



Prefrosh Adam Ball flashes a particularly modelesque smile while he waits on the Olive Walk to go to Frosh Camp. For more pictures of Freshman Orientation, turn to pages 4 and 5. -Stanford Schor

Enormous prefrosh class arrives at Caltech

STANFORD SCHOR
Editor-in-Chief

On the morning of September 16th, the cars, vans, and Super Shuttles arrived at Caltech by the

dozens to deposit the Class of 2016. As a record-breaking 275 students received their initial housing assignments, they were soon spread throughout the campus, flush with anticipation of

Rotation and the start of classes.

At convocation, students watched with rapt attention as Professor John Grotzinger spoke about the recent success of

the JPL Mars Rover. Emphasizing the enormous time scale of cosmic studies, he called upon the Class of 2016 to take up the mantle of discovery in a few years when they graduate from Caltech.

In closing remarks, President Jean-Lou Chameau paid homage to the diversity of the enormous large Class of 2016. Among many other accomplished students, the Class contains a blacksmith, an individual who created a measurement system

consisting entirely of Froot Loops®, and a young woman from Iowa who designed her own wetsuit. As a whole, 32 states and 14 countries are represented in the Class of 2016.

Following Convocation, students joined their Frosh Camp UCCs at President Chameau's house for an introductory dinner before heading to Frosh Camp the following day. *The Tech* once again tag along to share in the fun and

excitement of Frosh Camp. Through scavenger hunts, an Honor Code talk given by the Board of Control, skits addressing life at Caltech in the Challenges and Choices session, and even mealtimes, we have faithfully attempted to document the prefrosh experience. Approximately 300 pictures were taken of the prefrosh festivities, and those that best represent the spirit of orientation appear in this issue.

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Helping readers burst out of the Caltech bubble

Need to know

< **100** words about the world this week – topics sorted from good to bad

by *The Tech* Eds

- Octogenarian rescued** **84** -year-old woman in Maine saved from drowning in harbor [Fox News]
- Mentally ill rehabilitated** **360** developmentally disabled patients reintegrated into community [NYT]
- Pussy Riot appeals** **3** band members get new hearing after being sentenced to two years [BBC]
- Gitmo prisoner returned** **15** when convicted, Omar Khadr transferred to Canadian prison [BBC]
- Earthquake hits Bogota** **7.1**-magnitude earthquake strikes Colombia, most powerful since '04 [AP]
- Torrential rains in Spain** **10** killed in heavy floods in southern Spain, at least 600 evacuated [BBC]
- Monsoons in Pakistan** **422** dead after floods, over 4.5 million acres of farmland submerged [CNN]

Food with Mannion!

*Do you like eating food?
How about free food at nice restaurants?
Ever want to tell the world exactly what you think of said food?
The Tech will be beginning a new column to chronicle the foodie experiences of new writers every other week... The Catch: They'll be going head-to-head with Tom Mannion who will be reviewing the same restaurant. If you have ever thought you were more of a gourmand than our resident master chef, now's your chance to prove it!
Email us for a spot on the list at tech@caltech.edu*

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The Tech is published weekly except during vacation and examination periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are strictly those of the authors and advertisers.

Letters and submissions are welcome; e-mail submissions to tech@caltech.edu as plain-text attachments, including the author's name, by Friday of the week before publication. The Tech does accept anonymous contributions under special circumstances. The editors reserve the right to edit and abridge all submissions for any reason. All written work remains property of its author.

The advertising deadline is 5 PM Friday; all advertising should be submitted electronically or as camera-ready art, but The Tech can also do simple typesetting and arrangement. All advertising inquiries should be directed to the business manager at business@caltech.edu. For subscription information, please send mail to "Subscriptions."

Write articles for the Tech

get paid up to \$30

Committee Appointments

Freshman Admissions Committee

Representatives: Xander Rudelis, Blaine Matulevich, Jesse Salomon, Prastuti Singh, Eugene Vinitsky, Ratnalekha Viswanadham

Alternates: Maxwell Horton, Moya Chen

Upperclass Admissions Committee

Representatives: Loc Nguyen, Samantha Piszkiwicz

Alternate: Julia Ziac

Undergraduate Academic Standards and Honors Committee

Representatives: Bryan Jadot, Chris Kolner, Austin Mayron

Alternates: Kristen Holtz, Devashish Joshi, Supriya Iyer

Athletics and Physical Education Committee

Representative: Monica Enlow

Alternate: Austin Mayron

Institute Programs Committee

Representative: Puikui Cheng

Alternate: Malvika Verma

Educational Outreach Committee

Representative: Susan Liao

Alternate: Jennifer Caseres

Health Committee

Representative: Pallavi Bugga

Alternate: Caroline Yu

Foreign Students and Scholars Committee

Representative: Aniruddha Bapat

Alternate: Loc Ngyuen

Student Housing Committee

Representatives: Alexander Mouschovias, Suraj Mirpuri

Alternate: Aniruddha Bapat

Convocation Committee

Representative: Jomya Lei

Alternate: Curie Ahn

Scholarships and Financial Aid Committee

Representative: Michael Paluchniak

Alternate: Aleena Patel

Institute Art Committee

Representative: Stephanie Reyes

Alternate: Josh Tollefson

Grievances Committee

Representatives: Matthew Fu, Connor Rosen

Alternate: Suraj Mirpuri

Parking Committee

Representative: Stephanie Laga

Alternate: William Livingston

Caltech Couture: Guide to Caltech fashion

NINA BUDAeva
Columnist

Welcome back to Tech, and for those who are new here, welcome! I sincerely hope that you find Caltech to be as fulfilling and thrilling as I have found it to be in my past three years as an undergrad. This institute

has a rich history, and takes pride in its tremendous impact on the world. The campus has more to offer than any one of us can ever absorb in a single lifetime.

Our duty is to take in what we can and make the most of it throughout our lives as undergrads. It is tempting to spread oneself very

thin, trying to grasp all of Caltech's bounty.

Before us lie knowledge and understanding, friendships and lifelong connections, opportunities and outlook.

We have outstanding facilities, a beautiful life-friendly campus, and a rich culture based on integrity and honor.

Aside from the unquestionable academic prowess, there are many other things that allow Caltech to be truly magnificent. Coming here as a new Techer, you may not notice some of the most fundamental aspects that shape the institution. You may be blinded by the rich course selection and renowned faculty.

These aspects are obvious and are what give Caltech its fame and purpose. Therefore, I will not write about these and instead, I will reveal a hidden side of Caltech that once discovered, leaves a Techer speechless.

Welcome to the Underground – the world of fashion, style, and sociability.

The word “unique” not only applies to Caltech's scientific contributions, but it also applies very much to this other world. Caltech's character seeps through every aspect of the Underground. For instance, Techers seem to be making a tremendous effort to perpetuate Caltech's sophisticated fashion scene.

Unlike at other Institutions that are known for their high fashion, Techers don't concern themselves

with fitting to conventions. Instead of all wearing the same perfectly wrinkle-free polo shirt or button-down that everyone wears at those high-fashion schools, many Techers choose to express their individuality by carefully selecting t-shirts each day that match their mood.

There is a rich variety of self-expressing t-shirts to be found here, and the Institute has graciously recognized the students' disdain for the mundane task of shopping at clothing stores by selling these t-shirts at our own campus bookstore.

These pieces are characterized by printed graphics. They range from various Caltech emblems to characterizing phrases such as “Cutie π ”.

A girl who wears the latter shirt immediately lets everyone know that she is indeed a cutie who knows how to pronounce “pi” in American English and that everyone who doesn't know how to pronounce it in American English shouldn't bother approaching her.

This is a very efficient system, because after displaying this fact on her t-shirt, she doesn't even need to do her hair or make-up or in general to try to act the part of a “cutie pi”. Everyone already knows that she is one!

Some Techers don't find the bookstore or even Amazon to be enough, and hungry for fashionable self-expression, they endeavor to create their own t-shirt masterpieces. Even here, Caltech

has acknowledged the Techers. To prevent them from venturing off campus and entering dodgy businesses to complete their t-shirt-printing requests, Caltech offers a course in t-shirt printing and even has its own campus facilities where Techers can let their high-fashion energies run loose.

Of course, there are the black sheep that don't adhere to the unsaid Caltech protocol.

Instead, they spend at least three times as much of their morning deciding what to wear each day, because proper shirts, blouses, and sweaters generally don't display unique written expressions efficiently summarizing a Techer's mood. These Techers must take time out of their rigorous studies to sort their clothing and actually match different pieces.

The black sheep are not always understood, poor souls, since they refrain from labeling themselves with text.

They must have their own, strong personal reasons for not adapting the t-shirt fashion, and one may notice that many of these black sheep stick together.

Perhaps when they are huddled together, they speak their own language in which there is no need to textually display their feelings on their stomachs. In the end, however, all Techers are Techers, no matter how they fit into the Underground.

They may follow different paths in life later, but no Techer will ever forget their dear Alma Mater.

Caltech Y Corner: Upcoming Events

KATJA LUXEM
Contributing Writer

Caltech Y – Grand Canyon Camping & Hiking Trip: October 12 – 14

Looking for a great way to kick off the year? Why not join us on a camping and hiking trip to the Grand Canyon. The Grand Canyon is one of the most spectacular natural places in the world and with some great hiking and camping this trip is a great get away.

The trip departs Friday, October 12th at 11 AM and returns on Sunday, October 14th by 10 PM. Transportation, campsites, and food are all included. No camping experience is necessary. For more information on the trip contact the Caltech Y. For more information on Grand Canyon National Park visit the National Park web site at www.nps.gov/grca and check it out for yourself.

Sign up at the Caltech Y starting Tuesday, October 2nd (the Y opens at 9am). Payment (\$115) is due on signup and spaces are limited.

Caltech Y - Washington DC Science and Policy Trip: December 16 – 19

Cost is only \$550 (with round trip flight to DC and back to LA) or \$325 (with one way flight to DC). Space is Limited

Applications are due to the Caltech Y – by Monday, October 15th at Noon.

Join us for an exploration into Science Policy and Decision Making on this exciting trip to the Nation's capitol. This four day trip includes flights, lodgings, some meals, discussions with science and policy leaders... and of course the sites and experiences of Washington D.C.

Dialogue with those who have played a role in setting and implementing science policy for the United States including: Academics, Lobbyists, Scientists, Politicians, and Caltech Alumni. The small group sessions will be ideal for exploring relevant issues for our time in the context of national policy. Visit the White House, the Memorials; Smithsonian Museums; the National Archives; the Capitol, and other D.C landmarks. Don't miss this opportunity!

The DC Science Policy Trip is coordinated by the Caltech Y with generous support from the Alumni Association and the George Housner Fund. Questions and applications may be directed to tocaltechy@caltech.edu

Applications are available on our website www.caltechY.org now!

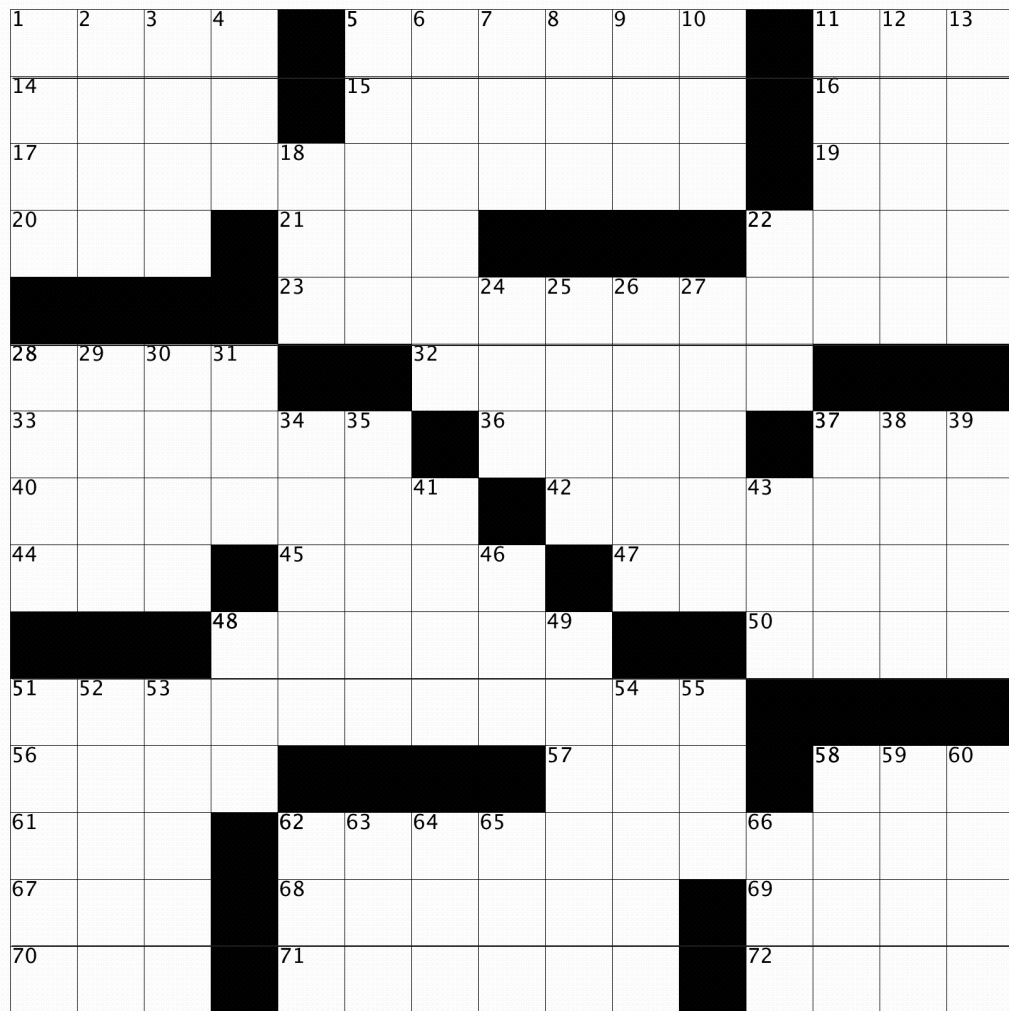


Junior Ella Mathews plays coy as she displays one of her numerous nerdy t-shirts.

Sam Szufliita

ACROSS

- 1. Steals from
- 5. Force someone to do something
- 11. TV type
- 14. Small guitars
- 15. Gave the eye
- 16. Mess up
- 17. Hit show on AMC
- 19. Dude
- 20. Consume
- 21. Not in
- 22. Pled
- 23. Clever sir
- 28. Cheaters
- 32. Blouse modifier
- 33. Evades
- 36. Prepare land to be seeded
- 37. ___ Schwarz, famous toy store
- 40. Spa alternative
- 42. Requiring
- 44. Text msg.
- 45. Provoke
- 47. Southwestern bean
- 48. Kinda
- 50. They can be swept
- 51. Gas inhaler
- 56. On
- 57. Business
- 58. Active ingredient in marijuana, abbr.
- 61. Tax collection org.
- 62. Oven activity
- 67. It goes to the runner
- 68. Promise to marry
- 69. Cheese or Alison
- 70. Owns
- 71. Gets rid of
- 72. Baby cow



DOWN

- 1. Bumpkin
- 2. Southern ingredient
- 3. Salad ingredient
- 4. Org. started by FDR
- 5. Pelvis bone
- 6. Insane
- 7. Pirate's leg
- 8. Sphere
- 9. Body of water
- 10. He hangs out with Ed and Eddy
- 11. Allowable
- 12. Raw
- 13. Laundry machine
- 18. Common site in a ring, abbr.
- 22. Diner order, abbr.
- 24. Decompose
- 25. Minneapolis to Saint Paul
- 26. Symbol on a sheet of music
- 27. Swiss computer
- 28. They take pics
- 29. Egg cell
- 30. Acknowledges
- 31. Bro or sis
- 34. Italians, to a bigot
- 35. ___ Trooper
- 37. Fancy water
- 38. Soon
- 39. Stare
- 41. What haters do
- 43. Type of sum
- 46. Org. that defends unions
- 48. 25°C, 1 atm
- 49. External ridge
- 51. Belief
- 52. Ventricle counterpart
- 53. 2003 Outkast hit
- 54. A square has 4
- 55. Mr. Shneider
- 58. 10^(12)
- 59. Solid precipitation
- 60. AB followup
- 62. Wager
- 63. I'll take that as
- 64. ___ Lbs, in Europe
- 65. ___ in Icarus
- 66. A doctor may count them, abbr.

LABVIEW PROGRAMMER WANTED

The task is to control a mechanized microscope stage to carry single neurons picked up by laser tweezers to 64 preselected locations. Contact jpmail@capsi.caltech.edu for more information

Caltech sanctioned by NCAA, penalties makes us sound more legitimate, jokes ensue anyways

AMOL KAMAT
Sports Editor

On July 12th, the NCAA announced that the Caltech Department of Athletics would be on probation for three years because it allowed 30 ineligible student-athletes in 12 sports to compete between 2007 and 2011. Caltech will also not be allowed to recruit off-campus for one year (not that we did much of that before), several teams will be barred from post-season play for one year, and they must vacate wins and records that occurred during 2007 to 2011 (don't worry, the basketball win stands). The NCAA cited a lack of institutional control by Caltech in allowing these ineligibilities to occur and go unreported. The majority of ineligibilities arose because of our "shopping period" that allows students to officially add classes three weeks into term. During those three weeks, several athletes were technically under loading, but continued to play their respective sports. In the NCAA, all athletes must be full-time students in order to be eligible. To make matters worse, Caltech did not have a written procedure for how to ensure all athletes were eligible, and the former director of athletics, Wendell Jack, never formally informed regarding the academic-standing or status of his student-athletes.

In the summer of 2011, Caltech Athletics underwent a change in leadership (bye-bye Wendell) and discovered the violations. They self-reported the ineligibilities to the NCAA, who then performed an audit of the department and determined that the rules were not violated intentionally, but only as a result of sloppy bookkeeping and general incompetence.

Over the 2011-2012 school year, the athletics department and its new director, Betsy Mitchell, made efforts to correct the problems in the system, including improving communication between athletics and the registrar, informing all members of the athletics community about NCAA rules, helping coaches keep an eye on their

athletes' academics, and closing the Brown Gym doors (maybe not the last one, but I'm going to keep guessing until I get it right).

Alright, this is the part where I rant. Actually, there's not much I can say that hasn't already been said mockingly on ESPN or in the New York Times. Look, at most Division I schools, many student-athletes are athletes that also happen to be students. That's not to say that they aren't smart or don't care about education, but they just have a more rigorous athletics agenda. What I'm trying to say is a full-time football player from Alabama is probably not doing nearly as much work as a Caltech soccer player on a 30 unit underload. It makes sense for the NCAA to actively enforce this rule at bigger sports schools where student-athletes probably do need a push to remain students in more than name. But, I really don't think that's true at Caltech: we are students who also happen to be athletes. I'm not asking for special treatment, and I know the rule has to be enforced everywhere or it's meaningless and sets precedents the NCAA doesn't want, but the whole handling of the situation was silly, especially given the high profile sanctions they were about to throw at Penn State.

The public reprimand made sense, but did it really have to go farther than that? They were inviting jokes with the post-season ban and, honestly, the wording of their reprimand played up the situation even more (and played right into the hands of every comedian and sports writer in the country). In the end, the penalties really don't affect us that much (although the track team usually does relatively well at SCIACs), and while they may sting, especially for those athletes penalized because of violations they weren't even here for, our athletes and department are going to be fine. All I learned from this little dust-up was that the NCAA is at least as incompetent as they claim we are and that alumni games are considered post-season events (sorry, men's water polo team).



Betsy Mitchell tells the Caltech athletics department: "Bring your brooms, because it's a mess." This is not a picture of Betsy Mitchell.

-Warner Bros. Pictures



The men's water polo team defeated Citrus College on Wednesday, 15-12. What kind of a name is Citrus College? I vote Caltech be renamed the Banana Institute of Technology.

-gocaltech.com

Weekly Scoreboard

Women's Volleyball
vs. Whittier
L, 3-0 Final

Men's Soccer
at Pomona-Pitzer
L, 4-0 Final

Women's Volleyball
at La Verne
L, 3-0 Final

Men's Water Polo
vs. Citrus College
W, 15-12 Final

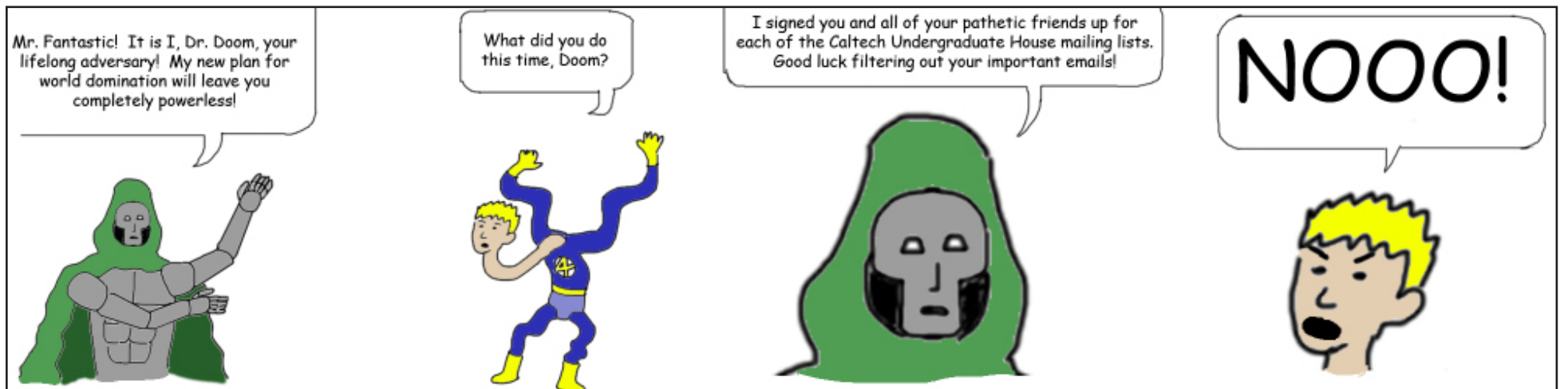
Men's Soccer
vs. Chapman
L, 2-0 Final

WARID QUEST

BY GAVID DINOLA



Acquired Taste



For more photos, videos, and archives of previous issues, check out the Tech website!

tech.caltech.edu

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