



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.

In this issue

NEWS

Appointments to Faculty Student Committee

2

FEATURE

Caltech Y announces new events

3

ROTATION

Frosh camp photo essay, dining assignments

4

SPORTS

Amol examines NCAA ban

7

News briefs from around the globe

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

The California Tech

Caltech 40-58, Pasadena, CA 91125
advertising e-mail: business@caltech.edu
editorial e-mail: tech@caltech.edu

Editors-in-Chief
Jonathan Schor
Stanford Schor

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Sandhya Chandrasekaran

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Staff
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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.

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Alternates: Maxwell Horton, Moya Chen

Upperclass Admissions Committee

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Alternate: Julia Ziac

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Alternates: Kristen Holtz, Devashish Joshi, Supriya Iyer

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Alternate: Austin Mayron

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Representative: Puikui Cheng

Alternate: Malvika Verma

Educational Outreach Committee

Representative: Susan Liao

Alternate: Jennifer Caseres

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Representative: Pallavi Bugga

Alternate: Caroline Yu

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Alternate: Loc Ngyuen

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Alternate: Aniruddha Bapat

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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!

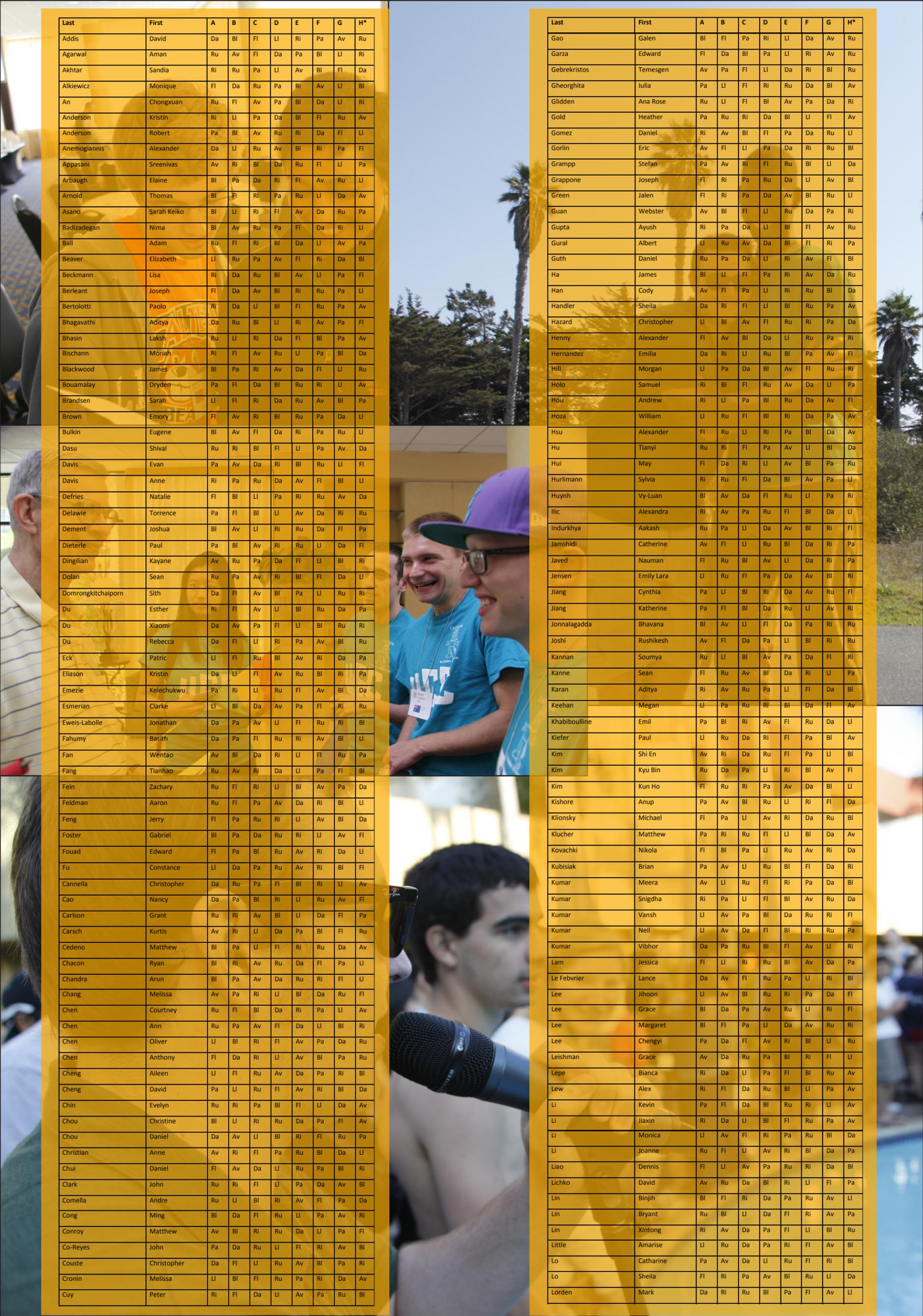


Junior Ella Mathews plays coy as she displays one of her numerous nerdy t-shirts.

ROTATION

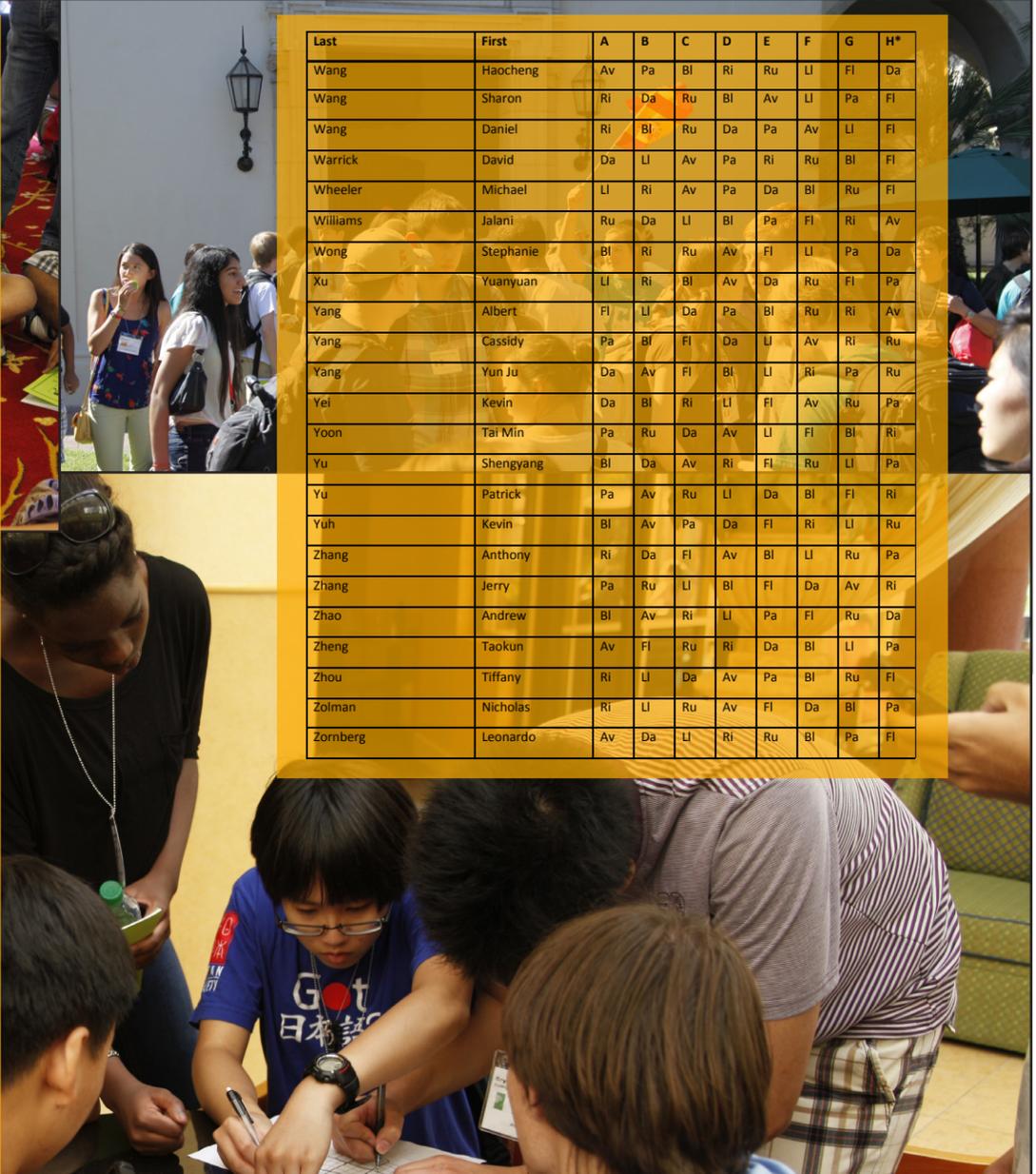
Last	First	A	B	C	D	E	F	G	H*
Addis	David	Da	Bl	Fl	Li	Ri	Pa	Av	Ru
Agarwal	Aman	Ru	Av	Fl	Da	Pa	Bl	Li	Ri
Akhtar	Sandia	Ri	Ru	Pa	Li	Av	Bl	Fl	Da
Alkiewicz	Monique	Fl	Da	Ru	Pa	Ri	Av	Li	Bl
An	Chongxuan	Ru	Fl	Av	Pa	Bl	Da	Li	Ri
Anderson	Kristin	Ri	Li	Pa	Da	Bl	Fl	Ru	Av
Anderson	Robert	Pa	Bl	Av	Ru	Ri	Da	Fl	Li
Anemogiannis	Alexander	Da	Li	Ru	Av	Bl	Ri	Pa	Fl
Appasani	Sreenivas	Av	Ri	Bl	Da	Ru	Fl	Li	Pa
Arbaugh	Elaine	Bl	Pa	Da	Ri	Fl	Av	Ru	Li
Arnold	Thomas	Bl	Fl	Ri	Pa	Ru	Li	Da	Av
Asano	Sarah Keiko	Bl	Li	Ri	Fl	Av	Da	Ru	Pa
Badizadegan	Nima	Bl	Av	Ru	Pa	Fl	Da	Ri	Li
Ball	Adam	Ru	Fl	Ri	Bl	Da	Li	Av	Pa
Beaver	Elizabeth	Li	Ru	Pa	Av	Fl	Ri	Da	Bl
Beckmann	Lisa	Ri	Da	Ru	Bl	Av	Li	Pa	Fl
Berleant	Joseph	Fl	Da	Av	Bl	Ri	Ru	Pa	Li
Bertolotti	Paolo	Ri	Da	Li	Bl	Fl	Ru	Pa	Av
Bhagavathi	Aditya	Da	Ru	Bl	Li	Ri	Av	Pa	Fl
Bhasin	Laksh	Ru	Li	Ri	Da	Fl	Bl	Pa	Av
Bischann	Moriah	Ri	Fl	Av	Ru	Li	Pa	Bl	Da
Blackwood	James	Bl	Pa	Ri	Av	Da	Fl	Li	Ru
Bouamalay	Dryden	Pa	Fl	Da	Bl	Ru	Ri	Li	Av
Brandsen	Sarah	Li	Fl	Ri	Da	Ru	Av	Bl	Pa
Brown	Emory	Fl	Av	Ri	Bl	Ru	Pa	Da	Li
Bulkin	Eugene	Bl	Av	Fl	Da	Ri	Pa	Ru	Li
Dasu	Shival	Ru	Ri	Bl	Fl	Li	Pa	Av	Da
Davis	Evan	Pa	Av	Da	Ri	Bl	Ru	Li	Fl
Davis	Anne	Ri	Pa	Ru	Da	Av	Fl	Bl	Li
Defries	Natalie	Fl	Bl	Li	Pa	Ri	Ru	Av	Da
Delawie	Torrence	Pa	Fl	Bl	Li	Av	Da	Ri	Ru
Dement	Joshua	Bl	Av	Li	Ri	Ru	Da	Fl	Pa
Dieterle	Paul	Pa	Bl	Av	Ri	Ru	Li	Da	Fl
Dinglian	Kayane	Av	Ru	Pa	Da	Fl	Li	Bl	Ri
Dolan	Sean	Ru	Pa	Av	Ri	Bl	Fl	Da	Li
Domrongkitchaiporn	Sith	Da	Fl	Av	Bl	Pa	Li	Ru	Ri
Du	Esther	Ri	Fl	Av	Li	Bl	Ru	Da	Pa
Du	Xiaomi	Da	Av	Pa	Fl	Li	Bl	Ru	Ri
Du	Rebecca	Da	Fl	Li	Ri	Pa	Av	Bl	Ru
Eck	Patric	Li	Fl	Ru	Bl	Av	Ri	Da	Pa
Eliason	Kristin	Da	Li	Fl	Av	Ru	Bl	Ri	Pa
Emezie	Kelechukwu	Pa	Ri	Li	Ru	Fl	Av	Bl	Da
Esmerian	Clarke	Li	Bl	Da	Av	Pa	Fl	Ri	Ru
Eweis-Labolle	Jonathan	Da	Pa	Av	Li	Fl	Ru	Ri	Bl
Fahumy	Basith	Da	Pa	Fl	Ru	Ri	Av	Bl	Li
Fan	Wentao	Av	Bl	Da	Ri	Li	Fl	Ru	Pa
Fang	Tianhao	Ru	Av	Ri	Da	Li	Pa	Fl	Bl
Fein	Zachary	Ru	Fl	Ri	Li	Bl	Av	Pa	Da
Feldman	Aaron	Ru	Fl	Pa	Av	Da	Ri	Bl	Li
Feng	Jerry	Fl	Pa	Ru	Ri	Li	Av	Bl	Da
Foster	Gabriel	Bl	Pa	Da	Ru	Ri	Li	Av	Fl
Fouad	Edward	Fl	Pa	Bl	Ru	Av	Ri	Da	Li
Fu	Constance	Li	Da	Pa	Ru	Av	Ri	Bl	Fl
Cannella	Christopher	Da	Ru	Pa	Fl	Bl	Ri	Li	Av
Cao	Nancy	Da	Pa	Bl	Ri	Li	Ru	Av	Fl
Carlson	Grant	Ru	Ri	Av	Bl	Li	Da	Fl	Pa
Carsch	Kurtis	Av	Ri	Li	Da	Pa	Bl	Fl	Ru
Cedeno	Matthew	Bl	Pa	Li	Fl	Ri	Ru	Da	Av
Chacon	Ryan	Bl	Ri	Av	Ru	Da	Fl	Pa	Li
Chandra	Arun	Bl	Pa	Av	Da	Ru	Ri	Fl	Li
Chang	Melissa	Av	Pa	Ri	Li	Bl	Da	Ru	Fl
Chen	Courtney	Ru	Fl	Bl	Da	Ri	Pa	Li	Av
Chen	Ann	Ru	Pa	Av	Fl	Da	Li	Bl	Ri
Chen	Oliver	Li	Bl	Ri	Fl	Av	Pa	Da	Ru
Chen	Anthony	Fl	Da	Ri	Li	Av	Bl	Pa	Ru
Cheng	Aileen	Li	Fl	Ru	Av	Da	Pa	Ri	Bl
Cheng	David	Pa	Li	Ru	Fl	Av	Ri	Bl	Da
Chin	Evelyn	Ru	Ri	Pa	Bl	Fl	Li	Da	Av
Chou	Christine	Bl	Li	Ri	Ru	Da	Pa	Fl	Av
Chou	Daniel	Da	Av	Li	Bl	Ri	Fl	Ru	Pa
Christian	Anne	Av	Ri	Fl	Pa	Ru	Bl	Da	Li
Chui	Daniel	Fl	Av	Da	Li	Ru	Pa	Bl	Ri
Clark	John	Ru	Ri	Fl	Li	Pa	Da	Av	Bl
Comella	Andre	Ru	Li	Bl	Ri	Av	Fl	Pa	Da
Cong	Ming	Bl	Da	Fl	Ru	Li	Pa	Av	Ri
Conroy	Matthew	Av	Bl	Ri	Ru	Da	Li	Pa	Fl
Co-Reyes	John	Pa	Da	Ru	Li	Fl	Ri	Av	Bl
Couste	Christopher	Da	Fl	Li	Ru	Av	Bl	Pa	Ri
Cronin	Melissa	Li	Bl	Fl	Ru	Pa	Ri	Da	Av
Cuy	Peter	Ri	Fl	Da	Li	Av	Pa	Ru	Bl

Last	First	A	B	C	D	E	F	G	H*
Gao	Galen	Bl	Fl	Pa	Ri	Li	Da	Av	Ru
Garza	Edward	Fl	Da	Bl	Pa	Li	Ri	Av	Ru
Gebrekristos	Temesgen	Av	Pa	Fl	Li	Da	Ri	Bl	Ru
Gheorghita	Iulia	Pa	Li	Fl	Ri	Ru	Da	Bl	Av
Glidden	Ana Rose	Ru	Li	Fl	Bl	Av	Pa	Da	Ri
Gold	Heather	Pa	Ru	Ri	Da	Bl	Li	Fl	Av
Gomez	Daniel	Ri	Av	Bl	Fl	Pa	Da	Ru	Li
Gorlin	Eric	Av	Fl	Li	Pa	Da	Ri	Ru	Bl
Grampp	Stefan	Pa	Av	Ri	Fl	Ru	Bl	Li	Da
Grappone	Joseph	Fl	Ri	Pa	Ru	Da	Li	Av	Bl
Green	Jalen	Fl	Ri	Pa	Da	Av	Bl	Ru	Li
Guan	Webster	Av	Bl	Fl	Li	Ru	Da	Pa	Ri
Gupta	Ayush	Ri	Pa	Da	Li	Bl	Fl	Av	Ru
Gural	Albert	Li	Ru	Av	Da	Bl	Fl	Ri	Pa
Guth	Daniel	Ru	Pa	Da	Li	Ri	Av	Fl	Bl
Ha	James	Bl	Li	Fl	Pa	Ri	Av	Da	Ru
Han	Cody	Av	Fl	Pa	Li	Ri	Ru	Bl	Da
Handler	Sheila	Da	Ri	Fl	Li	Bl	Ru	Pa	Av
Hazard	Christopher	Li	Bl	Av	Fl	Ru	Ri	Pa	Da
Henny	Alexander	Fl	Av	Bl	Da	Li	Ru	Pa	Ri
Hernandez	Emilia	Da	Ri	Li	Ru	Bl	Pa	Av	Fl
Hill	Morgan	Li	Pa	Da	Bl	Av	Fl	Ru	Ri
Holo	Samuel	Ri	Bl	Fl	Ru	Av	Da	Li	Pa
Hou	Andrew	Ri	Li	Pa	Bl	Ru	Da	Av	Fl
Hoza	William	Li	Ru	Fl	Bl	Ri	Da	Pa	Av
Hsu	Alexander	Fl	Ru	Li	Ri	Pa	Bl	Da	Av
Hu	Tianyi	Ru	Ri	Fl	Pa	Av	Li	Bl	Da
Hui	May	Fl	Da	Ri	Li	Av	Bl	Pa	Ru
Hurlimann	Sylvia	Ri	Ru	Fl	Da	Bl	Av	Pa	Li
Huynh	Vy-Luan	Bl	Av	Da	Fl	Ru	Li	Pa	Ri
Ilic	Alexandra	Ri	Av	Pa	Ru	Fl	Bl	Da	Li
Indurkha	Aakash	Ru	Pa	Li	Da	Av	Bl	Ri	Fl
Jamshidi	Catherine	Av	Fl	Li	Ru	Bl	Da	Ri	Pa
Javed	Nauman	Fl	Ru	Bl	Av	Li	Da	Ri	Pa
Jensen	Emily Lara	Li	Ru	Fl	Pa	Da	Av	Bl	Ri
Jiang	Cynthia	Pa	Li	Bl	Ri	Da	Av	Ru	Fl
Jiang	Katherine	Pa	Fl	Bl	Da	Ru	Li	Av	Ri
Jonnalagadda	Bhavana	Bl	Av	Li	Fl	Da	Pa	Ri	Ru
Joshi	Rushikesh	Av	Fl	Da	Pa	Li	Bl	Ri	Ru
Kannan	Sourmya	Ru	Li	Bl	Av	Pa	Da	Fl	Ri
Kanne	Sean	Fl	Ru	Av	Bl	Da	Ri	Li	Pa
Karan	Aditya	Ri	Av	Ru	Pa	Li	Fl	Da	Bl
Keehan	Megan	Li	Pa	Ru	Ri	Bl	Da	Fl	Av
Khabibouline	Emil	Pa	Bl	Ri	Av	Fl	Ru	Da	Li
Kiefer	Paul	Li	Ru	Da	Ri	Fl	Pa	Bl	Av
Kim	Shi En	Av	Ri	Da	Ru	Fl	Pa	Li	Bl
Kim	Kyu Bin	Ru	Da	Pa	Li	Ri	Bl	Av	Fl
Kim	Kun Ho	Fl	Ru	Ri	Pa	Av	Da	Bl	Li
Kishore	Anup	Pa	Av	Bl	Ru	Li	Ri	Fl	Da
Klionsky	Michael	Fl	Pa	Li	Av	Ri	Da	Ru	Bl
Klucher	Matthew	Pa	Ri	Ru	Fl	Li	Bl	Da	Av
Kovacki	Nikola	Fl	Bl	Pa	Li	Ru	Av	Ri	Da
Kubisiak	Brian	Pa	Av	Li	Ru	Bl	Fl	Da	Ri
Kumar	Meera	Av	Li	Ru	Fl	Ri	Pa	Da	Bl
Kumar	Snigdha	Ri	Pa	Li	Fl	Bl	Av	Ru	Da
Kumar	Vansh	Li	Av	Pa	Bl	Da	Ru	Ri	Fl
Kumar	Neil	Li	Av	Da	Fl	Bl	Ri	Ru	Pa
Kumar	Vibhor	Da	Pa	Ru	Bl	Fl	Av	Li	Ri
Lam	Jessica	Fl	Li	Ri	Ru	Bl	Av	Da	Pa
Le Febvrier	Lance	Da	Av	Fl	Ru	Pa	Li	Ri	Bl
Lee	Jihoon	Li	Av	Bl	Ru	Ri	Pa	Da	Fl
Lee	Grace	Bl	Da	Pa	Av	Ru	Li	Ri	Fl
Lee	Margaret	Bl	Fl	Pa	Li	Da	Av	Ru	Ri
Lee	Chengyi	Pa	Da	Fl	Av	Ri	Bl	Li	Ru
Leishman	Grace	Av	Da	Ru	Pa	Bl	Ri	Fl	Li
Lepe	Bianca	Ri	Da	Li	Pa	Fl	Bl	Ru	Av
Lew	Alex	Ri	Fl	Da	Ru	Bl	Li	Pa	Av
Li	Kevin	Pa	Fl	Da	Bl	Ru	Ri	Li	Av
Li	Jiaxin	Ri	Da	Li	Bl	Fl	Ru	Pa	Av
Li	Monica	Li	Av	Fl	Ri	Pa	Ru	Bl	Da
Li	Joanne	Ru	Fl	Li	Av	Ri	Bl	Da	Pa
Liao	Dennis	Fl	Li	Av	Pa	Ru	Ri	Da	Bl
Lichko	David	Av	Ru	Da	Bl	Ri	Li	Fl	Pa
Lin	Binjih	Bl	Fl	Ri	Da	Pa	Ru	Av	Li
Lin	Bryant	Ru	Bl	Li	Da	Fl	Ri	Av	Pa
Lin	Xintong	Ri	Av	Da	Pa	Fl	Li	Bl	Ru
Little	Amarise	Li	Ru	Da	Pa	Ri	Fl	Av	Bl
Lo	Catharine	Pa	Av	Da	Li	Ru	Fl	Ri	Bl
Lo	Sheila	Fl	Ri	Pa	Av	Bl	Ru	Li	Da
Lorden	Mark	Da	Ri	Ru	Bl	Pa	Fl	Av	Li



Last	First	A	B	C	D	E	F	G	H*
Lutz	Anthony	Fl	Li	Da	Av	Ri	Pa	Bl	Ru
Maiyuran	Harinee	Ru	Li	Da	Bl	Fl	Av	Ri	Pa
Malladi	Chaitanya	Fl	Da	Li	Ru	Av	Pa	Ri	Bl
Mandekar	Ajay	Ri	Li	Pa	Fl	Da	Av	Bl	Ru
Mangu	Aashrita	Av	Pa	Bl	Ri	Ru	Li	Fl	Da
Marla	Lasya	Fl	Ri	Da	Bl	Li	Pa	Ru	Av
Maxwell	Timothy	Li	Ru	Bl	Da	Pa	Ri	Av	Fl
Mehta	Ishan	Ri	Li	Av	Bl	Pa	Fl	Da	Ru
Meja	Julian	Ru	Li	Ri	Da	Fl	Bl	Pa	Av
Mendoza	Sean	Bl	Ri	Da	Fl	Pa	Av	Li	Ru
Meyer	Calli	Ru	Da	Bl	Fl	Av	Ri	Li	Pa
Michel	Alice	Bl	Fl	Av	Da	Ri	Li	Pa	Ru
Mills	Walker	Bl	Li	Ru	Pa	Da	Fl	Av	Ri
Mishra	Ritvik	Pa	Da	Bl	Li	Ri	Fl	Ru	Av
Mohandas	Madhav	Pa	Bl	Li	Ri	Da	Ru	Fl	Av
Morgan	Matthew	Da	Pa	Ri	Li	Ru	Fl	Bl	Av
Mun	Alexander	Fl	Bl	Ru	Av	Pa	Li	Da	Ri
Nanz	August	Da	Ru	Av	Ri	Li	Fl	Pa	Bl
Naruk	John	Ri	Fl	Bl	Pa	Ru	Av	Li	Da
Navonne	Santiago	Fl	Pa	Av	Ru	Ri	Bl	Li	Da
Nguyen	Katherine	Pa	Da	Bl	Li	Ri	Fl	Ru	Av
Nie	Tian	Ru	Bl	Li	Da	Fl	Ri	Av	Pa
Nikong	Patrick	Da	Ru	Bl	Pa	Fl	Li	Ri	Av
O'Neill	Ariel	Da	Pa	Ri	Bl	Av	Ru	Fl	Li
Pagadala	Meghana	Ri	Da	Bl	Av	Ru	Fl	Pa	Li
Palomino	Juan Diego	Pa	Ri	Li	Bl	Av	Ru	Da	Fl
Park	Grace	Ru	Pa	Ri	Bl	Li	Av	Da	Fl
Park	Hong Joon	Ru	Ri	Av	Bl	Li	Da	Fl	Pa
Pavlov	Catherine	Ri	Bl	Da	Fl	Ru	Pa	Av	Li
Pearce	Sarah	Bl	Ri	Pa	Da	Li	Ru	Fl	Av
Peterson	Thomas	Fl	Av	Pa	Ri	Bl	Li	Da	Ru
Pien	Alexander	Ru	Bl	Ri	Pa	Da	Av	Fl	Li
Pietrasz	Valerie	Bl	Ru	Fl	Ri	Av	Pa	Li	Da
Pinkerton	Riley	Av	Li	Bl	Pa	Fl	Ru	Da	Ri
Poole	Nikhita	Av	Da	Ri	Ru	Li	Bl	Fl	Pa
Quenneville	Joshua	Da	Li	Ri	Fl	Pa	Bl	Av	Ru
Rall	Patrick	Ru	Bl	Ri	Fl	Pa	Da	Li	Av
Reghunathan	Meera	Ru	Bl	Ri	Fl	Pa	Da	Li	Av
Reichard	William	Da	Ri	Av	Pa	Bl	Li	Fl	Ru
Rieger	William	Av	Ri	Ru	Pa	Li	Da	Bl	Fl
Ripper	Ryan	Pa	Av	Ru	Da	Ri	Li	Bl	Fl
Romine	Andrew	Li	Pa	Ri	Ru	Fl	Da	Av	Bl
Roy	Tatiana	Da	Bl	Ru	Ri	Av	Li	Fl	Pa
Ryan	Keegan	Da	Fl	Ru	Li	Pa	Bl	Ri	Av
Sands	Alec	Li	Ri	Bl	Da	Fl	Av	Pa	Ru
Sarkar	Ellora	Av	Li	Pa	Ri	Fl	Bl	Ru	Da
Savitz	Samuel	Li	Da	Pa	Bl	Ru	Av	Fl	Ri
Schiefer	Nicholas	Li	Pa	Bl	Ru	Da	Fl	Ri	Av
Schmidt	Graham	Li	Av	Ri	Bl	Pa	Da	Fl	Ru
Schultz	Dylan	Ri	Pa	Fl	Bl	Da	Ru	Li	Av
Seabra De Andrade	Daniel	Av	Ru	Bl	Ri	Fl	Da	Pa	Li
Shah	Nehaly	Pa	Ru	Da	Fl	Av	Bl	Ri	Li
Shah	Neera	Fl	Ri	Da	Li	Ru	Bl	Av	Pa
Shao	Elly	Pa	Ru	Ri	Da	Bl	Li	Fl	Av
Sharma	Samridhi	Ru	Av	Pa	Ri	Da	Fl	Li	Bl
Shou	Laura	Li	Bl	Av	Da	Fl	Pa	Ru	Ri
Sikes	Kirby	Da	Bl	Fl	Pa	Av	Ri	Ru	Li
Simon	Elliot	Da	Fl	Ri	Av	Bl	Pa	Ru	Li
Sinha	Anusha	Ri	Da	Av	Fl	Bl	Pa	Li	Ru
Siva	Karthik	Li	Ri	Da	Fl	Av	Ru	Pa	Bl
Skoutnev	Valentin	Fl	Li	Ri	Ru	Bl	Av	Da	Pa
Smalley	Matthew	Ri	Da	Li	Av	Pa	Ru	Fl	Bl
Son	Jun Ho	Li	Pa	Da	Bl	Av	Fl	Ru	Ri
Sorey	Elijah	Bl	Da	Ru	Li	Av	Fl	Ri	Pa
Sowrirajan	Tara	Pa	Da	Av	Bl	Fl	Li	Ri	Ru
Strumwasser	Taylor	Fl	Av	Ri	Li	Da	Ru	Bl	Pa
Su	Yubo	Av	Ru	Pa	Bl	Li	Fl	Ri	Da
Su	Ye	Fl	Da	Av	Li	Ru	Pa	Bl	Ri
Subasi	Omer	Av	Ru	Bl	Fl	Da	Pa	Li	Ri
Sung	Cynthia	Av	Da	Ri	Bl	Pa	Ru	Li	Fl
Tadepalli	Naveen	Fl	Da	Ri	Ru	Pa	Li	Bl	Av
Tang	Kevin	Bl	Li	Av	Ru	Pa	Da	Ri	Fl
Tang	Rebecca	Av	Da	Li	Pa	Ri	Fl	Bl	Ru
Tejada	Kyle	Li	Pa	Fl	Av	Bl	Ru	Da	Ri
Thorp	Rachel	Ru	Da	Pa	Fl	Bl	Av	Ri	Li
Thosath	Torin	Bl	Ri	Av	Li	Fl	Pa	Da	Ru
Tseng	Christine	Li	Da	Ri	Fl	Pa	Av	Ru	Bl
Turban	Jean- Alexandre	Ri	Ru	Fl	Bl	Pa	Li	Av	Da
Walsh	Hannah	Li	Bl	Ru	Fl	Ri	Da	Av	Pa
Wang	Jingwen	Ru	Ri	Pa	Bl	Fl	Li	Da	Av
Wang	Siyuan	Ru	Av	Li	Fl	Pa	Ri	Da	Bl

Last	First	A	B	C	D	E	F	G	H*
Wang	Haocheng	Av	Pa	Bl	Ri	Ru	Li	Fl	Da
Wang	Sharon	Ri	Da	Ru	Bl	Av	Li	Pa	Fl
Wang	Daniel	Ri	Bl	Ru	Da	Pa	Av	Li	Fl
Warrick	David	Da	Li	Av	Pa	Ri	Ru	Bl	Fl
Wheeler	Michael	Li	Ri	Av	Pa	Da	Bl	Ru	Fl
Williams	Jalani	Ru	Da	Li	Bl	Pa	Fl	Ri	Av
Wong	Stephanie	Bl	Ri	Ru	Av	Fl	Li	Pa	Da
Xu	Yuan Yuan	Li	Ri	Bl	Av	Da	Ru	Fl	Pa
Yang	Albert	Fl	Li	Da	Pa	Bl	Ru	Ri	Av
Yang	Cassidy	Pa	Bl	Fl	Da	Li	Av	Ri	Ru
Yang	Yun Ju	Da	Av	Fl	Bl	Li	Ri	Pa	Ru
Yei	Kevin	Da	Bl	Ri	Li	Fl	Av	Ru	Pa
Yoon	Tai Min	Pa	Ru	Da	Av	Li	Fl	Bl	Ri
Yu	Shengyang	Bl	Da	Av	Ri	Fl	Ru	Li	Pa
Yu	Patrick	Pa	Av	Ru	Li	Da	Bl	Fl	Ri
Yuh	Kevin	Bl	Av	Pa	Da	Fl	Ri	Li	Ru
Zhang	Anthony	Ri	Da	Fl	Av	Bl	Li	Ru	Pa
Zhang	Jerry	Pa	Ru	Li	Bl	Fl	Da	Av	Ri
Zhao	Andrew	Bl	Av	Ri	Li	Pa	Fl	Ru	Da
Zheng	Taokun	Av	Fl	Ru	Ri	Da	Bl	Li	Pa
Zhou	Tiffany	Ri	Li	Da	Av	Pa	Bl	Ru	Fl
Zolman	Nicholas	Ri	Li	Ru	Av	Fl	Da	Bl	Pa
Zornberg	Leonardo	Av	Da	Li	Ri	Ru	Bl	Pa	Fl



Left Page, Clockwise from Top Left: Prefrosh William Rieger (left) and Meghana Pagadala (right) survey a map during the Study Habits scavenger hunt at Frosh Camp; Prefrosh Kelechukwu Emezie has a moment with his UCC, rising sophomore Harrison Miller; Rising sophomore Harrison Miller acts as emcee during the Frosh Camp boat race. Miller and fellow rising sophomore Justin Koch ran the competition; Professor Emeritus Stephen Frautschi jokes around with UCCs at Frosh Camp.

Right Page, Clockwise from Top Left: During the Challenges and Choices portion of Frosh Camp, junior Ishan Khetarpal (brown shirt) leads a group discussion on managing workloads, relationships, and alcohol and drug use; Mobs of prefrosh attempt to locate their UCC before loading up on the buses to go to Frosh Camp; A group of prefrosh scramble to solve a Sudoku puzzle that they pieced together during the Study Habits scavenger hunt at Frosh Camp; Prefrosh James Blackwood (bottom right corner) listens intently as he learns how to avoid plagiarism during the Honor Code talk at Frosh Camp; Prefrosh Alex Lew and his Frosh Camp UCC, rising sophomore Allika Walvekar, pose while waiting for dinner at President Chameau's house; Prefrosh celebrate after winning the boat race at Frosh Camp.

-Stanford Schor

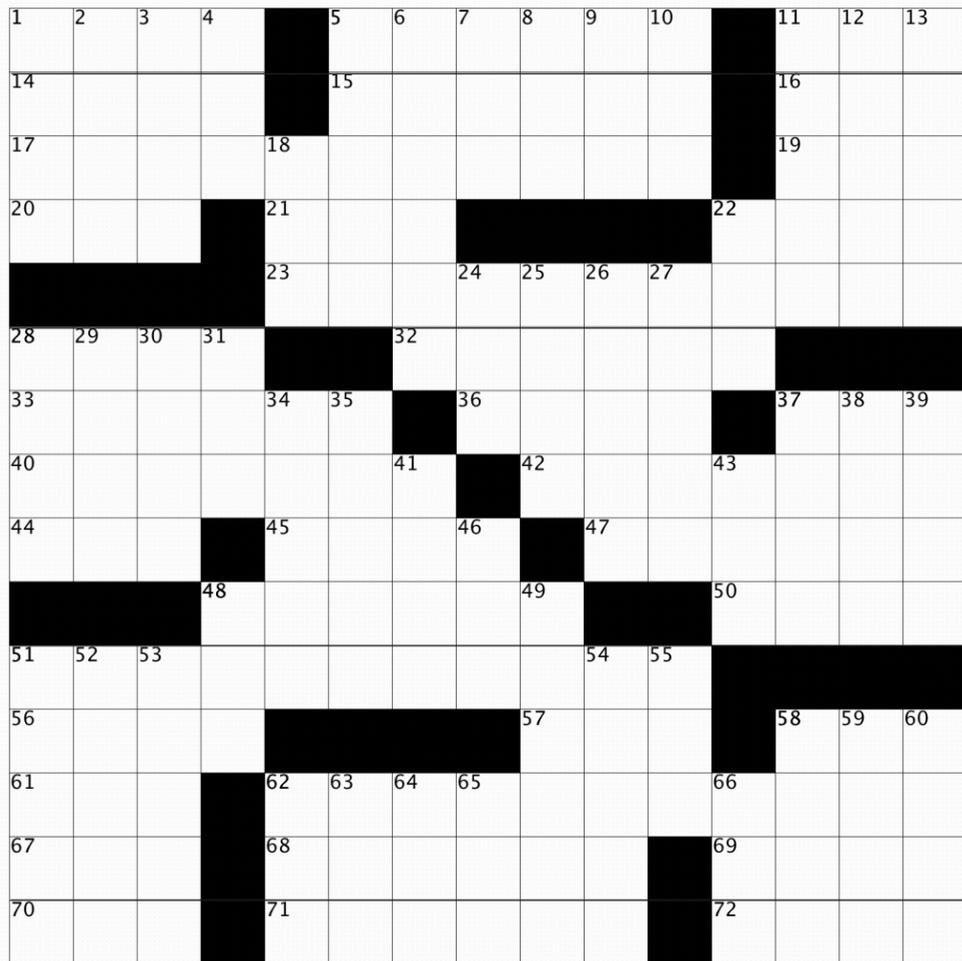


Abdolrahim Poorheravi	Amir	Ru	Av	Fl	Da	Pa	Bl	Li	Ri	Transfer
Holland	Timothy	Bl	Da	Av	Ri	Fl	Ru	Li	Pa	Transfer
Jepsen	Christian	Bl	Ri	Pa	Da	Li	Ru	Fl	Av	Exchange
Lee	Yan Ping	Ri	Bl	Ru	Li	Da	Fl	Pa	Av	Exchange
Li	Kevin	Da	Ri	Ru	Bl	Pa	Fl	Av	Li	Transfer
Lim	Kee Kean	Bl	Li	Ri	Ru	Da	Pa	Fl	Av	Exchange
Liu	Jiabin	Da	Bl	Ri	Li	Fl	Av	Ru	Pa	Transfer
Liu	Tianxiang	Li	Pa	Bl	Ru	Da	Fl	Ri	Av	Transfer
Mears	Lisa	Bl	Ru	Da	Li	Pa	Ri	Fl	Av	Exchange
Norregard	Rasmus	Da	Ri	Li	Ru	Bl	Pa	Av	Fl	Exchange
Thomsen	Kristian	Fl	Bl	Li	Pa	Ri	Ru	Av	Da	Exchange

Sam Szuflika

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. ___ 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

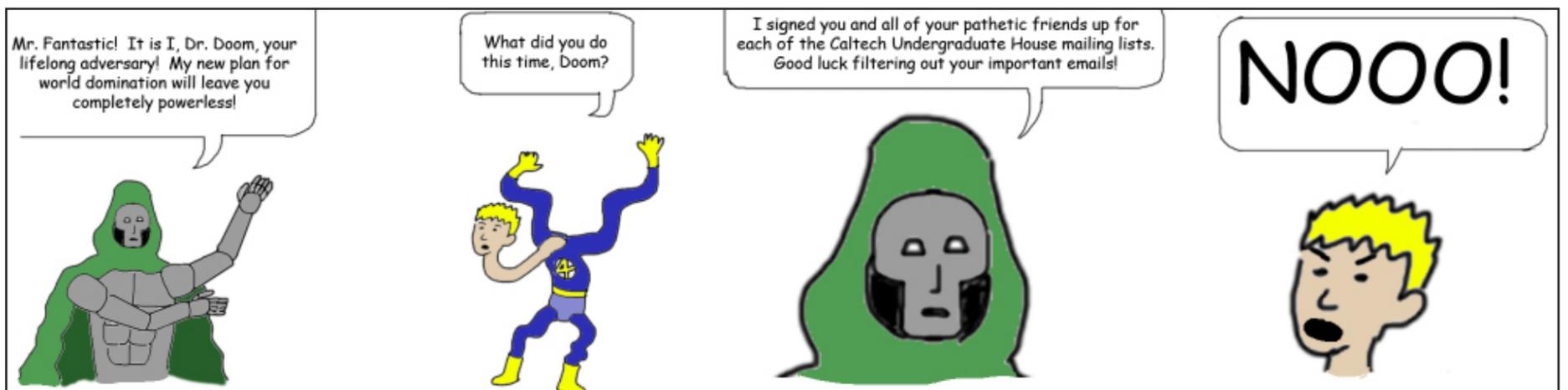
Men's Soccer
vs. Chapman
L, 2-0 Final

WARID QUEST

BY GAVID DINOLA



Acquired Taste



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

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Caltech 40-58
Pasadena, CA 91125