



VOLUME CXX NUMBER 18

PASADENA, CALIFORNIA

TECH@CALTECH.EDU

MARCH 6, 2017

# The California Tech

## Candidacy Statements for ASCIT Positions

### Interhouse Committee Chair (6)

FREDERICK BERL  
IHC Chair Candidate

I believe in leaving things in a better condition than I found them. It is a fact that as time has gone on Admin has slowly been trying to erode essential parts of Caltech like the house system, and though many of the changes will not be felt until after many of you have graduated, it does not mean that future classes will not be impacted. This place is a difficult experience for many people, and though I personally think it is a good one overall, I believe that it could be made better, or at the very least prevented from getting worse. Perhaps the most pressing example of undue change I can think of are the changes proposed to the UCC system, which attempt to fully standardize the system throughout the houses as opposed to facilitating what works best for each house. Another example would be Bechtel house, where almost everything, including all-frosh housing, is still on the table. These are not the only changes brought forth, but they are some of the most visible, and they both seem to be imminent despite student opposition. This, combined with the fact that the collective undergraduate memory is only approximately four years, makes it difficult to prevent large change. The best way to fight this is to fervently oppose every change that will negatively affect the undergraduate experience. Examples of this would be changes

that are good for the institute liability wise, but eliminate freedoms or responsibilities that we take for granted. This effort requires a unified and active IHC, which in turn requires a stubborn and strict IHC chair who doggedly pursues something when met with opposition. I have these qualities in spades. I am also in a unique position for some of the discussion that will be taking place over the next year, since I am Ricketts' Head UCC and have already been involved in some of the discussions that have taken place concerning a few of these changes and how they would affect undergraduates as a whole.

Though there is a lot of fighting to be done to preserve the status quo, there are also some positive changes that can be made through other channels. For example, given the chance I would love to create a support network for people who have taken time off to transition back into Caltech, since by all accounts it is a difficult experience for those that have gone through it. I am also a very big fan of Andrew Montequin's initiative in increasing transparency and disseminating knowledge of ongoing discussions throughout campus, and plan on continuing it. I would also like to support various other campus wide initiatives, like town halls on other issues,



messages sent my way. Similarly, if you would like to know more about where I stand, feel free to send me a message or stop by my room.

Lastly, the most important responsibility the IHC chair has is running rotation. I promise I will do everything I can to keep rotation running smoothly, protest the forced culling of rotation traditions, and ensure that the process is as unbiased towards any particular house as possible.

Freddy B

Tensions with administration and the student body are noticeably high lately. From the perspective of the student body, we often see administration as an entity that doesn't understand our needs, offers us little transparency about their decisions. As IHC chair, I will create open channels of communication between students and administration by insisting upon more transparency and consideration of student perspectives. I will represent our views diplomatically and tactfully

to most effectively communicate between two parties who often don't understand each other. I will advocate for preserving the house system by keeping Bechtel House from becoming frosh housing, I will push for more student input on academic matters such as the unit cap system, and I will fight for alcohol policies that promote student safety (in the spirit of the Good Samaritan policy).

The role of the Interhouse committee is foremost to promote

open communication between the 8 houses. As IHC chair, I would work to make the IHC accessible to the student body by making the meeting minutes available online and creating ways for students to give their input (such as an online feedback system like the ARC implements). Every house has different needs—different traditions, different systems, and different cultures, and I will do my best to faithfully represent the many facets of the student body fairly and without bias.

My experience as a former ARC rep, UCC, SFP ambassador, and CMS Undergraduate Council representative, among other roles, have led to me working with the deans, MOSH, Title IX office, Counseling Center, and faculty, and I will use these experiences to be an effective advocate for our community. I would listen to all of your concerns carefully, and push for the continuation of the traditions that define us, as well as changes that benefit us all.

proper channels to have meaningful discussion. When administration proposes a new policy, we must respond carefully and thoughtfully. We are much more likely to see the change we want on campus if we are able to organize coherently and present our arguments in a logical manner. As IHC Chair, I would seek out the opinions of not only the student body, but also seek out the rationale behind the proposed changes. If we can better understand the concerns that administration has for the students, then we can better address them and reach outcomes that satisfy both parties. At the end of the day, Caltech administration has the best interests of the students at heart, and if we provide them with our perspective, we will see that their goals are not as different from ours as some would believe.

The responsibilities of the IHC chair center around two main areas: maintaining the house system and enhancing student life. The IHC ensures that Rotation runs smoothly and that everyone's opinions are taken into consideration. The Chair plays a critical role in running that process, balancing the needs of the students with the concerns of administration. The other part involves being a representative of the student body to housing, the deans, student affairs, and various other parts of administration. Having been a member of the BoC for two years now, I have worked with the Deans and understand how to promote the interests of the student body in a respectful and tactful manner. Additionally, I have also been a member of the Stewards Committee, which is the main point of contact between the houses and Housing. As a result, I have experience in representing the interests of a part of the student body and in negotiating solutions with Housing which benefit both the students and administration. During my time here at Caltech, I have had the opportunity to work with groups from across the entire campus, including the Deans, Housing, Admissions, the Diversity Center, the Provost, and many others. I have a good rapport with many of the various administrative groups on campus, but this does not mean that I would shy away from disagreement. I am determined to stand up for the wellbeing of the student body. The IHC Chair is an essential connection between students and administration, ensuring that the voice of the student body is heard. As IHC Chair I will ensure that these interests are accurately and properly represented, while still keeping a level head in such discussions, seeking to reach compromises which benefit both sides. I will not hesitate to question decisions made by administration that could harm the students, but in order for our concerns to merit their consideration, they must be presented in a productive manner.

In the end, the IHC serves to protect the house system and the culture of Caltech student life, as well as to be the liaison between the student body and administration. Many of us, myself included, chose



to come to Caltech because of its one of a kind student culture. If I am elected IHC Chair, my priority will be the preservation of our honor code and house system for the future classes of Techers. These values are the cornerstone of the Caltech experience, and it is imperative that we work towards conversations in which administration respects and understands why we value these aspects of our culture. I would ask all of you to reach out to your former members of the IHC and ask them about the committee and what they think are the qualities of a good IHC Chair. If you have any questions, concerns, or suggestions, please don't hesitate to email me at wschmidt@caltech.edu. Thank you for your time, and I look forward to continuing to serve the Caltech community in whatever role I can.

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# ANNOUNCEMENTS

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MARCH 6, 2017

THE CALIFORNIA TECH

## Caltech Y Column

CALTECH Y

### Upcoming Events

#### Caltech Y Explore LA Series

#### Descanso Gardens Cherry Blossom Festival

Sunday | March 12th | 8:45 AM - 1:00 PM | Descanso Gardens-La Canada | Transportation provided, if needed

Ticket sales:

Thursday | March 2nd | From 12 noon | Cost: \$5 | Caltech Y

This offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each – and that guest can be a non-student. This offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each – and that guest can be a non-student.

The Descanso Gardens is hosting its most popular festival with live music, origami, good food and beautiful blooms throughout the garden. There are Discovery Stations to learn about cherry trees and related plants, guided walks with experts to learn about Cherry Blossoms, and a performance by the group On Ensemble which does taiko drumming! Activities are free with admission.

#### Caltech Y Explore LA Series - discounted tickets!

#### Book of Mormon - The Musical

Thursday | June 8th | 8:00 - 10:30 PM | Hollywood Pantages Theater | Transportation is NOT provided

Ticket sales:

Friday | March 3rd | From 12 noon | Cost: \$37 each (tickets are limited) | Caltech Y

This offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each – and that guest can be a non-student. This offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each – and that guest can be a non-student.

Join us as the renowned Pantages Theater in Hollywood for Broadway's The Book of Mormon as part of the Caltech Y Explore LA Series.

#### Snowshoeing Trip to Mount Pinos

Sunday | March 19th | Mount Los

Pinos, Los Padres National Forest

The Caltech Y is planning a winter outdoor adventure snowshoeing trip to Mount Pinos in the Los Padres National Forest on Sunday, 19 March. We will leave early in the morning from the Y, snowshoe to the summit, explore the surrounding area, and return to Pasadena late afternoon or early evening. No experience necessary! We presently have room for eight people and priority will be given in the order of response to the following RSVP:

h t t p s : / / g o o . g l / f o r m s / E y 4 U m c f R f t k J 9 p q q 1

More details on appropriate clothing and departure time will be forthcoming.

#### The Caltech Y Science Policy Series, Science and Engineering Policy at Caltech (SEPAC), and Caltech Government Relations present

Dr. Rush Holt - CEO, American Association for the Advancement of Science (AAAS), and former U.S. Congressman

Friday | March 10th | 12:00 Noon - 1:30 PM (a break will be provided for those with 1pm commitments) | Location TBA | Lunch Provided | RSVP Required

RSVP Required: <https://goo.gl/forms/5panl3DHiRbAmdg32>

Join us for a science policy Q&A conversation and lunch with Dr. Rush Holt. Lunch is provided, spaces are limited. Priority will be given to students and postdocs.

Dr. Rush Holt is Chief Executive Officer of the American Association for the Advancement of Science (AAAS) and Executive Publisher of the Science family of journals. Prior to this he served 16 years as a member of the U.S. House of Representatives from New Jersey's 12th Congressional District where he was a member of the Committee on Natural Resources and the Committee on Education and the Workforce. He also served on the national Commission on the Teaching of Mathematics and Science, founded the Congressional Research and Development Caucus, and served as co-chair of the Biomedical Research Caucus. Holt served eight years on the permanent Select Committee on Intelligence and, from 2007 to 2010, chaired the Select Intelligence Oversight Panel working to strengthen legislative oversight of the intelligence community. Prior to Congress Dr. Holt was Assistant Director of the Princeton Plasma Physics Laboratory (1987-98), a member of the Faculty at Swarthmore (1980-88), and a AAAS/American Physical Society Science and Technology Policy Fellow on Capitol Hill (1982). He has also served as an arms control expert at the U.S. State Department, where he monitored the nuclear programs of countries such as Iraq, Iran, North Korea, and the former Soviet Union. Visit [www.aaas.org/person/rush-d-holt](http://www.aaas.org/person/rush-d-holt) for a more complete bio.

#### Caltech Y Decompression

Saturday | March 11th | 7:00 - 9:00 PM | Winnett Lounge

Stressed during finals week? Join us to decompress with free food - burgers, hot dogs, cookies, fruit and veggies, ice cream, chips and drinks; entertainment - movies; and just hanging out with your friends. It is a great way to relax a little before finals!

If you'd like to volunteer to help out, please fill out the form here:

h t t p s : / / g o o . g l / f o r m s / j 9 W z 9 B k H 4 i G s 2 x 1 0 1

Volunteers will get a free gift card!

#### Hathaway Sycamores

Every Wednesday | 5:30 - 8:00 PM | Highland Park

Volunteer at Hathaway Sycamores, a group that supports local underprivileged but motivated high school students. There are a variety of ages and subjects being tutored. The service trip includes about an hour of travel time and 1.5 hours of tutoring. Transportation is included.

For more info and to RSVP email Sherwood Richers at [srichers@tapir.caltech.edu](mailto:srichers@tapir.caltech.edu). Eligible for Federal Work Study.

#### Pasadena LEARNS

Every Friday | 3:00 - 5:00 PM | Pasadena

Come volunteer at Madison and Jackson Elementary School! We are partnered with the Pasadena LEARNS program and work with their Science Olympiad team or do regular tutoring along with occasional hands-on science experiments. Transportation is provided. For more information and to RSVP, contact [azhai@caltech.edu](mailto:azhai@caltech.edu). Eligible for Federal Work Study.

#### Kids Reading to Succeed

Saturday | March 4th | 8:30 - 11:00 AM | 500 E. Villa Street & Jackson Elementary

Kids Reading to Succeed (KRS) works with the youth of Pasadena to encourage a love of reading and to improve literacy

## Caltechlive!

Friday, March 10, 2017 • 8 PM

### NOURA MINT SEYMALI

### Music of West Africa



The winner of the 2014 All Africa Music Awards. Noura Mint Seymali will take you on a journey across the Sahara and West Africa through the dynamic sounds of Moorish griot.

\$25 GENERAL ADMISSION  
\$10 Youth

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skills. The first hour (9:00 to 10:00) focuses on individualized and targeted reading, in which a volunteer is paired with a student who is encouraged to read aloud from a book chosen from the KRS library. Volunteers consistently ask questions of the students to gauge reading comprehension. The second hour of our program (10:00 to 11:00) is the interactive and fun presentation based on the monthly theme.

For more info and to RSVP go to <http://www.kidsreadingtosucceed.org/p/get-involved.html>. Eligible for Federal Work Study. Contact Kavya Sreedhar at [ksreedha@caltech.edu](mailto:ksreedha@caltech.edu) for questions.

#### Beyond the Y

#### Come On Out Japan Summer Internship Opportunity

Come On Out Japan are launching their 3rd Annual Come on Out-Japan Summer Internship Program and extending their invitation to top Universities and Japanese high school students for a cross-cultural learning experience.

They are currently seeking University students and recent graduates with native level English skills, who would be interested in coming to Japan for 6 weeks from July 16 - August 26, 2017. Although this is an unpaid internship, the sponsor is providing certain expenses for each Intern who participates in the six-week program. In addition to airfare, lodging, meal and transportation subsidies, the program offers optional Japanese language classes, field trips, dinner/cooking nights and at least one overnight trip. These additional opportunities are all designed to add cultural enrichment to your summer abroad experience. More information can be found on the website [lascifair.org](http://lascifair.org).

found on the website [www.comeonoutjapan.com](http://www.comeonoutjapan.com).

#### Girls on the Run Volunteer

Girls on the Run is a non-profit program that inspires girls in 3rd-8th grade to activate their limitless potential. Over the course of 10-12 weeks girls develop skills to help them navigate their world and establish a lifetime appreciation of healthy relationships and physical fitness. Join an awesome team of volunteers leading a small group of girls through our research-based after school program which includes dynamic discussions, activities and running games. Not a runner? Not a problem! All abilities welcome to serve as a role models empowering girls to boldly pursue their dreams. For more information, please email [volunteer@gotrla.org](mailto:volunteer@gotrla.org).

#### Science Fair Judges Needed

The 67th Annual Los Angeles County Science & Engineering Fair will be held at the Pasadena Convention Center in Pasadena, California March 23rd- 26th. Judging will take place on Friday March 24th. This is an all-day event. Judge orientation will begin at 7:00 AM. After orientation, judges will have the opportunity to review displays prior to interviewing students. The judging day will finish in the afternoon, by 4:00 PM. The judge orientation will be formatted to allow you to have time to review the backboards and student work. A judge handbook will be sent to you to review prior to the event with a simple and brief welcome and orientation the morning of orientation. In order to be able to interview every student at the fair, they are seeking 300 judges, who are professionals in all fields of science. More information can be found on the website [lascifair.org](http://lascifair.org).

# ASCIT ELECTIONS

THE CALIFORNIA TECH

MARCH 6, 2017

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## Interhouse Committee Chair (6)

**SAKTHI VETRIVEL**  
IHC Chair Candidate

We're heading into rocky territory this upcoming year, what with a decision on Bechtel being made in the coming fall, and with that, the future of the house system at stake. These upcoming negotiations will be absolutely crucial, and we need someone who has built connections with admin, understands the progress we've made to this point, and is willing to pour their heart and soul into the job for the next year.

I volunteer as tribute.

As a member of the ASCIT Board of Directors, I've had the privilege of being a part of several conversations surrounding house culture and student life. Given the opportunity to serve or perform as IHC chair, I'll be able to continue these discussions pick right back up where I left off. The trust that I have built with administration, not only through my duties as the Director of Operations but also through planning Techstock this year, ensures that our voices will be heard. Moreover, through my experience on the Title IX Advisory Board, the Conduct Review Committee, the Prefrosh Yield Committee, and the volleyball team, beyond just the BoD. I've gained an incredible understanding of the Caltech student body and

the unique issues we face. I believe the house system makes Caltech an amazing place to be, and I am more than ready to live and breathe Rotation, with all of its ups and downs.

During my time on the ASCIT BoD, many students have come to me with the concern that their voices are going unheard. I want to change that. Very often, decisions seem to be made in a black box. My main goal is to bring more transparency to the IHC, so that we are held accountable for the decisions we make (and so that the decision-making process is considerably less sketch). As a part of that, I'd like to strongly encourage students to attend IHC meetings as guests, perhaps by offering candy to those who stop by through better advertisement. I'd also like to write monthly articles in the Tech to broadcast what the IHC has been up to and what tasks we're focused on presently, both to earn student feedback and to update the student body on the issues they care about. Most importantly, I'd like to host drop-in hours for all students. These hours will be time that I devote to listening to student concern, and will be scheduled weekly, rotating through the houses. I realize not everyone can

make it to an IHC meeting to voice their concerns or wants to speak up in front of a group of house presidents, and I want to make sure every student has a chance to vent and express their opinions.

I know a lot of you feel like there's a battle brewing over the future of the house system.

This is a battle I am prepared to fight with everything I have to preserve and uphold the values of our student body.

Thank you, and vote Sakthi Vetrivel for IHC Chair!



**RICHARD ZHU**  
IHC Chair Candidate

I won't lie to you and tell you that mere representation will solve our problems.

Let's face it: change happens, and it happens fast. To many of us, administration's recent moves are alarming and seem like a marked departure from the past. Consider the following: New alcohol policies. Bechtel "House". A more "reliable" REGIS in the cloud. Our dearly beloved Commander-in-Chief. All these, and more, serve only to heighten stress in an already overworked student body.

Instead, let us understand and accept the things we cannot change. Let us work to change the things we can, working with administration and not against them. Let us acquire the wisdom to know the difference. But most importantly, let us bring Chouse back to Red Door.



**TYLER PORT**  
IHC Chair Candidate

(no statement)

## Board of Control Chair (1)

**GILLIAN KOPP**  
BoC Chair Candidate

so they are supported and well-informed.

The honor code was one of the first qualities that attracted me to Caltech, and I became even more impressed with its importance when I became a BoC Rep, and again through my time as BoC Secretary. Our honor code creates a wonderful environment of openness and honesty, and it is our responsibility as students to maintain this. I'm running for BoC Chair because I want to work to uphold this valuable and unique aspect of Caltech.

It's important for the BoC to maintain a relationship of trust within our campus community, and the BoC leadership has a significant role in this. As Secretary, I helped lead a discussion with the new students at frosh camp – one of their first interactions with the honor code – and effectively communicating our commitment to the honor code is vital. I strive to be approachable and a good communicator, and will continue fostering this positive relationship.

The honor code is an integral part of our culture and is something I will work to preserve and strengthen as BoC Chair.



## Board of Control Secretary (2)

**CHRISTOPHER JOHNSTONE**  
BoC Secretary Candidate

The honor code is one of the reasons that Caltech is great. The freedom to take exams when and where we want or the freedom to collaborate and learn together on problem sets relies on trust. It is extraordinary that in addition to students trusting each other to uphold the honor code, the faculty also trust students and the BoC to uphold the honor code. I'm running for BoC secretary to ensure that we can continue to enjoy these freedoms.

In addition to taking detailed minutes in cases and writing case reports, a BoC secretary also interfaces with both the defendants and representatives on the board throughout the process. Through sitting several cases as an active BoC rep and sitting two cases as a secretary, I feel like I have gained the needed experience for this position. I will work to continue the culture of trust in the honor code we have at Caltech.



**DAVID GUNBY**  
BoC Secretary Candidate

*RevComm Note: This statement was submitted late*

I am running for BoC Secretary primarily in order to continue to uphold the combination of confidentiality, fairness, and attention to detail that has characterized Board cases I have witnessed since the start of my tenure as a rep last year. The job of the BoC secretary is to keep an accurate and full transcript of the Board's proceedings before, during, and after a case in order to compile a precise and confidential record of the case. While I have no formal platform, I want to continue to emphasize the importance of the various tests and standards the Board uses to ensure continuity of those standards of judgment across cases. As BoC Secretary, I plan to investigate the feasibility and efficacy of ideas that would increase transparency of BoC standards, improve existing confidentiality protocols, allow for more tailored protection decisions to be used regularly, and continue to promote the dissemination of general guidance for when collaboration policies are vague or missing.



More statements on page 6.

# Tech Editors (2 Candidates)

**Jon Cotler and Katherine Guo**  
Tech Editors Candidates

Katherine was editor-in-chief of her high school literary magazine and has extensive experience with Photoshop and InDesign. She views The Tech as an important resource for many students here to connect to the community and learn about both local and global news. It is important that the paper continues to be an open platform for Techers to communicate and deliberate ideas that affect the campus as a whole.

Jon has worked on The Tech since the beginning of his freshman. He has experience with Adobe InDesign, and has helped to manage the layout of the newspaper on a weekly basis, along with reporting on on-campus news events. He feels that The Tech is



an important resource for keeping both students and faculty up to date on important events, both related and unrelated to Caltech.

As the current editors in chief of The Tech, Jon and Katherine have extensive experience dealing with a wide range of issues, ranging from layout to editing, from reporting to publishing. Jon and Katherine also have a team of nine additional page editors to work with to ensure that they can continue to maintain to produce a high quality publication.

As a group, we will continue to ensure that students' voices are heard and that The Tech remains a source through which students can discuss important and relevant topics. We hope The Tech can continue to be a discussion point to be questioned and challenged by the audience. We always



welcome student feedback and new contributors, and we will make an effort to include everyone on campus. An important facet of journalism is to keep this community connected by sharing news and providing an outlet for student opinions.

We are all committed to maintaining the professionalism of The Tech and upholding the standards of a college newspaper. We have all been regular contributors to The Tech and are willing to put in the time and effort necessary to put out a great paper every week.

## Off-Campus CRC Rep (1)

**Siqiao Mu**  
Off-Campus CRC Rep

(no statement)

**Sophie Piao, Milan Roberson, and Daniel Xu**  
Tech Editors Candidates

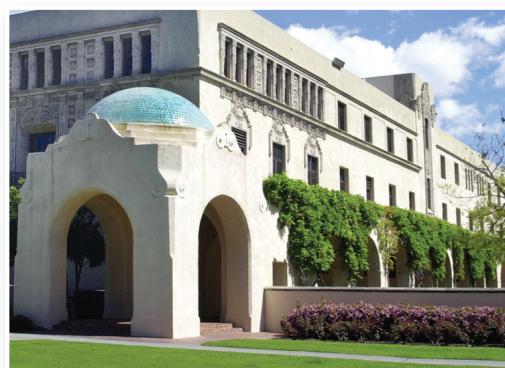
If elected, we will take The Tech in a bold new direction. We propose:

- a 4 page limit to reduce printing costs
- a hard limit of 2 articles per issue to ensure that only the highest quality journalism is distributed
- a hand-curated mail order catalogue of about 5 items—like SkyMall but with Amazon. We will show you things you didn't even know you needed!

We will keep the best parts of the Tech: the comics and sports with captions. The remaining space will be filled with crossword puzzles, word searches, sudoku, KenKen, and other puzzles and brainteasers to distract you from the pain that is Caltech. Additionally, letters to the editors must be 140 characters or less. If the President can dictate national policy within this limit then you can voice your concern within this limit too. Finally, we will forego our salary to fund prizes for weekly raffles within the Tech in order to promote readership, which has historically been abysmal.



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# Moffatt belts second home run against La Verne

GOCALTECH.COM

Actual Sports Content Editor

PASADENA (Feb. 26, 2017) – Sophomore infielder Connor Moffatt may have had his 12-game hitting streak dating back to last season snapped on Thursday at the University of La Verne, but the Beavers' batting leader gained a measure of revenge on the Leopards when he hit his second home run of the season in the third and final game of Caltech's weekend series with the Leopards.

Moffatt, who is the only Beaver to hit a home run thus far in 2017, put the ball in a near identical spot to where his first home run landed: about 30 feet to the right of the left field foul pole. The home runs are the first two of the sophomore's career, as Moffatt went homerless in his freshman season.

#### Game Two: La Verne 11, Caltech 0 (7 inn.)

The Beavers fared a little better when they returned to North Field on Saturday to host the first of a two-game doubleheader against the Leopards. The defense improved in the team's return to the turf, this time committing just two errors. Kirk got the start for Caltech and pitched his best in his first time through the Leopards' order. After

allowing two runs in the second inning, he ran into trouble when he endured a four-run fourth inning capped by a single from Thomas with the bases loaded that turned into a triple on a Caltech throwing error. While the Beavers were unable to provide Kirk with any run support, they did regain their composure at the plate, this time accumulating six hits as a team. Moffatt, who had his hitting streak snapped back in Friday's game, led the Beavers with two hits.

#### Sophomore Grant Messner relieved

Kirk in the fifth inning and pitched the final three innings in another shortened game. He gave up five runs, three earned during his time on the mound and hit three batters.

#### Game Three: La Verne 6, Caltech 2

Caltech came back with an inspired Game Three showing, albeit in defeat. It marked

the first time the Beavers were able to mount any offense against the Leopards during the series. Moffatt, who hit lead-off for the first

time in 2017 on one occasion picked up two hits to move his batting average to a team-leading .432 on the season. His home

run, a solo shot came in the fifth inning to break the Caltech offensive drought. The sophomore ended up being responsible for both of the Beavers' runs as he scored Levine in the ninth inning.

Freshman Cortland Perry got the start for the Beavers and turned in the team's best

pitching performance of the weekend. He earned Caltech its first quality start of the season by allowing just two runs in six innings of work to go along with four strikeouts. He allowed three hits and walked just two batters on the day. Had Perry been pulled in prior to the seventh inning of last week's game against Claremont-Mudd-Scripps Colleges, he would have made it two quality starts in a row, which speaks to his efficiency as of late. Senior Tim Menninger entered the game at the start of the seventh inning and struggled to maintain Perry's efficiency. Though he walked just one Leopard, he did hit three and gave up four runs in three innings of work. Perry, however took the loss as the Beavers' second run did not come until he left the game. He did remain in the game as the Beavers' designated hitter, though he failed to record a hit. The Beavers' gave themselves a chance in the ninth inning when Moffatt knocked in Levine. With Kirk in scoring position, senior Harrison Jacobs grounded out to second base to end the game, though he did maintain the Beavers' high level of defense in the outfield. Jacobs, along with freshmen outfielders Alex Corado and David Adams are yet to record an error this season.



The Moffat Man hit that ball all the way to Drury Lane.

-gocaltech.com

# Stars, experience turning tide for women's water polo

GOCALTECH.COM

Actual Sports Content Editor

PASADENA (Mar. 2, 2017) – For the first time in program history, two All-Americans return for Caltech women's water polo as the Beavers look to build on last year's record-tieing three wins.

"This team's maturity level, experience and focus is so much higher than last year," Head Coach Jon Bonafede said. "We're picking up right where we left off. Last year we spent most of our time working on fundamentals and simple concepts, but this year we're able to put those right into practice. We'll be looking to play some different defenses, create more scoring threats and just expand what we throw at teams this season."

Sophomores Katie Johnston and Brittany Percin return after recording the two most impressive rookie seasons in program history which culminated in dual ACWPC Honorable Mention All-America honors. Percin missed the first four games while swimming for Caltech but still finished just four goals shy of the single-season program record, while Johnston claimed the single-game record with nine goals in just her second collegiate competition. Both were tremendous all-around assets, combining for 76 of the team's 156 goals, 34 assists, 84 steals, 78 exclusions drawn and 25 field blocks, with Johnston ranking second on the squad in assists and Percin winning nearly 70 percent of her sprints.



LOL when Brit gets as much air as the goalie.  
Photo Courtesy of Noelle Davis



ILYSM Mary—you are an elegant, graceful water creature - Ciara Ordner  
The views, opinions and positions expressed by these captions are the caption-writers' alone, and do not necessarily reflect the views, opinions or positions of the California Tech or Caltech.

Photo Courtesy of Michael Wong

took a massive step forward as a junior, upping her assists total from a mere three in her second year to a program-record 34 in 2016 while also firing home 17 goals, making 32 steals and 12 field blocks and drawing 13 exclusions. Another senior, Sasha Zemsky,

will provide veteran leadership and has the opportunity to earn additional minutes after tallying four assists, four steals, four exclusions drawn and three blocks in limited action.

"Mary reads the game so well on both sides of the ball – she sees everything and makes the right decisions," Bonafede said. "She's always on the same page with what Katie and

Brittany are doing and has been working on her defensive positioning that will help her anticipatory skills lead to even more steals. Sasha is going to be expected to play big minutes after gaining a lot of experience last year. She put a ton of work in over the offseason, both in and out of the pool, that really shows."

Juniors Cameron Earl and Devi Ganapathi and sophomore Hana Keller are all in the

mix to fill the voids left by the graduation of Soumya Kannan and Alex Ilie. All three played limited but crucial roles last year, but each brings a specific strength to the team that Bonafede insists is essential to the team's game plan.

"Cameron, Devi and Hana have always had the skills to succeed in certain roles, but now they have a better swim base and more knowledge to put those to use," Bonafede said. "Cameron is a physical defender who we're going to rely on to guard more. Devi's outside shot has really developed and Hana has the arm to be a threat where both should be able to score when we get them open looks."

Although significantly limited in their ability to contribute last spring, junior Ciara Ordner and sophomore Gemma Takahashi are eager to contribute. Ordner's sophomore season was cut drastically short due to injury, while Takahashi walked on following the swim season with no water polo experience and spent the spring learning everything she



Cornsnake? Or water moccasin?  
Photo Courtesy of Noelle Davis

could. Both will play impactful roles in 2017, with Ordner splitting time between the field and goal while Takahashi focuses on how best to utilize her All-Conference sprinting ability.

"Ciara has been a very invested teammate and is willing to sacrifice some time in the field to play an important role for us in goal," Bonafede said. "Her biggest focus this year will be staying healthy, and we know she can make an impact. Gemma is such a ball of energy with a lot of raw talent. She may not have any formal training, but she is a natural in the water and I have high expectations for a breakout from her."

Freshmen Sarah Kreider and Mackenzie Wooten walked onto the team in early January but have gotten up to speed exceedingly quickly. Kreider will shoulder the bulk of the workload between the posts, while Wooten's innate offensive mindset should be particularly useful as Bonafede opens up the offense in his second season. Women's basketball rookie Sam D'Costa also recently joined the squad at the conclusion of the winter season – her raw athleticism and strong arm will be welcome additions.

"We've gotten a big boost from the freshman class," Bonafede said. "Sarah stepped in and accepted a tough role in the line of fire without hesitation. She is incredibly coachable and is picking things up very quickly. Macka is a quiet player whose favorite thing in the world is just putting a ball in the back of the net. She's not afraid to be physical and has a good sense for how to position herself to receive a pass and score. We're excited to see what Sam can do after getting

a look at her versatility and passing ability in basketball."

"We're excited to finally have the full squad together," Bonafede said. "We know what we do well and are focusing on creating good opportunities to play to our strengths. We're going to get down the pool quicker, limit turnovers and run a balanced, effective offense. After two months of preseason, we're ready to get into some games and compete."

## Off-Campus BoC Representative (3)

### SARAH CRUCILLA

Off-Campus BoC Rep Candidate

My name is Sarah Crucilla, and I am a frosh in Blacker Hovse.

Our campus is glued together by the simple phrase “no member of the Caltech community shall take unfair advantage of any other member of the Caltech community.” Professors and students alike strive to uphold these values, but sometimes people make mistakes, sometimes things are unclear. I want to have a voice in investigating those gray areas as a BOC rep. I am not afraid to ask questions and sieve through all the facts. I am not afraid to make difficult decisions. As a debate coach and judge outside of school, I take responsibility very seriously. I want to make sure that everyone’s voices are fairly represented. I am willing and able to put in the time needed to sit cases.



Personally, I was drawn to Caltech due our honor code; there are very few other schools that have the level of academic freedom we have. As a student on the BOC, my main goals would be to help make sure that the honesty and openness of our community persists into the future.

Feel free to message me on Facebook or email me ([scrucill@caltech.edu](mailto:scrucill@caltech.edu)) if you have any questions.

### SURYA MATHIALAGAN

Off-Campus BoC Rep Candidate

I’m Surya Mathialagan, and I’m running for the position of off-campus BoC rep. One of the things I really love about Caltech is the Honor Code system, and how much importance we give to it. In fact, this was one of the main reasons why I chose to come to Caltech! The Honor Code fosters a sense of trust in the Caltech community, allowing us to collaborate on homework in ways that are almost unimaginable in other colleges. It encourages collaboration over competitiveness, and it is not a stretch to say that it creates a learning environment that is truly revolutionary. I cherish this system and how it improves our academic experience at Caltech; therefore, I would like to be part of the team that defends it.

I understand that off-campus students need an additional point

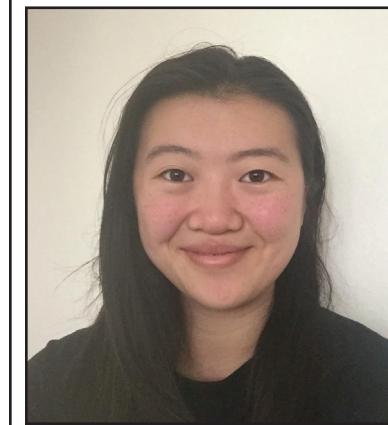


of contact as students who aren’t living in a house, and I would like to be the one to bridge that gap. I view the BoC as a group that supports students, and as off-campus BoC rep, I would really like to be there for anyone who needs emotional support through a BoC case. I can only imagine how much stress they will be put under. I want to be there for them, as their pillar of support, and help them through these difficult times.

### ALLISON TANG

Off-Campus BoC Rep Candidate

The Honor Code is a central part of the Caltech community. Through this culture of trust, we can collaborate on sets, request extensions if needed, and take exams wherever we want. I think one of the greatest results of the Honor Code is Caltech’s trust in students to enforce it. As an ARC rep for over a year, I’ve worked to improve communication between students, faculty, and administration, such as clarifying collaboration policies and addressing course concerns. I hope to expand my involvement by being part of maintaining the Honor Code and interacting with defendants. I believe it’s essential to continue the culture built around the Honor Code and I will work to be a fair and active representative on the BoCs their pillar of support, and help them through these difficult times.



## Conduct Review Committee Co-Chair (2)

### STEPHANIE HUARD

CRC Co-Chair Candidate

During my time on the CRC as a representative and acting student co-chair, I have learned that the CRC is an institution that is meant to support and protect the Caltech community. Although it is often viewed as a body which simply punishes students for violating the Honor Code and institute policy, I believe that its true purpose is to serve the community in a constructive manner. The Caltech community includes both those who uphold and those who violate the standards of conduct set forth by institute policy and the Honor Code, and it is the right of Caltech students to both feel protected in their community and be treated fairly in cases of misconduct. It is my belief that the CRC should be used as a tool to maximize the environment of safety and respect of students on campus, and as student co-chair, I would advocate for misconduct to be dealt with as an opportunity for growth and reconciliation, rather than cause for purely punitive measures that might irrevocably damage a student’s life. Helping students who have violated the code of conduct learn from their mistakes is just as important as protecting the community from further harm, and since one does not negate the other, I believe that it is the duty of the CRC to fulfill both goals.

and students should receive active support throughout the entire process, especially after a decision has been reached.

Through my positions on UASH, the CRC, and the Dean’s Advisory Council, I have developed a strong working relationship with the Deans that will allow me to better advocate for students and reach compromises that ensure the best possible outcome for all parties involved. Specifically with respect to the CRC, I already have experience doing this as I have both sat on a full committee hearing as a representative, and served as acting student co-chair for several other cases. As acting co-chair, I have handled full committee hearings and cases that have been resolved directly with the Deans. I am confident in my ability to handle CRC proceedings and negotiate with administration, and I hope to use these skills to serve you as CRC student co-chair this year.

If you have any questions about my statement or would like to discuss my views on the CRC further, I encourage you to contact me ([shuard@caltech.edu](mailto:shuard@caltech.edu)). Thank you.



### ALISON DUGAS

CRC Co-Chair Candidate

My first year as a CRC rep was one of my more disheartening experiences at Tech. Not only does the CRC seem much more concerned with institute policy than with honor code violations, but it also has shown itself to treat students unfairly due to factors beyond their control. Nevertheless, I ran again my sophomore year, and served a second term because I thought that as a returning CRC rep I would have more confidence to speak up against cases I found problematic. Seeing as individual CRC reps do not themselves have much power, I now seek to use my insights from the past few years to actually change the CRC process as student co-chair.

Since the CRC has the power to greatly disrupt a student’s life, it needs to be fair and consistent in the outcomes it produces. However, just between the two years of training sessions I took, the result from the identical sample CRC case varied significantly. While small variations between board rulings can always be expected, the training case should not have shown any consequential deviation. While it arose from a discussion including all of the student and faculty CRC reps, actual board hearings involve only two student reps, two faculty/staff members, and the student and dean co-chairs. Especially in cases where members recuse themselves, this leaves the board open to large variations in consensus opinion, depending on which subset of CRC reps are chosen to sit a particular case. Owing to this and the small demand on student reps’ time, I would very much like to see CRC policy expanded to include more than the two student reps already chosen for each case, and to increase training beyond once per year. While I won’t have the power to do this directly, I will use my

position to discuss making such a change with the deans.

Recently the CRC has been increasingly used as a tool to implement policy changes, and this is another aspect I would like to have the opportunity to change. This means that the CRC has been used not to take action in response to a particular student’s behavior, but to decide what will be done to prevent similar cases and how to deal with them if they arise. While these are worthy goals, the CRC is poorly equipped to address them. Even if policy changes are not codified or official, they should be made in a way that is not confidential and involves more than just a handful of randomly-selected students. As co-chair I seek to move the CRC away from making such preemptive decisions, or at least to deal with them in a way that is different from action-directed CRC cases.

The final issue I want to address in the CRC policies is transparency. The CRC, unlike the BoC, has no official bylaws in the Honor Code Handbook or CRC training materials. Because of this, it is unclear for example how particular reps are chosen to sit a case or receive an offer to take the place of an absent co-chair. This gives the dean the power to choose which reps she wants without accountability, potentially preferring individuals who won’t question or disagree with her or disproportionately represent the houses. Whether or not such impropriety takes place, the CRC process needs to be codified in a way that guarantees all houses equal representation, as well as offers defendants more information about the CRC discussion of their cases.

I understand that even as co-chair, I may not have the power



to implement all of these changes. However, from my position I will be able to more effectively confront administration about revising policy, and regardless of whether my specific goals cannot be achieved, I will strive to fulfill their motivations. Even if no lasting changes can be made, I will perform the normal duties of co-chair fairly, using my two years’ experience of sitting cases and frequently advising my house. I care deeply about the honor code, and I will strive to ensure that it is implemented fairly to all students, both through general policy improvements and individual CRC cases.

**tl;dr:** I want to make the CRC process more consistent and fair by increasing the number of reps per case, reducing preemptive CRC decisions, and increasing transparency and training.

# ANNOUNCEMENTS

THE CALIFORNIA TECH

MARCH 6, 2017

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## 2017 CALTECH UNDERGRADUATE WRITING PRIZES

Each year the division of Humanities and Social Sciences awards a number of prizes for undergraduate writing. Consider submitting your work to be recognized and rewarded for your work as a writer.

Submit your writing this year for these prizes:

### MARY A. EARL MCKINNEY PRIZE IN LITERATURE

Awarded to the best original poetry and fiction. Submit up to three poems. Fiction should not exceed 12,000 words – one submission.

Prize amount: \$500.00/each category

### GORDON MCCLURE MEMORIAL COMMUNICATIONS PRIZE

Awarded to the best academic writing in three categories: English, History and Philosophy.

Prize amount: \$500.00/each category

### HALLETT SMITH PRIZE

Awarded to an outstanding essay related to the work of Shakespeare.

Prize amount: \$500.00

Copies of last year's prizewinning writing are stored in CaltechTHESIS, and they can be viewed by following links from this writing center webpage: <http://writing.caltech.edu/community/prizes>

### Submission Guidelines:

## Deadline: April 4th, 2017

Only currently enrolled full-time students may submit. Entries should be double-spaced PDFs. Winners will be announced in June, and winners' names will be in the commencement program. Winning writing will be archived using CODA through the Caltech Library. Email entries to Sini Elvington at [elvington@caltech.edu](mailto:elvington@caltech.edu), noting the prize to which you are applying in the email subject and filename.

## VICE PROVOST'S OFFICE HOURS

Vice Provost, Chief Diversity Officer, and Professor of English, Cindy Weinstein, offers weekly office hours. This is an opportunity for undergraduate, graduate students, and postdocs to meet and discuss topics pertaining to the Council on Undergraduate Education; Caltech accreditation; the Staff and Faculty Consultation Center; Student-Faculty Programs; the Center for Teaching, Learning and Outreach; the Caltech Diversity Center; and the Libraries. There are four 15-minute appointments available per hour. Please sign up in Parsons-Gates room 104, or call the Vice Provost's Office at ext. 6339.

*Student Office Hours for Winter Term 2017:*

*3/8/17 Wednesday 11:00-12:00 p.m.*

*3/13/17 Monday 10:00-11:00 a.m.*

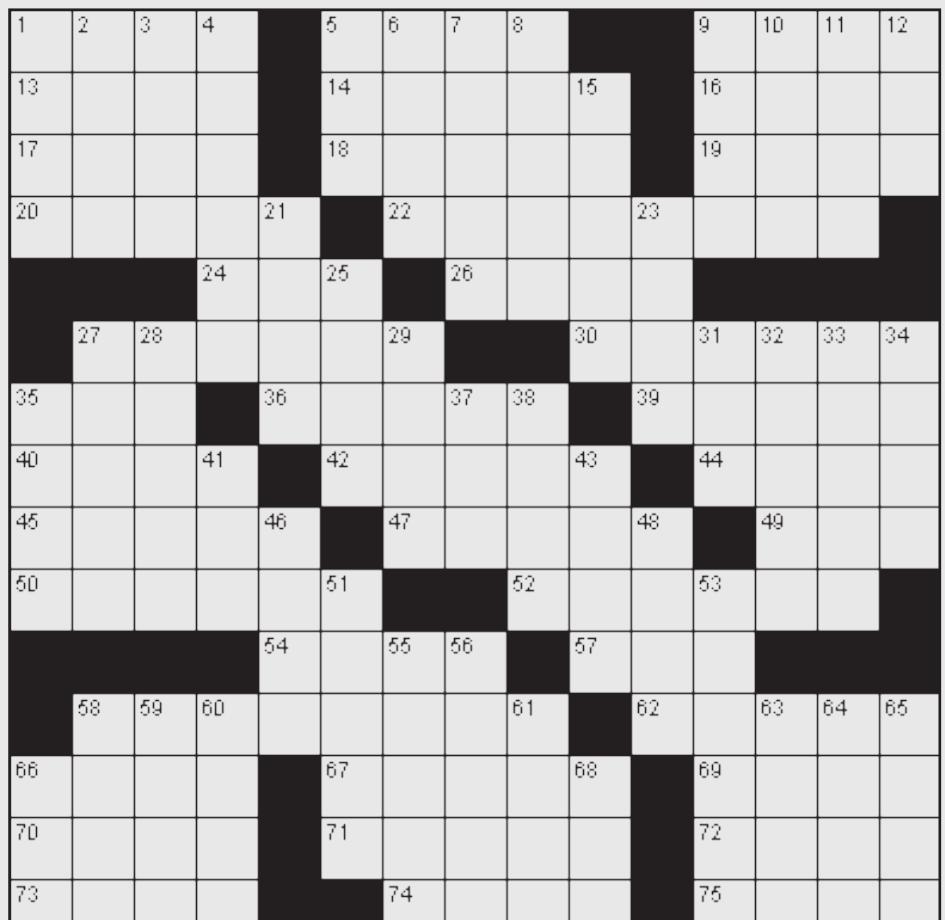
## CROSSWORD

### ACROSS

1. Boast
5. One time
9. Blocking vote
13. Acquire by efforts or actions
14. Rural area
16. Iniquity
17. Chills and fever
18. Toil
19. Transmit
20. Send money in payment
22. Textile with a woven design
24. Weep
26. Jump
27. Scuffle
30. Shellfish
35. Crib
36. Drench
39. Terpsichore
40. Motor vehicle
42. Visual representation of data
44. Young elephant
45. Fragrance
47. Addictive narcotic
49. Rodent
50. Menace
52. Red Bordeaux wine
54. Food
57. Prevarication
58. Recall
62. Exact duplicate
66. Small inlet

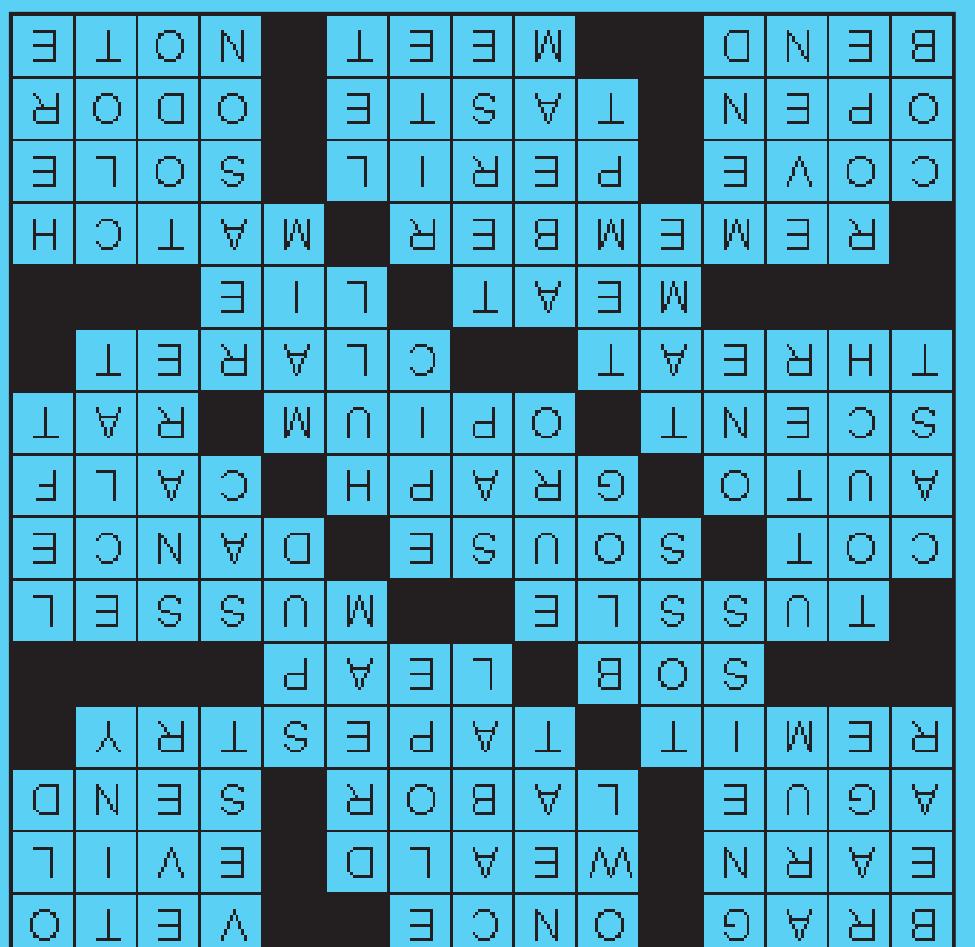
### DOWN

67. Danger
69. Being the only one
70. Kind of tournament
71. One of the senses
72. Smell
73. Curve
74. Encounter
75. Short letter
33. Enthusiastic approval
34. Remaining
35. Actors in a play
37. Deplete
38. Long narrative poem
41. Single
43. Frame or body of a ship
46. Domesticated
48. Injure or wound seriously
51. Entice
53. Think logically
55. At right angles to the length of a ship
56. Laconic
58. A strong line
59. Fifty-fifty
60. Repair
61. Customary observance or practice
63. Commotion
64. Coagulate
65. This place
66. Adult male swan
68. Allow



-<http://puzzlechoice.com>

## Answers to current crossword (pg 7)



-<http://puzzlechoice.com>

## Why is Tech Editor an Elected Position?

G. Kuo

This has been a mystery for me for a while. Well, the thing that I really wonder about is what if the "incumbent" editors lost? Would we train the winning team? What would stop us from just going "here's the combo to the room, figure the rest out yourself." I suppose elections for Tech editor could prevent abuses of "power", like pandering toward our personal interests...Speaking of power--Sophie, Dan, and Milan, I really enjoyed your candidacy statement, but I have to say that us editors (well, except the sports editor, hmmm) have already chosen to forgo getting a salary in the best interests of the paper, and even then we don't have money (??). Would love any suggestions.

Anyway, regardless of the outcome of this very contentious election, I wholeheartedly welcome Sophie, Dan, and Milan to the newspaper team. We meet most Thursdays at 5pm in the SAC!

Love, definitely not Jon Cotler.

### *The California Tech*

**Editors-in-Chief**  
Jon Cotler  
Katherine Guo

**Page Editors**  
Alex Cui  
Noelle Davis  
Ramya Deshpande  
Tanvi Gupta  
Chloe Hsu  
Hye Joon Lee  
Maitreyi Nair  
Ciara Ordner  
Helena Shield  
Rona Yu

**Circulation Manager**  
Mason MacDougall

**Advisor**  
Richard Kipling

Caltech 40-58, Pasadena, CA 91125  
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Letters and submissions are welcome; e-mail submissions to [tech@caltech.edu](mailto: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 p.m. 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 [tech@caltech.edu](mailto:tech@caltech.edu). For subscription information, please send mail to "Subscriptions."

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