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TECH@CALTECH.EDU

APRIL 9, 2018

# The California Tech

## Recent Developments in Student Government

### EDITORS-IN-CHIEF

In a flurry of democracy at the close of last term, fresh faces were elected to a variety of student government positions. Frosh Nicholas Currault and Catrin Murphy were grateful to have won their uncontested elections for off-campus BoC and CRC representatives, respectively. Both frosh acknowledged the competency of their opponents, NO and NO, with Currault calling NO "a great candidate with support from across the community," and Murphy admitting that "honestly, NO would have been a great CRC representative" and that "it must have been a tough choice for a lot of people."

After receiving news of her team's victory, Tech Editor-elect Sophie Piao admitted that she "had never considered (herself) well-organized or ambitious enough to seriously

go for a position like Tech editor while also serving as Dabney's president." Evaluating the work that lay ahead, Piao said that she considered herself "incredibly fortunate to have run with such a capable and adaptable team," and concluded, "Even if it stopped being funny as soon as we won, maybe we can manage to laugh together until the end."

Sophomore Harel Dor, who won a contested election for CRC student co-chair, said in a statement: "I'd like to thank Cody for running a good race and Stephanie for helping me through this transition. I'm really honored to have been elected and hope to serve our community well." One of Dor's goals as CRC student co-chair is "to finally fix the inconsistencies between the Honor Code handbook, the ASCIT bylaws, and the CRC itself." The Honor Code handbook and the ASCIT bylaws disagree on who is a

member of the CRC; besides the student co-chair and House representatives, the Honor Code handbook says that the CRC has at-large representatives, while the ASCIT bylaws list off-campus CRC representatives. The CRC currently has both.

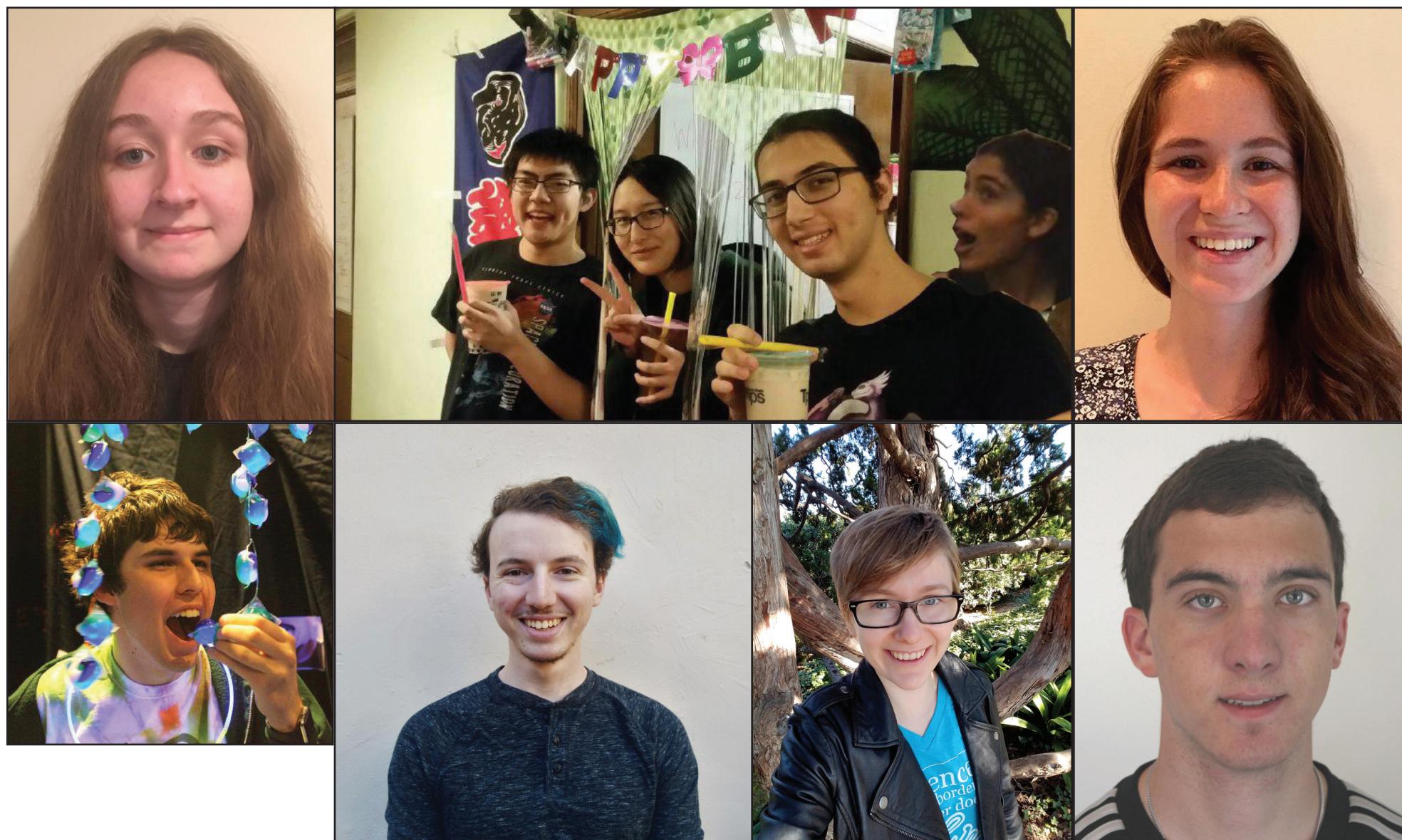
Megan Durney, another brave Techer besting the tenacious NO, this time for one of two BoC secretary offices, is "really excited to be BoC secretary" and "work alongside Chris Johnstone, other members of the BoC, the deans, and the Caltech community as a whole to protect and uphold the Honor Code." The Review Committee has since appointed Kelly Liu as the second BoC secretary because NO, the second winner, was not qualified for the position. Newly elected BoC Chair Chris Johnstone did not immediately respond to several requests to

comment through Facebook Messenger.

In perhaps the most hotly-contested election last month, sophomore Sarah Crucilla was elected as IHC chair. She said in a statement: "I'm super excited to serve as IHC chair this year. I'm looking forward to working with the community to make sure the things we love about Caltech and the House system continue to persist. When going around to each House for dinner before the election, I was again reminded of why I chose to come to Caltech. ... There's such a sense of community. Whether someone chooses to live in the Houses or outside, I want them to have the awesome experience Caltech's residential life provides; I want to make sure Bechtel also is a place where people can feel comfortable and happy and people are able to choose which housing option suits them

best." Crucilla elaborated more on her role on the Advisory Committee on Residential Life: "(The ACRL is) working to make sure that Rotation will be an enjoyable experience for both upperclassmen and frosh in the coming years, but I know it's going to be difficult to please everyone. If anyone has concerns, feel free to reach out to me, because I want to represent the breadth of student opinions."

Because Crucilla stepped down from her position of ASCIT treasurer to take office as IHC chair, the ASCIT Board of Directors solicited nominations for an interim treasurer to stand in until ASCIT BoD elections later this term. From the interviewed pool of nominees, Varun Shanker was appointed interim treasurer. Shanker did not immediately respond to a request for comment through Facebook Messenger.



The new faces of student government.

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# Upcoming Events

## EDITORS-IN-CHIEF

The Upcoming Events column serves to inform students of upcoming events. The list is compiled by the Editors-in-Chief from information available around campus.

### Veritas Forum: What Does Human Progress Mean?

Thursday, April 12th | 7 PM | Beckman Institute Auditorium

This year, the Veritas Forum at Caltech will consider "What does human progress mean?". Featuring Dr. Alana Ackerson, a finance leader and entrepreneur based in Silicon Valley, and Dr. Christopher Hitchcock, Professor of Philosophy from Caltech, we will explore this enduring question through the lens of technology, science, and philosophy. The Forum will focus on how the next generation of leaders can think about implementing technology in a way that allows for true human progress.

The Forum will consist of short presentations, a moderated discussion between Dr. Ackerson and Professor Hitchcock, and an open Q&A session with audience members. Light refreshments will be served at the end of the Forum.

### Safe Zone Training – Students

Thursday, April 12th & Friday, April 13th | 12-1 PM | Avery Library | CCD

The Safe Zone Program exists to provide LGBTQ students with a simple way to identify administrators, faculty, staff, and students who are allies and have been trained to approach concerns in a confidential, non-judgmental, and affirmative manner. Lunch will be provided. RSVP required: <http://diversitycenter.caltech.edu/RSPV>

### Caltech Dance Show

Friday, April 13th & Saturday, April 14th | 7:30 PM | Ramo Auditorium

The annual Caltech Dance Show is the premier showcase of dancing by undergraduates, graduates, staff, postdocs, and (sometimes) faculty at Caltech. Come see your classmates and labmates perform hip hop, Bollywood, contemporary, ballet, and more!

The same show will be presented on Saturday, April 14 at 7:30 p.m. For both shows, doors open at 7:00 p.m.

## Summary of ACRL Report 1

**CHRIS DOSEN**  
Contributing Writer

The Advisory Committee on Residential Life was created to advise the vice president of student affairs on what changes need to be implemented in residential life in preparation for the opening of the Bechtel Residence this coming fall. Their first report, published on March 16, details the process for allocating rooms to continuing students for the next year.

The full report can be found on the student affairs website, and a summary is provided below:

First, all continuing students will receive a random unique priority number (uPN).

Any student or group of students that wishes to live in Bechtel/Marks/Braun as their first choice can apply to do so in the early lottery process and will be assigned a lottery number independent of uPNs. These lottery numbers will only be used in round one. Applications in round one are optional and students can still participate in House room picks if they do not select a room. The deadline for applications for the early lottery is April 15.

Tickets are \$5 and can be purchased at the door or at the Caltech Ticket Office. Advance ticket purchase is recommended to ensure you get a seat.

### Trafficking in the 21st Century

Monday, April 16th | 12-1 PM | Avery Dining Hall | CCD

Human trafficking can be seen as a form of modern-day slavery where humans are traded for a range of purpose – forced labor, sexual slavery, and/or commercial exploitation. Come discuss the broad range of implications for global initiatives to end trafficking.

### Hathaway Sycamores

Every Monday | 5:45 - 8:00 PM | Highland Park | Caltech Y

Volunteer at Hathaway Sycamores, a group that supports local underprivileged and motivated high school students. There are a variety of ages and subjects being tutored. The service trip includes about 40 minutes of travel time and 1.5 hours of tutoring. Transportation is included.

For more info and to RSVP email Elisabeth at [egallmei@caltech.edu](mailto:egallmei@caltech.edu). Eligible for Federal Work Study.

### Mentors for L.I.F.E

Volunteer times: 2:45 - 5:00 PM at various locations in Pasadena | Caltech Y

Stressed out by school? Step outside the Caltech bubble and mentor tweens who've yet to even consider college. Things you could do: Build a baking soda and vinegar volcano, read a book aloud, play sports or board games, teach the alphabet of another language, do a craft. Having a mentor makes an at-risk student 55% more likely to attend college, 78% more likely to volunteer regularly, and 130% more likely to hold a leadership position. Interested? If you have 180 seconds, you can watch this video and be inspired. If you have an hour a week, you can mentor someone and be their inspiration. If you feel unqualified, don't worry. Ultimately, mentoring is about being a consistent, dependable friend—not a surrogate parent or psychiatrist.

To get started, contact [noelle@caltech.edu](mailto:noelle@caltech.edu).

Round one: Groups and individuals that filled out early applications will have the option to meet with Housing in order of lottery numbers and choose a room or suite, with complete groups having priority over incomplete groups.

Individuals who applied will then be allowed to pick.

Anybody who picked a room at this point will be ineligible to participate in House picks or round two.

Houses will then hold room picks as per their usual procedures using uPNs.

Anyone picking into a House is locked into the room they picked.

Round two: Any student without a room after House picks will have a chance to pick into open Bechtel/Marks/Braun rooms in order of their uPN. There are no groups allowed at this point.

Round two will only happen if there is space left in Bechtel/Marks/Braun after round one. Anyone who does not have a room at the end of round two will not be guaranteed housing next year.

For greater detail on the process, it is best to read the full report, available at [stduaff.caltech.edu/acrl](http://stduaff.caltech.edu/acrl).

# ASCIT Minutes

Meetings are every week in SAC 13

### ASCIT Board of Directors Meeting

Minutes for April 7, 2017. Taken by Dana He.

**Officers Present:** Sakthi Vetrivel, Kavya Sreedhar, Sarah Crucilla, Sara Adams, Alice Zhai, Dana He

**Guests:** Robert Eng, Cathy Miao, Sophus Shackford

**Call to Order:** 6:01 pm

### President's Report (Sakthi):

- ACRL released first report. Housing lottery is ongoing, applications for first round of Bechtel picks are ongoing. Concerns about the number of freshmen in each house not being solidified.
- ASCIT turnover is May 14th.
- Working on dinner schedule for Prefrosh Weekend.
- Midnight pizza event during Prefrosh Weekend.
- Prefrosh Weekend host matching happened yesterday. Need more male hosts.

### Officer's Reports:

#### V.P. of Academic Affairs (Kavya):

- Core Connections panel happening next week during lunch.
- Course capture happening for Physics 2c.

#### V.P. of Non-Academic Affairs (Sarah):

- Last ACRL meeting discussed values and going forward will be working on deciding frosh allocations and Rotation. Will be meeting again on Monday.
- IHC met to talk about what ACRL report meant for house room picks. Decided houses can do whatever they want so long as they are after 1st round Bechtel picks.
- Considering new animal policy. Avery will be getting cat alley for ESA cats, and Bechtel will have ESA suites. Marks (but not Braun) will be ESA friendly.
- IHC Secretary sign-ups have been taken down. Interviews will happen soon.

#### Director of Operations (Sara):

- Got ASCIT screening room speakers to work. Will work on mounting speakers and further renovations.

#### Treasurer:

- PRISM requesting \$2000 for Robyn Ochs talk and workshop on 4/23 on biphobia. Expecting attendance of 40.
- Badminton Club planning campus tournament, about 40% undergraduate attendance. Requesting \$375 for shuttlecocks and trophies (trophies are \$125 total, shuttlecocks \$12.50/tube for 50 tubes). Also applying for GSC funding, so would like 50% from ASCIT.
- Puzzle Hunt requesting \$1300 for food, swag, and prizes for puzzle hunt event. Had ~60 attendance last time. Has 58 sign-ups for tomorrow.
- April 12th meeting between new ASCIT treasurer, Sarah (outgoing treasurer), and administration to discuss Big T issues.
- Talked to Judy Young about new reimbursement policy. Reimbursements must now be 30-90 days since purchase.

#### Social Director (Alice):

- ASCIT formal was yesterday. Guessing attendance was ~290. Went well. Had some issues with people getting on the bus without paying. Expenses were ~\$2,000 over budget.

#### Secretary (Dana):

- Approved bylaws and resolutions revisions proposals. Will ask Revcomm Chair about how to proceed.

If anyone has any questions or concerns about a section of the minutes please email the appropriate officer. We are happy to answer any questions.

**Meeting Adjourned:** 6:48 pm

# ARC Minutes

Meetings are every week in SAC 13

### ARC Meeting Minutes 4/8/18

**Present:** Kavya Sreedhar, Allison Tang, Matthew Zeitlin, Michael Yao, Alejandro López, Erika Salzman, Arushi Gupta, Vibha Vijayakumar, Asta Wu, Amrita Rhoads, LC Chen, Albert Nazeeri, Sirisha Gudavalli

**Minutes submitted by:** Allison Tang

#### 1. Programming

- a. Core Connections Panel is this coming Tuesday, 4/10, in Brennan Conference Room at noon; will discuss connections of core with upper-level classes
- b. Course Capture: Ph2c and Psy13 will be recorded this term
- c. Student-Faculty Lunches and Software Seminars: start organizing
- d. Research Seminars: coordinate with the GSC Academics Chair to plan joint undergrad and grad student research seminars
- e. Research List: almost done, with around 40 labs interested in taking undergrads, will be released shortly
- f. Course Concerns: organize ombuds training for the term
- g. ASCIT Teaching Awards: make planning committee to gather nominations for professors/lecturers and TAs then plan the Athenaeum dinner

#### 2. Projects

- a. Course Compliments takes rolling nominations; can submit nominations for professors/TAs of previous terms
- b. Olive Walk Display Case will be updated with ARC events

#### 3. Miscellaneous

- a. Add/drop cards and course conflict cards are available at the Registrar
- b. ARC bylaws will be updated later this term

The ARC website at [arc.caltech.edu](http://arc.caltech.edu) has more information about what the ARC does if you are interested. We meet every Sunday at 11am in SAC13 and our meetings are open to everyone! If you have any questions, please feel free to email [ksreedha@caltech.edu](mailto:ksreedha@caltech.edu).

# Feminist Club Conversation with Admissions Officers

JAKE MATTINSON AND  
ALICIA TIRONE  
Caltech Feminist Club

Recently, we interviewed Jarrid Whitney, the executive director of Admissions and Financial Aid, and Derek Terrell, the assistant director of Admissions, regarding admissions, feminism, and living up to the history of Caltech. The following highlights have been lightly edited for clarity:

**Q: Do you consider yourself a feminist?**

**Whitney:** I haven't thought about that term for myself, so I wouldn't say "yes" right away, but since coming to Caltech, I've done a lot to bring gender equity up to the forefront. Although I'm still learning what being a feminist means, I definitely believe I am supportive of the rights of women, especially in the role I hold.

**Terrell:** Oh, yes. I consider myself a feminist, and (think) that we at Caltech should empower women in any way we can. I also believe that if I am afforded any privilege just because I'm a man, I should use that privilege to help women.

**Q: What is Caltech's policy regarding affirmative action?**

**Whitney:** When we talk about trying to create a more diverse community, the biggest thing is creating the strongest applicant pool that we possibly can. And we need to work hard to create a safe and welcoming space for all underrepresented admitted candidates. Rigor is such that we are not going to take academic chances on students who will not survive the demands of the Caltech community, but we can do more to increase the yield of admitted students from marginalized communities.

**Q: There is a concept of "women getting in just because they're women." What do you think of that?**

**Whitney:** It is true that the percentage of women who are applying is less than that of men. ... But the quality of the overall group of women who apply is tremendous. The dedication they've taken on... they've already taken on the grit of being one of the few women in (science) programs while in high school. The profile of the women who are admitted versus that of the men who are admitted is virtually identical, if not stronger in some regards.

**Q: How have things changed in admissions over your time?**

**Whitney:** I've been in admissions for 23 years. During that time, before coming to Caltech, much of my work was on the front lines of diversity recruitment: working with Native American students, low income students, etc. I told the administration when I interviewed for the Caltech job in the spring of 2010 (that) I couldn't change the academic profile, but I definitely felt that Caltech could do better with diversity. It could and should have a lot more women. ... I would say from an admissions standpoint (that) we often speak about these issues, but over the past 3-4 years the senior administration has fully embraced this a lot more. It's been supported by the administration overall, and the faculty, for that matter. (When I got here), no one

was really talking about it much. People weren't doing a lot of this work from the admissions side. ... The rate of success wasn't there yet. I love having a great team to take it to the next level. We had to work really hard to get in that 40% range for enrolling women, but we want to get to the point where we're hitting 50% every year, so we don't have to discuss whether we're hitting that equity threshold. Some STEM colleges are now enrolling more women than men. We've come a long way in the past few years but there's more work to do.

portray Caltech in a better light have okay effects.

**Whitney:** The hardest thing I face (is that) I've been here for seven years and even when I told my colleagues at other schools that I was coming to work here, their first reaction was: "Why would you go to work at Caltech? They don't care about diversity." I've not received any pushback from anybody on this campus about our efforts to diversify the demographics at this school. I think it's because they know we're doing it the right way — keeping

that we're trying to break down and unpack a little bit.

**Q: One element of diversity that has really been major recently is the idea of "diversity of thought." Have you done anything with regards to the concept?**

**Whitney:** When we read through all the essays of students, what's important to us is to find students who are creative in how they think. We hope they're open and collaborative in nature. Does their collaborative spirit come

out? Regardless of their own leanings, they still can work with others. That's what we hope to achieve, but we look for that in what their teachers write about them and what they write about themselves.

**Terrell:** Are you seeing that there are places where you can engage in that discourse? At other schools, which are maybe less STEM focused, there are many

classes where students can debate. It's encouraged. Are you finding avenues where people can talk about these ideas?

**Mattinson:** I think those are forming, especially because of what has happened with regards to unproductive discourse which has just led to a lot of hurt. In terms of formal coursework, I don't think that people feel like that's an outlet. There aren't that many classes which are of that order. Small classes exist about that.

**Whitney:** Well, I'll give you a great example: My staff is pretty well represented at the Dish & Discuss events. That's been a lot of rare conversations. People have been really engaging with things that aren't publicly spoken about here as much, whereas in other schools the whole freshman class is in these conversations mostly due to required courses elsewhere. We're wondering how much this discourse is happening on campus.

**Mattinson:** I don't know how much that bleeds into classes. I had that in a freshman humanities class with Chris Hunter a little, which was really nice.

**Tirone:** I think it's very difficult to focus on that kind of discourse when you're just very bogged down with all the classes. The amount of time you can dedicate to these issues is limited by all the things you want to focus on.

**Mattinson:** I worked at the (Caltech) Y over the summer. Part of the thing about the Y is that they have 100 years of well-documented history. Like, Martin Luther King Jr. talked here; Desmond Tutu talked here. You can see these pictures of huge areas being filled with pretty much everyone. I feel like there's some disconnect between that level of radical political activism of the past — like "Impeach Nixon" — and the expectation of lots of work.

**Whitney:** I mean, I think the whole concept of white privilege and everything that's going on in America today: It doesn't seem like there's a whole lot of opportunities

for students to talk about these things. ... It's interesting, because it's hard to engage students to talk about their identity. People are so focused just on their math/science identity. At every school I've gone to or worked at before, people always talked about their identities first, then maybe their major or other activities.

**Tirone:** It's also a function of the culture of STEM. A culture of meritocracy: you are your work. Your other features fade into the background.

**Whitney:** That piece I've seen as constant. One of my passions is to engage Native American students. We've enrolled Native American and Alaskan Natives in our time here, but trying to engage them in even math/science Native American activities is hard. They're so bogged down with stuff on campus that they can't even think about getting off campus even to go to a conference. You know, we look at the people who turn us down. There are still a group of students who would be fabulous at Caltech, but want a broader curriculum that they don't think they could get here. I think our HSS (Humanities and Social Sciences) courses are great; I think if they gave us a chance, they'd be amazed at the diversity of courses we offer. I want to talk to that group of students. They never turn us down for better math/science experiences elsewhere; they usually talk about other aspects of campus life that they perceive we can't offer them.

**Q: Do you have anything else you want to add?**

**Terrell:** Has there ever been a group of students who wanted to put in a freshman seminar-type course? At many schools there's a seminar not focused on STEM—more focused on humanities/social sciences.

**Mattinson:** I mean, there are freshman humanities, which are supposed to be like that. There's also the conversation about the summer book assignment. We've talked about that expanding into more things. My experience was sitting down for an hour with a professor but you're so fresh-faced that it's hard to get into things like the racial implication of Henrietta Lacks ... etc. Even if you're already passionate, for example, about the Title IX program in the first week, there were breakout groups, but the real problem is that no one wants to talk about it. In Challenges and Choices we see that too. When I was a prefrosh, I had a lot of ideas about depression, and we got to that point and I didn't want to talk about anything because I didn't know those people. I think there's a lot of little places for this, but in terms of a unified thing, no one has really talked about that, as far as I know.

**Whitney:** You've seen the "Portrait of the Class" program at the beginning of the year at Frosh Camp. I love the fact that the essay excerpts are in a series that have a connection to the real life experiences of our new students. I've been amazed how our newly admitted and enrolling students are listening so thoughtfully. I don't know how much conversation happens after those sessions. In the past, we tried breakout sessions. It didn't go over as well. I think there should be some conversation afterwards during orientation as to what they learned from that event.



Photo courtesy of Caltech Admissions.

**Q: What specific things does admissions to do attract women/gender minorities?**

**Whitney:** We hire admissions officers that are representative of the diversity we're trying to achieve, but are also sensitive to that goal. We don't necessarily ever have Caltech alumni working in our office for us. (We are) creating opportunities and programs that are going to bring these students to campus such as putting travel grant money behind PFW to bring students to campus that might otherwise not get to go. We want to continue to do this to get students to apply and then also to enroll if they are admitted. Faculty have also been instrumental in calling our admitted students.

**Q: One thing that admissions obviously cares about is the public perception of Caltech. Many argue that shows like "The Big Bang Theory" enforce the idea that STEM is intrinsically male. While it's nice to have a show take place at our university, do you think that portrayals of Caltech are harming Caltech in the long term?**

**Whitney:** I do watch BBT occasionally, but every time I watch I'm just like, "Oh my gosh, it's just feeding into every stereotype about 'nerds' that we don't want to fit into that bubble." I think it sends the wrong message. There are much better, smarter shows out there that are more reflective of the changing times. When recruiting new students, I try to avoid bringing up that show. I don't want to sound defensive. I know we get a lot of people interested in Caltech because of that.

**Terrell:** We've also gotten a lot of attention because of Alex from "Modern Family." It's nice to see a woman in STEM on TV and in the media. Seeing her experience at Caltech is good, even if it may not be the experience some of you actually have. Most shows that

the academic high bar — but we have to be more creative and assertive in trying to find students and make sure this is a welcoming place.

**Q: Derek, because you're pretty new: When you first thought about this job, did you have a similar experience with regards to Caltech and diversity in particular?**

**Terrell:** My big question when I came here was: "I know we're trying to make Caltech a more diverse place, so when students get here, are they being supported?" I don't want to go out there "recruiting" if once they get here their experiences are going to be negative — particularly for women, first-gen(eration) students, rural students, and students of color. Caltech isn't perfect, but we're trying; I personally didn't want to work at a place where everything was already perfectly laid out and I would come in and just do my basic responsibilities. It was nice to know that there are a lot of things that I can get involved in making this a more diverse and inclusive space.

**Whitney:** To comment on that: I think one thing that's important when we're recruiting prospective students is to acknowledge that we're not a perfect place. There are no perfect schools. We want to be open and honest with students that we've been working hard over the last decade to make positive change. I love having new staff on board and saying, "That seems great, why don't we try this?" Derek, for example, is running our new high school counselor advisory board: where we are bringing out counselors from public schools, private schools, and CBOs (community-based organizations) to give us a perspective from their eyes, from their communities, to see what more we can do. We say these great things, but are they actually seeing things? They just left yesterday. I think there's still a strong stereotype about Caltech

classes where students can debate. It's encouraged. Are you finding avenues where people can talk about these ideas?

**Mattinson:** I think those are forming, especially because of what has happened with regards to unproductive discourse which has just led to a lot of hurt. In terms of formal coursework, I don't think that people feel like that's an outlet. There aren't that many classes which are of that order. Small classes exist about that.

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**Whitney:** I mean, I think the whole concept of white privilege and everything that's going on in America today: It doesn't seem like there's a whole lot of opportunities

# ANNOUNCEMENTS

THE CALIFORNIA TECH

## EMOTIONAL WELLBEING SERIES 2018

LUNCH PROVIDED  
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COUNSELING SERVICES

JANUARY 17

POSITIVE PSYCHOLOGY

JANUARY 31

GRIEF AND LOSS

JANUARY 24

EMOTION REGULATION STRATEGIES

FEBRUARY 21

SEXUAL HEALTH  
\*LAURITSEN (bldg 48) rm 269

FEBRUARY 14

HEALTHY RELATIONSHIPS

MARCH 7

ALCOHOL &amp; DRUGS

FEBRUARY 28

PROCRASTINATION

APRIL 16

HEALTHY ADVISOR RELATIONSHIPS

APRIL 11

COPING WITH ADHD

APRIL 25

HEALTHY SLEEP

MAY 9

STRESS MANAGEMENT

MAY 16

MINDFULNESS

## Caltechlive!

EARNEST C.  
WATSON  
LECTURE SERIES

Wednesday, April 11, 2018 • 8 PM

MICROBIAL LIFE SUPPORT:  
THE VISIBLE LIVING NETWORKS  
THAT SHAPE OUR OCEANS

Victoria J. Orphan, James Irvine Professor of Environmental Science &amp; Geobiology, Caltech Division of Geological &amp; Planetary Sciences

Dr. Orphan will talk about the activities of marine microorganisms from the ocean surface to deep in the earth's crust.

Public Lecture • Free Admission • Free Parking  
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[www.events.caltech.edu](http://www.events.caltech.edu) • 626.395.4652Cosponsor:  
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Federal Credit UnionAmazon SkyMall raffle link: <https://goo.gl/forms/ElQZr3ayIM3w7HOk2>

## Emotional Intelligence Toolkit

### EMOTIONAL AWARENESS

Get better at knowing what you're feeling, and see how your thoughts and feelings affect each other. **April 16 & 23**

### OPEN-MINDEDNESS

Learn how to be more flexible in the way you see the world. **April 30 & May 7**

### FACING FEAR

Learn how to hang in there with difficult situations and emotions without having to avoid them. **May 14 & 21**

*3 modules, 2 sessions each  
attend one module, or all three!*

**Mondays, 4-5pm  
Avery Library**



counseling.caltech.edu

### EMOTIONAL WELLBEING SERIES 2018

# ATTENTION, PLEASE!

## ASSESSING, UNDERSTANDING, & MANAGING ATTENTION ISSUES

**WEDNESDAY, APRIL 11 @ 12PM  
EVERY LIBRARY**

**LUNCH PROVIDED**

Does your mind wander off task causing you to read and reread the same material multiple times? Are you struggling with organization, time management, and self-discipline? Dr. Ken Herman will discuss facts about attention deficits and what you can do to manage these challenges.

**COUNSELING.CALTECH.EDU**

# SPORTS

THE CALIFORNIA TECH

APRIL 9, 2018

5

## Yoji\_nectar Overtakes sudo\_rm\_rf in a Close 34-29 Game

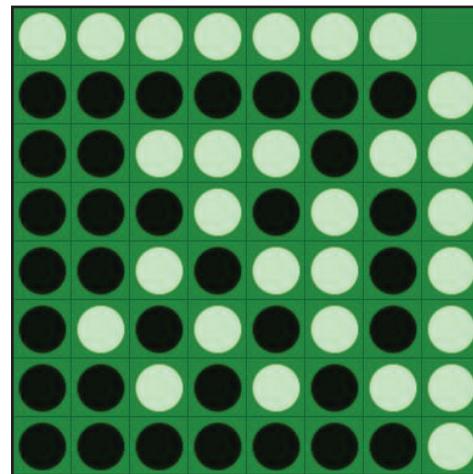
DANIEL XU  
Editor-in-Chief

With over 80 teams from Caltech fighting for the title of champion, the CS 2 Othello tournament set finals week ablaze with stories of bitter rivalries, huge upsets and crazy optimizations. Tournament organizer Zachary Domanico described the event as “a long day of fierce competition where many bits were flipped, many scrolls were locked and many dreams were dashed.” No game embodies the spirit of the Othello tournament as well as the adrenaline packed game between the top two finishing bots, Yoji\_nectar (Black) and sudo\_rm\_rf (White).

Yoji started out the game with a standard move to the flank of Sudo. Sudo responded with a move taking the center of Yoji's formation, a response favored by more modern bots over the traditional opening lines. This seemed to pay off around turn three as Sudo gained the upper hand with a score of 2-8. At turn 16, everything was going well for Sudo as it kept its lead at 15-21. However, Yoji wasn't done yet. Yoji consolidated its holdings around the left side of the board between the two large groups of Sudo's squares. Sudo continued to press the attack. By turn 26, Sudo forced Yoji to only a few spread out squares, bringing the score to 13-39, and had even captured a corner. At turn 29, it seemed as if Yoji\_nectar was doomed. Sudo had captured another corner and maintained a 17-41 lead.

Despite all odds, Yoji fought on. Its modest counterattack on turn 30 set up a situation that forced Sudo into a single legal move. Yoji then struck. It took its first corner in a genius play. Sudo had no legal moves to play. Yoji played across the board towards the last remaining corner, reversing fortunes from 26-35 in favor of Sudo to 36-26 in favor of Yoji. Sudo could not make up the difference with its last move and fell to the victor with a final score of 34-29, much to the shock of its fans. Yoji\_nectar's miraculous comeback shook the standings and gave legitimacy to its claim as the champion of the entire tournament.

Link to the game: <https://goo.gl/99XsGk>.



Final board of Yoji\_nectar vs. sudo\_rm\_rf  
[courses.cms.caltech.edu](http://courses.cms.caltech.edu)



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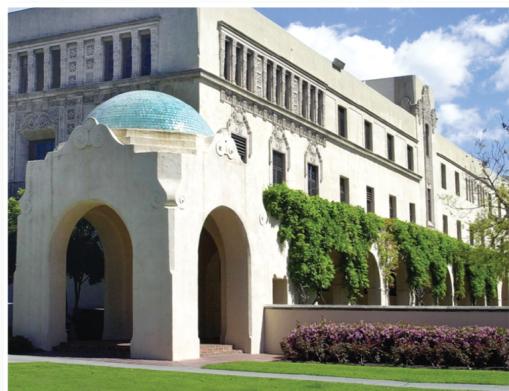
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# PUZZLES

THE CALIFORNIA TECH

APRIL 9, 2018

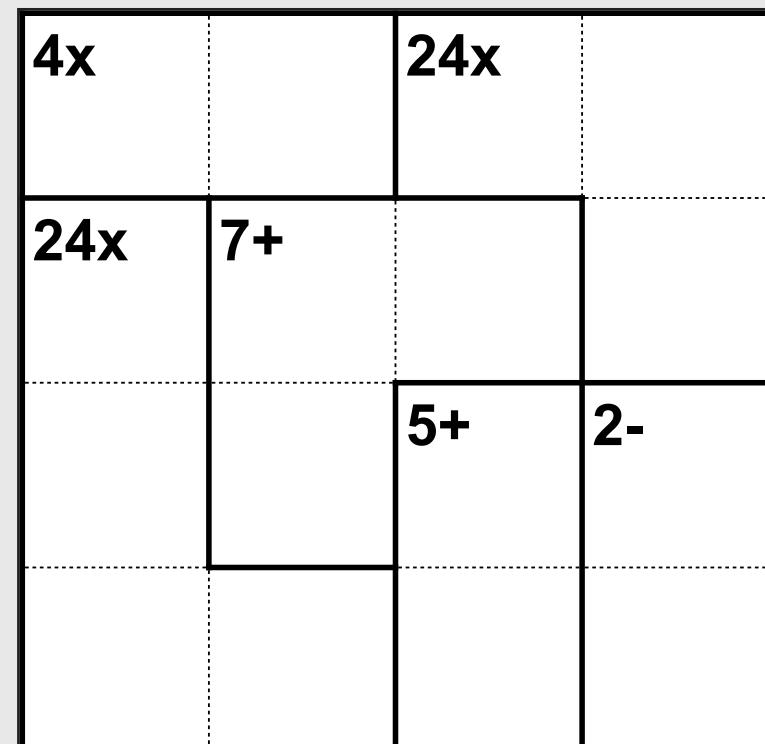
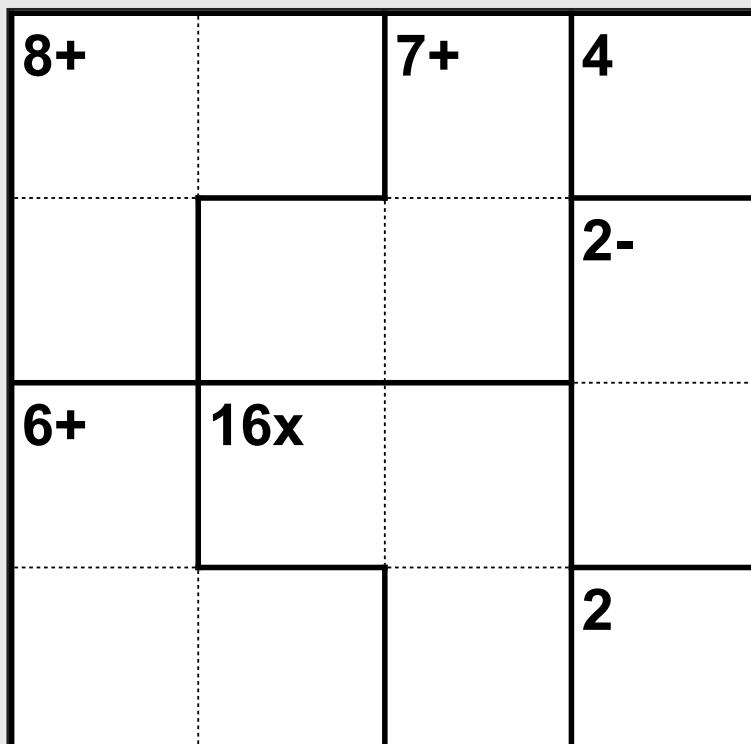
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## Mathdoku (KenKen®)

How to play Mathdoku (KenKen®):

1. Each box contains an integer from one to four.
2. Every row and column must contain exactly one of each integer.
3. The integers inside each cage (enclosed by bolded lines) must give the target number when combined with the operation shown.
4. Single box cages have no operation and just give the integer inside the cage.

Puzzles adapted from krazydad.com and mlsite.net



## Diagramless Crossword

The diagramless crossword is similar to a standard US style crossword except in this puzzle there are five main differences:

1. You start with an empty 17x17 grid and are required to block out the unused cells yourself.
2. The clue numbers in the upper left corners are not filled in, so you have to figure out which cells are the correct ones and write in the clue numbers in small print.
3. The word lengths are not given, but all are at least three letters long.
4. The completed grid will form a pattern with diagonal symmetry.
5. Every white cell forms part of an Across and a Down answer.

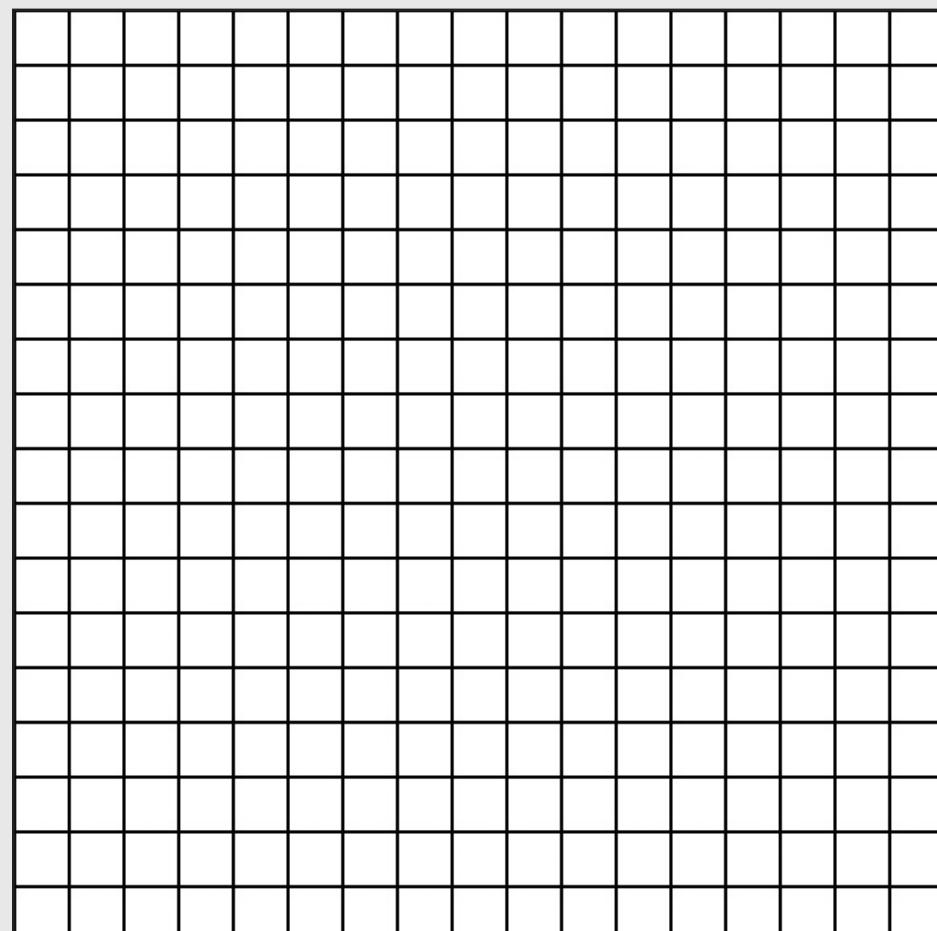
We thought the old crosswords were too easy for y'all, so have fun!

Hint: 1 Across starts at Row 1, Column 2

### Across

1. Story
5. Adjoin
9. Trio
10. Product of the flax plant
12. Harbinger
14. Relating to cats
15. Golf club
16. Assuage
22. Deprivation
23. Novel
24. Head of state
25. Fish trap
26. Of general appeal
27. Navigated
32. Darn
34. Mollycoddle
35. State of listless inactivity
40. Foreign
41. Simpsons character
42. Shriek
44. Cave
45. Back muscle
47. Wealthy
48. Unit of sound intensity
52. Overact
55. Of the greatest importance

56. Animal foot
59. A great distance
61. Aerial
62. Field game
63. Identification parade
65. Heavy sea wave
67. Mendicant preacher
68. Acquire knowledge
69. Turn a profit
70. Move rapidly and lightly
- That place
- Pointer
- Slant
- Snakelike fish
- Beverage
- Poster
- Employees organization
- Taut
- Slender
- Bird shelter
- Raffish
- Musteline mammal
- Jab
- Liveliness and energy
- Australian flightless bird
- Afflict
- Divisions of an ocean
- Health springs
- Baby powder
- Arab leader
- Fencing sword
- Relating to the kidneys
- Female
- Praise enthusiastically
- Animal hunted for food
- Fiend
- Tear or be torn violently
- Impetuous
- Choker
- Small gull
- Statistical average
- Share of the profits
- Frozen water
- Garbage can
- First or second part in football
- Aflame
- Craze
- Frozen region
- Alarm
- Deteriorated appearance
- through use
- Bring up
- Humble request
- Large vase
- Of long duration



**Kunsultants Kurner**

Howdy Teckers! Have you ever read the Teck and thought "wow we should have an Ask-Amy-esque column where I can send in my deepest darkest questions and get them answered by a stranger?" Well now your dreams have come true! Just send questions into [CaltechKunsultants@gmail.com](mailto:CaltechKunsultants@gmail.com) and we will solve all your life's problems!

**Q:** Hi Kunsultants. I have recently been feeling a romantic attachment to someone, however our love is forbidden. Let's call him Robert. Robert is amazing; he makes me so happy. Whenever I look at him my heart sets afire. But our long distance is troubling. I can only see him through my screen. Furthermore, I am worried about him getting killed off in the next episode. What should I do?

-Brokenhearted in Booty House

**A:** Write yourself some self-insert fanfic. Now Robert is yours forever. If you can, find a mystical English major to beta read it for you.

**Caltech Kunsultants**

**Q:** Howdy Kunsultants. My roommate keeps me up at night. He always is doing occult rites and ritualistic sacrifices at moonrise. How can I politely tell him that I don't like waking up to the smell of goat's blood, since I'm a vegan and do crossfit.

-Vegan in Voodoo House

**A:** Woowie. That's a hard one. Have you asked him to switch to using almond blood and artichoke hearts instead? We believe that compromise is an essential part of roommateship. If that doesn't seem to work, make use of your RA's or other house resources like throwing all this belongings out the window.

**Answers to Puzzles and Crossword:**  
<https://goo.gl/PHvVBf>

We are always accepting submissions for comics, and will pay you.

**The California Tech**

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**Letters from the Editors-in-Chief**

Milan Roberson: I want to clarify a statement I made in my team's candidacy statement. I wrote that we would forego our salaries as TAs, waiters, and tech editors if elected; I have since looked at a dictionary and realized that the phrase I had meant to use was "contribute portions of."

Sophie Piao: Does anyone want to add me on Fire

Emblem Heroes? My ID is 3248918489. I'll probably only add you back if you're Arena Tier 15 or above, though.

Daniel Xu: Hey everyone! I'm pretty much going to be the one curating the puzzle section for the Tech so let me know what you would like to see. Also, don't forget to like and subscribe!

Amrita Rhoads: f

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