VOLUME CIV, NUMBER 1

Pasadena, California

SEPTEMBER 27, 2002

## Frosh Return from a Week of Camp

By TAMMY MA

For the third year, frosh, upperclassmen transfer students, staff, faculty, and Upper Class Counselors descended on the Desert Sun Science Center Astrocamp in Idyllwild, California for Caltech's annual New Student Orientation Camp.

In what has now become a Caltech tradition, frosh are put into a stress-free environment in which they have three days to meet each other and learn about the school's rules and the honor code.

Frosh camp is designed to include a mix of outdoor activities, team-building exercises, and talks from members of ASCIT, Board of

Control representatives, Conduct Review Committee members, and Challenges and Choices members. The aim is to allow the freshmen to become familiar and comfortable with the Caltech atmosphere and to introduce them to members of the Caltech com-

Similar to the previous two years, Challenges and Choices did skits illustrating academic and social problems and solutions.

The Ropes Course was a favorite among many camp participants. It included teambuilding exercises such as trying to move everyone on the team from one platform to another with only a rope swing and a limited number of swings or lining up on a log in

order of birthdate without talking. Other games like moving across a low (and highly unstable) rope course built confidence and trust.

In the engineering design competition, each group of frosh was given a box of "junk," from which a boat had to be constructed that could get across the 10-foot pool the fastest. The competition was enjoyed by all, although at times competitive feelings ran deep. The different designs showed great ingenuity and creativity.

On the last night, nearly all the frosh attended a dance party DJ'd by Caltech's own 4Elements group. It was a good chance for the frosh to relax and party before the pressures of school begin building

Frosh were also entertained by the annual talent show. Students showed off their instrumental skills, comedy acts, and beautiful voices.

Astrocamp is designed to give the new students time and a supportive environment to adjust to being away from home and being around other Techers. The class was able to bond over the common experience of doing the ridiculous and difficult activities together.

The frosh and transfers enjoyed the unique experience and came back rejuvenated and



Amid donuts and coffee, frosh prepare to leave for Frosh Camp early Monday morning. Miling Yen and Abby Crites share looking forward to the laughs and conversation in anticipation of meeting other freshnext four years at Tech. men and Astrocamp fun.

# Broad Center Grand Opening at Caltech

The California Institute of Technology will dedicated the new Broad Center for the Biological Sciences at 4 p.m, September 10, on Wilson Avenue, just south of Del Mar, at Caltech in Pasadena.

cited as the frosh about going to frosh camp.

Upperclass counselors Eric Peters and Tony Nannini are as ex-

The building, which was recently completed and is just now being populated, will be the site of 13 key research groups that will help the Institute maintain the extraordinary pace of discovery and innovation for which it is renowned. The center's critical areas of investigation will be magnetic imaging, computational molecular biology, and investiga-

tion of the biological nature of consciousness, emotion, and perception.

Principal funding for the building was provided by a gift of more than \$20 million from Edythe and Eli Broad. Eli Broad is chairman of SunAmerica, and has been a Caltech trustee since 1993.

"Biotechnology, more than any other scientific discipline, has the greatest potential to significantly improve the human condition," said Broad. "Just as the 20th century was a period of major advancement for chemistry and physics, the 21st century will be the golden age for biology. For that reason, my family and I are proud to support Caltech's scientists and their groundbreaking work that will no doubt take place in this building.'

part of a \$100 million fund-raising effort for the biological sciences at Caltech.

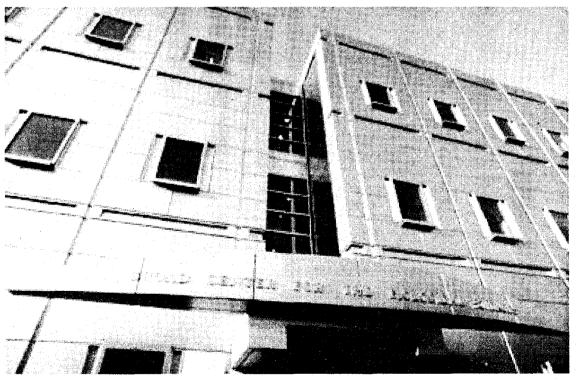
Speakers at the opening include David Baltimore, president of Caltech; Benjamin Rosen, chairman of the Caltech Board of Trustees: Allen Rudolph, principal with Rudolph and Sletten, the construction company: Elliot Meyerowitz, chair of the Division of Biology and a biology professor; and

The Broad Center adds a distinguished architectural achievement to Caltech's already beautiful campus," said Baltimore. "It is a testament to the generosity of many friends of Caltech, led by Eli and Edye Broad, and to the genius of James Freed, its design architect. Most importantly, it's a highly functional building, providing a framework for advances in the biological sciences in the 21st century."

The building's lead designer was James Freed of Pei Cobb Freed & Partners, a firm

ner of campus, near the Beckman Institute. Measuring 120,000 square feet, with three floors above ground and two below, the building includes laboratories and offices for 13 research teams, as well as conference rooms, compact libraries, an auditorium, and a seminar room. The latest modular design elements have been used to allow the greatest flexibility for rearranging labs and offices to accommodate future needs at minimum cost. The square modern design is intended to maximize scientific interaction within.

The building contains several major re-



N. Pratt/Caltech Archives

The Broads' gift was The new Broad Center for the Biological Sciences will be home to 13 research groups, each focusing on the biological sciences.

known for its work on the U.S. Holocaust Memorial Museum in Washington, D.C.; the Museum of Modern Art in Athens; the Miho Museum of Shiga, Japan; the Rock and Roll Hall of Fame and Museum in Cleveland; the Grand Louvre in Paris; and the Morton H. Meyerson Symphony Center in Dallas.

The Broad Center is on the northwest cor-

search facilities including an imaging center and a biomolecular structures laboratory.

A mall covered by red Chinese pistache trees lines one side of the building. The building's south-facing external wall, which is adjacent to the Beckman Institute, is travertine, while the other exterior walls are covered by embossed stainless steel.

## U.S. NEWS RANKS **CALTECH FOURTH AMONG COLLEGES**

2003 rankings place Caltech at the top in a variety of programs

By TAMMY MA

In the 2003 edition of the U.S. News & World Report: America's Best Colleges guide, the California Institute of Technology ranked number four among over 1,400 four-year colleges, only coming behind Princeton University (first), Harvard University and Yale University (both second). Tied with us were Stanford University, Duke University, the University of Pennsylvania, and the Massachusetts Institute of Technology.

The rankings, which grade the institutions on a combination of academic reputation, student selectivity, student-faculty ratio, freshmen retention rate, proportion of classes under 20, cost, alumni giving, graduation rate, and financial resources, placed Caltech among 249 other schools in the prestigious Best National Universities category.

Other rankings Caltech achieved included Great Schools at Great Prices (first), Best Undergraduate Engineering Programs (third), Best Aerospace/Aeronautical/Astronautical Programs (fifth), Programs That Really Work--Undergraduate Research/Creative Projects (sixth), and Campus Diversity--Percentage of International Students (10th).



## Caltech-MIT Team Finds 35% Improvement in Florida's Voting Technology

If one measures election success by equipment performance alone, Florida's push to get new voting equipment on-line for the 2002 election appears to have paid off.

Compared with the performance of equipment in past Florida state primary elections, the new technologies for casting and counting ballots look like clear improvements according to experts at the California Institute of Technology and the Massachusetts Institute of Technology. Researchers from the Caltech/MIT Voting Technology Project calculated the rate of residual votes (ballots on which no votes or too many votes were recorded) for the largest counties in Florida for the 2002 Democratic Gubernatorial Primary and for the last three Gubernatorial General Elections in Florida (1990, 1994, and 1998). These counties are Brevard, Broward, Duval,

in Brevard and Duval counties, which switched from punch cards to optically scanned paper ballots. The remaining counties purchased new touch screen or Direct Recording Electronic (DRE) machines. All of the counties show some improvement in their capacity to record and count votes.

"These results are very encouraging," said Stephen Ansolabehere, a professor at the Massachusetts Institute of Technology and co-director of the project. "Florida made a major effort to upgrade its technology and, in the primary, the machines used showed clear gains over the technologies in past elections."

Professor Charles Stewart, another MIT professor working on the Voting Technology Project, cautions that "the success of an elec-

Residual Vote Rates for Governor in the 7 Largest Florida Counties									
Do	2002 emo. mary	Voting E	Equipment		Residua	te			
		2002	1998	Ave.	1998	1994	1990		
					General	General	General		
Brevard	1.0%	Scanner	Punch	4.2%	2.6%	4.5%	5.4%		
Broward	2.0	DRE	Punch	2.6	2.7	1.9	3.3		
Dade	3.0	DRE	Punch	3.2	4.0	2.7	3.2		
Duval	2.2	Scanner	Punch	3.4	3.1	2.5	4.5		
Hillsborough	1.6	DRE	Punch	2.3	2.7	1.9	N/A		
Palm Beach	2.3	DRE	Punch	3.1	3.7	2.3	3.3		
Pinellas	1.9	DRE	Punch	2.2	2.3	1.9	2.3		
Total	2.0		3.1						
Source: Florida Division of Elections and county election offices of each county.									

Hillsborough, Miami-Dade, Palm Beach, and Pinellas.

The residual vote rate, it appears, has been substantially reduced as a result of the election reform efforts of the past year. On average, 2.0 percent of Democratic voters recorded no vote for governor in these seven counties. In past elections, the average has been 3.1 percent. This is a 35 percent improvement in performance.

The largest apparent improvements came

tion cannot be measured solely in terms of equipment performance. Current events in Florida also illustrate how better technology is just a first step in improving the functioning of democracy." Stewart said, "Most of the problems reported by journalists covering the 2002 Primary Elections in Florida did not concern equipment malfunctions, but problems encountered preparing for election day, such as training poll workers."

R. Michael Alvarez, co-director of the Vot-

### THE OUTSIDE WORLD

By Tamniy Ma

Where

in the

World

#### West Nile Death Toll Increases

The Center for Disease Control reports that 2,072 people have been diagnosed with the West Nile Virus in the United States this year, and there have been 98 reported deaths. Mosquitoes carry the virus, but the CDC has said it appears likely that some people contracted West Nile through organ transplants and blood transfusions. Blood banks are taking special precautions to weed out donors who may have symptoms of the virus. It is estimated that tens of thousands of people nationwide have contracted the virus, but most

are never diagnosed and most people experience few or no symptoms. Many states have launched public awareness campaigns encouraging people to wear long pants and sleeves when outside, and to use bug spray with DEET.

### U.S. Forces Dispatched to Protect Americans in Ivory Coast

About 200 schoolchildren and

ing Technology Project and professor of political science at the California Institute of Technology, said "As counties and states across the country, especially here in California, plan out similar changes, we are learning important lessons about how to make such important changes in voting technologies."

"The one distressing thing, though, are the reports from Florida that polling place workers had difficulties getting some of the new voting machines up and running on election day in Florida, and that as a result, some voters might have been turned away from the polling places. These reports reinforce our calls for more polling place workers and better training of polling place workers, as they provide a critical role in making sure that all votes are counted," Alvarez said.

MIT's Stewart adds "The fact that the congressional election reform bill is currently stalled in a House-Senate conference committee hasn't helped matters any."

The Caltech/MIT Voting Technology Project is a non-partisan research project, formed to study election systems following the 2000 presidential election and sponsored by the Carnegie Corporation.

staffers from a boarding school were trapped in military crossfire outside the city of Bouake on Tuesday. U.S. Special Forces have been dispatched to the Ivory Coast to protect these and other Americans in Ivory Coast towns. Violence broke out in Ivory Coast when insurgents revolted in Abidjan last Thursday. They had been deemed disloyal and let go from the army, and their revolt quickly spread. At least 270 people have been killed and hundreds more wounded in the violence nationwide.

# Fire near Los Angeles Sends Smoke over the City Spread over 11 miles of the San Gabriel

Spread over 11 miles of the San Gabriel Mountains, the fire has destroyed over 44 cabins and homes and threatens hundreds of others. As of Wednesday, the fire has already spread to over

23,000 acres, and only 8% has been contained. Authorities are investigating the cause of the fire that began on Sunday.

#### Terrorist Threat Alert Scaled Back

On Tuesday, President Bush approved the decision to scale the government's threat assessment down to "elevated" from its previous level of "high." This means the colorcode is dropped from orange to yellow. The higher threat alert had been put into affect surrounding the anniversary of the September 11 terror attacks. The decision was based on a review of intelligence and an assessment of threats, and the recent arrest of six men who are alleged to have provided material support to al Qaeda.

#### Man Rescued after Four Months at Sea

62-year-old Richard Van Pham was rescued by a U.S. Navy frigate off the coast of Costa Rica last week, after staying adrift at sea for four months in his crippled sail boat. Van Pham had set out for a trip between Long Beach and Catalina Island when high winds broke his mast. He survived by eating fish, catching seagulls, and drinking rainwater collected in a bucket.

# MacArthur Foundation certifies two Caltech professors, Charles Steidel and Paul Wennberg, as geniuses

PASADENA-Two members of the California Institute of Technology faculty have been named MacArthur Fellows, a prestigious honor bestowed each year on innovators in a variety of fields and commonly known as the "genius grants."

Charles Steidel, an astronomer, and Paul Wennberg, an atmospheric scientist, are two of the 24 MacArthur Fellows announced today by the John D. and Catherine T. MacArthur Foundation of Chicago. Each of the 24 recipients will receive a \$500,000 "no strings attached" grant over the next five years.

Steidel's expertise is cosmology, a field to which he has made numerous contributions in the ongoing attempt to understand the formation and evolution of galaxies and the development of large-scale structure in the universe. In particular, Steidel is known for the development of a technique that effectively locates early galaxies at prescribed cosmic epochs, allowing for the study of large samples of galaxies in the early universe.

Access to these large samples, which are observed primarily using the Keck telescopes on Mauna Kea on the Big Island of Hawaii, allows for the mapping of the distribution of the galaxies in space and for detailed observations of many individual galaxies. These are providing insights into the process of galaxy formation when the universe was only 10 to 20 percent of its current age.

Steidel says he hasn't yet decided what to do with the grant money. "I'm giving it some thought, but I'm still in the disbelief phase-it took me completely by surprise!" he said.

"The unique nature of the fellowship makes me feel like I should put a great deal of thought into coming up with a creative use for the money. It does feel a bit odd to be recognized for work that is by its nature collaborative and dependent on the hard work of many people, but at the same time I am very excited by the possibilities!"

A graduate of Princeton University and the California Institute of Technology, Steidel was a faculty member at MIT before return-

> Caltech, where he is now a professor of astronomy. He is also a past recipient of fellowships from the Sloan and Packard foundations. and received a Young Investigator Award from the National

Science Foundation in 1994. In 1997 he was presented the Helen B. Warner Prize by the American Astronomical Society for his significant early-career contributions to astronomy.

Wennberg holds joint appointments as a professor of atmospheric chemistry and a professor of environmental science and engineering. A specialist in how both natural and human processes affect the atmosphere, Wennberg is particularly interested in measuring a class of substances known as radicals and how they enter into atmospheric chemical reactions. These radicals are implicated in processes that govern the health of the ozone layer as well as the presence of greenhouse gases.

Wennberg has earned recognition in the field for developing airborne sensors to study radicals and their chemistry. One of the early scientific results from these measurements demonstrated that conventional thinking was incorrect about how ozone is destroyed in the lower stratosphere, affecting assessments of the environmental impacts of chlorofluorocarbons and stratospheric aircraft.

Wennberg said he was "blown over by the award" when he received notification. "It is a wonderful recognition of the work that I have done in association with the atmospheric scientists working on NASA's U-2 aircraft chemistry program."

"I have been pondering how I might use the funds, but have no concrete plans at the moment. It will certainly enable me to do things I wouldn't have thought possible-perhaps even take up the bassoon again!"

A graduate of Oberlin College and Harvard University, Wennberg was a research associate at Harvard before joining the Caltech faculty. In 1999 he was named recipient of a Presidential Early Career Award in Science and Engineering.

## THE CALIFORNIA TECH

Caltech 40–58, Pasadena, CA 91125 editorial desk: (626) 395–6153 advertising desk: (626) 395-6154 editorial email: tech@ugcs caltech.edu advertising email: business@tech.caltech.edu ISSN 0008–1582

VOLUME CIV, NUMBER 1 SEPTEMBER 27, 2002

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Printed by Shih's Printing, Monterey Park

### CALTECH CONVENTIONAL WISDOM WATCH



Broad Center opens: \$111 million was raised for the Institute's first new building of the 21st century. It will provide the school with new facets of research and technology.



Frosh Return from Idyllwilld: New faces to brighten up the campus and for the upperclassmen to mess with. But they're *frosh*. Silly frosh. You better start your problem set that's due next week.

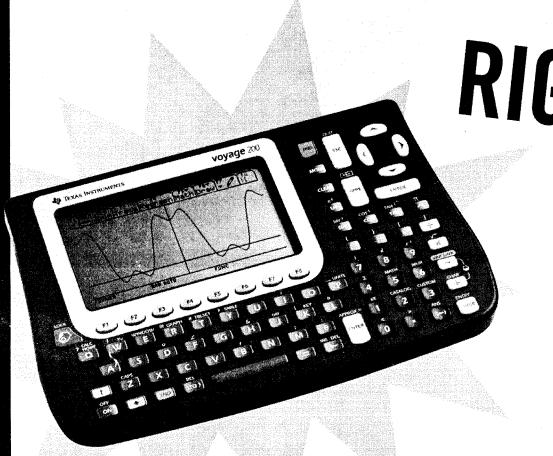


U.S. News tells the story: Sure, we're ranked number four in the nation, but will there ever be an end to, "you go to Caltech? Oh, you mean Cal Poly!"



THE CALIFORNIA TECH





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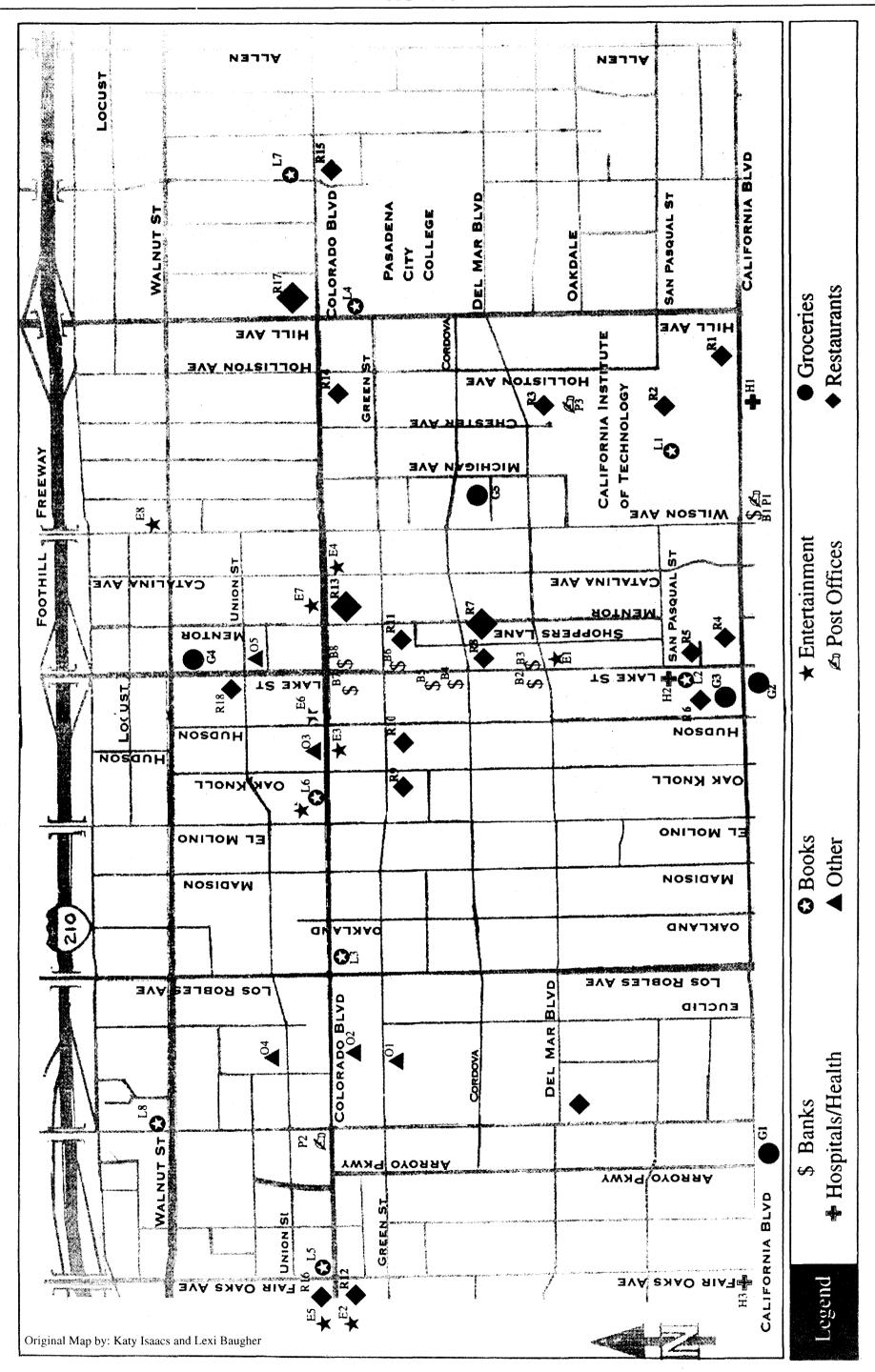
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## Pasadena



# Welcome to Pasadena! A Basic Guide to Survival In the Home of Roses, Smog, Rich People and Caltech

**PEATURES** 

This map shows some of the more useful places within walking distance of campus. If you don't feel like walking, nearly all of these are along the ARTS bus route (it's free!). Check out http:// www.ci.pasadena.ca.us/trans/transit/trans\_arts.asp for information on its routes and times.

We've included a reasonable variety of places and attractions. but this is not a complete listing of all the places to go in the area. See the *little t* for further options.

The selection of restaurants reflects the taste of the editors. For a broader range of restaurants, walk down Colorado Boulevard into Old Town Pasadena. There are many interesting things to eat, as well as more bookstores, banks and theaters in that general area.

#### Banks

- B1. Caltech Credit Union. In the basement of Keith Spalding. **B2.** California Federal.
- **B3.** American Savings.
- **B4.** Sanwa Bank.
- B5. Coast Federal.
- B6. Wells Fargo.
- **B7.** Home Savings.
- B8. Bank of America.

#### Books and Libraries

L1. Millikan Library. Main campus library. Not much in the way of light reading.

Sherman Fairchild. Great airconditioned place to study. Contains magazine archives and nifty movable shelves. Open to anyone with an ID Card until 2

L2. Borders. Has almost everything you're looking for, and then some. Try the chocolate cake while you're there.

L3. Cliff's Bookstore. Open late, nice variety.

L4. Pasadena Library. Hill St. Branch. Smaller than the central library.

L5. Barnes and Noble.

L6. Vroman's Bookstore. Like Barnes and Noble, but with a Starbucks inside.

L7. PCC Library.

L8. Pasadena Central Library.

#### Entertainment

E1. Tower Records. You can buy CDs and tabes there, as well as rent movies. It's a bit overpriced, but it's close.

E2. United Artists Theater. Current movies. Student Discounts, show your Caltech ID!

E4. Laser Library. Extensive selection of laserdiscs.

E5. AMC Old Pas. Current films, with a Caltech discount. E6. Canterbury Records. Classical music.

E7. The Academy. Second-release theater.

E8. Pooh Bah. CDs for sale or trade.

#### Groceries

**G1.** Trader Joe's. Gourmet and health foods.

**G2.** Wild Oats. Good natural foods store. More expensive than most.

**G3.** Pavilions. Close and cheap grocery store. Not a great selection, and it closes at midnight. **G4.** Ralph's. Better selection than Pavilions. Open all night. G5. Eddie's Market. The deli sandwiches are worth going for. They sell other stuff too.

#### Hospitals, Health

**H1.** Caltech health Center. On Arden Rd. Inconvenient hours, but they can handle many of your health problems, both physical and psychological.

**H2.** California Pharmacy. This drugstore will fill your prescrip-

H3. Huntington General Hospital. This is the closet hospital to campus.

#### Other

O1. Pasadena Convention Cen-

O2. Paseo Colorado. Home to many upscale shops and restau-

O3. Target. The only general department store you'll find nearby. Sells a lot of random stuff cheaply, including cooking supplies and laundry detergent. Will also develop film overO4. City Hall.

O5. PetCo. Nearest pet supply store to campus. Has a good range of supplies for various pets. You can also buy fish

#### Restaurants

R1. The Coffeehouse. In the Student Activities Center. Serves good milkshakes and grease (not together, unless you request it.) Open until 2 am most nights.

R2. The Red Door. You can get decent coffee here, as well as chocolate cake and sankwiches. They accept Caltech IDs.

R3. Avery Grill. Depends on how desperate you are for food before 8 pm.

R4. Pie 'N' Burger. Good pies, good burgers. The closest diner to campus.

**R5.** Pete's Grandburger.

R6. Burger Continental. The food quality and selection is good. Show your Caltech ID for a discount, varying randomly between 0 and 75 percent.

R7. Hamburger Hamlet. Lots of hamburgers, plus other stuff. Fairly nice dining.

Jasmine Terrace. Vietnamese cuisine and Chinese buffet.

Tony Roma's. The infinite ribs night is always worth going for. Panda Express. Can't resist the fast food Chinese.

**R8.** Souplantation. All you can eat healthy soup, salad, pasta, and breads. One of the few primarily vegetarian places near campus.

**R9.** Amy's Kitchen.

**R10.** Tarantino's. Good Italian place. Wednesday night is infinite cheese calzone night.

R11. Pasadena Cafeteria.

R12. Cheesecake Factory. Huge selection of desserts. Well worth trying.

R13. Fraedo's. Good pizza. Tell them you're from Caltech and you get two pizzas for the price of one. Free delivery right to your room.

Subway. Sandwiches of tolerable quality.

Chinatown Express. More fast Chinese food.

Mako Bowl. Japanese food. New Delhi Palace. Good Indian Food.

R14. McDonalds.

**R15.** Burger King.

R16. Pita Pita. Hmmmm...Pita's perhaps?

R17. Carl's Jr. for all you east coasters, they serve great fastfood burgers and fries.

Jack in the Box.

Mongo Fresh. Fill up your bowl with meat, veggies, and noodles and then they cook it for you. Great food and lots of it if you fill your bowl right.

El Pollo Loco. The Crazy Chicken!

Foster's Freeze. Milkshakes and sundaes.

R18. Del Taco. Open late.

### Photos of your silly frosh friends: \$5-\$10 each

Articles about your silly frosh friends:

\$15-30 each

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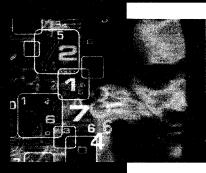


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# Rotation

# Motation Dinner Schedule

On weekdays, schedule entry is lunch/dinner. Sunday meal is dinner, Saturday meal is lunch in the house you are rotating out of. If there are any problems (you can't make a meal, your name isn't on the list and you are rotating, etc) contact Marcus Williams, rawfrog@its.caltech.edu, Dabney House, room 16.

Remember, you must attend all meals.

BL = Blacker, DA = Dabney, FL = Fleming, LL = Lloyd, PA = Page, RI = Ricketts, RU = Ruddock.

Dining Times:

Lunch is Noon to one pm.

Dinner Times:

North Houses:

Lloyd 6:00 (5:30 Friday)

Ruddock 6:15 (5:45 Friday)

Page 6:30 (6:00 Friday)

South Houses:

Blacker 6:00 (5:30 Friday)

Dabney 6:15 (5:45 Friday)

Ricketts 6:20 (5:50 Friday)

Fleming 6:30 (6:00 Friday)

Please arrive for dinner thirty minutes before the scheduled start.

Marcus Williams	Chair	x. 1366	rawfrog@its
Elise Kleeman	Secretary	x. 1563	elise@its
Jon Toomey	Blacker	x. 1572	toomey@its
Robin Mayes	Dabney	x. 1160	mayes@its
Anthony Nannini	Fleming	(626) 644-9650	nannini@its
Ben Mathews	Lloyd	x. 1137	mathewsb@it
Eugene Cheung	Page	x. 1005	eugenec@its
Juan Rodriguez	Ricketts	x. 1368	riguez@its
Robert Kern	Ruddock	x. 1450	kern@its

Last Name	First Name	SUNDAY	MONDAY	TUESDA	YWEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Adams	Sarah	/DA	FL/RI	LL/BL	BL/PA	RILL	PA/FL	RW
Adler	Rebecca	/FL	LL/RU	RI⁄DA	DA/BL	RURI	BL/LL	PAV
Ah New	Christopher	/RU	PA/LL	BL/RI	ACVIS	LL/BL	DA/PA	FU .
Allrich	Keris	/RI	PA/FL	RUALL	LL/DA	FL/RU	DA/PA	<b>B</b> U
Arakawa	Chika	/RU ·	RI/BL	FL/PA	PA/DA.	BL/FL	DARI	ш/
Armentrout	Matthew	ARU	LL/BL	FL/DA	DA/RI	BL/FL	RI/LL	PAV
Attia	Joseph	/DA	BL/RI	FL/LL	LL/RU	RIFL	RU/BL	PAI
Baldwin	Andrew	/RU	DA/FL	RI/BL	BL/PA	FLÆI	PA/DA	LL/
Bannerman	Stephen	ΛL	RU/PA	DA/BL	BL/FL	PA/DA	FL/RU	RV
Barnes	Timothy	/LL	DA/RU	RVFL	FL/BL	RU/RI	BL/DA	PΑV
Becher	Tamara	ÆL	RU/RI	BL/LL	LL/DA	RIBL	DA/RU	PA/
Betancourt	Michael	/RI	BL/PA	RU/FL	FL/DA	PARU	DA/BL	W
Bhayani	Parag	/RI	DA/BL	RUFL	FL/LL	BL/RU	LL/DA	PA/
Blanchard	Justin	/RU	PA/FL	DALL	LL/BL	FL/DA	BL/PA	RV
Boras	Britton	/PA	FL/LL	RI/RU	RU/DA	LL/RI	DA/FL	BU
Boyd	Timothy	/RI	BL/LL	DAPA	PAFL	LLJOA	FL/BL	RW
Boyle	Patrick	/FL	RI/RU	LL/DA	DA/BL	RULL	BL/RI	PAI
Bozorgi	Behnam	/LL	RI/RU	BL/PA	PAÑA	RU/BL	DA/RI	FU
Bratteli	John	/RI	BL/FL	DARU	RU/PA	FL/DA	PA/BL	ш/
Brunton	Steven	ÆU	FL/RI	DA/BL	BL/PA	RVDA	PAFL	LL/
Burnim	Jacob	/PA	DA/FL	RI/LL	LL/RU	FL/RI	RU/DA	BU
Cable	Ryan	/PA	RIVFL	BL/DA	DA/RU	FL/BL	RU/RI	LL/
Cartson	Jordan	<b>/</b> RI	LL/PA	DAFL	FL/BL	PADA	BL/LL	RU/
Chan	Stephanie	ÆL.	RI/RU	LL/BL	BL/PA	RULL	PARI	DA
Chang	Michael	ÆΑ	RI/LL .	BL/PA	PARU	LL/BL	RU/RI	FU
Chang	Derek	/RI	PA/LL	FL/BL	BL/DA	LL/FL .	DAVPA	RU
Chang-Chien	Grant	/DA	RVFL	PABL	BL/RU	FLIPA	RU/RI	L/
Chao	Ewen	/RU	BUPA	RI⁄DA	DA/FL	PARI	FL/BL	LL/
Chen	Roy	/RI	PARU	DALL	LL/BL	RU/DA	BL/PA	FL/
Chu	Albert	ÆL	RI/BL	RU/DA	DA/LL	BLÆU	LL/RI	PAV
Chu .	Bernard	ÆΑ	BL/FL	RI/DA	DA/LL	FL/RI	LL/BL	RW
Chuang	Grace	ÆL.	RU/PA	DAFL	FL/RI	PADA	RI/RU	LL/
Calonnese	Francesca	/LL	DA/FL ·	PA/RU	RU/BL	FL/PA	BL/DA	RV

Last Name	First Name	SUN MON	TUES	WED	THURS FRI	SAT
Conry	Michael	/DA RI/LL	RU/BL	BUFL	LL/RU FL/RI	PA/
Cossairt	Brandi	/FL RU/RI	BL/DA	DA/PA	<b>RI/BL</b> PARU	LL/
Craig	Adam	/PA LL/RU	DA/BL	8L/FL ·	RU/DA FL/LL	R/
Crans	Angelina	IRU DAILL	FL/BL	BURI	LL/FL RI/DA	PA/
Crites	Abigail	<b>/LL</b> DA/BL	FL/RU	RU/RI	BL/FL RI/DA	PA
D'Angelo	Adam	/PA RU/FL	BL/DA	DA/RI	FL/BL RI/RU	LL/
Davidsohn	Noah	/LL BL/DA	RI/RU	RU/PA	DA/RI PA/BL	FL/
Davies	Scott	/DA BURI	RU/PA	PALL	RI/RU LL/BL	FL/
Day	Brian	/RU BUDA	RI/FL	FL/PA	DARI PABL	LL/
Diwakar	Mithun	/PA DA/BL	RVFL	FL/LL BL/RI	BL/RI LL/DA FL/DA RI/LL	RU/
Dong Eason	Timothy Rebekah	/PA LL/FL /FL PA/DA	DA/BL BL/RI	RI/LL	DA'BL LL/PA	RU/
Effer	Anamaria	/DA LL/PA	RVBL	BL/FL	PARI FL/LL	RU/
El-Awady	Ibrahim	/FL BL/DA	RU/LL	LL/RI	DA/RU RI/BL	PA
Ernst	Philip	/RU FL/BL	DA/RI	RI/PA	BL/DA PAFL	ш/
Evtimov	Andrey	/BL RI/DA	RU/LL	LL/PA	DA/RU PA/RI	FL/
Fabrikant	Elena	IRI RUPA	BL/LL	LL/DA	<b>PA/BL</b> DA/RU	FL/
Farmer	Ryan	IRI PAALL	FL/BL	BL/DA	LL/FL DA/PA	RU
Fishman	Laura	ALL FL/BL	RU/DA	DA/RI	BL/RU RI/FL	PA/
Foley	Peter	/FL LL/RI	BL/DA	DA/RU	RI/BL RU/LL	PAV
Foote	Tully	/OA RU/BL	RI/LL	LL/FL	BURI FL/RU	PAI
Fu	Meng-Meng	<b>/LL</b> BL/DA	PARI	RI/RU	DA/PA RU/BL	FLJ
Gao	Steven	IFL LL/DA	RI/BL	BL/PA	DARI PALL	RLV
Gardner	Jonathan	/RU BL/FL	PADA	DARI	FL/PA RI/BL	LL./
George	Christopher	<b>/FL</b> DA/RU	LL/PA	PA/BL	RUAL BUDA	· #000000
Gillula	Jeremy	/RU DA/RI	FL/BL	BL/LL	RI/FL LL/DA	PA/
Goldstein	Joshua	/BL LL/DA	RU/RI	RI/FL	DARU FL/LL	PA/
Gonzalez	Joseph Katherine	/FL LL/DA /BL RU/RI	BUPA	PA/RU PA/FL	DA/BL RU/LL RI/DA FL/RU	RV LL/
Gordon	Brian	/BL RU/RI /DA RU/LL	DA/PA FL/BL	BL/RI	LL/FL RI/RU	PA/
Gradinaru	Viviana	/BL RI/DA	RUPA	PA/LL	DARU LL/RI	FL/
Grant	Ashley	/BL LL/RU	PA/DA	DAVFL	RU/PA FL/LL	RV
Green	Andrew	/DA BUFL	LL/PA	PAR!	FL/LL RI/BL	RU/
Grieco	Theresa	IFL DA/PA	RI/RU	RU/BL	PARI BUDA	LL/
Orono	Authory	/BL FL/RI	DA/PA	PALL	RVDA LL/FL	RU/
Gross	Anthony					
I THE PARKET					E343/678	
Guerrero Gua	Salvador Clark	/DA RU/RI	FL/BL	BL/LL BU/BI	RVFL LL/RU	PA/ DA/
Gua	Clark	/FL PA/BL	LL/RU	RU/RI	BULL RIPA	DAV
Guo Guo	Clark ChongQin	/FL PA/BL /FL BL/LL	LL/RU RI/PA		BL/LL RI/PA LL/RI DA/BL	DAV
Gua	Clark	/FL PA/BL	LL/RU	RU/RI PA/DA	BL/LL RI/PA LL/RI DA/BL	DAV
Guo Guo Gutman	Clark ChongQin Joshua	/FL PA/BL /FL BL/LL /DA PA/FL	LL/RU RI/PA LL/RI	RU/RI PA/DA RI/BL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA	DA/ RU/ RU/
Guo Guo Gutman Gutschick	Clark ChongQin Joshua David	/FL PA/BL /FL BL/LL /DA PA/FL /BL RI/RU	LL/RU RI/PA LL/RI LL/FL	RU/RI PA/DA RI/BL FL/PA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI	DA/ RU/ RU/ DA/
Guo Guo Gutman Gutschick Hagstrom	Clark ChongQin Joshua David George	/FL PA/BL //FL BL/LL //DA PA/FL //BL RI/RU //DA RI/LL	LL/RU RI/PA LL/RI LL/FL PA/FL	RU/RI PA/DA RI/BL FL/PA FL/RU	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI	DAV RUV RUV DAV BLV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners	Clark ChongQin Joshua David George Nicholas	/FL PA/BL /FL BL/LL /DA PA/FL /BL RI/RU /DA RI/LL /RI RU/FL	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU	DAV RUV RUV DAV BU LUV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley	Clark ChongQin Joshua David George Nicholas Douglas	/FL PA/BL /FL BL/LL /DA PA/FL /BL RI/RU /DA RI/LL /RI RU/FL /LL RU/RI	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL/PA BL/PA	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/RU	DAV RUV DAV BUV LUV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley	Clark ChongQin Joshua David George Nicholas Douglas Brian	FL PA/BL FL BULL FDA PA/FL FBL RI/RU FDA RI/LL FRI RU/FL FL/RI FDA FL/RI FDA LL/PA FL/RL FU/BL	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL/PA BL/PA	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU	DAV RUV DAV BL/ LL/ FL/ RUV FL/ PAV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa	FL PA/BL FL BL/LL FDA PA/FL FDA RI/LL FDA RI/FL FL/LL RU/FL FL/PA FL/RI FDA LL/PA FL/RU FDA BL/PA FL/RU FDA BL/PA	LL/RU RI/PA LL/RI LL/FL PA/PA BL/PA BL/PA BL/LL RVRU DA/RI LL/FL	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/BL RU/FL FL/DA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LI PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/BL	DAV RUV DAV BL/ LL/ FL/ RUV FL/ PAV RIV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory	FL PA/BL  /FL BL/LL  /DA PA/FL  /BL RI/RU  /DA RI/LL  /RI RU/FL  //LL RU/RI  /PA FL/RI  /DA LL/PA  /LL RU/BL  /RU BU/PA  /RU BU/PA  /RU LL/DA	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL/PA BL/LL RV/RU DA/RI LL/FL FL/PA	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/BL RI/FL FL/DA PA/BL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/BL DA/FL BL/LL	DAY RUV DAY BLJ FLJ FLJ PAY RV RV
Guo Guó Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea	FL PA/BL  /FL BL/LL  /DA PA/FL  /BL RI/RU  /DA RI/LL  /RI RU/FL  //LL RU/RI  /PA FL/RI  /DA LL/PA  //LL RU/BL  /RU BL/PA  //RU BL/PA  //RU LL/DA  //LL FL/RU	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL/PA BL/LL RI/RU DA/RI LL/FL FL/PA PA/BL	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA RU/BL RU/FL FL/DA PA/BL BL/DA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/BL DA/FL BL/LL RU/PA DA/FL	DAV RUV DAV BLJ LLJ FLJ RUV PAV RIV RV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly	FL PA/BL  FL BL/LL  FDA PA/FL  FBL RI/RU  FDA RI/LL  FL/RI  FDA FL/RI  FDA LL/PA  FL/RU  FRU BL/PA  FL/RU	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL//PA BL//PA BL//L CR//RU DA/RI LL/FL FL/PA PA/BL PA/RU	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/BL RI/FL FL/DA PA/BL BL/DA RU/FL RU/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RVBL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/BL DA/FL BL/LL RU/PA DA/FL BL/PA FL/DA	DAV RUV DAV BL/ FL/ FL/ PAV RV/ RV/ RV/
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski	Clark Chong Qin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher	FL PA/BL FL BULL FDA PA/FL FDA RIVLL FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/PA FL/FDA	LL/RU RI/PA LL/RI LL/FL PA/DA BL/PA BL/LL RV/RU DA/RI LL/FL FL/PA PA/BL PA/RU PA/RI	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA RU/BL RI/FL FL/DA PA/BL BL/DA RU/FL RI/FL RI/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LI PA/RI LL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL DA/FL BL/LL RU/PA DA/FL RU/PA FL/DA RU/PA LL/BL	RW RW DAW BL/ PL/ PAV RW RW FL/
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew	FL PA/BL  /FL BL/LL  /DA PA/FL  /BL RI/RU  /DA RI/LL  /RI RU/RI  /PA FL/RI  /DA LL/PA  /LL RU/BL  /RU BL/PA  /RU BL/RU  //RU  //RU BL/RU  //RU  //RU BL/RU  //RU  //R	LL/RU RI/PA LL/RI LL/FL PA/DA BL/PA BL/LL RVRU DA/RI LL/FL FL/PA PA/BL PA/RU PA/RU PA/RU	RU/RI PA/DA RI/BL FL/PA DA/BL PA/DA LL/DA RU/BL FL/DA PA/BL BL/DA RU/FL RI/FL RI/FL RI/FL RI/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/BL DA/FL BL/LL RU/PA DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL PA/RI	DAY RUV DAY BLJ LLJ FLJ PAY RV RV FLJ FLJ
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski	Clark Chong Qin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher	FL PA/BL FL BULL FDA PA/FL FDA RIVLL FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/PA FL/FDA	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL/I/PA BL/I/RU DA/RI LL/FL PA/BL PA/RU PA/RI BL/RU DA/RI BL/RU DA/RI DA/RI	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA RU/BL RI/FL FL/DA PA/BL BL/DA RU/FL RI/FL RI/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL RU/PA DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU	RW RW DAW BL/ PL/ PAV RW RW FL/
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer	FL PA/BL  /FL BL/LL  /DA PA/FL  /BL RI/RU  /DA RI/LL  /RI RU/FL  /LL RU/FL  /RU BL/PA  /RI LL/DA  /RI LL/DA  /RI FL/RU  /LL DA/BL  /DA BL/RU  /DA RI/LL  /DA RI/LL  /DA RI/LL	LL/RU RI/PA LL/RI LL/FL PA/DA BL/PA BL/LL RVRU DA/RI LL/FL FL/PA PA/BL PA/RU PA/RU PA/RU	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/BL FL/DA PA/BL BL/DA RU/FL RI/FL RI/FL RI/FL RU/PA BL/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LI PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL RU/PA DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL LL/BL PA/RI RI/DA FL/RU	RUV BLJ LLJ PAV RV RV FLJ PAV
Guo Guó Gutman Gutschick Hagstrom Halpern-Manners Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John	FL PA/BL  FL BL/LL  FDA PA/FL  FBL RI/RU  FDA RI/LL  FL/RU  FDA FL/RI  FDA LL/PA  FL/RU  FL/R	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL//PA BL//PA BL//FL FL/PA PA/BL PA/RU PA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/BL FL//BL	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA RU/BL RI/FL FL/DA PA/BL BL/DA RU/FL RI/FL RI/FL RI/FL RI/FL BL/DA BL/FL BL/DA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/RA BL/RU RVBL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL RU/PA DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/RI RI/DA FL/RU RI/FL DA/LL	RUV RUV DAV BLJ FLJ FLJ FLJ RV RV RV RV RV RV RV RV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard Hsiao Huang	Clark Chong Qin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer	FL PA/BL FL BU/LL FDA PA/FL FDA RI/LL FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/RD FL/RU	LL/RU RI/PA LL/RI LL/FL PA/PA BL/PA BL/LL RI/RU DA/RI LL/FL PA/BL PA/RU PA/RI BL/RU DA/RI LL/FL PA/RU PA/RU DA/RI LL/FL PA/RU PA/RU DA/RI LL/FL PA/RU DA/RI LL/FL PA/RU DA/RI LL/PA PA/RU DA/RI LL/PA LL/DA	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA RU/BL RI/FL FL/DA RU/FL BL/DA RU/FL RI/LL RI/LL RU/PA BL/FL BL/DA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LI PA/RI LL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL RU/PA DA/FL RU/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/LL RU/FL DA/LL RU/PA LL/BL LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/LL PA/LL RU/RI	RUV PAV RV FLV PAV RV PAV R
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard Hsiao Huang Huang	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer Toby Chen An	FL PA/BL FL BL/LL FDA PA/FL FDA RI/LL FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/PA FL/DA FL/FL FL/RU FDA FL/RI FDA FL/RI FL/RU FL/R	LL/RU RI/PA LL/RI LL/FL PA/DA BL/PA BL/LL RVRU DA/RI LL/FL PA/BL PA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/BL FL/BA RI/FL	RU/RI PA/DA RI/BL FL/PA FL/RV DA/BL PA/DA RU/BL RI/FL FL/DA RU/FL BL/DA RU/FL RI/LL RU/PA BL/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LI PA/RI LL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL BL/DA FL/RU PA/LL DA/FL BL/PA DA/FL BL/PA LL/BL LL/BL LL/BL PA/RI RI/DA FL/RU RI/PA LL/BL LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/LL PA/LL RU/RI BU/RI RU/RI BU/RI RU/RI BU/RI RU/RI	RUV RUV BUV FLAV RV FLAV RV FLAV RV BUV BUV BUV BUV BUV BUV BUV BUV BUV BU
Guo Guó Gutman Gutschick Hagstrom Halpern-Manners Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard Hsiao Huang Huang Huo	Clark Chong Qin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer Toby Chen An Bing	FL PA/BL  /FL BL/LL  /DA PA/FL  /BL RI/RU  /DA RI/LL  /RU RU/RI  /PA FL/RI  /RU BL/PA  /RL PL/RU  /LL DA/BL  /DA BL/RU  /DA RI/LL  /DA RI/LL  /DA RI/LL  /DA RI/LL  /DA RI/LL  /DA RI/LL  /PA LL/RI  /FL RU/RI  /FA LL/BL  /PA LL/BL  /PA DA/BL	LL/RU RI/PA LL/RI LL/FL PA/FL PA/DA BL//PA BL//PA BL//FL FL/PA PA/BL PA/RU PA/RI BL/RU DA/BL FL/BL LL/DA RI/FL RU/LL	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/BL FL/DA PA/BL BL/DA RU/FL RI/LL RU/PA BL/FL BL/DA DA/RU FL/RU LL/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LI PA/RI LL/PA RU/RI FL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU RI/DA FL/RU RI/DA FL/RU RI/PA DA/LL BL/RU RI/PA DA/LL BL/RU RI/PA RU/RI RI/DA FL/RU RI/FL DA/LL PA/LL RU/RI BL/RU FL/DA	RUV BLJ LLUV FLA RV RV FLA RV BLJ AV RV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard Hsiao Huang Huo Iofinova	Clark ChongQin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer Toby Chen An Bing Eugenia	FL PA/BL  FL BL/LL  FDA PA/FL  FBL RI/RU  FDA RI/LL  FL/RU  FL/RU	LL/RU RI/PA LL/RI LL/FL PA/FL PA/FL PA/FL RV/RU DA/RI LL/FL PA/FL PA/FL PA/RU DA/BL PA/RU DA/BL FL/BL LL/DA RV/FL RU/LL PA/RU	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA RU/BL RI/FL FL/DA RU/FL RI/FL RU/PA BL/FL BL/DA DA/RU FL/RU LL/FL RU/FL RU/FL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RVBL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/RI RI/DA FL/RU RI/FL DA/LL PA/LL RU/RI BU/RI RU/RI BU/RI RU/RI BU/RI RU/RI BU/RI RU/RI BU/RI RU/LL BU/RI RU/LL BU/RI RU/LL BU/RI FL/DA FL/PA LL/RI	RUV BLJ LUV FLAV RV LUV FLAV RV RV RV BLJ RV BLAV RV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Hanley Hardee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard Hsiao Huang Huo Iofinova	Clark Chong Qin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer Toby Chen An Bing Eugenia Day	FL PA/BL  FL BL/LL  FDA PA/FL  FBL RI/RU  FDA RI/LL  FL RU/FL  FL RU/FL  FL/FL	LL/RU RI/PA LL/RI LL/FL PA/DA BL/PA BL/LL RVRU DA/RI LL/FL PA/BL PA/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/RI BL/RU DA/BL FL/BL LL/DA RI/FL RU/LL PA/RU FL/RI	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/FL FL/DA RU/FL BL/DA RU/FL RU/FL RU/PA BL/FL BL/DA DA/RU FL/RU LL/FL RU/LL RU/LA	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA BL/RU RI/BL DA/FL PA/RI BL/LL BL/DA FL/RU PA/LL DA/FL RU/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/LL PA/LL RU/PA BU/RI RI/DA FL/RU RI/FL DA/LL PA/LL RU/RI BU/RI RU/LL BU/RU FL/DA FL/PA LL/RI BU/RU FL/DA FL/PA LL/RI PA/FL DA/BL	RUV DAVI BLUV FLAV RV V FLAV RV BLUV AVI BLUV RV RV FLAV RV BLUV RV BLUV
Guo Guo Gutman Gutschick Hagstrom Halpern-Manners Hanley Handee Hasan Heckman Hellings Hildebrandt Hiscox Hiszpanski Hobbs Howard Hsiao Huang Huang Huo Iofinova Ivy Jankauski	Clark Chong Qin Joshua David George Nicholas Douglas Brian David Kulsoom Vanessa Gregory Lea Kimberly Christopher Andrew John Jennifer Toby Chen An Bing Eugenia Day Michael	FL PA/BL FL BL/LL FDA PA/FL FDA RI/LL FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/RI FDA FL/RI FDA BL/PA FL LL/DA FL RU/FL FL/RU FDA RI/LL FL RU/FL FL RU/FL FL RU/FL FL RU/FL FL RU/FL FL RU/FL FDA FL/FL FL	LL/RU RI/PA LL/RI LL/FL PA/DA BL/PA BL/LL PA/DA BL/LL PA/RU DA/RI LL/FL PA/RU PA/RI BL/RU DA/BL FL/BL LL/DA RL/FL RU/LL PA/RU PA/RU DA/BL FL/BL LL/DA RL/FL RU/LL PA/RU PA/RU PA/RU DA/BL FL/RU PA/RU PA/RU DA/BL PA/RU PA/RU	RU/RI PA/DA RI/BL FL/PA FL/RU DA/BL PA/DA LL/DA RU/BL BL/PL BL/DA RU/FL RU/FL BL/DA BL/FL BL/DA BL/FL BL/DA BL/FL BL/DA DA/RU FL/RU LL/FL RU/LL RU/DA BL/FL RU/LL	BL/LL RI/PA LL/RI DA/BL FL/LL BL/PA RU/LL PA/RI LL/PA RU/RI FL/PA BL/RU RV/BL DA/FL BL/DA FL/RU PA/LL DA/FL BL/PA FL/DA RU/PA LL/BL LL/BL PA/RI RI/DA FL/RU RI/FL DA/LL BL/RU FL/RU BL/RU FL/DA FL/RU PA/FL DA/BL RV/DA PA/LL RV/DA FL/RU BL/RU FL/RU	DAN RUN BLU LUN FLAN NOV FLAN RUN FLAN RUN BLAN RUN BLAN RUN BLAN RUN PAA
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		THE CALIF	ORNIA TEC	CH RO'	TATION	SEPTE	MBER 27, 2	2002		7
Last Name	First Name	SUN MON	TUES WED	THURS FRI SA		First Name	SUN MON	TUES WED	THURS FRI	SAT
Kapelner .	Adam	/DA RU/RI	<b>BL/FL</b> FL/LL	RVBL LL/RU P	A Pavel	Vera	<b>/DA</b> PA/FL	<b>6L/R</b> I R(/RU	F <b>L/B</b> L RU/PA	1L/
Katz .	Felicia	<b>/B</b> L RI/RU	<b>LL/FL</b> FL/DA	RUILL DARI P	O-H-K	Martin Benjamin	/DA LL/RI /RI PA/FL	BL/FL FL/RU DA/LL LL/RU	RVBL RU/LL FL/DA RU/PA	PA/
Kaufmann Kelsic	Anthony Enc	MPA RI/RU MRU BL/PA	FL/DA DA/LL RI/DA DA/FL	RUJFL LL/RI BI PAJRI FL/BL LL	<i></i>	Kevin	78L PA/RU	FL/LL LL/RI	RUFL RIPA	DW BL/
- Kollipara	'Priya	<b>/PA</b> BL/DA	LL/RI RI/FL		U/ Polinkovsky	Jeffre y Mark	<b>/9L</b> LL/PA <b>/PA</b> RI/RU	DAVRI RI/RU LL/FL FL/DA	PA/DA RU/LL RU/LL DA/RI	FL/
Korta Koslover	Doroța Daniel	<b>/FL</b> LL/RI <b>/RU</b> BL/LL	<b>RU/D</b> A DA/BL <b>PA/RI</b> RI/FL	RI/RU BL/LL P. LL/PA FL/BL D.	Popendorf	Kimberly	/PA LL/FL	DABL BL/RI	RU/LL DA/RI FL/DA RI/LL	BU/ RU/
Krause	Vanessa	/RI PA/BL	LL/RU RWDA	BULL DAPA FI	Poythress	Ransom Laura	<b>/8L</b> LL/FL <b>/LL</b> DA/BL	RI/RU RU/PA PA/FL FL/RI	FL/RI PA/LL	DA/
Krogstad	Matthew	<b>/RI</b> PA/BL	RU/DA DA/LL	BURU LL/PA FI	Pullin	Andrew	/RU LL/BL	FL/PA PA/DA	BUPA RI/DA BUFL DA/LL	RV RV
Kruk Kwei	, Natalie Ēric	/BL FL/PA /PA LL/RU	RIVRU RU/LL FL/DA DA/BL	PA/RI LL/FL D. RU/FL BL/LL R	AV Que V Rajala	Simon Anne	/PA DA/FL /PA BULL	LL/BL BL/RU RI/DA DA/RU	FL/LL RU/DA LL/RI RU/BL	RV FL/
Kwok	Andrew	<b>/RI</b> RU/LL	BL/FL FL/DA		Rawlings	Brandon	/BL LL/RI	RU/PA PA/DA	RI/RU DAVLL	FL
La Frinere-Sando		7RI PAFL	RU/LL LL/DA	FLIRU DAPA BI	_	Adam Dean	/DA PA/BL /LL RU/PA	<b>RU/FL</b> FL/RI <b>RI/DA</b> DA/BL	BURU RI/PA PARI BURU	LL/ FL/
Lamb Landy	Callum Jonathan	/RI FL/BL /PA FL/RU	DA/PA PA/LL DA/BL BULL	BUDA LL/FL R RU/DA LL/FL R		Tharathorn	/RU FL/DA	LL/PA PARI	DA/LL RI/FL	BL/
Lee	Esther	<b>/L</b> L FL/RU	PA/DA DA/RI	RU/PA RI/FL BI	Deborteen	Gunnar Robert	/RI FL/LL /RI BL/PA	<b>PA/RU</b> RU/DA <b>DA/RU</b> RU/FL	LL/PA DA/FL PA/DA FL/BL	BL/
Leibs Levitan	, Jeremy Aaron	/RU DA/FL /DA RI/RU	BL/FL FL/PA	FL/BL PA/DA RI RU/BL PA/RI LL	Sadhu	Meru	/AL RU/LL	FL/RI RI/PA	PA/DA FL/BL LL/FL PA/RU	DA
Lin	Milo	<b>/BL</b> FL/RU	RVDA DAVPA	RUMI PAFL LL	Schomaker	Máry Adam	/RU DA/BL /DA RU/LL	LL/PA PA/FL FL/PA PA/RI	BL/LL FL/DA	RV .
Lipshitz	Benjamin	VFL PA/BL	LL/RI RI/DA	BULL DAPA R	U/ Seeman	Lisa	/RU RI/DA	LL/BL BL/PA	LL/FL RI/RU DA/LL PA/RI	BL/ FL/
Liptrap Lita	Jesse Laurentiu-And	<b>/LL</b> BL/PA rei <b>/PA</b> FL/BL	FL/DA DA/RU RU/DA DA/LL	PA/FL RU/BL R BURU LL/FL R	Snaraat	Hannah	VFL PA/DA VRI PA/LL	<b>ri/bl</b> bl/ru <b>fl/da</b> da/ru	DARI RU/PA	LL/
Liu _	Qing	ÆL BL/LL	PARI RI/DA	LL/PA DAVBL R	U/ Sheikh	Raman Mayra	MEL RI/DA	FL/DA DA/RU LL/BL BL/PA	LL/FL RU/PA DA/LL PA/RI	BL/ RU/
Liu Loer	Zhihao Ben	/RI LL/PA /RI FL/RU	FL/BL BUDA		U∕Shen A√Shvartser	Ching-Ping Aleksander	/BL FL/RI	PA/LL LL/RU PA/RU RU/RI:	RI/PA RU/FL BL/PA RV/FL	DAV VAG
Losher	Ross	/PA RU/LL	DARI RVBL		Simenc	David	/RU BL/PA	RI/FL FL/DA	PARI DA/BL	LL/
Lu	Jun	/RI LL/DA	BL/FL FL/PA	Particular and the second second	ÚV Siu Sladic	Chin Yeung Petar	<b>/BL</b> PA/RU <b>/RU</b> LL/BL	<b>LL/FL</b> FL/RI <b>PA/FL</b> FL/RI	RU/LL RI/PA BUPA RI/LL	DA/
Lui Ma	Kevin Julia	/DA PARI /BL RU/FL	FL/RU RU/LL LL/PA PA/RI	RI/FL LL/PA BI FL/LL RI/RU D	0-1	Hetar Micah	/FL PA/BL	DARU RURI	BL/DA RI/LL	DA/ LL/
Magary	Katharine	/PA RI/BL	DA/RU RU/FL	BUDA FURI U	Soudek Srinivasan	Daniel Akil	<b>/RU</b> FL/DA <b>/LL</b> FL/RU	PALL LL/BL -RI/DA DA/PA	DA/PA BL/FL RU/RI PA/FL	RV BL/
Magee- Maire	Angela Rachel	/OA RI/PA /OA LL/PA	LL/FL FL/RU RU/FL FL/RI	PAILL RU/RI B	Srinivacan	Arthi	/DA FL/PA	RVLL LL/BL	PARI BUFL	RU/
Mao	Tyson	IFL RIALL	PA/RU RU/BL	LLIPA BLIRI D		Leo	/RU BL/DA	PAALL LL/RI	DA/PA RI/BL	FL/
Mao	James	VRU DA/BL	PA/LL LL/FL	The state of the s	V Stein	Benjamin	/BL FL/PA	LL/RI RI/RU	PALL RU/FL	DAV
Marbourg Markham		FL PA/RI RU/C RU PA/FL LL/BI	300000000000000000000000000000000000000	/RU LL/PA BL /LL DA/PA RI	Martin all	Jessica Daniel	/RI DA/FL /BL LL/RI	LL/BL BL/RU RU/FL FL/PA	FL/LL RU/DA RI/RU PA/LL	PA/ DA/
Martin	No.	BL DA/RI RU/L		/RU FL/DA PA	y Sullivan	David	/DA PA/RI	LL/RU RU/BL	RVLL   BL/PA	FL/
McBrearty		FL PA/DA <b>SL/R</b>		VOL RIPA IL	Swenson	Alexander Amber	/FL RU/BL /RU PA/FL	DARI RI/LL RI/DA DA/LL	BL/OA LL/RU FL/RI LL/PA	PA/ BL/
McCauley McGuyer		RI FL/BL PA/R PA RI/RU FL/B		/PA LL/FL DA J/FL LL/RI DA	V Tai	Kuanshuan	ALL RI/DA	RU/BL BL/FL	DA/RU FL/RI	PA/
McNamara	John //	DA PARI BUR	U RU/LL RI	/6L LL/PA FL	Tamas Thomas	Matyas Emma	/DA RU/BL /RI BL/LL	RVPA PA/LL FL/PA PA/DA	BL/RI LL/RU LL/FL DA/BL	FL/ RV/
Medling Meruelo		FL DA/RI PA/B LL DA/RI PA/R		/PA LL/DA RL /PA FL/DA BL		Nyssa Timothy	/LL BL/DA /DA RU/LL	RVFL FL/RU FL/PA PA/BL	DARI RU/BL LL/FL BL/RU	PA/
Miller		LL FL/RU PA/R		JAPA BL/FL DA	176	Arthur	/BL FL/RI	PADA DARU	RI/PA RU/FL	UL/
Misch Molina		RU FL/RI BL/P. LL RU/PA RI/FL	- Table 1	/BL DA/FL (L VRI BL/RU b/		Jennifer Kevin	/LL RU/PA /BL RU/PA	BL/RI RI/FL DA/FL FL/LL	PA/BL FL/RU	DA/ RI/
Monajati	. 4	RI DA/LL RU/F	699	/RU FL/DA BL	******	Michael	/FL RU/BL	PAALL LL/RI	BUPA RI/RU	DA
Montague		LL PA/RU BL/R	- S	J/BL FL/PA D/	Villat	Vivian Michael	/RU DA/PA /LL RI/BL	<b>BUFL</b> FL/LL <b>DAFA</b> PARU	PABL LL/DA BUDA RU/RI	RV FL/
Moore Morell		PA DAVRU FL/LI DA BL/RU RVLL	A.	J/FL BL/DA RI/ J/RI FL/BL P/	Malkar	Matthew	/LL RI/DA	RU/FL FL/PA	DARU PARI	BU
Murdock	1	RU PAFL RIALI		JAI BL/PA DA	Ward	Stuart Alden	/RU FL/RI /RI RU/DA	LL/PA PA/DA LL/PA PA/BL	RI/LL DA/FL DA/LL BL/RU	BU FL/
Murphy Mustafi	· · · · · · · · · · · · · · · · · · ·	FL DA/RI BL/R RI LL/DA RUÆ		/BL LL/DA PA VRU PAALL FL	Weel	Jacob	/RU FL/DA	RI/PA PA/LL	DA/RI LL/FL	80/
Nagami	*	PA RUILL DAIR		/DA FL/RU BL	Aveicu	Phillip Bingni	/FL RU/LL /PA RI/DA	BU/DA DA/PA LL/RU RU/BL	LL/BL PA/RU DA/LL BL/RI	RV FL/
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#### 2002-2003 Rotation Rules

(interpretations are in italics)

#### I. Preamble

The rotation system has evolved over the years as the best method to distribute new students among the Houses. Each new student is given a voice in selecting the House he or she will join, and the Houses have some say in choosing their members. The motivation behind these rules is the Honor System. The intention is to prevent both the Houses and the new students from taking unfair advantange of any other House or new student. All undergraduates are responsible for understanding and following these rules, and just as with the Honor Code, ignorance is not an acceptable excuse for violating them.

#### II. Procedures

. Rotation week begins on the Sunday prior to the first week of the term and ends after the following Saturday.

2. Throughout the course of Rotation week, new students will remain in residence at a randomly determined temporary room assignment in one of the houses.

3. For the first six days of Rotation week, (Sunday through Friday) each new student visits a different House for dinner in a randomly determined order. New students also visit the Houses for lunch, in an order determined by the following mapping:

Sun Mon Tue Wed House visited at dinner: A E (none) House visited at lunch: (none) F E D G\* CВ \*This is the House in which the new student is temporarily living.

Any new student who does not attend lunch or dinner or does not check in with the House Rotation Chair will be defined as a "no-show" for that house, and will be considered to have ranked all seven Houses equally.

- 4. All new students must choose at least four of the seven houses which they would prefer to join and submit a list of those preferences to the Resident Associate (R.A.) of the House in which they are residing by 3:00 pm on Saturday of Rotation week. This information will be given to each House president and shall be made available only to the House rotation chairmen, only after all changes are finalized. The Houses are not required to follow the rankings submitted by each student, except that no House may choose a student that did not rank it. Students living off-campus or in the Annex must give their list of Houses to the R.A. of the House which they visit on Saturday of Rotation week. Students will be picked by any one of the Houses if they do not submit a House preference list. On rare occasions, in order to insure that all on-campus rooms are filled, it may be necessary to select students who will be removed from the rotation pick and assigned housing. New students who state to the Director of Residence Life that they do not wish to participate in Rotation will not be selected by an House, but are still given Institute housing.
- 5. By 5:00 pm on Saturday of Rotation week, the IHC Chairman and the seven House Presidents or RAs will have a list of the House preferences of each new student. They will make themselves available at this time to correct any mistakes in the list. It is the responsibility of the student to verify that the list contains his or her actual choices. A student who is listed as a no-show may try to straighten out the situation with the IHC Chairman, who will have a list of each House's no-shows. By 7:00 pm, the IHC will have verified all changes, after which all choices will be considered accurate. New students may only check to see that their choices have been accurately recorded, and no other students (other than members of the IHC) will be given access to the list until after 7:00 pm.
- 6. Selection of new students will take place at a closed meeting of the Director of Residence Life, the Master of Student Houses, the Interhouse Committee Chairman, and the Secretary, the seven House Presidents, and four Rotation chairmen from each house. The R.A.'s may attend the meeting as guests of the Director of Residence Life. This meeting will occur on the Sunday immediately following Rotation week.

#### III. Regulations

1. Rotation rules are in effect for any contact with new students from their initial acceptance to Caltech (including before they matriculate) until their submitted ranking lists are considered accurate (as stipulated at 7:00 pm on Saturday of Rotation week).

These rules are in full effect now and will be until October 5th, 7pm.

2. Throughout these rules the term "House" refers to both the organization as a whole and any of its members.

People who could be construed as representing the House:

- 1. Full dues paying House members who are currently registered as undergraduates
- 2. Full dues paying House members who are not currently registered as undergraduates, but plan on coming back
  - Social members who are currently registered as undergraduates
- 4. Social members who are not currently registered as undergraduates, but plan on coming back
  - 5. Alumni and former students
- 6. Unaffiliated students

8. Others--grad students, friends of students, non-Caltech affiliated people who hang around

This rule is intentionally left vague with respect to social members, etc. because House is used in different ways throughout the document. Consider the case of those people falling under categories (2)-(8) who hang around in the House, but who are not present during dinner or after-dinner-reception. A President could ask them to leave (Security can remove them if necessary), but the House could still be held responsible. This situation will have to be dealt with on a case-by-case basis because these people could still cause an unfair bias.

3. New students are specifically prohibited from unfairly biasing other new students toward or against a house.

4. Houses are *specifically authorized* to do the following during rotation:

a. have receptions after dinner

b. serve refreshments at these receptions

c. prohibit those who are not current House members from attending these receptions Member of a House is defined to be a full dises paying currently registered undergraduate. Anyone that does not fall under this definition of Member must get explicit approval from the House President. Keep in mind however, that if a House President approves someone, then the House is responsible for that person's actions.

d. have open presentations anywhere on campus

This includes unofficial tours of campus such as tours of the steam tunnels. Pranks that don't degrade other houses are also acceptable.

e. publish and distribute informational literature which is inexpensively reproduced This refers to posters, literary journals, Rotation videos, and propaganda sheets, among

other things. All such documents must be approved by the IHC. f. accompany new students to any place open to the public, if no extraordinary services are provided.

The key word in this section is extraordinary. An upperclassman sitting in the car of a freshman being driven by a freshman is not an "extraordinary service.

g. Students may transport new students to any place open to the public, as long as the trip does not last longer than four hours, and as long as the excursions remain within the spirit of the Rotation Rules (the restrictions on Houses organizing social events and students providing extraordinary services).

Longer trips will require approval of the IHC. This rule is added in hopes of allowing everyone to have a more enjoyable and unrestricted rotation week without having to calculate how far away their favorite restaurant is from campus. Please note that this rule applies to new students who are around before the first official check-in day, although athletic training and scheduled FSI events are still exceptions to the rule. The goal of this rule is to allow flexibility for reasonable, spontaneous trips (for food, movies...). The spirit of the Rotation Rules still disallows such trips to become forums for recruiting freshman for any House. A new student may still drive anyone anywhere for any amount of time,

5. Houses are specifically prohibited from doing the following during rotation:

a. making a trophy or alley challenge

This is basically a House social event. Social events can provide an unfair bias and could get out of hand.

b. publishing a social calendar or relating in any fashion future social events, except during prefrosh weekend.

The purpose of this rule is to avoid having some upperclassmen make outlandish promises about future social events. Comments about past social events are perfectly okay, if it is made clear to the new students that it is an event that happened in the past. During prefrosh weekend, Houses are allowed to leave their social calendars up as it reflects an aspect of Caltech life. During the time period before and including Rotation Week, these calendars will be taken down from everywhere (on the Web and in the House).

c. organizing and sponsoring a social event

Social events can occur, but only with IHC approval. These IHC-approved events will typically include the following stipulations:

Parties should be limited to small gatherings - organized by people in their rooms, etc - without large amounts of preparation and planning.

- New students can go to parties where everyone is invited and welcome. Off-campus sites are better, because they are less associated with the on-campus Houses. Similarly, parties thrown by people from more than one House will be easier to interpret as nonrecruiting situations.
- Alcohol provision (by upperclassmen) OR acceptance (by freshmen) will both be considered violations.

We realize that upperclassmen coming back want to have fun and party before the school year starts and we will try to accommodate them as best we can. During the actual Rotation week, almost no exceptions to this rule will be made. Organizing a pick up game of sports is typically not a violation of this rule.

For small, unofficial social events (e.g. watching a movie in Old Pas, going bowling) that could involve new students, IHC approval is not required.

d. attending a reception of a House of which you are not a member without the permission of that House's president

Member of a House is defined as a dues paying (for that House), registered undergraduate. Anyone that does not fall under the definition of Member must get permission from the House President. Social members may be allowed or not at the discretion of the House president. See III.2 and III.4c.

e. discussing with new students anything at all to do with picking strategies, future new student picks, or past new student picks.

There is very little lee-way with this rule. Telling new students anything about Picks or how to rank Houses strongly influences how new students rank their choices. The only thing permissible to say to the new students is that they should rank as honestly as possible.' The only lee-way with this rule is telling the frosh equivalent things as rank as honestly as possible.' Examples of this are: If you don't want to live in a House, rank it low or don't rank it at all.'; If you want to live in a House, rank it highly and talk to the House President.' There is no statute of limitations on Picks information. Any attempt to find out how the Picks process is in itself a Rotation Violation. Distributing Picks information regardless of its accuracy is also a Violation.

f. spending money on a new student or providing extraordinary goods or services on

What "extraordinary" is up to IHC interpretation. This is a case where upperclassmen are expected to use their own judgement wisely. Pocket change and candy are certainly not extraordinary.

Used to contain transportation restrictions. Please see III.4.g for new rules.

h. providing alcohol or other controlled substance to a new student There is absolutely no flexibility in this rule. Providing alcohol or other controlled substances is clearly against the rules and there is absolutely no way around it. Giving freshmen alcohol, etc. could easily escalate. Tommy's chili and Krispy Kreme donuts are not consid-

ered controlled substances. i. otherwise unfairly biasing a new student toward or against a House. (Note: there is a no "gag rule" Individuals are not prohibited from speaking about a House of which they are not a member. However, indviduals are advised to take care in what they say, as they may be misinformed.)

This rule is completely open to interpretation by the IHC. This once again refers to the idea of the spirit of the law.

The infamous "No-'Gag Rule" rule is always a cause for confusion. The reason it is so is stems from two things. One is that the IHC interpretation of this rule is always changing year to year. The other thing is that people are afraid to say anything so they say nothing. The question becomes what can and cannot be said. Once again a person's own judgement comes into play. One should follow these guidelines when talk about any of the seveb undergraduate Houses:

Be sure to express that the things being said are simply opinions and how you feel. 1.

Opinions should not be presented in a factual manner. Examples are:

"There are a lot of gay Booty Housers,

"All Booty Housers are chain-smoking kleptomaniacs",

"Everyone from Booty House is a Literature major Heroin addict."

The intent of the things said should be used as an informational tool with which the new student can come to their OWN conclusion. It should not be said specifically to scare a new student away from a House.

It should be clear that when you say something about another House, that you are

5. Don't be a rumor monger. Be aware that your facts may be wrong, and beware of stories you have heard through the grapevine.

Don't lie to the frosh in a malicious manner.

There is a big difference between giving your unprompted opinion to a new student and the new student asking for your opinion

It is important that a new student get as much information as possible in order to make the choices. New students must be given some credit for discerning a highly biased positive or negative opinion. Also, if an upperclassman talks bad about another House, he or she is also representing his or her House in a poor light.

6. Aside from the specifically unauthorized acts, Houses may do anything approved by the IHC in advance of the act.

We are trying to be flexible with our interpretations and that these rules are not set in \*stone. An exception can be (but won't necessarily) made to any rule upon approval of the IHC. See III.5.c.

7. Information pertaining to the ranking of each student and to the order of the picks may not be made public. All such information in written or electronic form must be destroyed immediately following picks.

This is self-expanatory and strict.

#### IV. Penalties

- 1. An action which any student thinks is a violation of the Rotation rules must be reported to a member of the IHC.
- 2. Alleged violations will be tried by the IHC; a four out of seven vote is sufficient for conviction. 3. Any House or individual who is found to have violated these rules will be penalized by

any one of the following: a. loss of draft choices

b. loss of privilege to live on campus

c. probation

d. loss of right to House ranking (i.e., new student will be considered to have chosen all seven Houses equally.)

e. any other punishment handed down by the IHC

4. Due to time constraints, no House will-lose draft choices after 12:01 am of the day of picks. Other penalties may still apply.

## Frosh Camp Woes and Joys

By MARCUS NG

Frosh Camp. What is there to expect? Late nights, bad food, fresh mountain air, and a beautiful view of the starry night sky. Good stories, card games, bad skits, a full range of musical and comical talents, old jokes, new ones, and forming lasting friendships. Just like every other camp I've attended. Except that when we were all packed up and loaded onto the buses, we weren't returning each to our own separate homes, states, families, houses, but to our home. Our new home. Our new family. Our hectic, new, exciting

Unlike normal summer camps, camp was not the main event. In fact, it remained quite free from the usually packed schedules found in most summer camp programs. With over two and a half hours of free time each day, no curfew, no lights out, and no wake up calls (yes, some of us could and did sleep all the way through breakfast) this was perhaps the greatest liberty I've ever seen at any camp. Instead of wearing us out and exhausting us, we were given plenty of time to learn about each other and do as we wished. Even the activities planned were aimed at allowing all us newbies to make friends and to learn to deal with the many academic and social pressures we will soon be facing

It is true, as we have constantly been told since arriving, that we are the best and brightest frosh class of all the universities in the world. Every one of us is either confident or cocky, or both, and with good reason. We are all the top of the class, all the upper ten percent, all the "crème de la crème de la crème de la crème." Yet we still managed not only to view each other as equals, but to respect and admire each other. For possibly

the first time, we are going to be placed in close interaction with the most intimidating minds we've ever faced, yet we aren't developing sharp rivalries and a deep competitive spirit, but instead turning to friendly expression of our other many talents.

We demonstrated that we are more than brains through the numerous frisbee games, basketball, strategy gaming sessions, the design contest, and especially through the talent show. It is also true that most of us will be overloading ourselves with classes and activities and learn that for the first time in our lives, we have to study and work hard, take notes, and go to lectures, to realize that just reading the book isn't going to cut it.

While most of the talks were boring, and most of us knew everything they told us, there were also valuable lessons in the talks given. And the opportunity to hear from the upperclassmen, to ask their advice and get the dirt straight from the horse's mouth, was certainly a valuable experience, particularly the advice of the IHC Chair to skip your class if it interferes with a rotation meal. Going from one talk to the next, watching the upperclassmen and their skits gave us our first view of what we could look forward to becoming in the next four years. Not a pretty picture.

On the whole, Frosh Camp was a memorable experience. As strong willed and confident as we are, it will probably take quite some time for the advice and warnings to actually sink in, and we will make the same mistakes as the previous classes. But in the end, I think we all got the message that if the pressure gets too great to bear up alone, we can always find help by going to the Counseling Center.

# Advice for Frosh, Abe Style

By ABE FETTERMAN

Welcome to Caltech! Ok, Prefrosh, everyone is going to be shoving advice about 'what to do in college" and "how to survive in Caltech" and "when to do your laundry' at you and into every bodily orifice that they find suitable. It is then your job to sort out the crap (things administrators/your parents say) from the useful information (things you read in respectable journals published by students). So here I will dispense with the advice, whether you are willing or not.

Rule number one: You do not talk about fight club.

Rule number two: You do not talk about fight club.

Hopefully you have been gotten by this ill-posed trap! I know I have. Fight club references are not funny, you are not unique for knowing it, and it has been so overused as to have become cliché. While we are on the topic, some other things that are not funny are competing for Simpsons quotes, competing for nerdliness, competing for operating systems, and competing for splat.

Never complain about the ratio. You came here knowing that you had slimmer pickings than in a southern Wal-Mart after payday when it comes to the opposite sex; don't go to hell and complain about the heat.

During rotation week, stay at each house until you get kicked out, then go around the halls and talk to random people. Most people that end up in a house they don't like do so because they didn't spend enough time there. Buy your soft drinks at Ruddock, because

Learn to like coffee; it will come in use later. Watch out, though, as developing a

they're only 35 cents and icy cold.

Starbucks habit can be almost as expensive as your crack habit.

Standing around a girl does not count for talking to her. Following her to her room is not the same as being invited. They don't think "hmm, I suppose Froshy McWomanglommer is around me so much that the amount of time spent together if we were dating is roughly equivalent or even significantly less than the amount we currently spend together, and so we might as well go out--no problem!"

Enjoy yourself. Ok, so everyone tells you this, maybe they're right. I can't count the number of frosh who sit in their rooms all day and don't interact socially, and not just because I'm bad at math.

Shower daily. This cannot be overstressed. People react more to smell than they do to any other of their five senses. Please, though, one per shower stall. Just because there are two showerheads does not mean you should get your proverbial freak on in close quarters with your roommate.

Your computer is not the center of your universe. In fact, I strongly recommend that you do not unpack your computer for at least a week. Make use of your house computer

If you have a "significant other" more than half an hour away, break up with them. Long distance relationships when you go off to college never work, just like those telephone things you make with cans and taut string. Over long distances, I mean. They will only drag you down and be more pain in the long run and besides, s/he was a real bitch anyway and worthless and no fun to be around.

## Would You Like Some Body Parts With That?

#### By LIBIN ZHANG

You take your loved one, afflicted with a cold, to a local doctor. A few hours later, when you pick him up, you realize something went terribly wrong. He was diagnosed with a rare eye disease that requires immediate surgery; his eyes are now gone. The tragic loss is compounded by the fact that your loved one is healthy: his eyes have been taken and sold on the black market for human organs.

Inconceivable? In America, yes, for now. But this scenario is all too common in Third World Countries. The aforementioned healthy pair of corneas can be sold for three thousand American dollars. Children in the developing countries are no longer merely slaves or sexual toys, they have also become spare parts.

Considering the number of people in this world, body parts hardly seem like a rare commodity. Yet the waiting lists for organ donors are way too long, with thousands of people dying every year due to not receiving transplants in time. Organ trafficking has become a lucrative business, with human bodies more valuable than narcotics. Multibillion-dollar science companies, such as Osteotech Corporation and Cryolife Inc., purchase hearts from India for \$150 and sell them for \$5000. Travenol Hyland (USA), Immuno (Austria), Hoechst (Germany), and others buy billions of liters of blood every year from dubious sources. A human body is no longer priceless; everything can be sold for the right price.

Consequently, stories about kids and the homeless missing their eyes and organs have become increasingly common. Los Robaninos (children stealers) at the Mexican border kidnap people for their livers. Poor folks in Turkey and India sell their children so they could eat or save a farm. Guatemalan

police once arrested two Israeli brothers exporting babies to the US, which were cut up and sold for \$75,000. Despite some local arrests, the involvement of corrupt governments and the Mafia guarantees that traffickers can operate with impunity. Rarely, some trafficking foreigners are arrested and even get a small fine.

What can be done about organ trafficking? The traffic persists due to ever-increasing demand for organs. Sign your donor cards. People do not sign donor cards for a variety of personal or religious reasons, but each card can save many innocent lives. If you are feeling really brave, contact your local Congressman and demand investigations, sign petitions for human rights groups, and ask that donor banks be regulated by the government. This way, hopefully the day you wake up in a hospital and realise you cannot see will never happen.



Jayaramu shows a scar on his abdomen, the result of surgery performed in a Bangalore hospital. He alleges that he went to the hospital to donate blood but woke up to find that one of his kidneys had been removed.



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Research Associate will be involved in cell and tissue culture, immunocytochemistry, DNA cloning, and RTPCR.

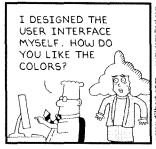
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# $\mathbf{DILBERT}^{ ext{(R)}}$ by Scott Adams

THE CALIFORNIA TECH

### FoxTrot by Bill Amend



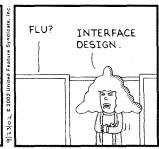
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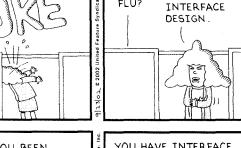
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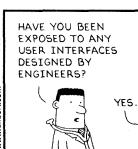
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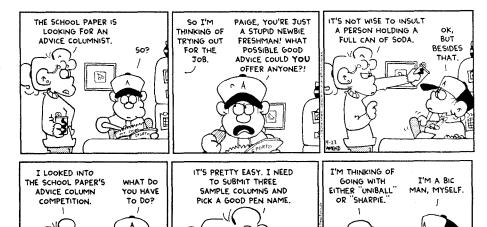




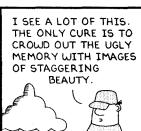












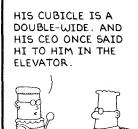






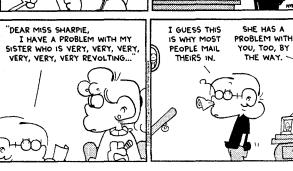
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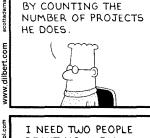












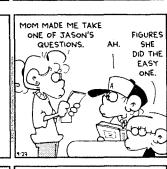
YOU CAN'T MEASURE

SOMEONE'S WORTH







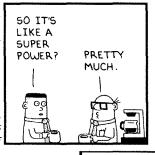


PAIGE, IT'S YOUR NAME AND PHONE

NUMBER.

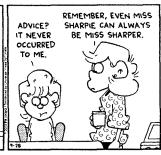


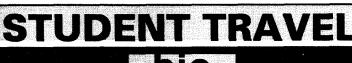














54 South Raymond Ave

(626) 793.5595

STA TRAVEL

Wanna see cute girls in spandex?\* Come watch our home games in the Braun Gym! Women's Volleyball vs. Claremont-Mudd-Scripps / Saturday 9.28.02 at 7:30 PM vs. Occidental College/ Tuesday 10.1.02 at 7:30 PM

vs. University of Redlands/ Friday 10.4.02 at 7:30 PM

\*not necessarily from Caltech

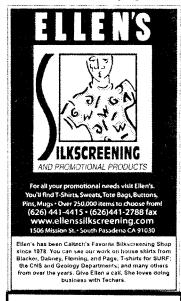




Hi there again, Sophs, Jrs and Srs all. Welcome to Campus, Frosh, and to this first issue of your weekly paper, the California Tech. I hope you had a great time at camp and came down from the mountain ready for your first week on Campus, to begin doing more and ever better what you do so well, otherwise you would not be here.

You have heard about some of the many challenges that will be facing you and about the choices you'll have to make. You'll obviously have many balls to keep in the air at once. If you don't let yourself be distracted, if you keep up with the work that will be thrown at you, like chunks of meat to tigers in their cage, class work should not present you with insuperable problems. Of course there are the other aspects of life to consider besides studying. You are going to be away from home for extended periods perhaps for the first time in your life. You'll get to know lots of new people, your intellectual peers and you'll have the chance to establish new friendships some of which will last for a lifetime. You'll get to know your classmates and especially your roommate better than anyone else, except may be your spouse.

In all of that you will need to remain true to yourselves, to keep marching to your own drummer, to behave in a self-centered, call it "selfish" way I use the words not with a negative sneer but only to indicate that you should persevere in your own way. If necessary do as Ulysses of old who had himself lashed to the mast of his ship so he would not be tempted by the entreaties of the Sirens trying to lure



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## Dean's Corner

## The Selfish Tiger

by Jean-Paul Revel

him away from his goal.

Going from my parking spot to my office takes me by Beckman Auditorium where I often encounter a row of Techers in the full lotus position, doing exercises to the strains of recorded music. Impassible, unflappable, they keep seemingly impossible poses. It must be difficult to concentrate, sitting as they do in the open, eyes closed but so obviously exposed to passers-by. How do they resist the urge to see what is going on around them? How can they ignore the putt-putting lawn mowers, squeaking Daihatsus, cawing crows or inquisitive deans? But even among these brave souls unafraid to meditate in public, there are those who are even more individualistic. Take the scene I witnessed just the other day.

There was a real crowd, may be ten of the Falun Gong followers, sitting cross-legged on the Auditorium

porch. In unison they were slowly and delib-

erately going through the prescribed motions. Arms crossed at chest level, palms turned, everyone. hmm, except for the 4th person from the end. She had only one arm raised to chest level; the other was raised to her head, or rather the side of her face, palm turned inwards, fingers slightly bent. No, impossible, could that be right? She was holding a cell phone to her ear. Couldn't tell if she was speaking or just listening. May be she was on a call from Mr. Li Hongzhi, I thought, the master who has been popularizing Falun Gong. The scene was like the staged incarnation of a cartoon in the New Yorker magazine, a tableau vivant. And yes it did something to me. My previously morose outlook turned to a slow inner smile.

As I walked on, the thought came to me that besides being surprisingly touching and irreverently funny, the unexpected phone addict's gesture also provided something of a lesson, by her fearless expression of independent behavior I know that what I am see ing to say may well come

back to bite me, but see it is something to be seriously varued to have the courage to act on one simperatives, to selfishly march to a private drummer. I can hear the song of the sirens which may come to haunt you. It is ok, oh go ahead, don't be silly, a little of this stuff won't do you any harm. A little sip. or a little puff or a little drop or, well, whatever. Don't you do it. I understand that you might indeed be curious but there is also no doubt that you should not do anything about which you have even the slightest pang of hesitation or discomfort.

Remember that no one (almost no one, except of course the Dean, or another administrator) can have you do anything that you don't agree to do. There can be no coercion, even subtle, like implanting the thought that you are the only sissy not to want to jump from the 15th floor into a bucket of water or even a swimming pool (OK, that you would not do, but what about going to a movie or playing a computer game when you still have homework to finish?) I guess there is even subtler stuff, as when you worry that your friends might think poorly of you because (insert your own reason). Would someone like that really be your friend?

Just remember the Falun Gong

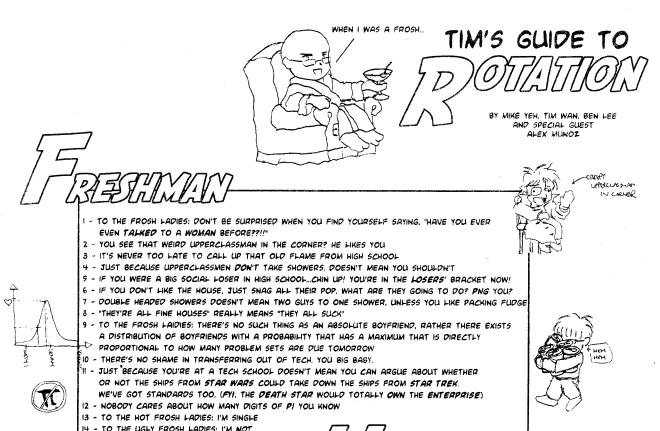
follower who started my musin: torbearance come of the mor-nes of the group) aside, will she suffer the scorn of her co-meditationis s? Sh: obviously does not care, not should you concern yourself with what others think. Just follow the Honor Code and don't do anything which offends any of your own self-defenses. And remember that there are lots of people to turn to it you are troubled or unsure or just for someone to speak to. All are willing to help you, not to judge. Start with your RA, or may be your Advisor, may be your Hovse's BoC rep. Or you can always come to the Dean, or the people at the Counseling Center

So best of luck, be thoughtful, take care of yourself and others as you explore the dangerous and exciting world of your future.

A bientot

Jan Paul Revel

1. Come to think of it, I like the ravenous tiger analogy (active) better than the fire hose image (passive) that is so often used at Caltech.





MOTHER B \$#!!

1 - THE QUICKEST WAY TO HOOK UP? ASK HER, "DO YOU HAVE A HOT SISTER?"

- 2 JUST REMEMBER, WHEN OTHER GUYS ARE TALKING TO YOUR WOMAN (WHETHER SHE KNOWS IT OR NOT), BOX THOSE FOOLS OUT!!!
- 3 THE LONGER YOU STAND AROUND THAT FROSH GIRL THE MORE LIKELY SHE IS TO GO OUT WITH YOU 4 - DON'T GET TOO ATTACHED TO THE EROSH UNLESS THEY'RE IN YOUR HOUSE YOU'LL NEVER SEE THEM AGAIN
- Avoid *finnish* women, even if they ask you out. (They tend to have violent friends) FRESHMEN AS HOT POTATOES...THEY NEED TO BE PASSED TO THE NEXT UNWITTING

UPPERCLASSMEN BEFORE THEY BORE THE HELL OUT OF YOU - RECRUIT THE UGLY FROSH GUYS. (LESS COMPETITION

- 8 IF YOU'RE TALKING TO A PARTICULARLY BORING FROSH, PLAY AN ICEBREAKING GAME WITH THEM...SLAP THEM EVERY TIME THEY MENTION THEIR SAT SCORE, I SLAPPED ONE FOOL SEVEN TIMES.
- 9 SEE THE FROSH ROOM WITH THE DOOR ALWAYS CLOSED? DON'T BOTHER SOCIALIZING WITH THEM. THEY'RE A MATH/PHYS DOUBLE MAJOR ... UNTIL THEY CRACK
- 10 KEEP IN MIND, YOU ONLY HAVE TO BE NICE THIS WEEK...AFTERWARDS THE KIDDIE GLOVES ARE OFF II - ALL THAT PENT UP RAGE AND FUSTRATION? NOW'S THE TIME TO RELEASE IT
- 12 CONVICE THE FROSH TO TAKE YOUR CLASSES. THEY'LL BRING DOWN THE CURVE
- 13 TO THE HOT UPPERCLASSMEN LADIES (WITH BOOBIES): I'M STILL SINGLE



NEXT WEEK NORMAL COMICS!!

## Announcements

The Remaining Student Services Offices have Moved to the Center for Student Services Building (South Wing). Student Affairs would like you to know that the following offices have moved to the south wing of the Center for Student Services building located at 414 S. Holliston:

First Floor **Bursars Office** Mail Code 120-87 Second Floor Dean of Students Mail Code 210-87 Third Floor

THE CALIFORNIA TECH

**Undergraduate Admissions** Mail Code 328-87

Financial Aid Mail Code 110-87

Registrars Office

Graduate Office Mail Code 230-87 Fellowships Advising &Study Abroad

Mail code 319-87

VP for Student Affairs

Student Information Sys. Mail Code 305-87

Mail Code 125-87 Mail Code 210-87 Student Affairs will be hosting a campus-wide open house in early fall. Details will follow soon. In the meantime, please come visit us in the new south wing of the Center for Student Services.

CIT Guitar Classes for the Fall quarter will meet on Tuesdays in SAC Room 1, starting on October 9 as follows: Beginning Guitar Class 4:30 PM - 5:30 PM; Intermediate Guitar Class 3:00 PM - 4:00 PM; Advanced Guitar Class 5:30 PM - 6:30 PM. Classical and flamenco repertoires are explored, but techniques transfer to other styles of guitar. The Beginning Class includes a jazz/folk chord system. Classes are free to Caltech students and other members of the Caltech community (space permitting). Undergrads can receive 3 units of credit. The instructor, Darryl Denning, has an international background in peformance, teaching and recording (two of his CDs are available in the Bookstore). Mr. Denning can be reached at ext. 2923 or (323) 465-0881 or by email at: ddenning@caltech.edu. The Guitar Home Page is: www.music.caltech.edu/denning/index.html.

Caltech Jazz and Concert Band Audition Information Auditions. Thursday, Sept. 26, 1-3 PM Sunday, Sept 29, 12:30 -3 PM Monday, Sept. 30, 3-6 and 8-10 PM. Sign up for audition time on the door of room 15 in the SAC. Audition are very low key!!! Bring your instrument! If you have a prepared piece, that would be excellent, but is not necessary. If you need to borrow an instrument, please contact the conductor or one of the band managers. William

The Faculty Committee on Scholarships and Financial Aid is pleased to announce the recipients of the 2002-03 Caltech Upper Class Merit Awards. Upper Class Merit Awards are based on outstanding scholastic achievement, research, and related endeavors. The awards are made possible through contributions from generous donors who have endowed the competition. Scholarships for the 2002-03 academic year will be provided by the Stuart Foundation (Carnation Merit Scholarships), Lew and Edie Wasserman (Caltech Upper Class Merit Awards), the John Stauffer Scholarship, earmarked for Chemistry/Chemical Engineering majors, and the Rosalind W. Alcott Scholarship. The Committee awarded more than \$1 million to this year's recipients. The following students will receive awards ranging from three-quarters tuition to full tuition plus room and board for the next academic year:

Michelle Allis, Dario Amodei, Vincent Auyeung, Mark Bilinski, Marko Cetina, Julie Cha, Paul Choi, Anita Choi, Wee Kang Chua, Helen Fei-Lun Chuang, Patrick Codd, Clinton Conley, Will Farr, Justin Fox, Martin Grunthaner, Nicholas Guise, Koun Han, Paul Hand, James Hegeman, Geoffrey Irving, Liang Jiang, Cristian Jitianu, Basit Khan, Angel Pui Ying Kong, Tin Yiu Tammy Lam, Christina Lam, Robert Li, Xiaofeng Li, Eric Lin, Jonathan Lin, Po-Shen Loh, Michael Maire, David Moore, Collin Moshman, Gautham Nair, Or Neeman, Nathan Paymer, Kaloyan Penev, Jesse Pino, Michael Rizk, Mark Rudner, Mona Sheikh, Jonathan Simon, Neha Soni, Sindy Kam Yan Tang, Joseph Tremoulet, Nora Tu, Virginia Vassilevska, Yingbing Wang, Jialan Wang, Lizhou Lisa Wang, Sina Yeganeh. Congratulations to all of this year's recipients!

Applications / Nominations Invited for the Everhart Lecture Series 2002-2003. The Everhart Lecture Series selection committee is seeking applications and nominations for speakers for the 2002-2003 lecture series. The Everhart Lecture Series (formerly known as the Distinguished Graduate Student Lecture Series) was created as a forum to encourage interdisciplinary interaction among graduate students, post-doctoral scholars and faculty. Each year, three graduate students are recognized for their exemplary presentation and research skills. They are invited to give a presentation to a general Caltech audience describing recent research developments, problems and controversies, and of course, their own contribution to their field of study. In addition, they are awarded a \$500 honorarium and recognition at graduation. This prestigious honor is sponsored by the Graduate Office and the Graduate Student Council (GSC). For more information and for nomination/application forms, please visit the ELS website at www.its.caltech.edu/~els or e-mail the ELS Committee at els@its.caltech.edu. The deadline for applications and nominations is Monday, October 7. Selections will be made by the end of October.

Aero Association of Caltech general membership meeting will be on Wed. Oct. 30, at 7:30 PM in 201 East Bridge. The meeting features guest speaker Robert Gilliland, retired Lockheed Skunkworks test pilot. Robert has logged more experimental supersonic flight test time above Mach 2 and Mach 3 than any other pilot and was the project test pilot for the SR-71. All members and non-members welcome to attend. For more information on the meeting or joining the Caltech Flying club, please contact Elaine Ou (ou@caltech.edu) at (626) 482-2636.

Would you like a sounding board for an essay or report that you're writing? Need help with a statement for a research proposal or a grad school application? Visit the Hixon Writing Center. The Center's Consultants Service offers free and confidential writing conferences with an English instructor or peer writing tutor. A writing consultation can benefit writers at all levels of ability. Consultants provide supportive, informed feedback at any stage of the writing process-from brainstorming and drafting, to editing and revising. They can also help with writer's block or second-language issues. Consultants do not merely proofread papers or provide remedial grammar instruction, but help writers develop methods for improving their own work. For more information, go to http://www.its.caltech.edu/~writing/.

#### Les-Bi-Gay-Trans Discussion Group

Whether you are out and proud, exploring your sexual identity, coming out, or anywhere in-between, we invite you to our Discussion Group, which meets on the 1st and 3rd Tuesdays of each month from 8:15 until 10:15 pm in the Health Center Lounge. The group is a great place to meet new friends and the atmosphere is generally very relaxed; at the same time, more personal and "serious" discussion topics can be addressed. This is a confidential meeting and attendance does not imply anything about a person's sexual orientation; supportive students and staff are welcome as well. And refreshments are served! For more information call ext. 8331. To find out about LBGT events on campus, please visit the Caltech Student Pride Association (CSPA) calendar at http://rainbow.caltech.edu.

To submit a Mint, e-mail mints@tech.caltech.edu or mail your announcement to Caltech 40-58 Attn: Mints. Submissions should be no longer than 150 words. Email is preferred. No attachments, please. The editors reserve the right to edit and abridge all material. Deadline

is noon Friday. Unless specified, all mints will run for two weeks

## Scholarships

The Hispanic Scholarship Fund The fund ranges from \$1000 - \$3000 for students of Hispanic heritage attending a 4-year college or graduate school. Eligibility requirements include: being a U.S. citizen or legal permanent resident; having a minimum GPA of 2.7; being enrolled full-time; and having completed at least 12 undergraduate credits. Applications are available at www.hsf.net and are due by October 15. 2002.

The Air Force Reserve Officer Training Corps (AFROTC) offers 3.5-, 3, 2.5-, and 2 year scholarships in all majors. The scholarships are generally capped at \$15,000/year towards tuition and fees, with an annual book allowance of \$480 and \$200/month stipend during the school year. Full-time student status, AFROTC program involvement, and a minimum of 2.5 cumulative GPA is required to be eligible. For more information visit www.usc.edu/afrotc/.

The Measurement Science Conference (MSC) has established a fund to grant scholarships to students in an Engineering or Science or Quality Assurance degree program. The scholarship program places emphasis on papers or projects that discuss the advancement of measurement science technology. To be considered for one of five, \$1000 scholarships, individuals must: have completed at least 24 units of upper division courses in an Engineering or Science degree program or five courses in a Masters Degree program in Quality Assurance; have an overall GPA of at least 3.2; be a U.S. citizen; and be able to attend the Measurement Science Conference on January 16, 2003 in Anaheim. Submit an application before November 29, 2002. Applications are available in the Financial Aid Office.

The National Institute of Health (NIH), the nation's premier biomedical research institution, offers an innovative program to support the career development of the next generation of biomedical health researchers - an undergraduate program for students from disadvantaged backgrounds. The Undergraduate Scholarship Program for Individuals from Disadvantaged Backgrounds (UGSP) basic requirements are:

- U.S. citizen, national or qualified permanent resident

- must be enrolled or accepted for enrollment as a full-time student for the 2003-2004 academic year at an accredited undergraduate institution.

must be from a disadvantaged background

must have a GPA of 3.5 or be within the top 5 per cent of his or her class. Complete details including an on-line application can be found at http://ugsp.info.nih.gov. Applications are due by February 28, 2003.

For more information on available scholarships, please visit the Financial Aid web site at http://www.finaid.caltech.edu/news.html. All qualified students are encouraged to apply!



We invite you to participate in Caltech Women's Science Symposium! November 12-13in the Beckman Institute. Sponsored by WEST (Women in Engineering, Science and Technology). This symposium will highlight the achievements of Caltech women scientists at all levels (undergrad to faculty). Events will include:

Research talks by women Caltech faculty

Social events to meet other women scientists \* Professional development seminars

\* Poster session showcasing the work of women students and postdocs

We would like to invite all female students to submit a poster for this symposium. This is a great opportunity to share your SURF, internship, or other research experience. Participation in this symposium will give you an excellent opportunity to network with successful women scientists at Caltech, establish potential mentoring relations, and will look GREAT on your resume and/or grad school applications! Also, we will be awarding \$500 travel grants to the most outstanding poster in each of three categories: undergraduate, graduate, and post-doc. To submit a poster, just send a short abstract (150 words max) to westclub@its.caltech.edu by Friday, October 18. Please note that the entire Caltech community (women and men; students, faculty and staff) are invited to attend the symposium. WEST is also organizing a special two-day workshop on poster design for Oct. 24 and 31. To sign up, send an email to westclub@caltech.edu; priority will be given to those presenting a poster for the symposium.

NewTown Presents Trail Markers II: What Desert? Water-themed site specific installations. Exhibition Dates: Saturday & Sunday September 28 & 29. Times: 9:30 AM to 5:00 PM. Where: Lower Arroyo Park in Pasadena. Address: 300 Block of Arroyo Blvd. (See directions). Tickets Prices: free. Parking: In park with overflow street parking (free). For Richard Amromin at (626)398-9278 or email at Information Contact: akamromin@earthlink.net. Sturdy footwear recommended. NewTown returns to Pasadena's Lower Arroyo Park to address the one universally voiced complaint to last year's highly successful Trail Markers 1? the ghastly September. This year, we invite the public to come to the heat to get cool with 20 site-specific installations with a theme of water. Artists have answered our thematic challenge in 20 different ways: sharing frozen confections from Pasadena's water; sit-down visits in a walk-in swamp cooler; 1920's flapper water-drops; a percussive Rainbird duet; an arid and ominous seascape, and more. Faux water, real water, frozen water, misted water, conceptual water, colored water in tubes, water shadows, shimmering illusions and refreshing realities? all making for an easy, refreshing and stimulating walk through one of Pasadena's loveliest and most fascinating parks. To Find Lower Arroyo Park However you choose to do it, get to California Blvd. in Pasadena. Take it west to where it ends at Arroyo Blvd. (not to be mistaken with Arroyo Parkway). Go right (north) about one quarter mile to Lower Arroyo Park. Entrance is on left. Parking is in a lot at the park or on the street.

# THE CALIFORNIA ECH

Caltech 40-58 Pasadena, CA 91126