

Special Report by IHC

ECO-Rotation Changes

The following is the result of IHC's meeting with Administration regarding rotation

By Tim Black
CONTRIBUTOR

Last week, the IHC agreed on how to implement the recommendations of the Rotation Review Committee. Last Thursday, April 29, the IHC sat down with Anneila Sargent, Peter Daily, Tom Mannion, and John Hall, to get their approval. The IHC will implement the following changes to Rotation this year:

1. Variable freshmen class size

Also known as Eco-Rotation, but everyone hates that name. Historically, each house has reserved a predetermined number of beds for freshmen, and has taken that many freshmen. This will still be the case for the most part – this rule only comes into effect if a house is not ranked highly enough by enough freshmen. If a house fails to attract enough freshmen this fall, they will be penalized in two ways:

They lose all or part of their off-campus alley. The IHC has agreed on the exact number of spots that each house will have at risk. The number varies slightly by House based on how the OCA can be most naturally divided, but in all cases is between 4 and 6 spots. This will take effect immediately.

They will take fewer freshmen. The number of freshmen they give up equals the number of spots they lost from their OCA; again, that's between 4 and 6 spots.

No house can lose more than 6 freshmen this fall. The beds in the house that had been reserved for freshmen must be filled, and it will be up to the House and Housing to fill them. A straightforward way to fill the spots is to have the people who were booted from the OCA move into the House. Alternatively, the people from the OCA could move into other off-campus housing, and other off-campus upperclassmen could move into the House.

If a house is penalized and takes fewer freshmen, other houses will have to take more freshmen to make up for it. If one House takes fewer freshmen, some other houses will have to take one or two extra freshmen. Even if two Houses are penalized, no house will have to take more than two extra freshmen. The Houses that have to take the extra freshmen will be chosen independently of the popularity of the House; the

See ECO-ROTATION on pg. 6

Percentage of Admitted Females Raises Questions

By Sarah Marzen
COPY EDITOR

The female to male admit ratio at Caltech has risen steadily over the past four years, even though the percentage of applicants that are female has stayed steady at around 25%.

Four years ago, Caltech admitted females and males at roughly the same rates, and the admitted class was 28.5% female. This year, Caltech reached an all-time high: females were admitted at nearly three times the rate of males, and the percentage of admitted females hit 45%.

For many students, the increase in the percentage of admitted females is cause for celebration.

But in lounges, hallways, at Chandler, and behind closed doors, people speculate as to why the ratio of women to men is climbing. Could it be that Caltech's notoriously meritocratic admissions process is practicing

some form of affirmative action? "No," said Ray Prado, interim Admissions Director. "It's all in recruitment."

Caltech's admissions process, he said, has no favoritism towards women or minorities or anybody else. "Our admissions process ensures that we admit the best prepared applicants."

Caltech students and faculty directly help decide the incoming freshmen class, unlike at any other college. Student and faculty involvement is prized by Admissions staffers, according to Prado, and helps safeguard the meritocracy of the admissions process.

However, even the students on Admissions Committees can't agree as to whether or not affirmative action has snuck into Caltech's admissions process.

"To the best of my knowledge, Caltech does not have gender quotas," said one student on this year's Admissions Commit-

See ADMISSIONS on pg. 6

Techers: Happily Stressed?



By Sandhya Chandrasekaran
STAFF WRITER

There has always been some debate about whether happy cows come from California. The results of the Daily Beast surveys, on the other hand, make it quite clear that happy students do.

A few weeks ago, the Daily Beast, an American news reporting and opinion website, ranked "The 100 Happiest Colleges" across the U.S. Caltech nabbed the spot as the eight happiest college. Earlier this month, Caltech came in ninth on a list of the "50 Most Stressed Out Colleges" from the same opinion website.

Caltech's double placement wasn't unique. Two other universities that had been labeled as one of the hundred happiest colleges (Stanford University and Harvard University) were also labeled as one of the ten most stressed out colleges.

In order to determine which colleges were happiest, the Daily Beast equally weighted seven different criteria. Student opinion on campus housing, campus dining, and nightlife was gathered from College Prowler, an online college ranking website. University statistics on average graduate indebtedness, average freshman retention rate, and the number of student clubs and organizations were collected from the U.S. News and World Report. Even weather data from the National Oceanic and Atmospheric Administration was taken into consideration.

Based on this methodology, the Daily Beast determined that six of the top ten happiest schools are in California, and five of these are in sunny Southern California. Four of these are located in the city of Claremont-- Claremont McKenna College, Pomona College, Harvey Mudd College, and Scripps College.

To determine which schools

were stressed out, the Daily Beast focused on the top 50 universities in the U.S. and World Report rankings and took five main criteria into account: cost (35%), competitiveness (35%), acceptance rate (10%), graduate engineering rigor (10%), and campus crime rate (10%). Stanford University won first.

Vanderbilt University outscored Caltech only in terms of crime rate and cost, both non-academic factors, but nabbed the seventh place spot on the list of stressful colleges.

The pool of schools came from a large sampling population: the top 50 public universities, top 50 liberal arts colleges, and the top 50 national universities according to U.S. News and World Report's Best College rankings, as well as the 50 largest universities by enrollment according to the National Center for Education Statistics.

Joint Party with Harvey Mudd and Scripps Canceled Due to Mudd Cuts

By Gloria Tran
STAFF WRITER

The joint Harvey Mudd-Scripps-Caltech party scheduled for Saturday, May 8 was cancelled due to financial shortcomings on Harvey Mudd's end as well as a lack of interest from Scripps.

Plans for the party began at the beginning of March when ASCIT president Adam Khan contacted the student-body president from Harvey Mudd to gauge interest for another joint party similar to last year hosted at the Harvey Mudd campus in Pomona.

ASCIT was in charge of organizing the party. "On our end, the progress was on schedule: we had

booked one DJ and were in contact with another DJ, had planned out what space we were going to use for the party, and had decided on how we were going to set everything up," commented Khan.

Harvey Mudd would be in charge of getting their students to Caltech, which was essentially the reverse of roles last year. Initially on board, Harvey Mudd finally disclosed only last week that they had insufficient funding to provide busing or other transportation. On April 23rd, Harvey Mudd reported that they had already allocated all the money in their budget elsewhere. At this point of time, they were also unable to get a response from the President or Social Directors at

Scripps on whether or not they wanted to attend the party.

The buses were estimated to cost \$3000, while ASCIT budgeted about \$4000 to \$5000 on the party itself. With the prediction that parties in general tend to run over budget, the entire party would have come up to just under \$10,000. While ASCIT worked with Harvey Mudd to find other sources of funding, it did not think it was worth it to sustain the party on its own, especially with an apparent lower enthusiasm on both ends for the party. Perhaps, the prospect did not have the same novelty as last year's party, Khan comments.

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Arizona's New Immigration Bill Promotes Racial Discrimination

By Pradeep Ramesh
STAFF WRITER

The recent immigration bill that was passed by the Arizona state legislature and signed into law by Governor Jan Brewer on April 23, 2010 is an ineffective piece of legislation whose linguistic ambiguity not only hinders its implementation, but also inadvertently promotes racial discrimination.

The most controversial aspects of the legislation stem from Section 11-1051 which amongst other provisions, permits "lawful detentions" by law enforcement officials on the basis of "reasonable suspicion that the person is an alien and is unlawfully present in the United States." The provision stipulates that "a reasonable attempt shall be made, when practicable, to determine the immigration status of the person" and that "a law enforcement official... may not consider race, color, or national origin in implementing [this law] except to extent permitted by the US or Arizona Constitution."

The following are considered acceptable proofs of US residency and/or citizenship:

1. A valid AZ driver license
2. A valid AZ non-operating identification license.
3. A valid tribal enrollment

card, or other form of tribal identification

4. Any valid US federal, state, or local government issued identification.

The immediate question that comes to mind is how exactly is a law enforcement official supposed to pick out an illegal alien? The law is thankfully descriptive in this regard.

Given that the majority of illegal aliens in this country are from Latin-American countries, the officer is left with little choice but to discriminate against them in enforcing this law. Furthermore, given that there is no marker for suspicious behavior characteristic of an undocumented immigrant, and coupled with the fact that police officers are not allowed to discriminate, the law is effectively a self-defeating measure. Instead, it imposes an unfair burden on Hispanics and residents of Latin-American descent in Arizona, who are now forced to prove their status when asked; in addition, the measure provides sufficient motivation for illegal immigrants to leave the state and relocate elsewhere thus having a two-fold effect. The first of which is that the economy of Arizona will be adversely affected by the measure and secondly, the law does not solve the bigger problem at large but forces an underground community deeper into the shadows.

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Letter to the Editor

In last week's "ASCIT Formal future uncertain" email, Addie Rice cited 40% in favor of ASCIT formal as a reason for doing away with it; expense was another factor mentioned. Then, she makes the baffling move of suggesting as an alternative (1) an expensive "music mashup group"; (2) a "tea dance" with faculty attendance and ballroom dancing lessons; and (3) both in one night.

I only ask that she consider doing a similar poll with regard to these events. If either manages to exceed 40% popularity, I will buy a hat for the express purpose of eating it. And while I'm not immersed in the complicated ledgers of ASCIT's financial coffers, I can't imagine such a joint event would cost any less than an off-campus formal.

Domenic D.

Corrections

For an updated version of the Q&A with Professor Bruck, please see the online edition of the Tech at tech.caltech.edu.

2009-2010 Financial Aid Hard Deadline for Graduate Students

Reminder - the Financial Aid Office has a hard deadline and will not process any graduate **2009-2010** applications for loans completed **after May 14, 2009**. Therefore if you are still planning on applying for loans for the 2009-2010 academic year you must submit all the required documents before the published deadline. Otherwise, you will need to find alternative ways to finance your education at Caltech. If you have any questions please do not hesitate to contact us by stopping by our office, calling at (626) 395-6280 or emailing us at finaid@caltech.edu.

*The Green Review***Green Fad With Some Scientific Oomph***Barefoot running gains momentum; its benefits scientifically supported***By Tina Ding**
EDITOR-IN-CHIEF

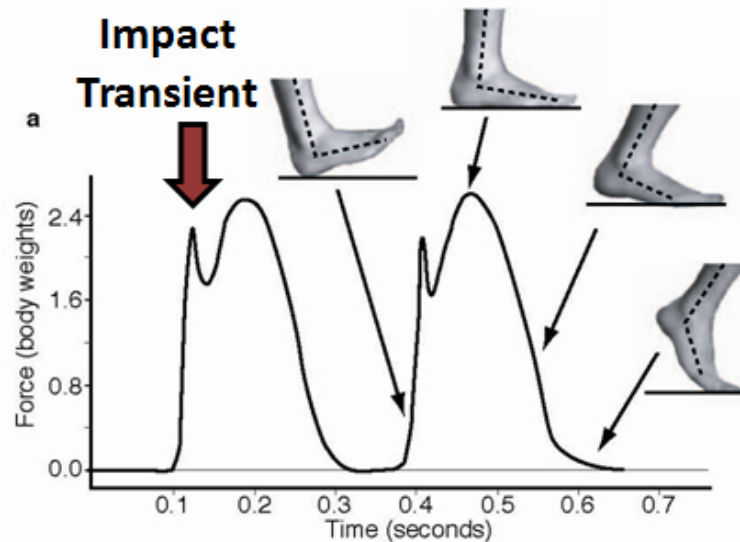
Turns out, Darbs are not the only intellectuals who are pro sans-shoes. Harvard Professor of human evolutionary biology Daniel Lieberman, a.k.a the Barefoot Professor, is well, just what his title claims to be. "The common saying 'All you need is a pair of shoes [to run]' is not really true," said Lieberman in a *Nature* Video. "All you need is feet."

When one of my closest friends recently got very obsessed with this concept, from first just buying a pair of Vibram Five Fingers, to eventually barefoot running, I dismissed the subject in annoyance. Vexed by how ridiculous some "environmentally friendly" and "healthy" ideas have become, such as the disgusting Lean Eats sold at the C-store and attempts to mimic the diet of our evolutionary precursors in the

Paleolithic era (a.k.a. the Paleo diet), I threw this equally pretentious-sounding idea into the bin of bogus. Eating and being healthy is not something that requires extensive time consuming investment and analysis.

But this barefoot running phenomenon is different. It's spreading at a remarkable pace in the social and academia community, influencing consumer products such as Vibram Five Fingers and the Terra Planna's VivoBarefoot, the line of shoe "technology" aimed at simulating barefoot walking. The phenomenon is being legitimately recognized by popular magazines such as *TIME* to prestigious academic journals such as *Nature*. In fact, the science, the classical Newtonian physics of foot collisions, appeared on the cover of *Nature* in January 28, 2010. Its content was not simply a News&Views page in the highly acclaimed journal, but a six page publishing in Letters discussing the research in collision forces of habitual barefoot vs. shod runner with data obtained from endurance runners who wear conventional shoes to barefoot running athletes from the Rift Valley Province of Kenya.

The most important backing for the superiority of barefoot running over wearing Nikes as written in the *Nature* paper is that modern cushioned running shoes lead to the dominance of rear-foot strike (RFS) landings in strides, whereas barefoot runners land most frequently on fore-foot strike (FFS), followed by occasionally the mid-foot strike (MFS), and least often on RFS. Rear-foot



Force over time graph depicting the impact of rear-foot strike (RFS), mid-foot strike, and fore-foot strike. There is a high strong impact peak correlated with RFS.

strike results in sudden forces upon impact with "high rates and magnitudes of loading" which affects the body and increase the chance of running-related injuries, "especially tibial stress fractures and plantar fasciitis." Barefoot running reduces the RFS induced potentially hurtful impacts (MFS and FFS does not exhibit this behavior), modeled by simply integrating force over time. Furthermore, the ankle, located right above the RFS impact, barely converts translational energy to rotational energy, with most of the energy lost in the impact. This results in RFS impact having greater effective mass (think $Momentum = Force \times time = mass \times velocity$) than MFS and FFS impact which converts translation to

rotational energy more efficiently. The arch of the foot together with your bent knee act as a spring and makes for smoother energy transfer rather than the jarring motion when one land on the heel out in front of your center of gravity.

Through this, the author concludes that the mass contributing to RFS impact comes from not only the feet and ankle, but also above the knee, which leads to the frequent injuries from long-term heavy running. Running with your Asics has thus been scientifically shown to lead to higher chance of injury than going barefoot.

As idealistic as this idea presents itself, it's not as simple as it sounds. Chances are if you were to go out there and start running

sans-shoes, your body will not be accustomed to suddenly using the calve and foot muscles to drive the movement rather than the heel-striking that is the most habitual. It's definitely something that needs easing into.

Vibram Five Fingers (VFFs)

VFFs are a popular line of so-called "minimalist footwear" often worn by proponents of barefoot sports. VFFs act as a glove for the foot, with individual slots for each toe allowing them to move more freely. Thin, pliable rubber soles provide protection from sharp objects while still allowing the foot to feel the ground.

Originally designed as boat shoes in 2006, VFFs gained popularity among barefoot enthusiasts with the success of Christopher McDougall's *Born to Run*, which features them prominently. They were also named one of the best inventions of 2007 in *TIME* Magazine. Vibram calls their product the "barefoot alternative" and suggests a number of activities that are well-suited for VFFs, including running, trekking, water sports, and yoga.



Vibram Five Fingers

**IHC Weekly Meeting - Page - April 22, 2010**

Present: Tim Black (chair), DK Lim (Avery), Chris Whelan (Blacker), Andrew Price (Dabney), Lucas Hartsough (Lloyd), Paul Fleiner (Page), Will Steinhardt (Ricketts), Dan Kolodrubetz (Ruddock), Laura Conwill (secretary)

Absent: Alex Lapides

Guests: Daryl Coleman, Jonathan Yeung

PSA: Will thinks Dan is his muffin, and would like to publicly state that he loves Dan.

Upperclass Admissions: The Upperclass Admissions Committee needs a couple more people to help read applications this weekend. Tim emailed the Freshman Admissions Committee members, and Laura Conwill and Jacqueline Rousseau volunteered. Everyone but Will is in favor of appointing them. Will is not in favor to be obstinate.

Trustee Walkthrough: The Trustees are coming next Monday. Everyone should be nice and clean. The topic of the meeting this term is admissions. Geoff Blake, as MOSH and faculty chair of admissions, is going to be presenting.

Prefrosh Weekend: Prefrosh Weekend and Student Life Saturday were last weekend. Seventy prefrosh registered for SLS, and 20 more stayed without registering ahead of time. It was difficult to coordinate two separate events; the IHC will speak with Admissions about how PFW will be organized next year.

Committee Interviews: Committee sign-ups will be posted this afternoon and will remain up until Friday, April 30. Interviews will be the weekends of May 7 and 14.

Submitted by Laura Conwill
IHC Secretary

ASCIT Board of Directors Meeting - April 19, 2010

Officers Present: Adam Khan, Brian Merlob, Addie Rice, Prakriti Gaba, Karthik Sarma, Chris Hallacy, Tim Black
Call to order: 2:11 pm

President's report:

- **Endowment:** Adam is still working with Anthony to help houses start fund-raising, etc. so that they can continue/begin building an endowment. Avery and Ruddock are very interested and involved in the process.
- **Meditation room:** Adam will talk to people about meditation room on Wednesday.
- **Coffeehouse:** We will be holding interviews for people who expressed interest in managing the coffee house and will be appointing two new managers soon.

Officer Reports:

- **V.P. of Academic Affairs (ARC Chair):** Karthik is working with the ARC on how to get pre-frosh more involved and exposed to activities on campus during frosh camp. ARC Appointments are also up in the RF courtyard.
- **V.P. of Nonacademic Affairs (IHC Chair):** The IHC will be meeting with Anneila to talk about rotation. IHC-appointed Committee signups are posted in the RF courtyard.
- **Operations Director:** The Alumni Association has emailed Merlob about the frosh lunch in May, and he will be sending an email to frosh later this week with the details. 12 DVDs have been taken without being checked out and we are trying to locate them, so please contact us if you have any info on the location of them. ASCIT will be meeting with approximately 20 clubs this week to continue to discuss funding.
- **Treasurer:** Hallacy has made checks out to houses for pre-frosh weekend events. Allen was paid for buying donuts.
- **Social director:** Addie has booked one DJ for the Harvey Mudd party and hopes to book the second one soon. She has sent out an email looking for volunteers for the party.
- **Secretary:** Bylaws were updated online. Hallacy and Prakriti will be working with housing to make the ASCIT board waterproof. Prakriti will be meeting with Laura Conwill, the IHC secretary, to collect the resolutions and then post them online on the Donut website.

Scheduling:

- **Club meetings:** will take place this week on Monday and Wednesday.

Meeting adjourned: 2:52 pm

Submitted by Prakriti Gaba
ASCIT Secretary

Senior Class Co-President Statements



Alan Pezeshki and Christina Weng
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The past three years have been marked by challenges and personal achievements for all of us, and we are excited to be graduating as the Caltech Class of 2011. Graduation should be a celebration of all of the experiences and friends we have made along the way. As your class co-presidents, our top priority is to secure a commencement speaker that you will be excited about. We will contact potential speakers early, before their calendars fill up. Another component of the co-presidents' job is to make sure Ditch Day is enjoyable for both seniors and underclassmen. One area we are paying particular attention to is the financial support provided to the seniors to build their stacks. We are aware of funding issues in the past, and our goal is to reduce or eliminate the need for seniors to contribute significant amounts of their own money.

Both of us have been active in the Caltech community since our freshman year, and we also have experience in organizing student activities such as Decompression and Interhouse sports. We've worked with administration on a variety of issues, and we feel very comfortable in expressing your opinions to them. We have a lot to look forward to next year, and we'd like to make sure everything from the senior class trip to commencement is an experience you will want to remember.



Kati Peters and Sarah Griffis
kpeters@caltech.edu
sgriffis@caltech.edu

Hi! We're Sarah and Kati, and we are looking forward to representing the Class of 2011 as Senior Class Co-Presidents. As the former Secretary of her house and a volleyball captain, Kati is familiar with working with administration and being a leader. Likewise, Sarah has been the Vice-President of the Society of Women Engineers and represented our campus while studying abroad. Together, we have played on the volleyball team, worked as tour guides, and participated in the Prefrosh Weekend Committee. We are confident in our ability to work well together.

During our time on the Prefrosh Weekend Committee, we represented different houses. By effectively working together, we met both the needs of each of our own houses, and the concerns of each of the other houses. The experience of incorporating the desires of many houses cohesively is not only beneficial while planning senior class events, but necessary.

Senior year is definitely a crazy one, but as a BEM major and an ESE major we have finished the majority of our requirements. Neither of us currently holds major offices, and we don't have any other large responsibilities in the coming year. This will allow us to concentrate entirely on making your senior year awesome. Having considered running for Senior Class Co-Presidents for some time now, we've had a chance to talk to past Co-Presidents about what we can improve on. Although we don't want to reveal all of our master ideas, some of them include doing more campus-wide Ditch Day fake-stacks and, of course, bringing in an awesome speaker for graduation.

Thanks for taking the time to read our statement, and vote for Sarah and Kati for your Senior Class Co-Presidents!



Paul Fleiner and Perrin Considine
pfleiner@caltech.edu
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Dear Class of 2011,

We are running for Senior Class Co-Presidents because... we kinda rock ("we" = the entire class of 2011). And we'd really like to express our appreciation by throwing you an incredible Senior Banquet and getting a Commencement speaker that will blow your freaking minds to shreds. We will try-- nay-- we will promise that Ditch Day does not become Bitch Day. You know... the usual way people express their gratitude around here...

We're both careful, responsible, and experienced enough. We're sensitive to the point of tears; responsible to the point of frustration; and heroic even in the face of infertility. We will reduce the budget; right the wrongs; and either conquer or annex Antarctica by June 2011.

Class of '11, we can truly represent you. That is, as much as two people realistically can. In the end, it's up to you. Whatever happens, we will do our best to ensure one heck of a Senior Year for everyone.

Heroically,
Paul and Perrin

Late-Night Snacks Continues to be Available, Provided by CDS

By Casey Jao
STAFF WRITER

Four weeks ago, Caltech Dining Services began delivering late-night snacks to the undergraduate Houses on Sundays through Thursdays. The deliveries were originally part of a two week experiment in response to student comments that they studied late and there was no food available" after Coffeehouse closed at 2am, wrote Dining and Housing director Peter Daily in an email. As "student feedback has been positive...we decided to give the program a longer trial and will continue to near the end of the term," he wrote.

"The night food is really good but they should have more strawberries because those are the tastiest. The lemonade is super sour and non-sour lemonade like totally pwns sour lemonade...But it's very important that we keep having this food because it is tasty and we're hungry at 2:30 every morning," said a freshman in Dabney.

Should the program continue next year, it would include Marks and Braun as well since they will be on the board plan, and according to Daily "it will not impact the cost of the board plan." Student employees might also help deliver the food. Currently the Coffeehouse manager, Jon-Michael Sanchez, is responsible for carting the food to all the houses after closing up Coffeehouse.

Joint Party Cut

Continued from Page 1

The money set aside for the party will possibly go towards an end-of-term ASCIT concert, depending on the results from a survey emailed.

"While I was personally a little disappointed with having to cancel the Harvey Mudd-Scripps Party, ... I think that a concert at the end of the term would be a nice way to spend this money from our social budget and would be a nice note to end the year on."

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Announcements

EXPLICIT: I Love You, You're Perfect, Now Change!

The Extracurricular Players at Caltech (EXPLICIT) will perform the hit Broadway musical "I Love You, You're Perfect, Now Change!" three times at Ramo Auditorium: this Friday at 8 PM, this Saturday at 2:30 PM, and this Saturday at 8 PM. Tickets are free for Caltech students, \$5 for Caltech staff, faculty, JPL, and other students, and \$10 for general admission. Tickets must be picked up or purchased from the Caltech Ticket Office (332 S. Michigan, 626-395-4652) or at the door.

This is an entirely student- and community-run production of a hilarious, long-running Broadway favorite about loving, losing, and coming back for more. The play will be directed by undergraduate Christina Kondos. For a list of cast, music, and crew members, please see <http://explicit.caltech.edu/>.

Semana Latina

Monday May 3rd

12-1 PM North of Winnett: FREE Tacos, Mariachis

11-1 AM Red Door: Sangria, Paella, tortilla Espanola \$4 Movie: Bajo la Misma Luna

Tuesday May 4th

12-1 PM South of Winnett: FREE Argentinean Asado, Tango Dancers

11-1 AM Red Door: Mate cocido, empanadas, churros con dulce de leche \$4 Movie: El Secreto de Sus Ojos

Wednesday May 5th

12-1 PM South of Winnett: Oaxaca Festival: Guelaguetza Dance, FREE Food: mole negro, mole rojo with chicken and rice, and agave de horchata Exhibition: traditional garments, metal work, paintings

Thursday May 6th

12-1 PM North of Winnett: FREE Horchata, Tuna, Jamaica, Chicha Caltech Jazz Band, Papi futbol tournament Followed by Messi Jersey Raffle

10-1 AM. Red Door: Gallo pinto, cajeta de coco, pineapple juice \$4 FIFA Night

Friday May 7th

12-1 PM North of Winnett: FREE Homemade Desserts, pinata, Samba Dancers

Saturday May 8th: 8-2 AM Winnett Salsa Club's Salsa Party with live band Rumbankete, DJ, drinks and treats.\$10 entrance



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MAKES A TWO-YEAR-OLD
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Admissions Changes Recruitment

Continued from Page 1

tee.

"I don't think so," said another student on this year's Admissions Committee, in response to Prado's theory that increased recruitment of women has led to a higher percentage of females. "I don't have a problem with more women or minorities, but I want people to get in because they deserve to get in on the basis of merit."

It's difficult to debunk any such claims. However, Caltech's recruitment policies have changed undeniably from four years ago.

Changes in recruitment

Former Admissions Director Rick Bischoff made at least one change to Caltech's recruitment procedure during his tenure as head of Admissions Office.

Every year, colleges pay College Board large amounts of money for the names of high-scorers on the SAT, PSAT, SAT II subject tests, AP tests, and so on. Caltech purchases roughly 70,000 names of high-scoring high school students every year.

The names are purchased in a way that favors females. Females don't have to score as highly as male peers on standardized tests in order to receive Caltech recruitment mail, according to Admissions office staffer Scott Jung.

Bischoff expanded the pool of students that Caltech paid for from those that claimed to be interested in STEM (science, technology, and math) to all students that score well on the PSAT math section, regardless of whether or not they claim to be interested in STEM. According to one Admissions staffer, this widens the net of women recruits. Furthermore, this might lead to a higher percentage of less qualified male applicants.

The practice of paying for non-STEM high-scorers continues today. Juniors and sophomores in high school don't really know what they want to do, said Prado. "Some of the people that don't check STEM are checking undecided."

The extra names cost more than a few extra bucks, but Admissions made up for the extra

cost by saving roughly \$30,000 on recruitment materials by moving away from expensive print mail and towards online recruitment.

Now, Caltech Admissions attracts students using monthly email updates, Admissions blogs, and Webinars. Webinars are like online Admissions presentations, except that the size of these information sessions is not limited by the size of Avery library. One Webinar can attract 200-300 participants, according to Prado.

The old-fashioned viewbooks, on-site information sessions, and postcards are still there, but they aren't the force of Caltech's recruiting techniques.

The online Webinars are a particularly novel recruiting concept, according to Prado. "We're really at the forefront," he said. "I don't know of any colleges that are doing this."

Prado and Admissions office staffer Cameron Pinckney, who thought up the idea for Webinars, will sometimes come in at 4:30 A.M. and leave late at night. This helps them span time zones.

These online recruiting techniques may have indirectly led to a deflation of male admission rates. According to Prado, a higher percentage of the international applicants are male, but there is a cap on international admits.

Speculation

Without numbers, those who are familiar with the Admissions process are coming up with all kinds of other explanations for the rising number of females.

One Admissions Office staffer partially attributed the increase in the number of admitted females to the higher number of quality pre-med female applicants that were attracted by Caltech's UCSD Medical Scholars program. The Med Scholars program guarantees UCSD Medical School admission to Med Scholars that maintain a 3.5 GPA at Caltech.

The actual application swung towards more essays several years ago, which might have given a slight edge to female applicants.



Eco-Rotation Updates

Continued from Page 1

IHC did not want this rule to punish popular Houses. Freshmen are guaranteed beds in the Houses they rotate into, so Houses that take extra freshmen need to have somewhere for those freshmen to live. If the House has extra open spots, the freshmen could move into those; some Houses reserved an extra room for freshmen in case this happens. If there are not enough beds for the extra freshmen, upperclassmen will need to move out of the House to make room for the freshmen. It is up to each House to decide who gets booted; this procedure should have been described to you at your House's room picks.

The IHC has decided on the specific criteria for declaring that a house has not been ranked highly enough and should be penalized. Those criteria are rather entangled in the picks procedure. The picks procedures are not public, and so the criteria for being penalized will not be stated exactly. The IHC has agreed that the criteria make it so that a house would only be punished in a very extreme circumstance, and that houses will not need to "put on a show" to avoid being at risk of getting punished.

In the case that a House is penalized this fall, there could be more severe penalties in future years. The details of those penalties have not yet been decided. But roughly, they are:

The first year, the House can lose its off-campus alley, as described above.

The year after losing an off-campus alley, if a house again fails to attract enough freshmen, it regains its OCA but loses an on-campus alley.

The year after the above hap-

pens, if a house again fails to attract enough freshmen, it once again loses its OCA in addition to the on-campus alley it already lost.

The year after the above happens, if a house again (for a fourth time) fails to attract enough freshmen, something terrible and unspeakable happens that has yet to be decided.

On the other hand, if a house that has been penalized in a past year does not fail to attract enough freshmen in a future year, their penalties can be undone.

The motivation behind this rule is to discourage Houses from having a strategy of scaring away freshmen so that freshmen are more comfortable during Rotation. The goal is not to "kill off" Houses that the administration doesn't like. On the contrary, everyone on the IHC cares a lot about all eight Houses and thinks that it is very important for each of them to have the freedom to be who they are. This rule is about making freshmen who might be more sensitive, especially during their first two weeks in college, feel more comfortable.

2. Policy review

The administration received complaints about a number of institute policy violations. Institute policies will be emphasized to incoming freshmen in meetings during orientation. Reminders of all policies will be emailed out to all students. House leaders will go over the policies with their houses during meetings they already have scheduled around that time of year.

3. Increased communication

Houses will be asked to em-

phasize the presence of their House UCCs at Rotation meals. About half way through Rotation, there will be an IHC panel about Rotation, where the IHC will give reminders to the freshmen and freshmen can ask questions they have. At the end of the panel, freshmen will split into their orientation UCC groups so they can discuss things that they didn't want to bring up in front of everybody. Freshmen who still have questions can stay and ask them to members of the IHC one on one.

Freshmen will be told about the availability of non-House options for students who feel very uncomfortable with the House system.

4. Alumni and alcohol

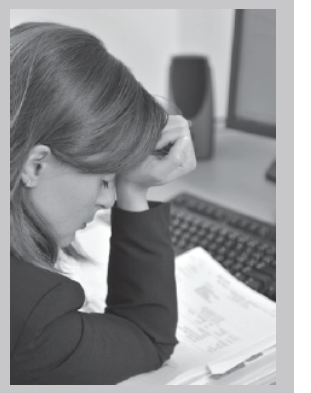
Only current members of the Caltech community will be allowed at Rotation events (in particular, people who are currently covered by the honor code). Grad students will be allowed, as will students who are taking time off but are currently trying to UASH back in. All other alumni and students taking time off will not be allowed at Rotation events.

Alcohol will not be allowed at Rotation meals or receptions.

5. Orientation and Rotation Schedule

This past year Rotation meals started before orientation was over. Orientation and Rotation will return to its old schedule, with orientation running Sunday through Friday (off-campus at the beach from Monday to Wednesday), and Rotation starting on Saturday. The hope is that freshmen will be less distracted by Rotation before orientation is over.

Excessive daytime sleepiness associated with narcolepsy?



Being sleepy throughout the day is more than just a nuisance, it's a heavy burden. If you're narcoleptic and routinely find yourself feeling really sleepy during the day, you might suffer from Excessive Daytime Sleepiness, or EDS.

We're undertaking a research study of an investigational drug therapy for EDS associated with narcolepsy.

To qualify for this study, you must:

- be between the ages of 18 and 55
- be in generally good health
- have experienced excessive sleepiness in connection with a narcolepsy diagnosis
- not currently be diagnosed with a sleep disorder other than narcolepsy

Women who are able to become pregnant must use a medically acceptable method of birth control for the duration of the study. **Women who are pregnant or breastfeeding are ineligible for the study.**

If you qualify to participate, you'll receive the study drug and all study-related physical exams and laboratory tests at no cost. You may also receive compensation for time and travel.

For more information about this study please contact:
www.NarcolepsyStudy.com
 Toll-free: 1-866-497-5211

Athlete of the Week:

Anton Karrman



Anton is a junior Lloyd and Fleming House member who runs cross country and track. He is currently on the top 10 men's all time list for the 3000 m and 5000 m.

1. What is your major?
Awesome Cool Major also know as ACM or Applied and Computational Math
2. People will be surprised to know . . .
I raced a 5K in Hong Kong while working there the summer of 2008...
3. What do you enjoy doing in your free time?
Playing piano, listening to music, hanging out, watching shows/movies, going out on the town until late, speaking French or broken Italian, eating (lots of) food, etc.
4. Favorite movie?
Eurotrip. But only after watching it like 3 times with friends is it that funny.
5. Describe your sport in 3 words?
Painful, exhausting, yet delightful
6. What teammate has inspired you the most?
The beast that is Matt Kiesz ('08).
7. Favorite quote?
"We should take care not to make the intellect our god; it has, of course, powerful muscles, but no personality." - Albert Einstein
8. Where do you get motivation from when things get tough?
Amazing friends, awesome coaches, and incredible parents.
9. If you hadn't come to Caltech where would you be now?
I would have run for Harvey Mudd on the CMS team.

Upcoming Games

- Saturday, May 8th
1pm T&F @ Oxy Invitational
- Thursday, May 13th
2pm T&F @ CMS Classic Multi-Event
- Friday, May 14th
2pm T&F @ CMS Classic Multi-Event
- Saturday, May 15th
11am T&F @ Cal State LA Invitational



Weekly Scoreboard

April 30, 2010

Baseball
11 La Verne
1 Caltech

Women's Water Polo
2 Caltech
23 Pomona-Pitzer

May 1, 2010

Baseball
4 Caltech
34 Redlands

May 1, 2010

Women's Water Polo
3 Caltech
18 Redlands



May 1, 2010

Women's Water Polo
3 Caltech
18 Redlands

May 2, 2010

Women's Water Polo
3 Caltech
9 La Verne



Alex Lapides Captures SCIAC Championship

Junior high jumper, Alex Lapides, won the SCIAC Championship, clearing a height of 6'4" in a close battle with conference rival Ryan Pittman of Claremont Mudd Scripps. "Alex has battled through injuries all season and continued to train hard," said Coach Julie Levesque, "This is very exciting".

Types of Late Night People in the Library

1. Sexiled Roommate

You can find this person spread out on one of the couches, trying to catch some z's while his roommate is hopefully not catching something else. He would usually crash on someone else's couch, but a fellow sexilee beat him to it. The only other comfortable couch in his house is the one his roommate is using, but not sleeping on.

2. The Procrastinator

This person has his work spread out all around him, but he's been distracted by Youtube clips and reading Cracked.com. He would've worked on his stuff earlier, but he refused to stop playing FIFA 2010 until he beat his friend. He's got eight hours until the homework's due, so he's fine.

3. The Guy who works alone

Everyone else worked together and finished this set in half the time that he'll end up spending on it. Whether he just likes working by himself, or simply hates other people, you can find this person poring over his work, trying to find out why his integration is wrong, not realizing he turned one of the negative constants into a positive.

4. Nocturnal Owl

This guy once had a normal sleep schedule. When he was in high school, he was in class by 7:30 in the morning. Now, dinner is his breakfast, and breakfast is his late supper before going to bed. His skin is pale white, as he hasn't seen the sun since he was dropped off by Supershuttle at the beginning of the term.

5. The Guy who has no life

A fixture of the library, you can find this person on the third floor on every weekday night. Caution is needed when approaching him, as he is apt to take off his belt while standing in front of you. He also enjoys romantic candlelight dinners and long walks by the beach.



Go check out www.holytaco.com for the scoop behind this photo.

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