Ricketts

### Ricketts



Hovse



In honor of my cat Pepper...



Engineers at work.



It's time for whack-a-mole.



one hundred sixty



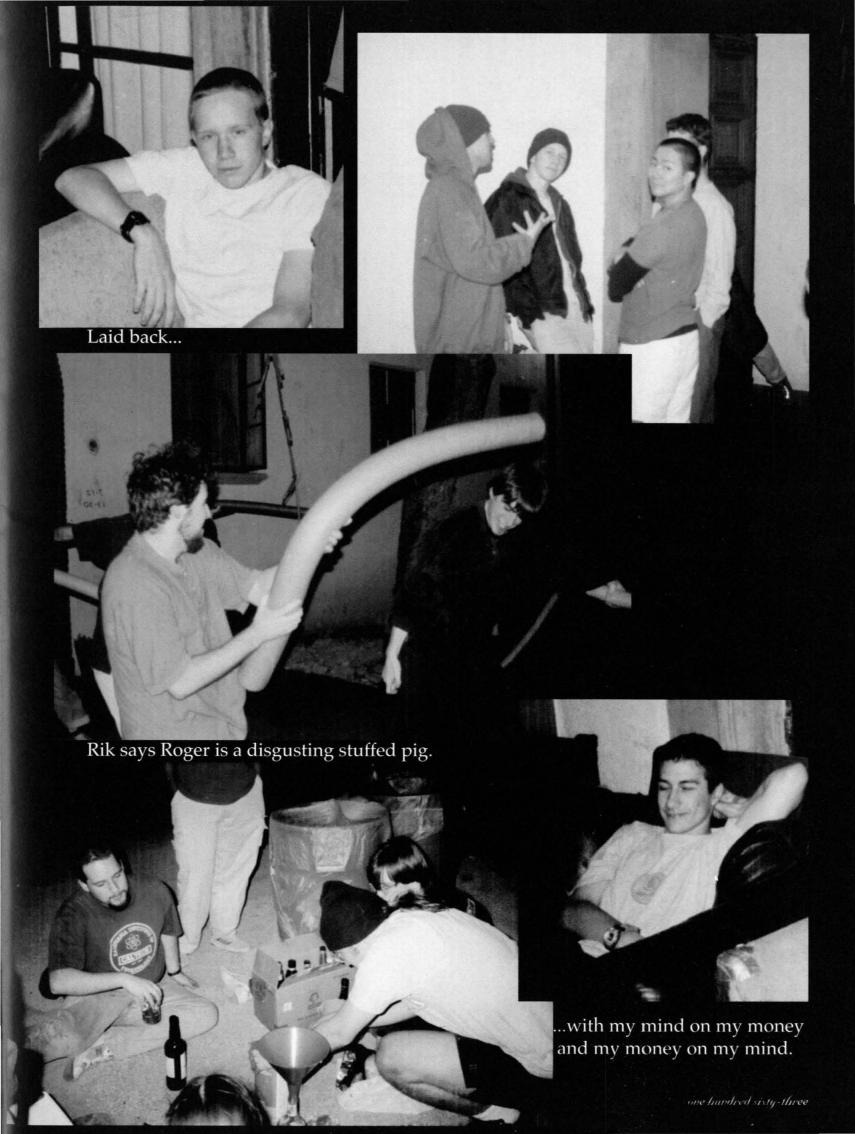
Kiss the bust!

That friendly symbol of undying love.

Your friendly neighborhood girl scouts?

It's monkey-lovin' time.

one hundred sixty-two



#### Freshmen



#### Sophomores



Juniors



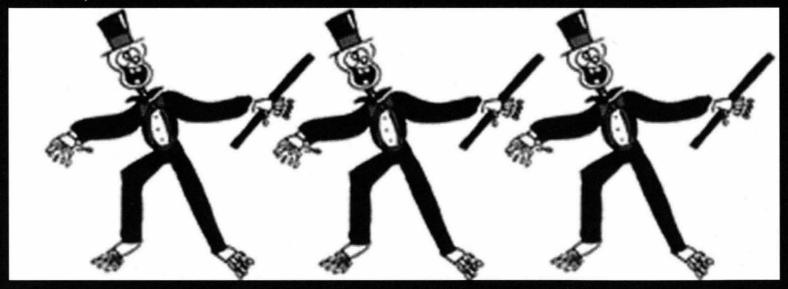
## Seniors



#### Ex Comm



Christoph Baranec, Ian Farmer, Dinkar Gupta, Rick Karnesky, Natalia Deligne, Walter Richter, Burak Cendak, Leonid Polovets, Jeff Bolz, Suvi Flagan, Michelle Valdez, Rajeen Patel, Leonid Rosenberg, Jason Mitchell, Nathan Sheets.



# Ditch Day





My name is Boris





Trying to get into the stuffed pig's room



Doh!





Teenage Mutant Ninja Turtles







Dinkar - da man!







We would like to thank Suvi Flagan and Michelle Valdez for their photographic contribution to this spread. We would also like to thank God for his undying love and support.



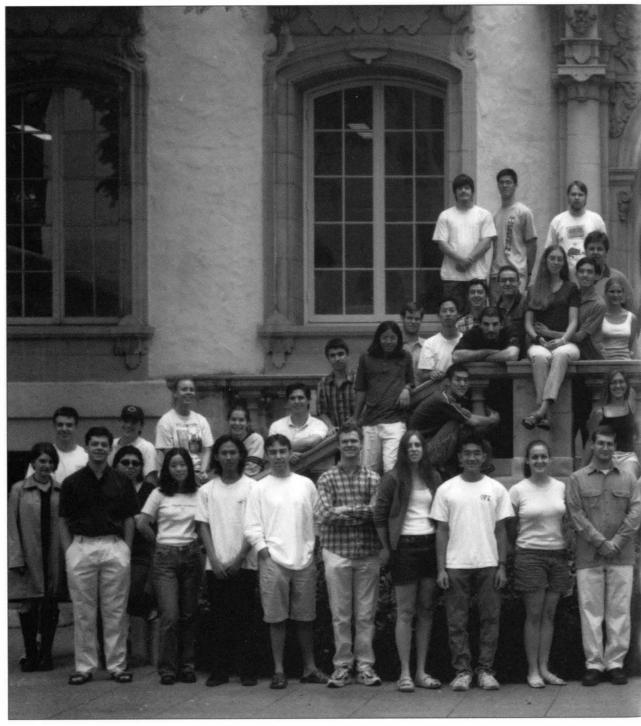




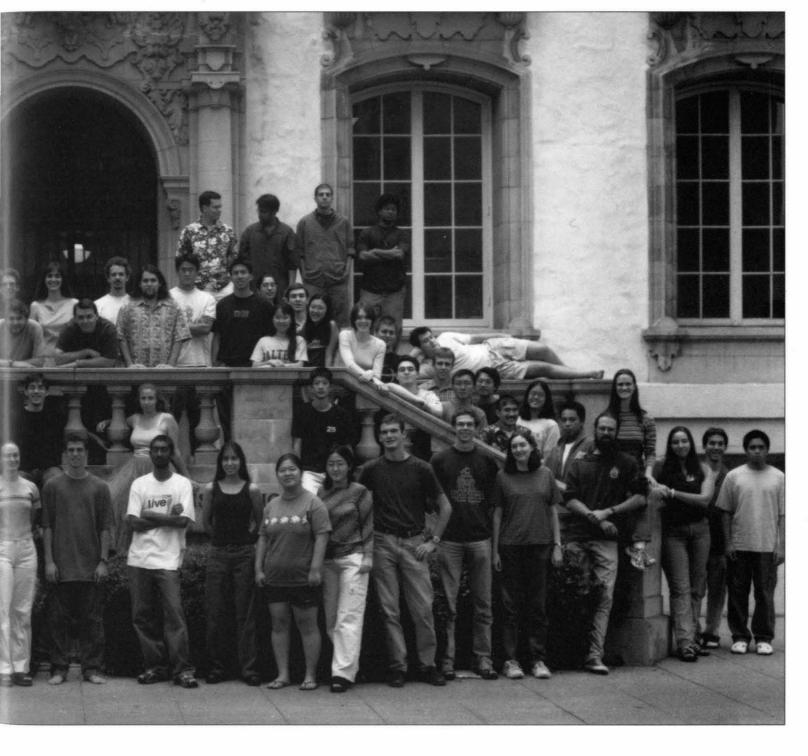


Ruddock

# 2000-2001



# UDDOCK HOUSE



# ш $\mathbf{\Omega}$

01. Freshman Class. Back row: Sarah Hunyadi, Merrett Joseph de Jesus, John Geiszler, Harris Wong, Ryan Gutenkunst, Nover, Shane Arney, Yile Ding, Kenny Higa, Sophie Liu. Elizabeth Reed, Craig Chu, Peter Kneeling Freddolino, Veasna Sok, Jeremy Pitts, sitting: Abraham Harte, Steve Berardi. Front row: Jason Aaron Robison, Dave Bernat. Schadewald, I Made Agus Wirawan, Not Pictured: Jim Anderson, Hermes Huang, Daniel Wu, Lily Brian Blood, Elisa Chan, Gruenke, Megan Kennedy, Theresa Andrew Coe, Walter Collins, Tiefenbrunn, Victor Tsai, Aimee Eddins, Alice Coppock, Dirk Englund, Salomon Trujillo, Robin Deis, Jon Hunt. Aaron Hicks, Loren Hoffman, Not pictured: Sirin Caliskan, Ali Chuck Hsaio, Emma Kang, Hassani, Stephan Lavavej, Sam Omar Khairallah, Kenneth Lindsay-Levine, Charlene Mak, Or Kuo, Yuan Liu, Gabe Lomeli, Neeman, Kally Pan, Laura Sinclair, Sarah Mahoney, Zach Medin, Francy Sung, Si Hui Tan, Lisa Wang, Dave Moll, Suhas Navak, Will Teddy

Dani Solano, Joe Escalada, Kevin Dan Stick, Bobby Swinney, Costello, Tim Dolch, Chad Kishimoto, Donald Sze, Tiago Wright. Eric Anderson, Megha Watugala, Yee Fun Lim, Rob Christy, Karl Hammond, 04. Senior Class. Back Jon Dama, Geoff Irving, Front Row: row: David Fang, Jay Turner, Brett Oisen, Derek Jackson, Michael Albert Shih, Sarah Wantoch, Jeffries, Dana Sadava, Joy Qiu, Tasha James Pelayo, Pete Vanesian, Hannah Kim, Yingbing Wang, Plavchan. Front Row: Geoff Jennifer Lee. Not Pictured: Abel Meissner, Harry Kao, Trisha Bourbois, Julie Cha, Jerry Chen, Shang- Sando, Nathan Stein, Amit Lin Chen, Lawrence Chieng, Kimberly Kenjale, Jason Meltzer, Naru Eilert, Melanie Goodrich, Hamed Sundar, Amy Duello, Erik Dill. Hassani, Tyler Kakuda, Kim Kelsey, Not pictured: Orkun Akin, Robert Kern, Cecile Lim, Stefan Luka, Faria Chowdhury, Jason Michael Maire, Ross Massey, John Oh, Chua, Helen Claudio, Tom Bryan Rittmeyer, Jason Shih, Dylan Daula, Peter Gerdes, Ari Simon, Mike Souder, Kevin Wang. Heinze, Janice Li, Benson

03. Junior Class. Standing: Steve Schell, Theresa Daniels, Tim Raub, Richard Shcherbakov, Stein, Matt Ballard, David Bustos, Shilyanski, Ron Siu, Ali James Lamanna, Brock Beauchamp, Soleimani, Andy Tretten, Karen Daugherty, Barbara Kraatz, Travis Waddington, Paula Gerald Palmrose, Meghan Smith, Whitten, Summer Zhang.

Yu. Peterson, Brad Phillips, David Rahmlow, Jamal Rorie, 02. Sophomore Class. Back row: Gray Rybka, Nate Senchy,

> Muite, Patrick Nercessian, Denis Carrie













#### FIRST TERM

**02.** Rotation Week. Jen**03.** Formal Dinner. Mega**04.** Hassle Week. Ruddock Fr

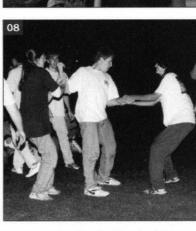
**01.** GAAC (Grand Amalgama) How many Rudds does it take to Karen and Trisha show so

05. GAAC. Aaron demonstates
06. GAAC. Gerald leads A excercises in preparation for the







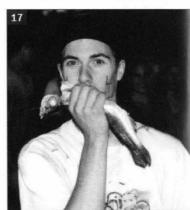












Alley Challenge).

Alley 2 spirit.

Subset of allow pen.

Alley 2 spirit.

Alley 2 spirit.

Subset of a spirit.

Alley 2 spirit.

Alley 2 spirit.

Alley 2 spirit.

Subset of a spirit.

Alley 2 spirit.

Alley 3 spirit.

Alley 2 spirit.

Alley 2 spirit.

Alley 2 spirit.

Alley 3 spirit.

Alley 2 spirit.

Alley 3 spirit.

Alley 2 spirit.

Alley 3 spirit.

Alley 4 spirit.

Alley 5 spirit.

Alley 6 spirit.

Alley 7 spirit.

Alley 6 spirit.

Alley 6 spirit.

Alley 6 spirit.

Alley 6 spirit.

Alley 7 spirit.

Alley 6 spirit.

Alley 6 spirit.

Alley 7 spirit.

Alley 7 spirit.

Alley 8 spirit.

Alley 8 spirit.

Alley 9 spirit.

Alley 9

for some showering action.

O8. Hassle Week. Dana and

Stefan ineffectually grapple with Peter during the dogpile.

O9. Formal Dinner. Megan and D a n i e i .

10. GAAC. Michelle: "Did I get mustard on my back?"

11. Hassle Week. "Nobody said

anything about a volcano!" Michelle gets carried away by the frosh after the dogpile.

12. Chez Ruddock.

Robert: And do you know what they call a... a... a Quarter Pounder with Cheese in P a r i s ?

Joe: They don't call it a Quarter Pounder with C h e e s e ?

Robert: No man, they got the metric system. They wouldn't know what the \_\_\_ a Quarter Pounder is.

### Then what do they call it?

### Robert: They call it a "Royale" with cheese.

### 13. GAAC. Dan the veep.

### 14. Hassle Week. Showering war.

### Buck: No. I look too much like Val Kilmer to risk my good I ooks.

### 15. GAAC. Alley 5 hates Dave Bustos. (In Portuguese, bustos means breast.)

#### 16. Hassle Week. This year's Buford Frink was

Karl Hammond.

17. GAAC. "Tastes like fish too." Derek kisses the fish.

18. GAAC. Andy and Chewy in the tug of war.

19. Hassle Week. Frosh play an invigorating game of "Rudd, Rudd, Lloydie."

20. Rotation Week. Michelle plays v o i i e y b a i l .

21. GAAC. "Uhh, guys... I soiled myself again." Sal gets mustard on his face.



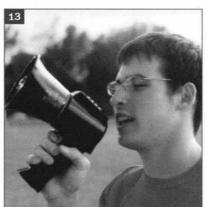




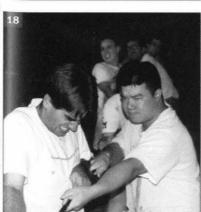




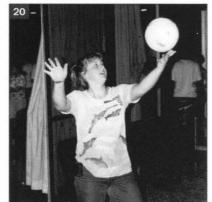


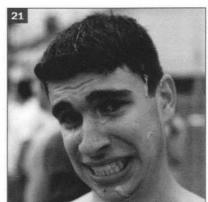














one hundred seventy-eight











#### SECOND TERM

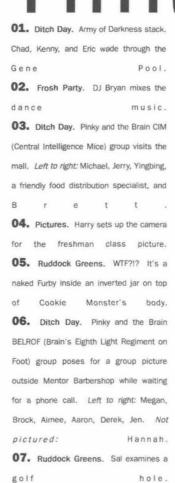
01. OPI. Steve, Sal, and Jeremy help wire the lights for the dance floor. Brett's in the background something too. 02. Installations. Gray pretends to be an artist. 03. Installations. Jeremy and Meghan begin to brawl. Trisha is an innocent bystander. 04. OPI. Sal and James wire the dance floor. Last year this was done after the plywood sheeting was attached. 05. Installations. Sarah and Amy perform the traditional feeding of presidents.

06. Installations. Three previous and current Ruddock presidents: Katie "I'm sweet and innocent" Noyes, Amy "I'm scary" Duello, and Sarah "I'll beat you" Hunyadi. 07. OPI. power cords through the flooded lower courtvard while others watch safely from the d 08. Installations. Part of the really really abnormally friendly old excomm: Dan, Andy, Derek, Amy, and Dana. 09. OPI. Derek puts the roof up while everyone else lounges around. 10. Volleyball. James receives a serve during the ill-fated 2001 interhouse volleyball 11. Ski Trip. A bunch 'o Rudds at the top of the mountain where it's ass-biting cold: Will, Laura, Trisha, Barbara, Megan, Geoff, and Derek. 12.

13. OPI. Jon pounds the dance floor.

14. Volleyball. Michelle holds the scorecards. 15. OPI. Goose, Eric, and Brett attach plywood sheeting the dance floor. 16. OPI. Dana mixes goop for paper mache. 17. Installations. Sarah receives the "Tech is banner. 18. Ski Trip. Naru and Bustos. 19. OPI. James' favorite pastime (apart from complaining about CS138 ): installing lights bridge. 20. Ski trip. Erin and Harris pose with Woolly large skiing the mammoth. 21. Ski Trip. Kenny. BoC BoC BoC BoC! 22. OPI. A crowded dance floor at OPI. Mmm, leather pants... 23. OPI. Karen makes the tin man. 24. Volleyball. Fang blocks against Page. "I'll shave my head if we win the remaining n games. 6 ) \* n 25. OPI. The end of OPI was accompanied by the spontaneous outbreak into song. Daniel, Sal, Laura, Will, and Dana sing "American Pie."

## THIRD TERM



Frosh

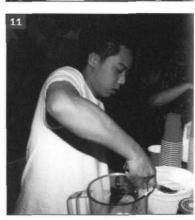
Party.

Goose: How about dealing us some cards, Duck? Duck: No. I look too much like Val Kilmer to be with you riff-raff. 09. Ditch Day. Fang cooks an appetizing meal consisting mainly 10. Frosh Party. Too much to drink Brett? 11. Ruddock Greens. Ves makes milkshakes for the prefrosh. Check out that scooping forearm. 12. Ditch Day. Merrett and Sarah have lunch in the forest while working on the Army of Darkness stack. 13. Pictures. A photograph of Naru photographing Erik. Ruddock Greens. Karl ponders the subtleties of Joe's Ditch Day. Kevin really Background: enjoys digging. Gerald, John, Ryan, and Chad.

16. Frosh Party. Sporadic dancing in the courtyard. 17. Ruddock Greens. Rudds relax in 1.5 after the conclusion of Ruddock Greens. Left to right: Brett, Will, Karen, Aaron, Robert, 1 18. Ruddock Greens. Amy 19. Ruddock Greens. Hermes and Sal next to the blower for The Return of Schoonk! ("Please keep all small children and animals from air intake.") 20. Ditch Day. Pinky and the Brain SAM (Secret Agent Mice) next to their radio transmitter. Brain: Are you pondering what I'm ndering? Pinky: Eeemh.. I think so Big Brainy Fish Face Stovepipe Wiggleroom liene, but if you get a long little doggy wouldn't you just call it a Dauchshound?









08.



## NATURAL ENVIRONM



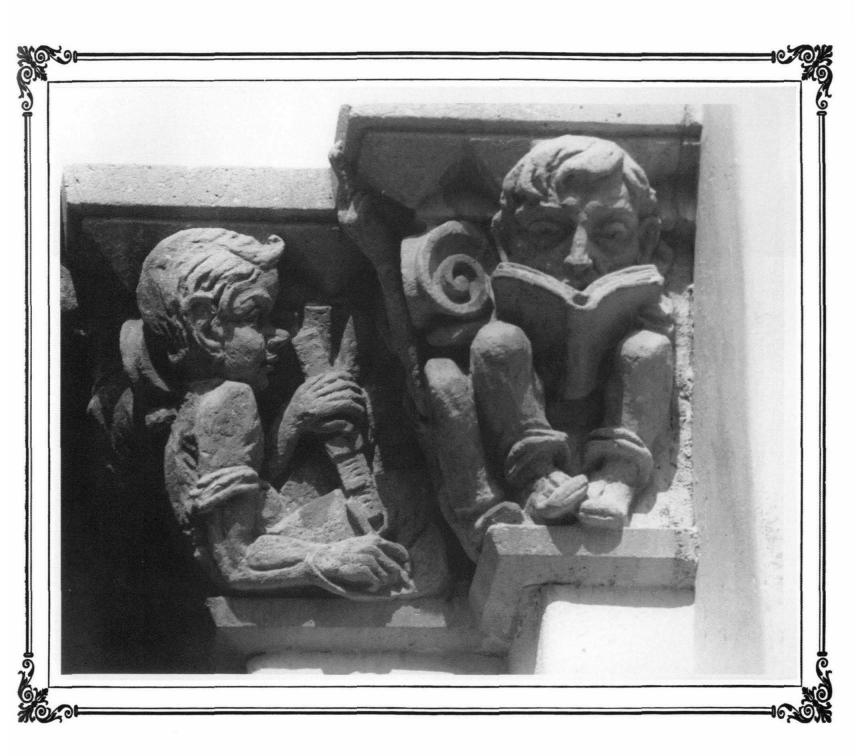
33. Nathan Stein 34. Zach Medin

35. Tim Dolch

Joe Escalada







Seniors



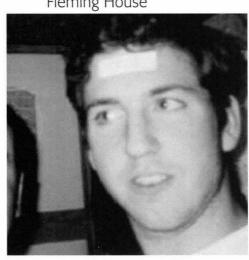


Alec Muller
AERONAUTICAL ENGINEERING
Poland Spring, ME
Fleming House





Cric Sherer
CHEMICAL ENGINEERING
Valparaiso, IN
Fleming House



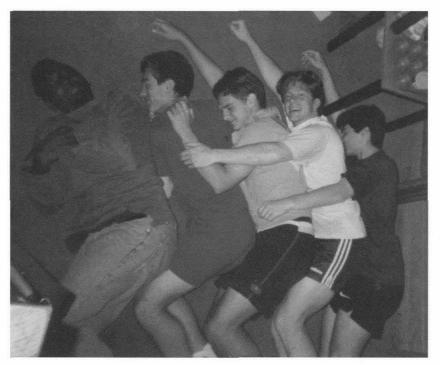
one hundred eighty-six



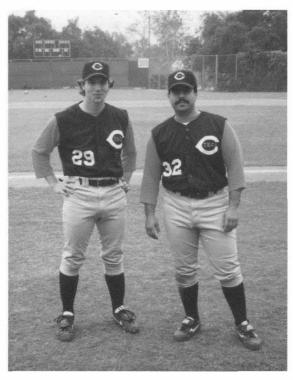
Linda Soo ENGINEERING AND APPLIED SCIENCE Taipei, Taiwan



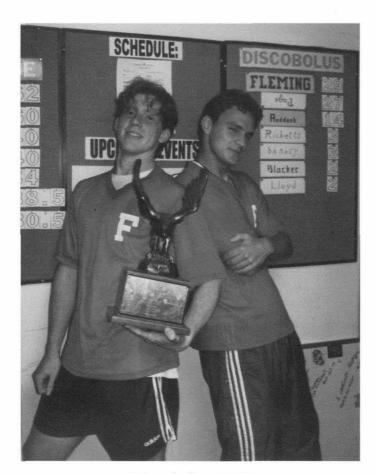




Ditch Day, 1999



Caltech Baseball, 2001



Discobolus, 1999



Magic Mountain, 2000



Outside Room 70, 2001



Wine & Candlelight, 2000

Jon Ladd
CHEMICAL ENGINEERING
Richmond, VA
Fleming House

Daniel Daly
APPLIED PHYSICS
Springfield, VA
Fleming House

Adam Lawton CHEMISTRY Paramus, NJ Fleming House



Ditch Day, 2001 "007: No One Lives Forever"



Room 67, 1998



Dress Dinner, 1999



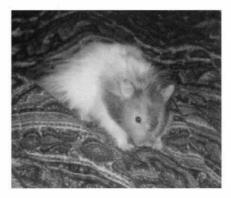
Wine & Candlelight, 2001



Darth B.J., 2001

Mita Losoponkul ENVIRONMENTAL ENGINEERING East Hills, NY Fleming House Orge Avelar CHEMISTRY Los Angeles, CA Fleming House

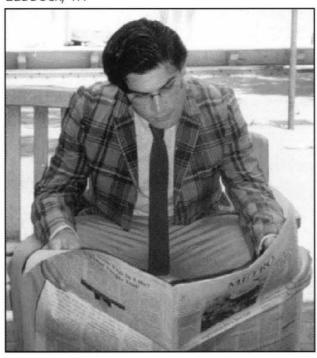
B.J. Horn
ENGINEERING AND APPLIED SCIENCE
Casper, WY
Fleming House

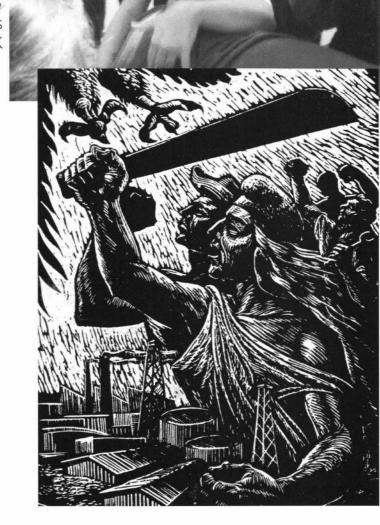


Anne Elizabeth Xelly
PHYSICS
Anchorage, AK

"Good morning revolution, you're the very best friend I've ever had." -Langston Hughes

Seth Louis Miller MATHEMATICS Lubbock, TX





Jason Meltzer
ENGINEERING AND APPLIED
SCIENCE
Dix Hills, NY



"The most sublime act is to set another before you."

one hundred ninety



Meredith Alden BIOCHEMISTRY Cincinnati, OH Lloyd House

"I generally avoid temptation unless I can't resist it."

-Mae West

Jane Garrity
BIOLOGY
Westfield, NJ &
Okemos, MI
Lloyd House &
Avery House

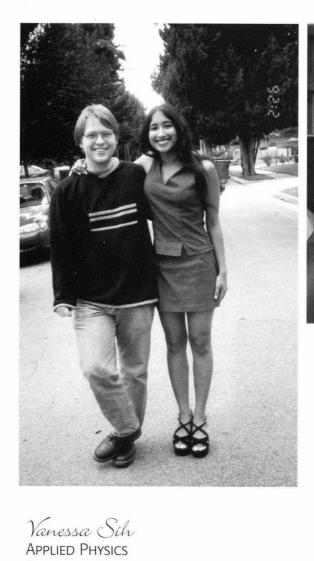
"What a long, strange trip it's been..."

-Grateful Dead



Melinda Turner
COMPUTATION AND
NEURAL SYSTEMS
Woburn, MA
Lloyd House



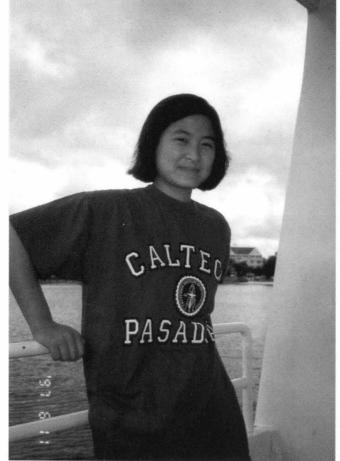






Dipasri Ghosh CHEMISTRY Cherry Hill, NJ

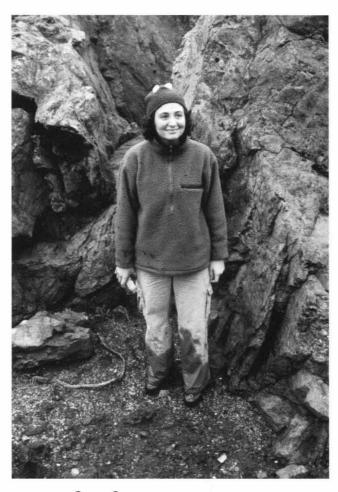






one hundred ninety-two

San Jose, CA



Joy Justice Engineering and Applied Science Woodbridge, VA



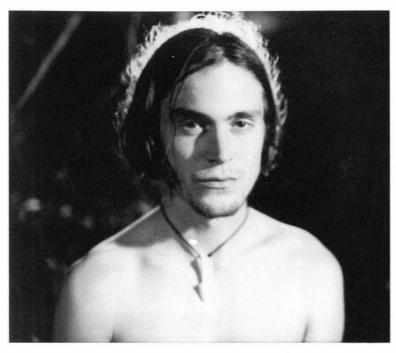












Francis MacDonald GEOLOGY Moscow, ID

Heather Graven
CHEMICAL ENGINEERING
Littleton, CO



Howen Mak MECHANICAL ENGINEERING Alhambra, CA

"What, me worry?"



Joe Cook LITERATURE Bloomington, IL

"Only he who attempts the absurd is capable of achieving the impossible." --Miguel de Unamuno

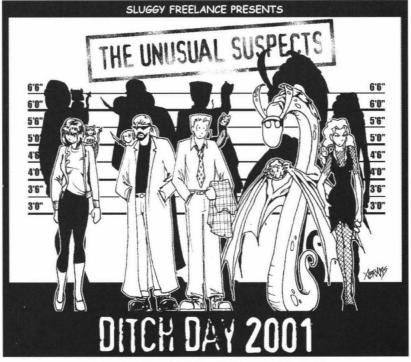


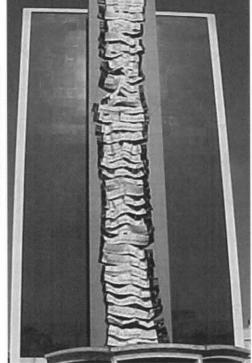
Evil Geniuses for a Better Tomorrow

"I can't speak for the other guys, but I'm in it for the money." Sneakers, 1992



"There are no frogs in this story." -- Ashlee Goodwin







Helen Claudio ENVIRONMENTAL ENGINEERING Richmond, CA

"Eagle by day, wolf by night."



All Sluggy Freelance artwork © 2001 Pete Abrams



Regina Cheung MECHANICAL ENGINEERING Freehold, NJ Blacker House



"Be like a duck: calm on the surface, but paddling furiously underneath."

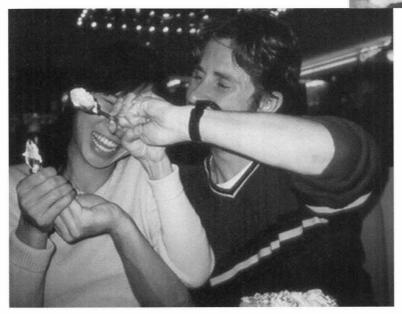




Robin Friedman CHEMISTRY Thousand Oaks, CA Blacker House



"The priest persuades a humble people to endure their hard lot, a politician urges them to rebel against it, and a scientist thinks of a method that does away with the hard lot altogether." -Max Percy

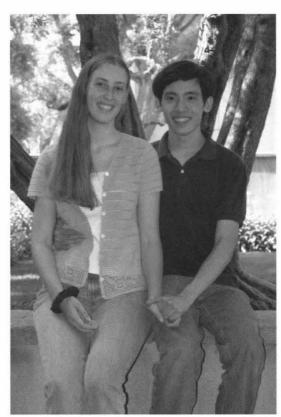


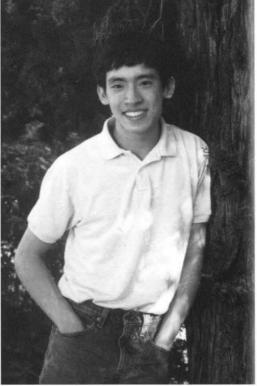
Brian Platt
MECHANICAL ENGINEERING
Bethesda, MD
Blacker House





Sarah Wantoch CHEMICAL ENGINEERING Overland Park, KS

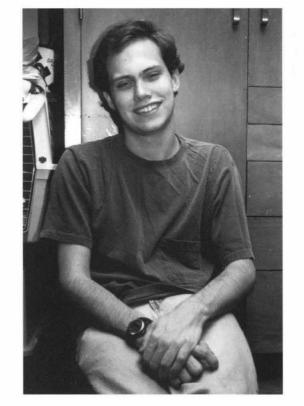




Albert Shih PHYSICS & MATHEMATICS Palos Verdes Estates, CA



Peter Gerdes MATHEMATICS Glenview, IL







Jay Catherwood CHEMICAL ENGINEERING Atlanta, GA Blacker House



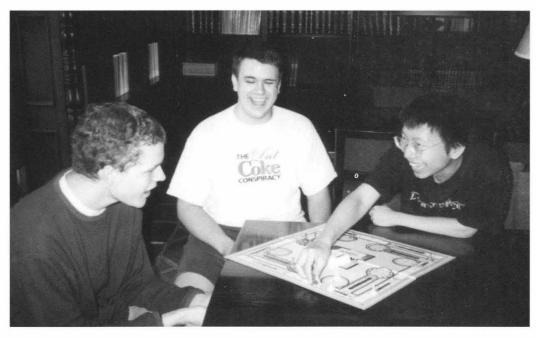
Peter Freese
MECHANICAL ENGINEERING &
ECONOMICS
Omak, WA
Blacker House



Harry Liu ENGINEERING AND APPLIED SCIENCE Tucson, AZ Blacker House







Dev Xumar Engineering and Applied Science Dallas, TX Dabney







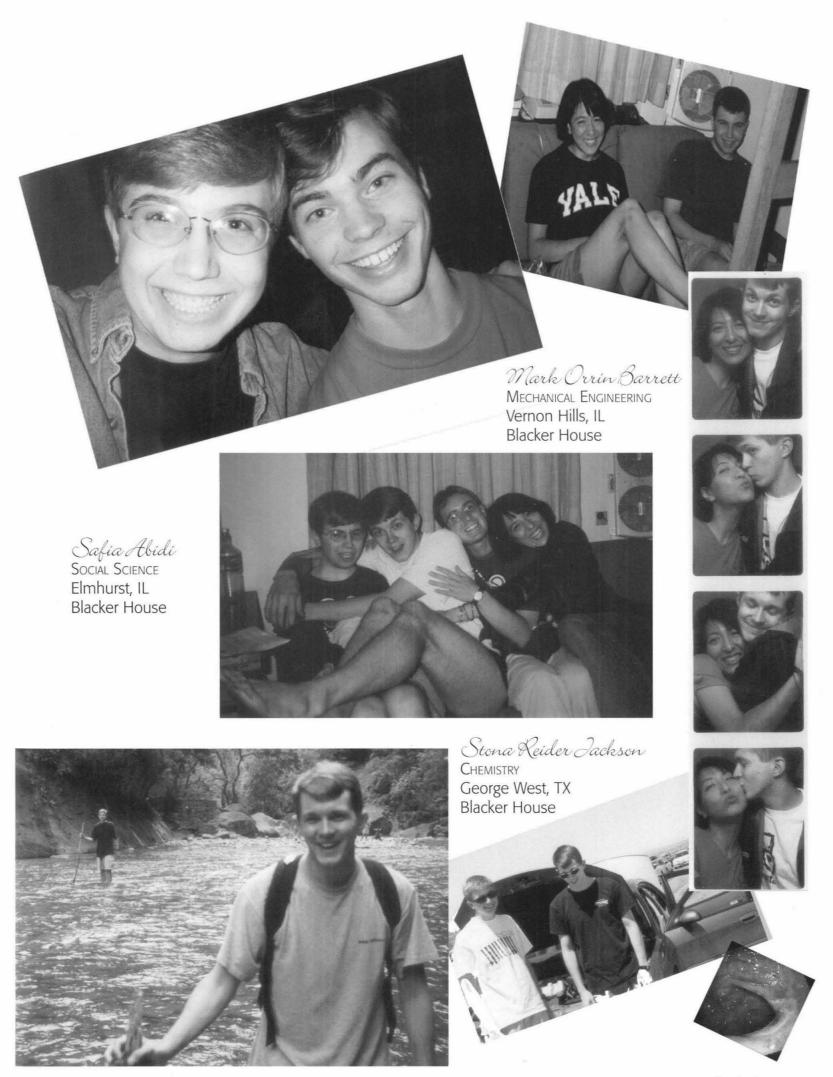
Physics Peabody, MA Dabney

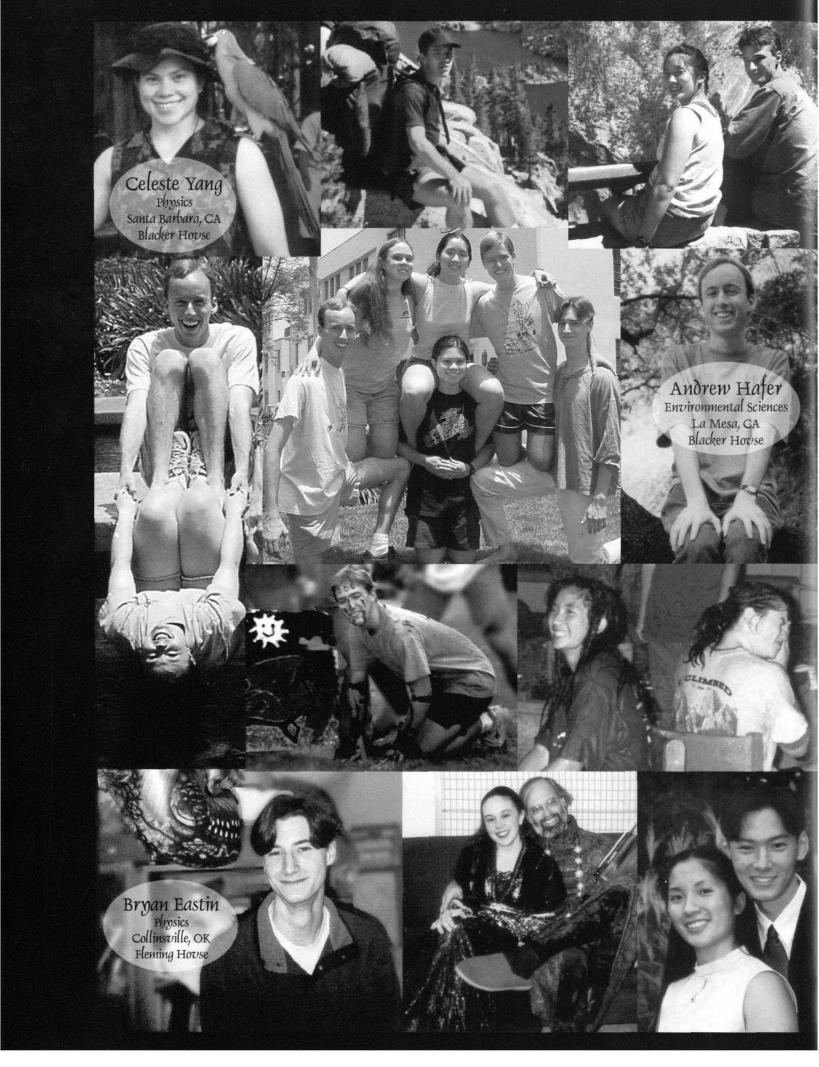


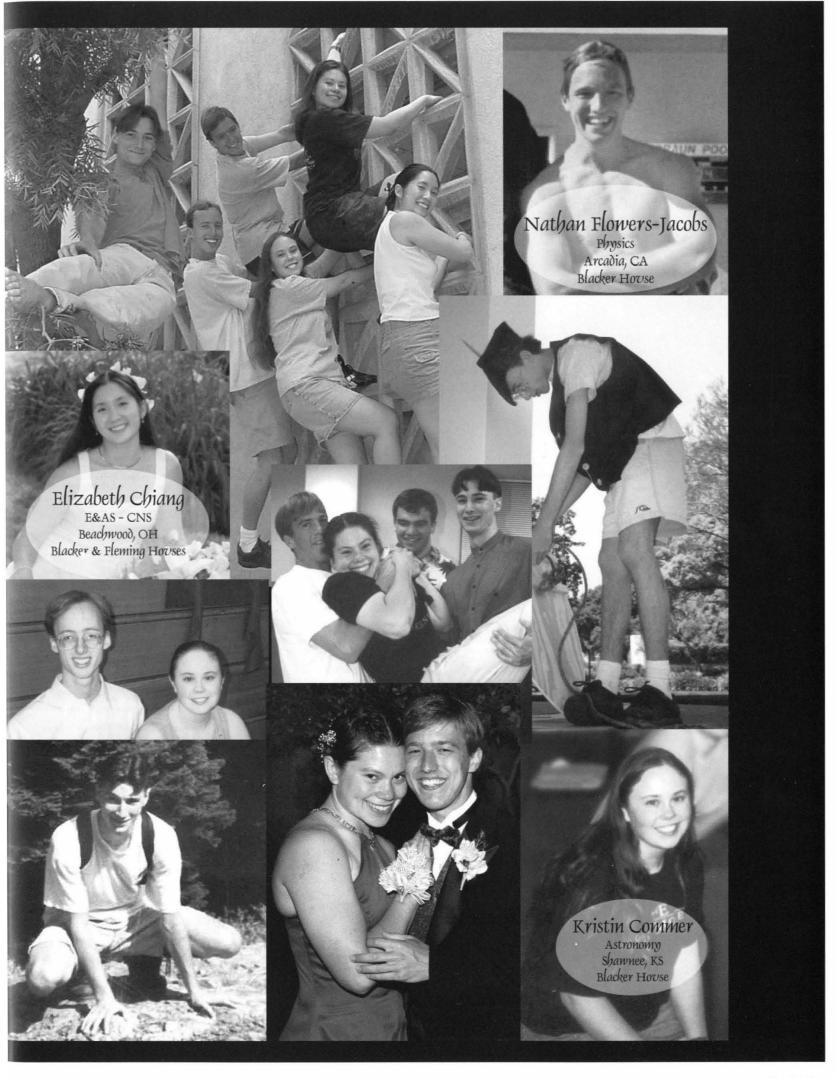


Michael Pruett
ENGINEERING AND APPLIED SCIENCE
New Orleans, LA
Ricketts

one hundred ninety-eight







little butterfly

Among the

this point.

Wat. It home

Mon

## las Misriaushi

that you should be wary of whose mind you destroy.



for your dinner, now put out! Dulling our minds religion. It's hard. It really is. Living every day only to be stripped of whatever dignity went un iced destruc uilty as the red, you rur you car trength neces morrow. No ver. So you inno our As you fight of love is upor

der that the destruction of innocence is the birth of purity. God is a consure our pain. I don't believe in Jesus, I don't believe in I-Ching, lieve in Bible, I don't believe in Magick, I don't believe in Buddha, I don't believe in

Here's to those who wish us well, and tho

h e

n

behind

fight

war is

ego, for

rance.

the age

believe in Feynman, I don't believe in Zimmerman, I don't believe Leary, I don' believe in Muhammed, I don't believe in tarot, I don't believe in Monty Python, don't believe in Kippy Kippy Thorne, I don't believe in scientology, I don't believ believe in me. And that's reality. Goo that? What's that on that tape....he goo goo joob. Jihad. auto enna held a gun in his hand...you a po was thinking...this is a dangerous night. It's a prime location to get place...this is a dangerou an old school whoopi wanna be gang-bangers. Wha do you want? Wha money or gimme your life wall...hungry again. what White white to eat today? weaks eggy-weggs ticks cheese stix stop with of toas the food a 13 year streak. Now he's sick sick only had a 7 year the drain right up. Dee no-vomit streaks don't think that Eric has that is good and not vomitable Or so he likes to think iting again. Fell off the wagon. Out of the wagon? Not good Maybe his superpower i the rest of us. The king of wysiwyg. money. He's the got-no-green lantern. De spondent because my inspi evaporated. Transpirated. Left and gone up into the stratosphere. Dank White. Ziggurat. Look at ziggy, 4 ft lying down. Let the man buy crotchles into the stratosphere. Danc

Smelly. All smelly. We will rise up and storm the gates of your fucking little world lutely or fan-fucking-tastic. Why don't you go outside and play a game of hide the editor for this piece of crap and you've actually lasted this long...well THE HIEROPHANT good job your king clip-on tie. Tricked out hyundai, christmas in july...6.5 percent...you fill in the blanks. Limburger. Stroh's. You know what have you gone?? The nation turns it's lonely eyes to you. I miss your two teeth. Met a mini-Jonas the other day. Freaky. Like wearing

will lead to nothing but trouble. This is the eternal flames of Hades. Seething. and simply acts upon impulse, though dence/portents/omens behind one. (Satisfactorily). Holy Jesus, a leg! In let alone behind. This must be a result of cerebral cortex by the eyes of my think. Neither does Nick's orb. Is the Westward ho! Walk down that path for the That is when they get to you. While you are autions. You have been warned. Look both ve drifted apart. It happens. That way. to tell purple from green. There must be a way bating with a cored apple of forget what happened when they about is the seventh fucking seal. I hean, what is the deal with that? seal. Maybe I should nuts. So he flung ened the third And airline pea ng. Better than a pig's head. She likes to dance. Fly awa ess. And we are legion. Pull us out of the raging water. Getting back to the subject at hand...seems impossible at

> ping out oundation so orld we live in ing the good fight. Oranges from the and-out, love, I've just or a fungus? Witches' stuff, Mandelbaum. Mandelbaum. sert opinion here). Well you're Bremsstrahlung, Bremsstrahlung. who don't can go to hell. Damn it, I paid with flu shots. Doped on mercury and

the day tion of innoceno rest of us. Left nafor your mask to regather the sary to continue one told you that keep fighting for ence, for your igou fail to realize us. If only we' may live in p ept by which w

Kennedy, I don't believe in Lennon, I don't n Clinton, I don't believe in Gita, I don't pelieve in Caltech, I don't believe in science, I don't believe in vagina trees... ....I just Kore ga hon desu. Thela Hun Ginjeet. What's The explanation was going nowhere, I man? place...this is a dangerous place...Green street at group of

ixed

all

vom

with

brown mushy meat with lots and lots of grav you're going to make me vomit! nick vomited sick. Vomited in the sink this morning and it non-vomit streak. I don't have no vomit streaks Maybe a 3 week one. So clearly Nick is god of But he can't think that any more now that he's nd non vomitable anymore. Contaminated

the lack of ration has ing among panties

the clouds. Found its way back home. We're a mass. Homeless. White. Black dom "fuck" here. As in abso-fucking-fuck-yourself. Fisting for beginners. chip. You think you're a big man, with you need? 100 units. Rodney...where Glad-Lock bag to graduation. game existence till the end...of the an errand-boy, sent by grocery clerks to

collect a bill. That must be your partner there in the woodchipper. So, you work for an escort service....you find that kind of work interesting? Enough with the Fargo quotes. If I haven't mentioned it yet, the vagina tree is critically acclaimed as the "most influential piece of work of the 21st century"—Los Angeles Times. It is not a vigina tree. It is not a vagina tree. It is not a vagina tree. here? Done

ve learned from all this, it

owards your own ends, it

or thy soul shall burn in

hink things through

eave signs/evi ot always get it. tent can be left,

through my what you

ght of yourself

you. Take the necessary pre-

on was once a close friend of mine. Bu

think I would succeed at least some of the time

and lose there way in this crazy, workaday strong, brothers and sisters. Keep fight-

stopped. Spewing forth like Apples and One minuga, droogie. No time for the old is

It' all san krit to me. Some day I would like to visit Angko get some thinking done. Mamma don't go. Daddy come

I know how Nietzche felt. At least on every other keep stealing my ideas. Everything that anyone

He English language in a past life. The

don't

in porn,

biblios

ice

you got?

got me locked in a box. They study

very Idea I've ever had, every

sible to have. They have mapped

with their diseased thought

of human consciousnes

ing them, rotting the

near about is the seventh fuckin

et it to

Idea i

read my brainwa

have, and ever

and are ruin

web of my

those around

and lose the

Eric Tardiff PHYSICS Detroit, MI

Ryan Simkovsky Biology Poway, CA Dabney House





Micah Sittig Applied Physics Brea, CA Page House







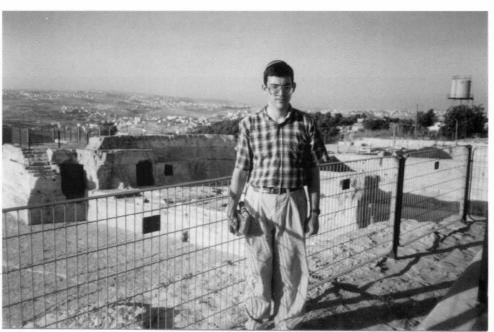




¿Qué es la vida? Un frenesí. ¿Qué es la vida? Una ilusión, una sombra, una ficción, y el mayor bien es pequeño: que toda la vida es sueño, y los sueños, sueños son. - Pedro Calderón de la Barca

Michael Schein MATHEMATICS Fayetteville, AR Fleming House

Exile yourself to a place of Torah [learning], and do not say that it will seek after you, for it is your fellow students who will make it your permanent possession; and do not rely only on your own understanding.
---Mishna Avot, 4;18





















Brian Stalder

ASTRONOMY

Colfax, CA

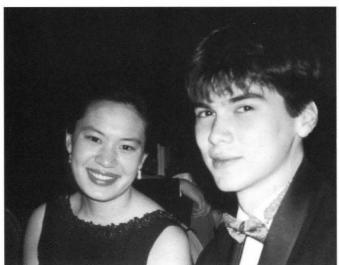




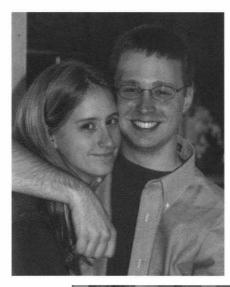


Carrie Bunce Engineering and Applied SCIENCE Pittsfield, MA

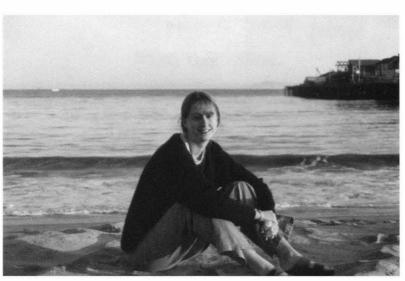








Amy Peterson ENGINEERING AND APPLIED SCIENCE Shoreview, MN Blacker House



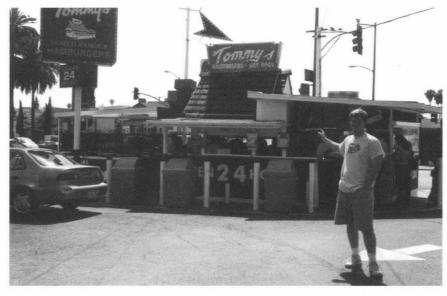




Cheryl Forest BIOLOGY Army Brat, USA Blacker House

Ruth 1:16



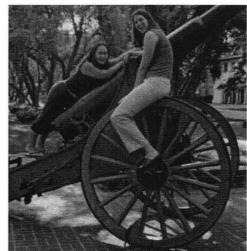


Christian Thomas PHYSICS Simi Valley, CA Blacker House



Ujie J. Xim BIOLOGY & LITERATURE Los Angeles, CA Dabney House







Lisa Van Hoozer CHEMISTRY Kansas City, MO Fleming House











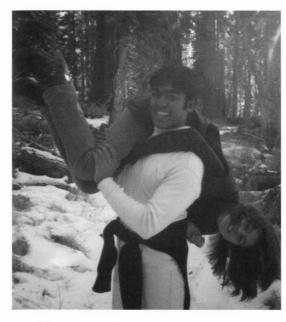




Augusto Callejas Engineering and Applied Science Miami, FL

a town so small you can wave on every block someone knows your name but far from home when living miles away you know you're alone see you move away wondering why you leave this place for that when you come back there's no place to go buildings touch the sky sidewalks never end some streets have no names





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



Elitza Maneva Computer Science Sofia, Bulgaria



Kathryn Todd Physics & Literature Ukiah, CA

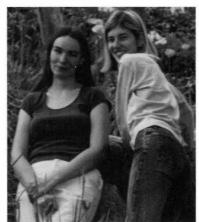


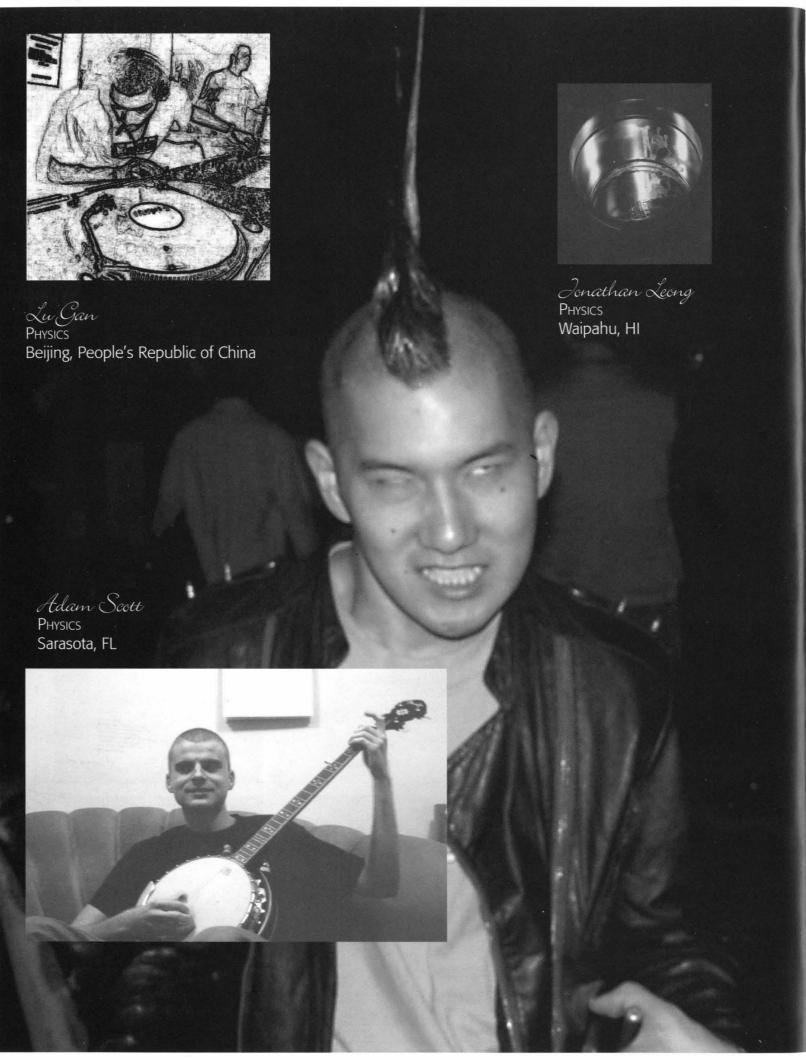
PHYSICS & LITERATURE Petaling Jaya, Malaysia





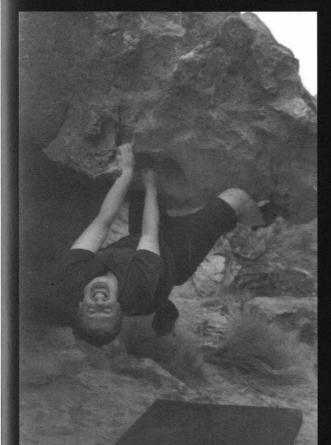






Rik Williams ASTRONOMY Silverton, OR

Christoph Baranec
Astronomy
Huntington Beach, CA & Melbourne, Australia







Kent Brockman: Rainier Wolfcastle, star of McBain in the upcoming film: "Help, my Son is a Nerd."

Wolfcastle: My son returns from a fancy east coast college and I'm horrified to find he is a nerd. Brockman: Ha ha ha.. I'm laughing already.

Wolfcastle: It's not a comedy.





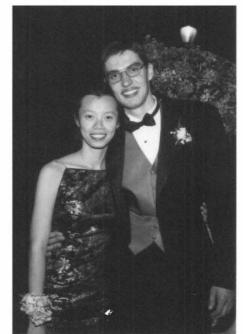


Physics
South Bend, WA











Mohi Xumar GEOPHYSICS Federal Way, WA



Ashwani Sastry Mathematics Englewood Cliffs, NJ

Faria Chowdhury ELECTRICAL ENGINEERING Boca Raton, FL











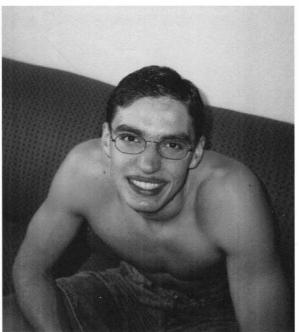




Andrew Koehl ELECTRICAL ENGINEERING Huntsville, TX

Jean Wang ELECTRICAL ENGINEERING Falls Church, VA





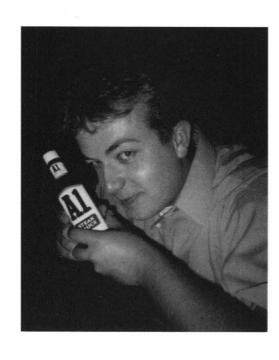
Vladimir D. Fedorov COMPUTER SCIENCE Richmond, VA



Paula Whitten BIOLOGY Carrolton, GA



Chris Arnesen PHYSICS Bloomington, MN



Jason Jurner Mechanical Engineering Andover, NJ





Amy Duello MECHANICAL ENGINEERING Stone Mountain, GA

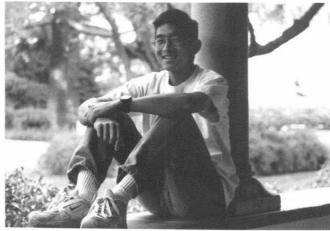














Trisha Sando BIOLOGY Thousand Oaks, CA



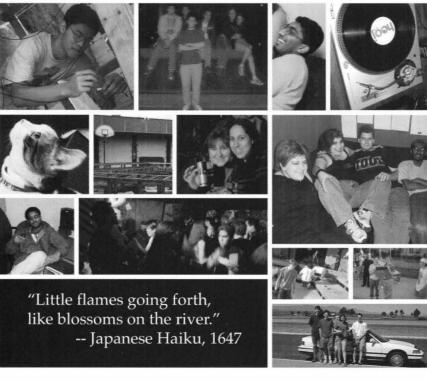


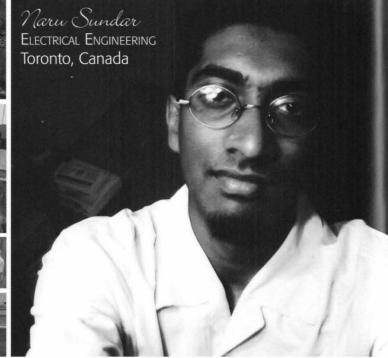


Amanda Lynn Booth GEOCHEMISTRY Anchorage, AK



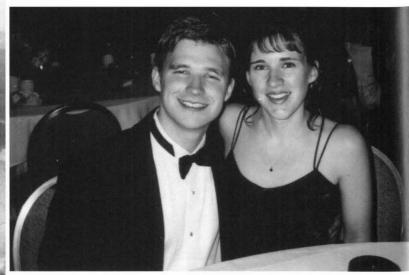




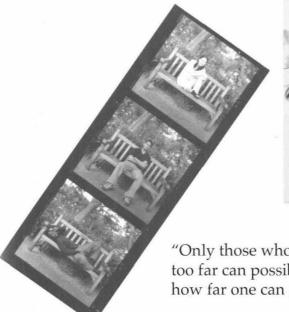








two hundred fourteen





"Only those who will risk going too far can possibly find out how far one can go." - T.S. Eliot



Puneet Newaskar ELECTRICAL ENGINEERING Singapore, Singapore



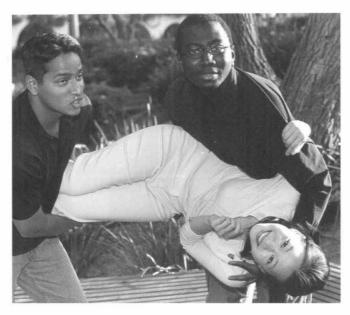












Abe Ankumah ELECTRICAL ENGINEERING Accra, Ghana

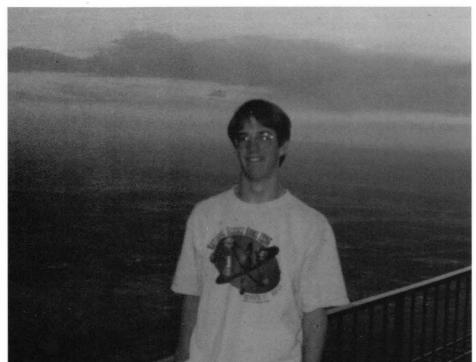
"Man's Mind, stretched to a new idea, never goes back to its original dimensions." - Oliver Wendell Holmes



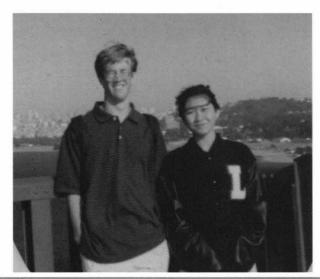
Mancy Wei BIOLOGY Santa Clara, CA



Don't just read, absorb; don't just breathe, feel; don't just exist, live.



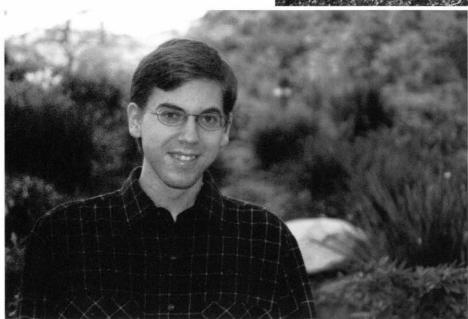
Christian Louis Reichardt PHYSICS San Francisco, CA





Stephen Wexler
ENGINEERING AND APPLIED SCIENCE
West Hartford, CT





Ron Alterovitz Computer Science Rocky River, OH Page House

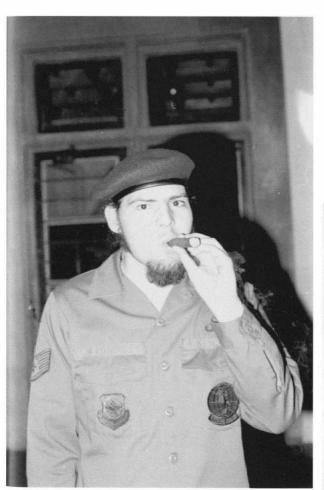


"Thus spake the master programmer:

'When you have learned to snatch the error code from the trap frame, it will be time for you to leave.'" - The Tao of Programming

Alexandra Baugher ENGINEERING AND APPLIED SCIENCE Idaho Falls, ID Ricketts Hovse





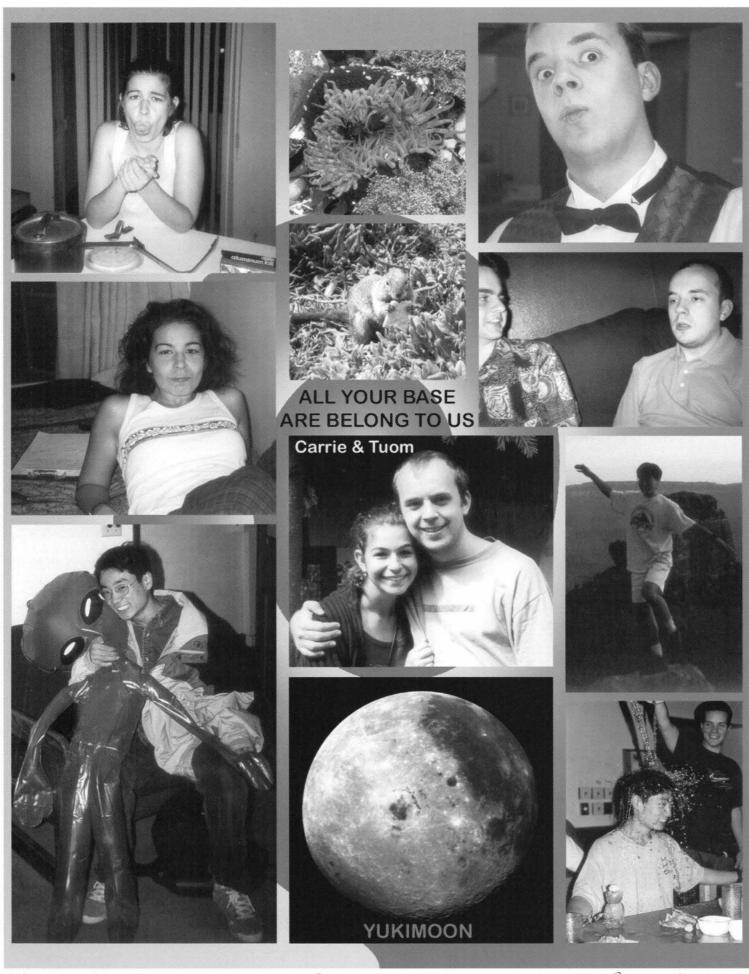
In timidity he is Babcock!

Kevin Babcock COMPUTER SCIENCE Sun Prarie, WI Ricketts Hovse

Roger O'Brient PHYSICS The Woodlands, TX Ricketts Hovse



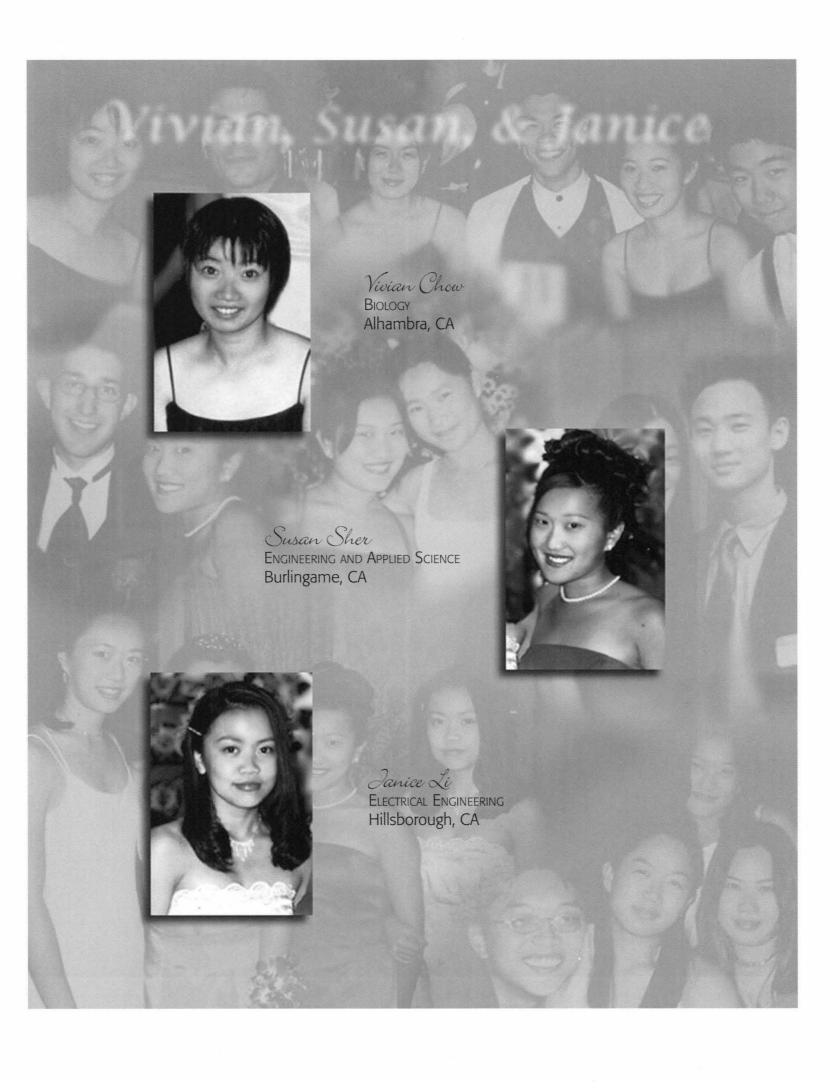
"Most likely to die by the age of 30 in a grisly accident."
- High School Year-Book Superlative

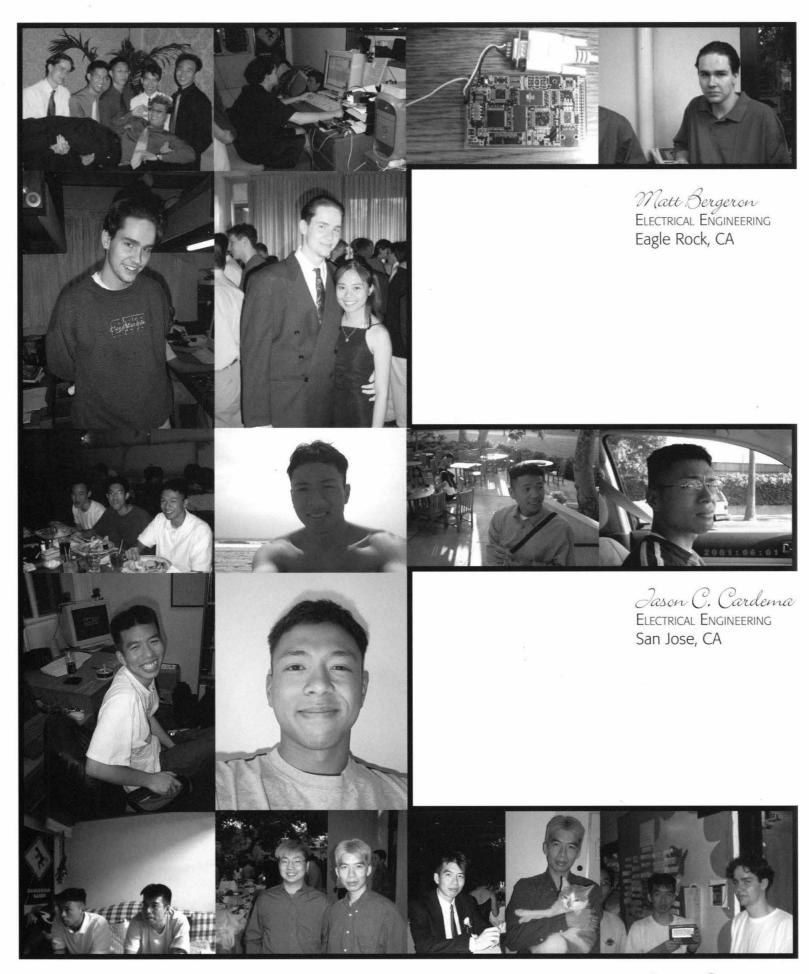


Tuomas Holmberg APPLIED PHYSICS East Rockaway, NY

Carrie Shilyansky BIOLOGY San Marino, CA

Yuki Takahashi Physics Susono, Japan



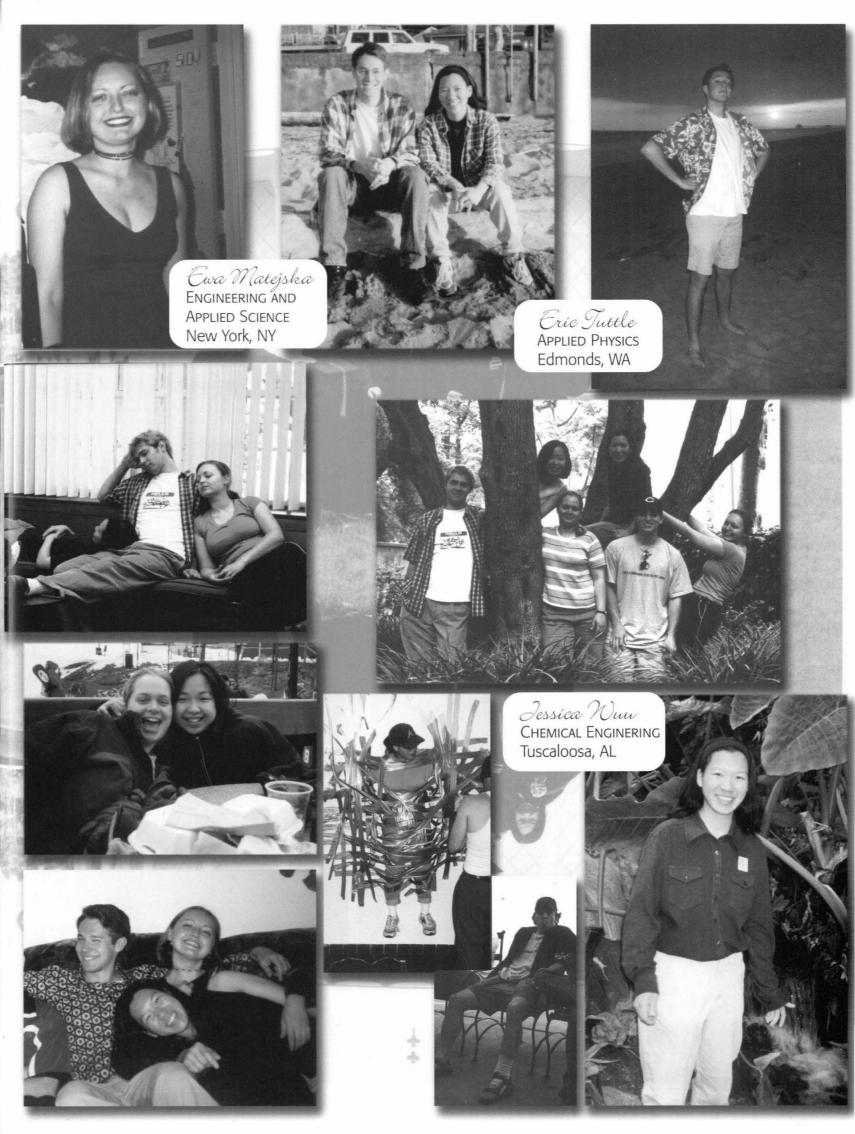


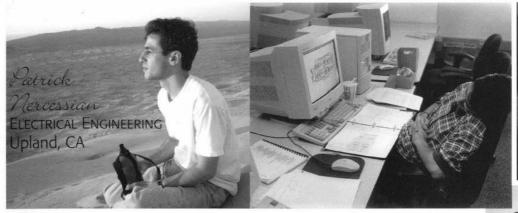
Joseph Chang ELECTRICAL ENGINEERING Houston, TX



Viet Tran
ELECTRICAL ENGINEERING
Beaverton, OR













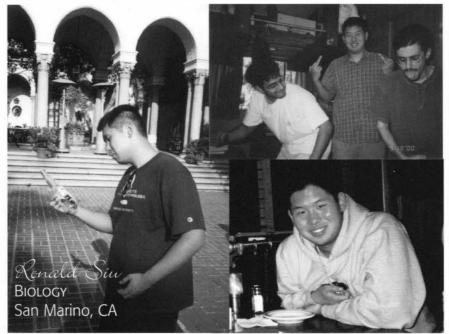
"He may live without books, -- what is knowledge but grieving?

He may live without hope, -- what is hope but deceiving?

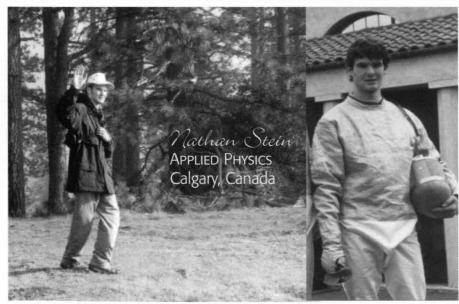
He may live without love, -- what is passion but pining?

But where is the man that can live without dining?"

-- Owen Meredith, "Lucile I"



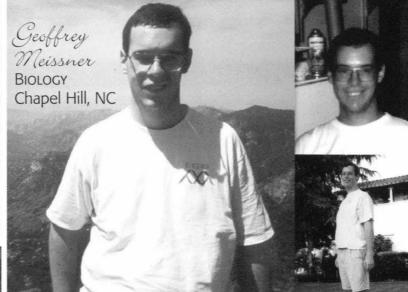




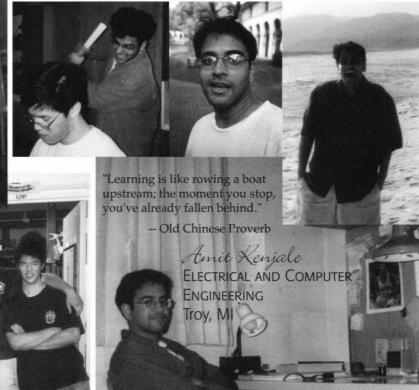


two hundred twenty-four

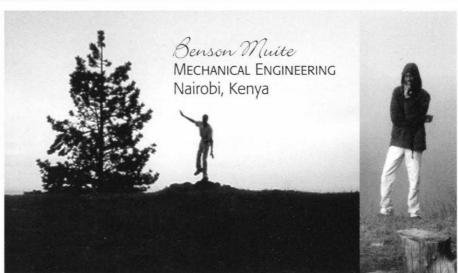












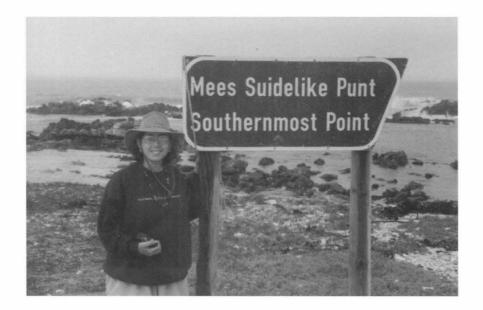


Laura Brogoch COMPUTER SCIENCE Shanghai, China Lloyd House



I wouldn't recommend sex, drugs, or insanity for everyone, but they've always worked for me.





Jenny (ves GEOLOGY Colecamp, MO Lloyd House



Crina Miklovsky CHEMISTRY Los Angeles, CA

"What they undertook to do, They brought to pass. All things hang like a drop of dew Upon a blade of grass."

-Yeats



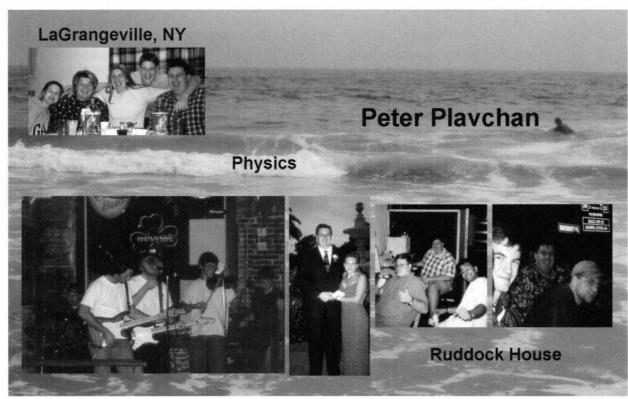
Ghee Awee Lai Applied Physics Singapore, Singapore



Yin Yuen APPLIED PHYSICS San Francisco, CA

"Life is like a bowl of cherries and I gotz the pitz!"

- Schwartz



Peter Plavchan Physics LaGrangeville, NY Ruddock House



Anthony Griffin ENGINEERING AND APPLIED SCIENCE Baxter, MN

David Antonio
ENGINEERING AND APPLIED SCIENCE
Dallas, TX

Stephen Bird Engineering and Applied Science Portage, MI

David Gagne
ENGINEERING AND APPLIED SCIENCE
Shapleigh, ME



There are two ideas which I hope every member of the class of **2001** has absorbed from his four years at the Institute and will carry with him through life. The first is the idea which has come into the world through the growth of modern science beginning with the time of Galileo, — the idea of progress; a progress, too, of which we are a part and in which we ourselves can play a role of supreme importance.

The second is the idea of responsibility, of service, an idea which is much older than modern science and which had its finest expression and exemplification about two thousand years ago, an idea which is the basis for all worth while religion but to which the successes of modern science in changing bad conditions have given a new stimulus anad a new justification.

No one knows to what limits mankind may be able to go with the aid of these two ideas.

> Robert A. Millikan PHYSICS Morrison, IL

#### Other Graduates

Orkun Akin Istanbul, Turkey Biology

Boris Semyonovich Axelrod Eagan, Minnesota Engineering and Applied Science

Onureena Banerjee *Palo Alto, California* Engineering and Applied Science

Jeffrey Evan Barrick Lubbock, Texas Chemistry

Philip Wesley Bell Atlanta, Georgia Chemical Engineering

Adam Peter Blake Riverside, Illinois Physics

Jeremy Todd Boulton Eugene, Oregon Engineering and Applied Science

Alan Harold Brothers *Dayton*, *Ohio* Engineering and Applied Science

Scott Samuel Woodruf Bruce Gilbert , South Carolina Engineering and Applied Science

Timothy Joseph Buschman *North Potomac, Maryland* Biology Scott Huai-Lei Carnahan *Niskayuna, New York* Mathematics Deanna Marie Carrick *Fort Mill, South Carolina* Biology

Christopher Chung-Tien Chang Palo Alto, California Mathematics

Jim Yu-Chen Chang Yorba Linda, California Engineering and Applied Science (Mechanical Engineering)

Kevin Zi-Jun Chao Alhambra, California Biology

Daniel Hung-Yeh Chou Tustin, California Mathematics

Herman Chow Singapore, Singapore Mathematics

Jason Han Chua Laguna Hills, California Biology

Steve Chung *Memphis, Tennessee* Engineering and Applied Science

James Edward Cooley Baltimore, Maryland Physics
Thomas Anthony Daula, Clen Rock, New Jersey, App.

Thomas Anthony Daula *Glen Rock, New Jersey* Applied and Computational Mathematics

Matthew Zachary Davis *Greenbelt, Maryland* Engineering and Applied Science

Yann Roger De Graeve *Palm Desert, California* Mathematics Charles Meno Theodore DeBoer *Omaha, Nebraska* Engineering and Applied Science (Mechanical Engineering)

Kristian-Carlo Capacillo DelaCruz Poway, California Engineering and Applied Science

Michael Edward DeSalvo Marrero, Louisiana Engineering and Applied Science (Mechanical Engineering)

Erik Andrew Dill Fenton, Michigan Chemistry

Benjamin Scott Driggs Oakton, Virginia Engineering and Applied Science

Robert Paul Enright El Cajon, California Electrical Engineering Dennis Ji-Bin Fong North Potomac, Maryland Physics

Martin Elias Gaitan *Miami, Florida* Engineering and Applied Science (Aeronautics)

Vladimir Gluzman San Francisco, California Mathematics

Benjamin John Gudlewski Mason, Ohio Physics

Antal Gyori Zalau, Romania Electrical Engineering

Anne Catherine Hanna Libertyville, Illinois Physics

Aren Nathaniel Heinze Houston, Texas Astronomy

Matthew James Higbie Acampo, California Engineering and

Applied Science (Mechanical Engineering)

Travis James Hime Houston, Texas Physics

Christopher Michael Hirata Deerfield, Illinois Physics

Vit Hradecky Prague, Czech Republic Physics

Katherine Eve Isaacs Baltimore, Maryland Physics

Eagle Sunrise Jones Ashland, Oregon Engineering and Applied Science

Kurt Arthur Klein Huntington Beach, California Geology

Adam Christopher Lichtl El Paso, Texas Physics

Megan Kathleen Linnehan Sebastopol, California Engineering and Applied Science

Bradley Kenneth McCoy *Lewistown*, *Montana* Physics Alice Alexandra Medvedev *Framingham*, *Massachusetts* Mathematics

Arjun Menon Trichur, India Astronomy

Daniel John Murphy Cortlandt Manor, New York Physics and Economics

Nhien Hao Nguyen Irvine, California Biology

Peter Thang Nguyen Ottawa, Ontario, Canada Chemical Engineering

Paul Michael Novak *Riverwoods, Illinois* Engineering and Applied Science (Mechanical Engineering)

Kathryn Midori Oseen-Senda Edmonton, Alberta, Canada Applied Physics

Hitaine Vipin Patel Gahanna, Ohio Economics

Sean Ariel Pintchovski Austin, Texas Biology

Lori Robison *Houston, Texas* Engineering and Applied Science Raphael Y. Rubin *Rochester, New York* Engineering and Applied Science

Dominika Rytwinska Warsaw, Poland Chemical Engineering Steven Edward Schell Colorado Springs, Colorado Engineering and Applied Science (Mechanical Engineering)

Denis A. Shcherbakov *Moscow, Russia* Chemical Engineering Yasufumi Shiraishi *Ithaca, New York* Engineering and Applied Science

Justin David Smith Waco, Texas Engineering and Applied Science

Kayla Elaine Smith Santa Cruz, California Biology Shannon Fisher Stewman Gibsonia, Pennsylvania Chemistry Serge Sverdlov Vacaville, California Engineering and Applied Science and Economics

Barney Oran Switzer *Nashville, Tennessee* Engineering and Applied Science

Ernest Kien-Keung Tong Fort Collins, Colorado Engineering and Applied Science

Andrew Tyler Tretten *Verdi, Nevada* Engineering and Applied Science (Mechanical Engineering)

Dela Tsikata Accra, Ghana Engineering and Applied Science Elizabeth Ruth Verschell Brooklyn, New York Physics

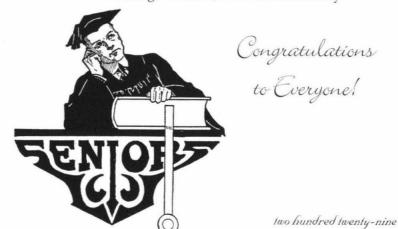
Lawrence C. Wang *Madison*, *Wisconsin* Engineering and Applied Science

Brian Watkins Austin, Texas Mathematics

Eric Chenjian Xu *Shanghai, China* Engineering and Applied Science

Jackie Sai Yue Yeung Arcadia, California Engineering and Applied Science (Mechanical Engineering) and Economics Eugene Zarakhovsky Los Angeles, California Engineering and Applied Science

Summer Ruonan Zhang Woodside, New York Chemistry



# Lost by the Wayside

**Safia Abidi** left school, got a job, moved to Boston, came back, learned too much about life, and is now studying to become a psychologist.

Owen Aftreth is returning to the fold in the fall of 2001. Gorjan Alagic.

Luis Armendariz likes this place...

**Tom Baehr-Jones**, after receiving his Ph98 grade, decided that his time would be better spent selling cat food over the internet than finishing at Caltech.

**Jennifer Caron** took time off and will be graduating in June 2003.

Ronnie Chen left 3rd term 1999, returned 2nd term 2000, left again sometime after that and is presumed to be living in Pasadena.

Steve Craver was lost to Dot Coms, etc.

**Dale Debakesy** transferred to UCSD and then Stanford frosh year, and is now married.

Tim Elling will be graduating in June 2002.

**Cheryl Forest** was done late June 2001 and will be walking in June 2002.

Nathan Heick transferred junior year to study environmental science elsewhere.

**David Hockaday** took one year sabbatical to tour with Vanilla Ice.

Andrew Hon transferred to Cal sophomore year.

Wook Jin Hwang took a year off (99-00), explored an alternative career at the Hockaday School of Plumbing, and will graduate soon.

Tanim Islam.

Jennifer Lin transferred after frosh year.

Daniel Kim will be walking in 2002.

Hosein Kouros-Nehr graduated June 2000, that throat.

Ben Kulick was gone for a year.

Kenneth Kuo will be graduating in June 2003.

Sang Ah Lee.

Caroline Lim graduated in June 2000 – another throat.

Edward Little.

**Jacob Lundberg** transferred to a school in Oregon frosh year.

Michael MacDonald took a year off and is back.

**Dan Marrone** transferred to the University of Minnesota frosh year, got married, and is now a graduate student at Harvard.

Andrea McColl will be either graduating in 2003, or headed off to UCLA to study Linguistics. The Moral: Never underestimate the power of UASH...

**Noel McGuiness** is a Dabney permafrosh.

Jordan H. Miller took a year off to travel around the world and is currently working for a Wall Street hedge fund. He will be studying neuroscience at Cambridge university in the fall of 2001 and will graduate Tech in 2002.

**Madeleine Price** took a year off in 1998-1999 and will be graduating in June 2002.

**Loban Amaan Rahman** took senior year off and will be back next year to finish.

Neal Reeves.

David Rosefielde passed away in 1998.

Roxanna Sadri transferred frosh year.

Joseph Schaeffer will be graduating in 2002.

**Ryan Scharm** left third term sophomore year and has been back.

**Kevin Shand** will be done in December 2001 and will walk in June 2002.

**Linda Sharkey** transferred frosh year to Oklahoma University.

Ben Solecki just sucks a whole lot.

Ali Soleimani is still here.

**James Turpin** will be done in December 2001 and will walk in June 2002.

Dvina Valainis.

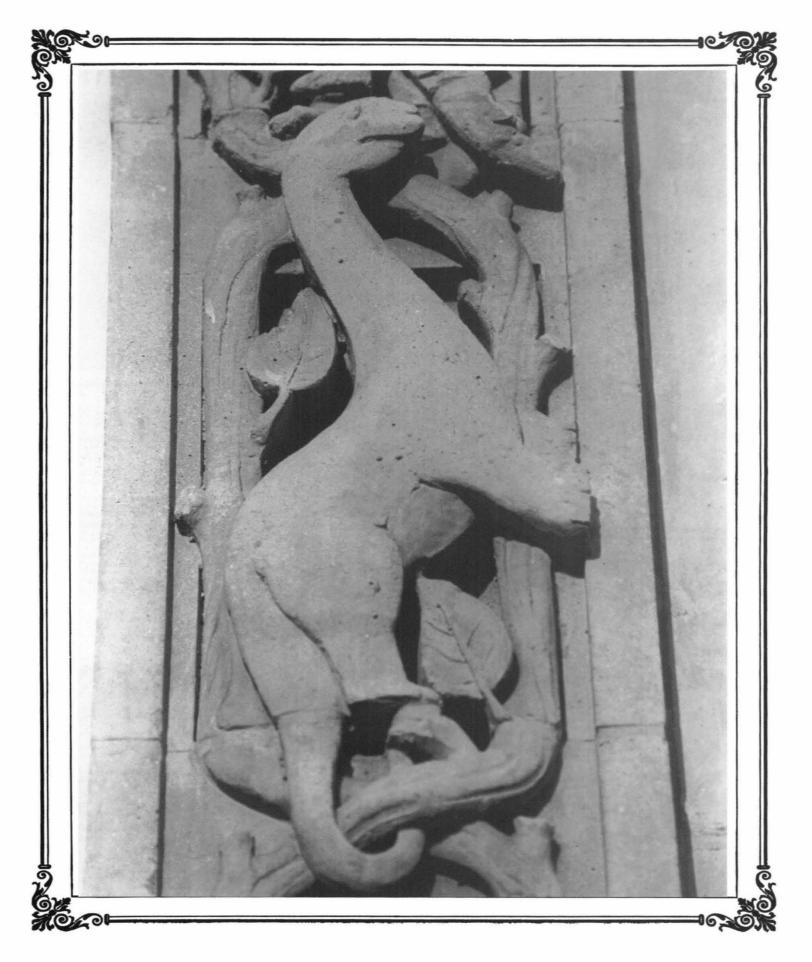
**Travis Waddington**'s location from March 1999 - March 2000 was unknown.

McHenry "Trae" Wallace III left for the allure of easy Dot Com cash.

**Sam Williams** went to Cornell for a semester in 2000 and came back in the fall. He'll graduate in June 2002 with a degree in badminton.

Yvette Winn was the official ASCIT florist for a while.

David Zaragoza.



Dumor

# A Note of Explanation

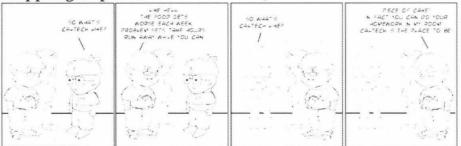
In the 1920s, perhaps a happier and more frivolous era, the Big T always concluded with a Humor section. Some editorial staff member spent a year gathering mostly tasteless jokes to stick in with the advertisements at the end -- presumably to get more people to look at the ads.

Well, we didn't have a humor editor, and our senses of humor are questionable at best, but we wanted to bring back the tradition anyway. So we stole most our content. We hope you enjoy this section and get a chance to look at some of the ads. I'd ask you to patronize our sponsors, except they're all in-house agencies that you probably have to patronize whether you want to or not. But next time you get five blue slips in the mail, be sure to compliment the Deans on their ad in the Big T. Flattery gets you everywhere, plus it might convince them to buy a full page next year.

#### Caltech seen through comics in the Tech -- Then and now

Crippling Depression

by Mike Yeh, Ben Lee & Tim Wan



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#### Top Ten Differences Between Caltech and Hell

- 10. Everybody's heard of Hell.
- 9. There are plenty of women in Hell.
- 8. Judith Goodstein, Nate Lewis, and Ecphonema aren't in Hell... yet.
- 7. Interesting people go to Hell.
- 6. The fire code is less strictly enforced in Hell.
- 5. It's easier to make it out of Hell.
- 4. Less cats in Hell, but more three-headed dogs.
- 3. You wouldn't wish an eternity of Caltech on even your worst enemies.
- 2. Even Darbs want to wear shoes in Hell.
- 1. Hell's yearbook comes out on time.

#### "LOVE IN REVERSE"

They met. His heart leapt. "I love you," he cried.

"Me, too, hey," she cried.

"Tell me," he cried, "are you a girl of expensive tastes?"

"No, hey," she cried, "I am a girl of simple tastes."

"Good," he cried, "for my cruel father sends me an allowance barely large enough to support life."

"Money does not matter to me," she cried. "My tastes are simple, my wants are few. Just take me riding in a long, new, yellow convertible and I am content."

"Goodbye." he cried, and ran away as fast as his chulbly little.

"Goodbye," he cried, and ran away as fast as his chubby little "Goodbye," he cried, and ran away as fast as his chubby little legs could carry him, for he had no convertible, nor the money to buy one, nor the means to get the money, short of picking up his stingy father by the ankies and shaking him till his wallet fell out.

He knew he must forget this girl but, lying on his pallet at the dormitory, whimpering and moaning, he knew he could not. At last an idea came to him: though he did not have the money to buy a convertible, perhaps he had enough to rent one! Hope reborn, he rushed at once to an automobile rental company and rented a yellow convertible for \$10 down plus 10¢ a mile, and with many a laugh and cheer drove away to pick

a mile, and with many a laugh and cheer drove away to pick



"Oh, goody," she said when she saw the car. "This suits my

"On, goody," sae said when sae saw the cat." Ins suits my simple tastes to a "T. Come, let us speed over rolling highways and through bosky dells."

And away they drove. All that day and night they drove and finally, tired but happy, they parked high on a windswept hill. "Mariboro?" he said.

"Yum yum," she said.

Tunn yun, see sau.

They lit up. They puffed with deep contentment. "You know," he said, "you are like a Marlboro—mild and fresh and relaxing."

But there is a big difference between Marlboro and me," she

"But there is a big difference between Mariboro and me," she said, "because I do not have a Selectrate filter nor do I come in soft pack or flip-top box."

They laughed. They kissed. He screamed.
"What is it, my dear," she cried, alarmed.
"Look at the speedometer," he said. "We have driven 200 miles and this car costs 10¢ a mile and I have only \$20 left."
"But that's exactly enough," she said.
"Yes," he said, "but we still have to drive home."
They fell into a profound gloom. He started the motor and backed out of the parking blace.

Hey let into a protoning option. He started the motor and backed out of the parking place.

"Hey, look!" she said. "The speedometer doesn't move when you're backing up."

He looked. It was true. "Eureka!" he cried. "That solves my problem. I will drive home in reverse. Then no more miles will register on the speedometer and I will have enough money to pay!"
"I think that's a marvelous idea," she said, and she was right.

Because today our hero is in the county jail where food, clothes and lodging are provided free of charge and his allowance is piling up so fast that he will have enough money to take his girl riding again as soon as he is released.

Backward or forward, a fine, new experience in smoking by yours from the makers of Marlboros—the unfiltered, king-alse Philip Morris Commander. Welcome abourd!

#### CONGRATULATIONS!

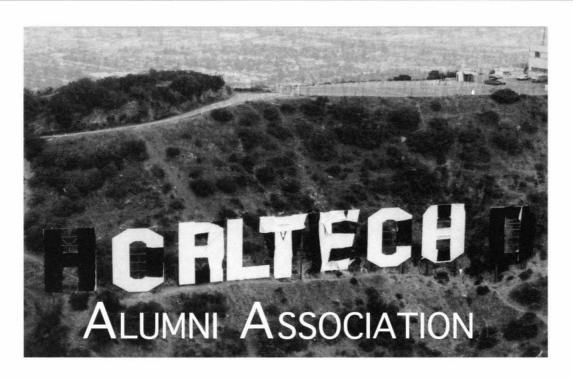


The Dean of Students wishes good luck to the class of 2001.

GOOD COURSE to take is the one that leads to the King of Beers. Next time you're away from the books, enjoy a refreshing glass of

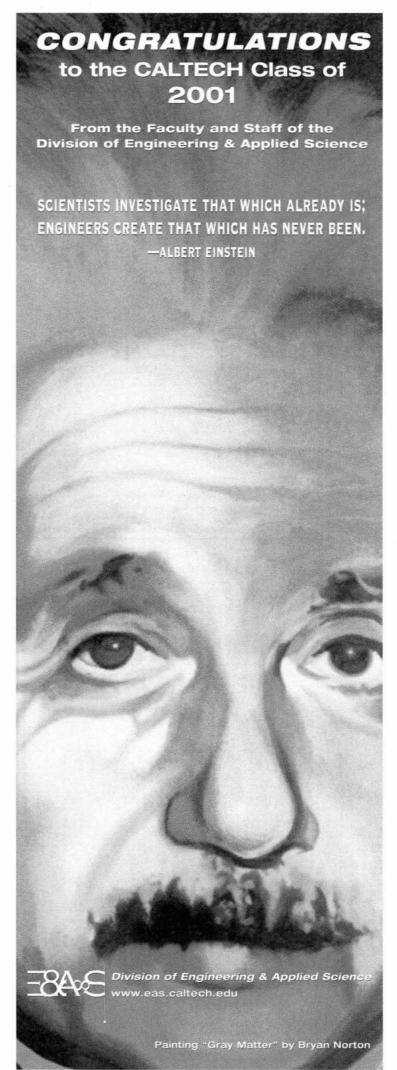


Where there's Life...there's Gurt®



Congratulations to the Newest Alumni: The Class Of 2001

from the Caltech Alumni Association



#### REFLECTIONS ON GUM

by Jason Cardema

You are walking along the sidewalk when you notice it. A rubbery, discolored pimple on the concrete. Gum. It is everywhere, a permanent fixture in today's urban landscape.

How did gum get from someone's mouth to the ground? I couldn't imagine people disposing of gum by knowingly dropping it there. Did they expect it to evaporate along with the rain puddles? Or maybe they thought there existed a special Gum Division of the local sanitation department, equipped with floor scrapers, pliers, and blowtorches. Littering with gum is littering of the worse kind. It's hazardous waste. At least when you step on a candy bar wrapper, it doesn't stay attached to your shoe. You don't need to scrape it off with your pocketknife.

If people didn't consciously drop the gum on the ground, could the act have been accidentally done? Maybe they were chewing with their mouth open and the gum just happened to fall out. But how could they not have noticed that? Did they keep chewing until their tongue started to hurt? If they were walking along the sidewalk, by then it would have been too late to pick the gum up. Maybe some of the gum came from people who like to save gum by sticking it behind their ear. In that case, of course, it would have fallen off, since the skin there is slippery.

I can't imagine them willfully littering and I can't imagine them accidentally dropping the gum. I can come up with only one conclusion — the gum was placed on the ground on purpose, for artistic reasons. Perhaps some people think that all the purples, greens, reds, oranges, and blues of bubble gum are a perfect medium to use in beautifying the urban environment, much like graffiti art. And like graffiti artists, they choose to do their work in secret, when no oneis watching, leaving their art there for the world to see, while they rest in obscurity.

The other day I was waiting to cross the street when I happened to look down. There they were, on the crosswalk, three pieces of old gum (red, green, and black), arranged about four inches apart, in a perfect triangle. Thinking that this configuration was highly unlikely to have been achieved by chance, I admired the gummy artwork as something reminiscent of the early Dadaist style — simple yet insightful. The triangle, as well as the number three, has always been regarded in the western world as a symbol of perfection. Perhaps this artist was saying that perfection can be created out of something as insignificant as old gum.

Often I see only a single piece of gum stuck to the sidewalk. Most of the time, the gum is either black or white, making me wonder about the effects of time and the elements on these art forms. Perhaps the fading of color is something the gum artist considered. Then the single piece on the sidewalk is symbolic of the self— all alone in a rough, concrete world, victim of the sun and rain that slowly beats away the once vivid reds and blues, turning them to colorless gray. Whenever I see such a piece now, I am reminded of my own temporal existence.

I can picture the gum artist — a shaggy, disheveled bohemian with a passion for art and an addiction to gum. He creates his artwork when no one is looking. He walks up and down the streets, searching for the sidewalk square with just the right personality. He always carries packs of Strawberry Splash, Sour Apple, and Major Melon in his pocket because he never knows when inspiration will strike.

The potential for this new form of art is staggering. Some day, I would like to see a gum mural — perhaps a pastoral scene or a portrait of some important figure who has made a significant contribution to freedom, equality, or labor unions. I can imagine entire city blocks where unique gum art is featured in each sidewalk square. With gum art, our city will be a better place to live in. The once arduous walk to school will now be an enjoyable stroll through an urban art gallery. People will no longer look at gum stuck to sidewalks with disgust, but rather with appreciation for its beauty. The gum artists, once viewed only as delinquents, will now be universally regarded as inspired souls with a message. Never again will gum art be confused with senseless littering.

# From Gordon Moore's Graduation Speech

"And of course the pace of science and engineering is still quickening. We're in the midst of explosive growth in the understanding of biological systems and processes and with corresponding improvements in our ability to control what happens in orgasms, and... uh, organisms... I have trouble with biology."



**PROGRAM** 

The Summer Undergraduate
Research Fellowships program
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Students experience the process of research as a creative intellectual activity and gain a more realistic view of the opportunities and demands of a professional research career.

Fo more information go to: http://www.its.caltech.edu/~surf/ or phone 626.395.2885



# From the Tech of the Early 1960s...

# Frosh Reveal Inhibitions

BY DAN ENTINGH

A poll was recently conducted among the frosh at MIT and CIT. The poll consisted of a single question: "If you graduate from this school after four years, which half of the class will you be in?"

Careful research indicated that 95 per cent of the MIT frosh will graduate in the upper half of their class. Seventy per cent of the Caltech freshmen will be in the lower half of their class after four years.

The poll illustrates one of two things: Caltech is the roughest school in the world, and MIT frosh are the brainiest frosh in existence. Actually the poll proves only that 45 per cent of MIT men are liars, while no more than 20 per cent of Caltech men lie consistently.

However: 140 Caltech freshmen can't be wrong; the faculty will undoubtedly find a way to put 70 per cent in the lower half of the class.

# Scurves Win IH Trophy

With a fourth place finish in basketball. Ricketts has cinched the InterHouse Trophy. Scurves have already racked 102 trophy points and have a 21 point lead over second place Ruddock with only one sport to go. If Ricketts even fields a team in volleyball, the last InterHouse sport, it will receive 3 trophy points and even a first place finish by Ruddock in volleyball will leave them shy of the Ricketts total. So far this year, the Scurves have taken a tie for first place in softball, second in swimming, fourth in tennis, first in football and first in

Ruddock has taken over second place from Lloyd by picking up 18 points in basketball while the Lloydmen were finishing a dead last. Ruddock has 81 trophy points while Lloyd has 78. The current InterHouse standings are:

House	Trophy Points
Ricketts	102
Ruddock	81
Lloyd	78
Page	
Dabney	69
	51
Blacker	51

#### STUDENT AFFAIRS OFFICE

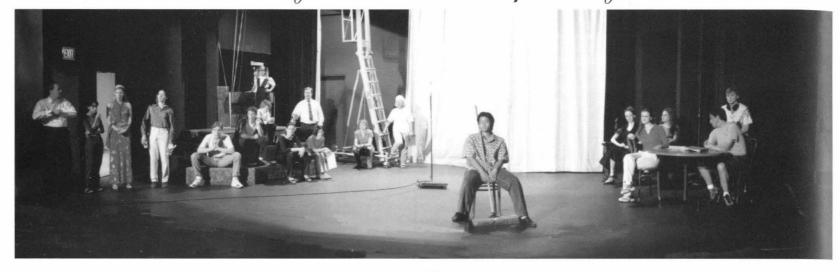


Congratulates Seniors

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.

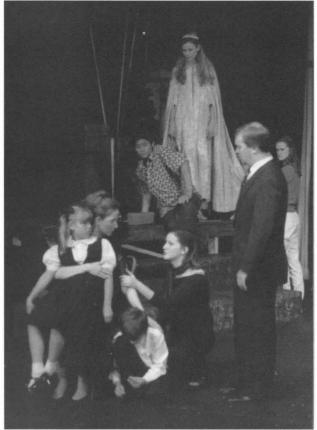
# TACIT congratulates all of our graduates

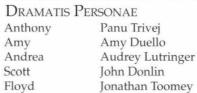


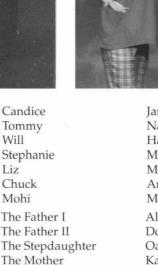
SIX CHARACTERS IN SEARCH OF AN AUTHOR













Craig Peterson

Lisa Bramwell

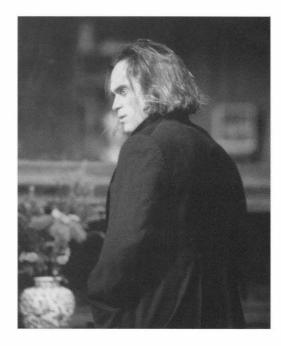


#### DRAMATIS PERSONAE

Jorgen Tesman Mrs. Hedda Gabler Tesman Karen Kåhler Miss Juliane Tesman Mrs. Thea Rysing Elvsted Judge Brack Eilert Lovberg Berte

Georgios Zamanakos Marjorie Schmeltz Oana Tocoian Robert Parker Adam Burgasser Siobhan Jess





# Hedda Gabler





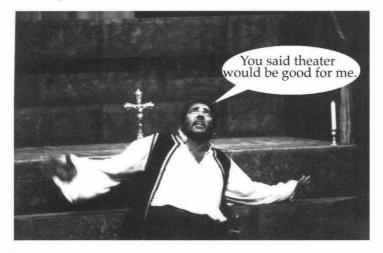




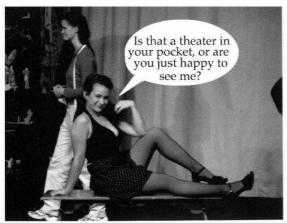


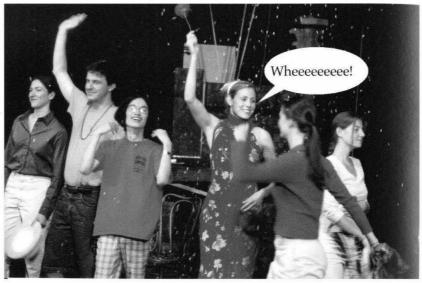
two hundred thirty-seven

#### Always Remember: THEATER is GOOD for you!













Love, Shirley





two hundred thirty-eight



Back Row: Christian Thomas, Helen Claudio, Andrew Hafer, Nathan Flowers-Jacobs, Yuki Takahashi. Front Row: Bryan Eastin, Elisa Chiang, Celeste Yang.

Congratulations to the Class of 2001!

#### The **Caltech Y** will really miss you! Thanks for your help to Make a World of Difference!

# SOME HUMOR EXCERPTS FROM THE 1920s BIG T's

Father—"So you know my son up at Tech?"

Frosh—"Sure, we sleep in the same Chem class."

"I'll teach you to kiss my daughter."

"Thank you, I'm doing nicely."

Gwendolyn—"What makes your hair look so peculiar? Is it bobbed?" Carolyn (in a very disheveled state)—"No, Tommed."

Census Taker (to a middle-aged spinster)—"And what is your age, madam?"

Spinster (coyly)—"I've seen just twenty-five summers."

C.T.—"How long have you been blind."

Father—"I never kissed a girl until I met your mother. Will you be able to say the same to your son when you are a married man?"

Son—"Not with such a straight face as you can, father."

The happiest man in the world sits on a saw horse in a small padded room and thinks he's Napoleon

She: Don't you think that talkative women are the most popular?
He: What other kinds are there?

Viji—"I once knew a man that stayed at home with his wife every night for thirty years."

Jason—"Say, that was true love." Viji—"No. He was paralyzed."

Father (greeting wayward daughter at 3 a.m.)—"Good morning, child of Satan."

Daughter—"Good morning, Father."

Old Lady (to student)—"Young man, don't you know when you have had enough?"

Eric—"Madame, I don't know anything when I've had enough; I'm unconscious."

Ath Patron—"I want some raw oysters. They must not be too large or too small; not too salty or too soft. They must be cold and I want them in a hurry."

Student Waiter—"Yes, sir. Will you have them with or without pearls, sir?"

#### H 0 u S g

# Congratulatio



Mail Services



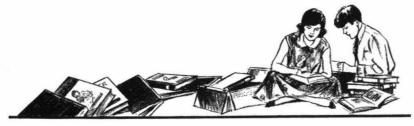




Services



Thanks for letting us serve



The Caltech Bookstore

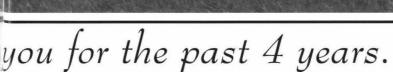
# us, Graduates!











From,

Your Friends at Caltech Auxiliary and Business Services



# Congratulations!

## We think you're terrific! Residence Life and MOSH's Office



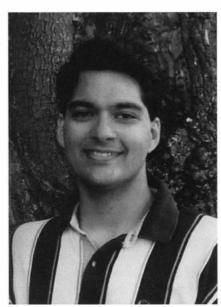
Weng Ki Ching, Ph.D. Environmental Engineering and Aeronautics Resident Associate



Tina Salmassi, Ph.D. Environmental Engineering and Chemistry Resident Associate



Mark Duttweiler, Ph.D. Mechanical Engineering Resident Associate



Ashok Tripathi, Ph.D. Mechanical Engineering and Materials Resident Associate



Mandy Booth, B.S. Geochemistry Student Employee

#### EXCERPTS FROM THE RULINGS OF THE COURT OF TRADITIONS

For more information on the Court, please see the BoC page in The Institute section

The Court of Tech Traditions held on the afternoon of December 7, 1922 was the first meeting of the Court to try Freshmen. The following frosh were found guilty:

Frosh Jaffray was convicted of neglecting to shave. The Court held that because he considered the growth fuzz, was not sufficient cause for this great negligence on his part. He was sentenced to shave publicly on the steps of Throop Hall at 12.30 p.m. on the afternoon of December 12, 1923.

Frosh Kaye was convicted of smoking other than a corn cob pipe on campus. The Court held that his ignorance of the fact that the football field was a part of the campus made his offence more serious. He was sentenced to wear a sign all day to his classes reminding everyone that he was caught smoking a cigarette and would never do it again.

Frosh Kemp was convicted of neglecting to appear with a clean shaven face. The Court held that the failure to get up in time to shave was the worst of crimes for Tech men. His punishment was to bathe Apollo's pedal extremities for twenty minutes on the afternoon of December 11, 1923.

The next meeting of the Court was on January 28, 1923.

Frosh Bawbell was convicted of absolute refusal to buy and wear the traditional Frosh cap. The Court considered this offense very serious and sentenced him to the stocks for three hours on February 1, 1923.

Frosh Heilbron was convicted of forgetting to wear his cap. He was sentenced to sweep the walk between the Dormitory and Throop Hall on the afternoon of February 2, 1923.

Frosh Penfield, Parker, and Milne were dismissed due to the fact that they made an extra effort to get their caps back after losing them.

The third meeting of the Court was held on the afternoon of February 15, 1923.

Frosh Johnson was tried and found guilty of ditching assembly. Due to his rebellious conduct at the trial the Court decided on a very severe punishment. He was hobbled for the day of February 20, 1923.

Frosh Penfield was sentenced to two hours of extra work on the track on February 22, 1923. He was found guilty of wearing a necktie which was red.

Another common sentence in the 1920s was guard duty in Throop Hall – walking up and down the halls all day and sounding the hours.



#### THE OLD FIGHTING SONG

Oh, if I had a daugher I'd dress her up in green, And send her over to Oxy to coach the football team. And if I had a son, sir, he'd go to Tech, 'tis true, And he'd yell, 'to Hell with Oxy,' like his daddy used to do.

# Congratulations, Graduates! Good luck in all your future endeavors!!!

From the Office of the President

# GRADUATING CLASS!!!



CONGRATULATIONS, CHEERS AND CONTINUED SUCCESS IN YOUR ENDEAVORS...!!!

From Institute Relations





#### Final Note and Thanks

I am quite indebted to a number of people for the completion of this yearbook. I took over its helm at the end of third term 2001, after the resignation of the original Editor and Business Manager, and had to start completely from scratch. The only reason the book was finished in three months and will have arrived to you reasonably on-time (i.e., first term 2001) is that I was blessed with a solid editorial team.

I wish to thank first and foremost the many friends who I swindled into assisting on this horrible project. Many of them thought they'd be contributing but a few hours' worth of work, but several ended up forsaking most of their real, paying jobs just to get the thing finished. Jason in particular put in far too many hours and was much more than just a photographer. I'm lucky that he cares so much about how his pictures will be presented. Viji did much more and put up with much more than she should have. Mona was a solid general editor and Laura had to deal with all of the House historians while supervising and correcting a hundred pages. Kevin worked very hard on the Athletics section with the help of Rachel and many others and did a great job. Rumi put together the Activities & Organizations page by working late nights for a week, and Elise and Daina did a very nice job with the Year section. Thanks also to Ted Jou for the ASCIT formal page, to Cheryl Forrest for Lost by the Wayside, and to Anthony for following us around to pose in every division photo.

Thanks to all of our photo subjects, from profs to administrators to post-docs to students for being such good sports. Thank you to Public Relations (especially Bob Paz and Linda Bustos) for supplying many photos, and to Graphic Arts (Ben and Anna). Other photo contributers: The Caltech Archives, Erik Dill, Joe Jewell, Joe Kirschvink, many previous editions of the Big T, and of course the photography staff of Jason Cardema & Viji Balaraman.

The cover was created with the patient help of both the Insitute Archives and the dental office of Dr. Kates (located on Lake and Del Mar, next to Baja Fresh) who was able to make a mold of a rare casting of the Caltech seal with special dental material.

We had a lot of ideas for the Big T this year. We were able to implement some of them, but time contstraints prevented us from completing the yearbook we fully envisioned. Nevertheless, we're fairly proud of what we accomplished, and completely sick of it. We hope that you derive some enjoyment from what lies between these covers, whether now or fifty years down the road.

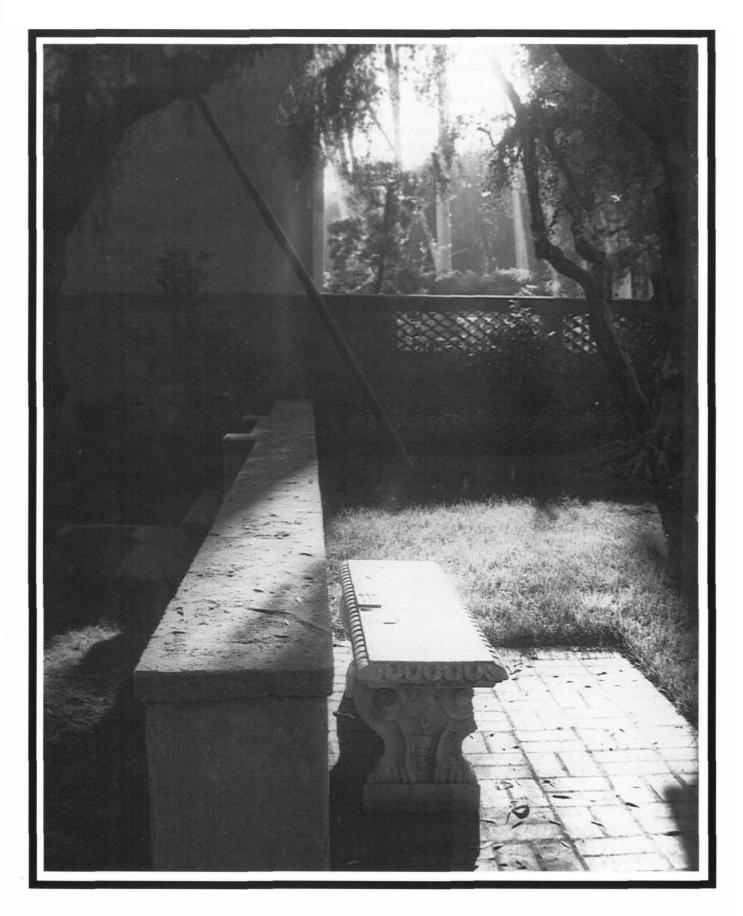
Cheers, Eric



### Colophon

The Big T is published more-or-less annually by the Associated Students of the California Institute of Technology, Inc. The 2001 Big T is printed by Taylor Publishing Company of Dallas, TX with a press run of 1000 copies at 248 pages. The book was produced using Adobe PageMaker and Adobe Photoshop.

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FINIS