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PASADENA, CALIFORNIA

TECH@CALTECH.EDU

MARCH 5, 2019

The California Tech

Candidacy Statements for ASCIT Positions

Interhouse Committee Chair (3 Candidates)

Sarah Crucilla
IHC Chair Candidate

For the past year, I've had the pleasure of serving as Interhouse Committee Chair. While in the position, I learned how to balance the breadth of student opinion, pushed for necessary changes like a more clear and fair alcohol policy, worked to make both frosh and Houses feel comfortable with



Rotation through the Cases of Concern Committee, and learned how to most effectively work with administrators. Next year, I would like to continue serving the campus in this capacity for three reasons: the houses, the student body, and the position.

I have found a true home through the House system. Its tight-knit communities and variety of different cultures makes Caltech a very unique and special place. I know that there are plenty of things we should fight to preserve. However, I know the Houses are not for everyone and there's more that can be done to make the system better. As Chair, I want to make sure the IHC is focused on evaluating our current Housing system independent from the ACRL, working together to make valuable interhouse connections, and working with various groups of administrators and others to enhance life in the Houses and other residences.

Two of the largest issues our campus will continue to face in the coming year are the new four-year residency requirement and the board program. In my opinion, a four-year residency requirement applied to the current frosh class is unfair; many students did not know about the possibility of the requirement until after they committed. For those frosh trying to live off campus this year, the exemption process is not clear. As

Chair, I would work with relevant administrators to clarify the reasonings behind the process. If it is relevant, I would push for an opt-out process that takes into consideration important factors such as cost of living, cost of board, and other important factors; I want to make sure people can live where they want to live. As for board, I know there have been many issues with the cost and quality. Though CDS has been working hard to make the quality of food higher, especially through the new Red Door, food quality at house dinners tends to be lacking. People with dietary restrictions continue to have problems. I think it is important to continue working with dining as well as other administrators in pushing for large-scale changes in board that reduce cost for students while ensuring better options for those with dietary restrictions.

There are also a ton of other issues I would have the IHC focus on. As most people reading my statement probably know, students and security sometimes do not have the best relationship. This past year, I've pushed for the IHC to begin to work directly with security. The aim is to learn the reasonings behind their actions, make sure students understand the policies and procedures security follows, and make sure security is treating students fairly. As Chair, I would make sure this process is continued to try and prevent further problems. I also want to have Houses take advantage of the new Title IX Community Educator, Allie McIntosh, and bring important prevention programming into the Houses. I want to continue to work with Felicia Hunt to make Orange Watch a more viable program by clarifying its role at parties, making the training more applicable to situations we face at interhouses, and making sure those on Orange Watch are acknowledged for their role. I want to make sure that the alcohol policy is not unnecessarily restrictive as well as safe by pushing for the allowance of drinks in public areas for those over 21.

This is also the first year of Bechtel. I want to make sure that those living in Bechtel, especially frosh, have their voices heard on what they like and do not like about living in the new building. I would like to hold focus groups with Bechtel students to make sure that their needs are represented

in residential life. I also want to make sure that Bechtel is used effectively; I want to go back to the COUCH report with the student body recommendation for the room allocation of Bechtel and make sure that we are offering the best experience we can.

Importantly, though, I want to continue to work with the rest of the IHC to hear their ideas and push for the things they think are important as well. The committee is more than just its Chair.

Next, Rotation. Rotation is one of the first introductions students have to the Caltech community, so it is super important the IHC does what it can to make sure it runs smoothly. The Chair, as I know very well, must be able to understand the intricacies of the process and be able to make tough decisions. As a member of the Case of Concern Committee over the past year, I have worked hard to make sure Rotation was a process both upperclassmen and frosh felt comfortable going through. I promise to continue to show care and kindness to anyone who reaches out to me during Rotation. I promise to make sure that I do what I can to tailor the Rotation process to frosh to make sure it works with their schedules.

As for Rotation's structure, I pledge on both the ACRL (if the IHC Chair continues to sit on the committee in the future) and the IHC to make data-driven decisions. Over this year, the IHC evaluated the effectiveness of each Rotation event and determined desserts were the least effective. As Chair, I would push towards having conversations on the IHC about restructuring desserts. I think that the new algorithm does a fairly good job at ensuring frosh end up in one of their top places. However, I think it is also important to ensure houses can have input on their frosh to make sure that frosh feel comfortable and welcome in the community. Additionally, as the occupation data from Rotation last year shows, I would push for more spaces reserved for frosh in the houses. Finally, many people were confused on the Rotation process this year due to all of the new changes. As Chair in the coming year and someone who has gone through the experience of this new Rotation system, I pledge to help write up a clear summary of the process.

Beyond the house system, the IHC Chair also has the obligation to represent the entire student body as an officer on ASCIT. As someone who has sat on ASCIT for

two years in two different positions (IHC Chair and Treasurer), I have the breadth of experience needed to fill this role. I pledge to work to help push for a budget that is more useful for students. Over the past year, I voted to allocate 500 more per each House's interhouses. As ASCIT treasurer two years ago, I voted to give more Ditch Day funding to all of the seniors stacking. As an ASCIT officer next year, I want to continue the current ASCIT's push to make orientation better for prefrosh, help the DiOps redo the ASCIT screening room, and overall make sure students' voices are heard on campus.

Overall, I know that the position of IHC is at least a 9, sometimes a 12, sometimes a 24 unit course. I know it gets more stressful during Rotation. I know that administrators do not always take into account everything students say. I know houses do not always get along. I know the IHC accomplished a lot this year, but there's more to be done. I have loved serving on the IHC over the past year. I would be honored to do it again.

If you have any questions, feel free to message me on Facebook or email scrucill@caltech.edu

the unique challenges Caltech undergrads pose without us. My approach to student government is simple and pragmatic- keep doing what we do best and self-governing where we can, while advocating thoughtfully to administrators and proactively making changes as needed. I've outlined broad policy goals in bold.

Keep the IHC transparent to ensure the IHC works for students

I could bet the IHC spends more than half our time behind closed doors. Sometimes topics for public meetings get discussed at private meetings out of convenience. Someone once asked me why we have weekly private meetings at all. I wonder the same sometimes, but I understand the need for discretion. First, the IHC will always need privacy in dealing with concerns that affect individuals, notably during rotation. However, year-round, our work with administration also pushes us to need to withhold some information to allow for us to work with them, but this can sometimes diminish our ability to serve students well.

Still, one of my greatest aims on the IHC, which I expressed right from my interview for secretary, has been transparency. It's not just a buzzword for me, it's at the core of what student government does. I suggested to the IHC we resume the tradition of holding public meetings in house dining halls with the aim of making the IHC more familiar and welcoming. This term alone there have been at least a dozen student guests to public IHC meetings, who have spoken to us on issues ranging from interhouse construction to the alcohol policy. As secretary, providing detailed minutes to the community is one of my most important

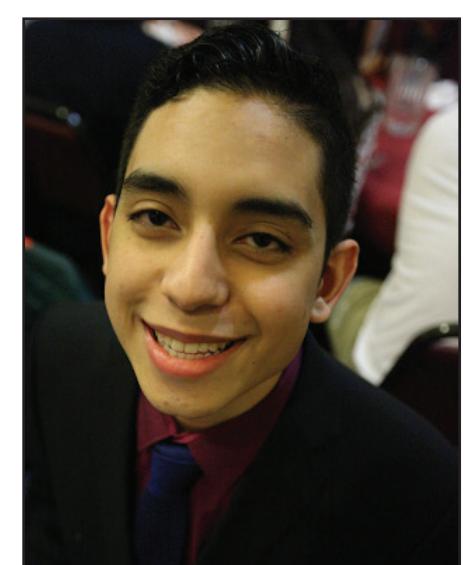
Marcus Domiguez-Kuhne
IHC Chair Candidate

Apparently, I'm running for IHC Chair.

Alejandro Lopez
IHC Chair Candidate

Hello Caltech!

I'm Alejandro, a junior ChemE in Ricketts, and for the past year I have had the privilege and challenge of serving as IHC secretary, and because I believe strongly in all that makes Caltech unique, most notably the honour code and self-governance, I am ready to serve as IHC Chair. But Caltech's uniqueness can also make it frustrating; Caltech can send Curiosity to Mars but has struggled to provide decent wi-fi or more importantly, a board system that adequately addresses the needs of all students. Moreover, I understand the great frustration both students and administrators have felt in dealing with each other; my time at Caltech has been marked by underlying tension between students and "admin". Every time a party or Ricketts Open Mic Night



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THE CALIFORNIA TECH

Interhouse Committee Chair (3)

functions, and I have taken it very seriously. Furthermore, a lack of transparency in dealing with administrators is detrimental to all students; as one example, while we have made important strides on alcohol policy enforcement (notably, security and RAs were retrained at the beginning of the school year), the role of RA rounds now has not been effectively communicated, and has led to increased tension between students and RAs—an important mental health resource. As another example, both admin and the IHC were vaguely aware before Page Interhouse that changes would occur to construction, but this was not effectively communicated to Blacker or Ruddock well ahead of time. As chair, I would strive to keep as much meeting time public as possible and provide as much information as possible in reports to the ASCIT BoD.

Help Bridge ASCIT and the IHC, while making ASCIT more effective

The IHC chair's other title is "ASCIT VP of non-academic affairs". There's a pretty clear role here to help bridge two of Caltech's most important organizations. The greatest issue I see is that while ASCIT controls a huge budget, the IHC more effectively represents students from all houses. Student government at Caltech involves over 200 students and the ASCIT BoD is tasked with effectively managing their needs. Still, as one example, while he budget this year caused political controversy over donuts, the Board neglected to provide \$200 to the BOC as it usually does. As for funding social events, my main goal would be for the established Executive social committee to provide more input on how social event funding is distributed, since it would give all the Houses and Bechtel a clear voice.

Be proactive on rotation to preserve the IHC's role. Work in parallel to the ACRL to help streamline decision making.

The 2018 decision on residential life was one of the most confidence shaking events for students in recent times at Caltech. What I took most issue with was the way student self-governance was swiftly undermined, although I agreed that rotation needed some changes eventually. I've since learned that issues with rotation have been raised by faculty, and more importantly by students for decades. The same issues, over and over. It's clear we need to be proactive. But since the decision, student government has been under so much pressure that our focus has drifted away from dealing with the student side of rotation. What we need is a change in mentality. If we're going to improve rotation, we need to have the room to make improvements to rotation ourselves. As IHC chair I would work with ACRL chair Antonio Rangel to effectively divide the task of improving residential life between the ACRL and the IHC—the ACRL was given a huge list of tasks to accomplish in months last year and never got around to some of them. As for selecting student reps to the ACRL I would advocate for the ACRL to be treated the same way as any other faculty committee—open sign-ups and interviews, rather than just appointing students already in student government to serve on the ACRL.

Caltech student government plays a major role in all our lives and I would like to continue to provide my expertise and skills to its continuous improvement. If you have any questions feel free to contact me at allopez@caltech.edu.

Conduct Review Committee Co-Chair (2 Candidates)

Harel Dor

CRC Co-Chair Candidate

Hey all. It's been my great honor to serve the Caltech community as your student CRC Co-chair this past year, and as a member of the CRC since my frosh year. I'd like to thank the campus at large for putting their trust in me to fill this role. Since, to the best of my current knowledge, I am not being seriously contested in this election, I'd like to use this rare opportunity to address all of campus in order to provide what updates I am able to on an often overlooked and misunderstood role.

As the CRC's published statistics show, last year saw an uncharacteristically low number of CRC cases leading to convictions/upheld decisions (read: we didn't recommend much disciplinary action). This is because the vast majority of cases seen by the CRC recently have been resolved before reaching full hearings, and thus resulted in at most a warning. I consider this a success, since it means we saw no serious violations and did not act unnecessarily harsh.

This isn't to say that it's been a flawless year. Some respondents have come to me with concerns that our process caused them unnecessary stress and anxiety due to the sparseness of our communications with them. It's certainly not the CRC's goal to burden our already overworked and stressed out campus community. That's why I'm currently in the process of overhauling our communication protocols to improve transparency and clarity, so that respondents will always know where in our process their case is, what the next steps are,

and how long before they can expect to hear from us again. I've also been working with ASCIT leadership and the BoC to develop a plan for how to best update our procedures for membership selection to account for the fact that a significant proportion of our campus population lives in the new Bechtel residence. This likely means more reps, though, either elected by the campus at large or appointed by the student co-chair. We're still in the earliest stages of figuring things out.

I hope the coming year is similarly quiet, and that we continue to improve on how we serve our campus community in upholding the Honor Code. As always, if you have any concerns to voice, or you just want to chat about the CRC, the Honor Code, or good recipes for crepe cakes, you can always email me at hdor@caltech.edu and I'd be happy to chat. I hope the rest of term goes smoothly for everyone and that finals are merciful. Stay loving, stay weird.

Marcus Dominguez-Kuhne
CRC Co-Chair Candidate

I will CRC you if you don't vote for me.

Tech Editor (3 candidates)

Nezir Alic
Tech Editor Candidate

action to lift the Tech out of its gloomy condition. I will commit myself to improving its journalistic standards, increasing the interest and readership that has fallen so low, and perhaps most importantly, ensuring that student voices continue to be heard.



Marcus Dominguez-Kuhne
Tech Editor Candidate

Revcomm Note: this statement is published exactly as it was submitted.

yep i'm running for this, cz y not

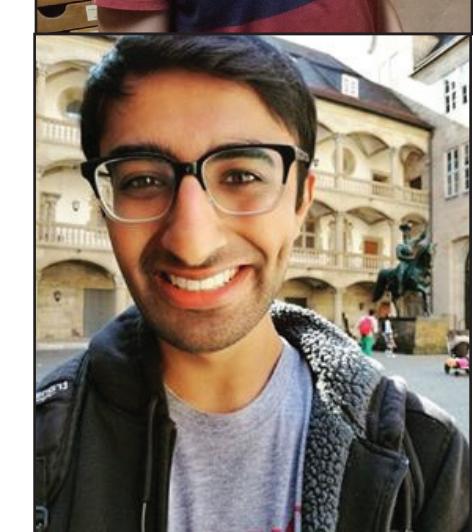
Albert Nazeeri and Umesh Padia
Tech Editor Candidates

Over the past year the quality of The Tech has visibly decreased. What used to be a daily newspaper filled with dozens of student written articles has degenerated into a free publishing service for Caltech's Office of Strategic Communications. A strong, independent newspaper is critical to the success of student government here at tech. If elected as Tech editors, our goal would be to strengthen the platform so that The Tech can be used by the student body to hold our elected representatives, faculty and administrators accountable to the Honor code.

Our vision for a new Tech is an eight-page newspaper with at least 2000 words of non-sports original content. Besides the regular opinion piece or student trip column, we want to include diligent investigative reporting on the things that affect student life such as Student Affairs and ASCIT. At Caltech there are many actions by individuals and committees that deserve closer scrutiny; with the platform afforded by The Tech we can spark public debate and allow the student body to exert its oversight responsibility. Finally, we want The Tech to be something interesting that the student body can look forward to every week. For the number of interesting characters on this campus, our student newspaper is surprisingly bland: simply by interviewing professors we could increase The Tech's quality several fold.

Our vision for a new Tech is too ambitious to do alone. We need skilled photographers,

dedicated beat reporters and columnists with quirky viewpoints. In order to revamp The Tech, we plan on offering well paid (~15 dollars per hour) permanent positions. By properly compensating the contributions to The Tech we can ensure that the Caltech community is provided with a high-quality student newspaper.



ASCIT Minutes

Meetings are every week in SAC 13

ASCIT Board of Directors Meeting

Minutes for 3 March 2019. Taken by Rachel Sun.

Officers Present: Sakthi Vetrivel, Erika Salzman, Sarah Crucilla, Varun Shanker, Irene Chang, David Berger Maneiro, Rachel Sun

Guests: Alejandro Lopez

Call to Order: 8:07 PM

President's Report (Sakthi):

- Sakthi and Varun met with Joe Shepherd (see Varun's section for details).
- Meeting with Joe Shepherd to talk about student representatives for the ACRL.
- Met with Erika and Harel (ARC and CrC chairs). Changes to the bylaws will be proposed to include Bechtel representatives.
- Midnight Donuts happened this Friday.

Officer's Reports:

V.P. of Academic Affairs (Erika):

- Student Faculty lunch happened on Thursday 2/28
- SFC is happening on Friday. The morning session is about the honor code and option advising, and the afternoon is option-specific sessions.
- The honor code survey got a lot of responses from both students and faculty.

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

- Met with Felicia on Tuesday and gave feedback on the past Orange Watch training. There is an Orange Watch training tomorrow 3/4. Also talked about the alcohol policy.
- Will continue to discuss security's role in the houses.
- Planning on talking about room picks with Joe Shepherd and Joe Bennethum.
- Will meet with Felicia on Tuesday to talk about Rotation Rubric, Rotation Rules, 4 Year Residency, and the pet policy.

Director of Operations (Varun):

- Sakthi and Varun met with Joe Shepherd and Kipling (current Tech advisor).
- Kipling came up with a journalism class for 3rd term (with an opportunity for students to earn humanities credit) and a 1st term boot camp. The proposed plan increases advisor engagement with the Tech editors
- Would like to make a mission statement for the Tech and more guidelines to protect the editors and provide more structure to help the editors.

Treasurer (Irene):

- Nothing to report.

Social Director (David):

- Movie Night was moved to Wednesday 3/13.
- Went to the social chairs roundtable meeting with Felicia and discussed basic how-to stuff regarding event registration and event planning/safety.
- Will start up a regular bi-weekly meeting time with the ESC

Secretary (Rachel):

- Nothing to report.

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: 9:01 PM

ARC Minutes

Meetings are every week in SAC 13

Minutes for 4 March 2019.

Present: Erika Salzman, Arushi Gupta, Daniel Neamati, Michael Yao, Maggie Lee, Sophie Howell, Olivia Grabowsky, Schuyler Dick, Nathan Suri, Alice Jin, Shubh Aggarwal

Guests: Alejandro Lopez

Call to Order: 8:07 PM

1. SFC on March 8!

This Friday!

Happening all day – morning session will have discussions on honor code and option advising

Having students in the audience shows professors that we are serious about these topics; having high student attendance is important

Starts at 10 AM in Ramo Auditorium

Option committee meetings happening in the afternoon – some committees are happening on different days, due to conflicts

Detailed schedule is available on the ARC website!

Got 681 student responses and 122 faculty responses to the honor code surveys!

2. Recap: SFL

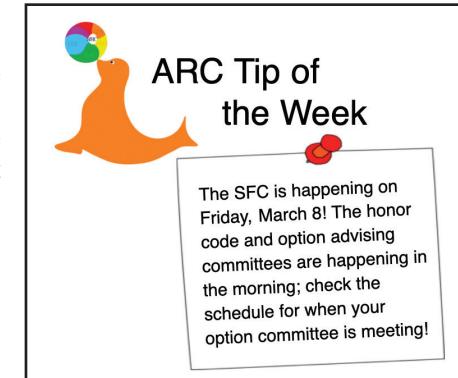
Pretty good turnout; more cancellations than usual but there were several people with each of the 6 professors

3. Programs: Course capture, Research page, Course compliments

Will send out course capture sign-ups soon

Research page – divided up questions so people can work on them

Course compliments – will continue giving awards as soon as a few funding/reimbursement issues are worked out



| MORNING SESSION (Ramo Auditorium) | | |
|--|--|----------------------|
| 9:45 am | Doors open | |
| 10:00 am | Opening remarks from President Rosenbaum | |
| 10:15 am | Academic Honor Code Presentation and Q&A | |
| 11:00 am | Option Advising Presentation and Q&A | |
| 11:45 am | Conclusion of morning session | |
| AFTERNOON SESSION (meetings on 3/8 unless otherwise noted) | | |
| ACM | 1-2 pm | ANB 213 |
| Astrophysics | TBD | TBD |
| BioE | 2-3 pm | Broad 200 |
| Biology | 4-5 pm | Broad 200 |
| BEM | (3/13) 3-4 pm | Baxter (TBD) |
| ChemE | (3/14) 1-2 pm | SPL 106 |
| Chemistry | (3/4) 4-5 pm | Noyes 153 |
| CS | 12-1 pm | ANB (TBD) |
| CNS | 1-2 pm | BBB B101 |
| EE | 3-4 pm | TBD |
| GPS | 3-4 pm | Arms 151 |
| IDS | 4-5 pm | ANB (TBD) |
| Matsci | TBD | TBD |
| Math | 12-1 pm | Linde 310 |
| MechE | (3/7) 4-5:30 pm | Gates-Thomas 135 |
| Physics | (3/1) 1-2:30 pm | Bridge 201 |
| Humanities | 1-2:30 pm | Dabney Treasure Room |
| Social Sciences | TBD | TBD |



FEBRUARY 6
GET MOVING WITH
BEHAVIORAL ACTIVATION

FEBRUARY 20
GETTING UNSTUCK FROM
EMOTIONAL RUTS

MARCH 6
MINDFULNESS AND
EMDR FOR SELF-CARE

FEBRUARY 13
EMOTION REGULATION
STRATEGIES

FEBRUARY 27
HEALTHY SEXUAL
RELATIONSHIPS

MARCH 13TH
MANAGING YOUR
FAMILY'S EXPECTATIONS

LUNCH PROVIDED
EVERY LIBRARY @12PM

SPONSORED BY COUNSELING SERVICES

MARCH 20

WELCOMING THE DIFFERENT
PARTS OF YOUR PERSONALITY

wellness.caltech.edu

Board of Control Chair (1)

Allison Wang
BoC Chair Candidate

For me, the Honor Code is what makes Caltech special. As students, upholding the Honor Code grants us certain privileges. Perhaps the most obvious is our ability to take almost all our exams on our own, in any location, at any time of the day or night. The Honor Code gives us many more benefits than just the convenience of take-home exams, however: it allows us to rely on our peers to collaborate fairly and to treat our time at Caltech as a true learning experience rather than a cutthroat competition. The Honor Code is woven into the fabric of our community and creates the culture of trust that I think defines Caltech. As a result, I believe that the responsibility of preserving the Honor Code is one of the most important we have as Caltech students.

The Board of Control exists to deal with academic Honor Code violations, but in a more general sense, it protects both the Honor Code and our community by ensuring that we can trust each other to work within the bounds of the Honor Code. My respect for the BoC and the Honor Code has only grown since I became a BoC rep two years ago. The BoC plays an integral role at Caltech, and without it, the Caltech community as we know it would not exist. As such, I want the BoC to continue to work effectively. Since I have experience acting not only as a BoC rep but also as a secretary or chair for some cases, I am capable of helping make that happen if elected.

Please feel free to email me (aywang@caltech.edu) if you have any questions!

Off-Campus Conduct Review Committee Representative (1)

Marcus Dominguez-Kuhne
Off-campus CRC Rep Candidate

I'll CRC you so hard off campus, you'll be off-off campus.

Off-Campus Board of Control Representative (1)

Marcus Dominguez-Kuhne
Off-campus BoC Rep Candidate

Vote for me or I'll BoC you for going off campus.

Board of Control Secretary (3 candidates)

Cole Brabec
BoC Secretary Candidate

Revcomm note: this statement was submitted late.

To me, the honor code is one of the most amazing things about Caltech. It protects the ability of students to work in an environment in which they are more comfortable and at times which are most convenient. The honor code allows students to collaborate without professors having to worry about over collaboration. However, to maintain these privileges, it is necessary to protect the Caltech community from honor code violations. I have served on the Board of the Control over the last year, helping in this goal. What I love most about the BoC is the way it approaches its protection decisions. Instead of penalizing students, it seeks to connect them with the resources they need to avoid violating the honor code in the future. I want to help lead the BoC to both protect the Caltech community and give assistance to those students who need it.

As secretary, I will ensure information about the BoC is widely available so that students are comfortable asking questions and sharing concerns with representatives of the BoC. Additionally, through serving as secretary for cases, I have gained the practical skills I need to serve as BoC secretary. Most importantly, I will devote myself to protecting the honor code so that it remains an essential part of the Caltech experience.

Nicholas Currault
BoC Secretary Candidate

The Honor Code is one of the best things about Caltech. Not only does it allow us to enjoy privileges like take-home exams and a collaborative approach to learning, but it creates a general atmosphere of respect and trust among students and faculty. Ultimately, it is the dedication and thoughtful participation of students through things like the Board of Control that allow this system to continue.

I have ample experience on the BoC, having seen a variety of cases this past year as both a representative and as acting secretary, and I would like to continue this involvement next year as secretary. The BoC secretaries are responsible not only for taking notes in cases and writing reports that detail the Board's decisions and reasoning, but also for acting as an interface among the defendants, the Board, administration, and faculty. I think my experience thus far on the BoC equips me to handle these responsibilities.

Next year will be a time of change for the BoC. I have been involved in the recent discussions of potential changes on the Academic Honor Code SFC committee, whose ideas will be outlined beginning at the SFC later this week. I hope to be actively involved in implementing these necessary changes as secretary.

If you have any questions about me or the BoC, feel free to email me at ncurrault@caltech.edu, message me, or find me in person!

Marcus Dominguez-Kuhne
BoC Secretary Candidate

I'll BoC you so hard while secretarying even harder.

2019 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 to these prizes:

Hallett Smith Prize

Awarded to an outstanding essay related to the work of Shakespeare. Prize amount: \$500.00

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

McClure Memorial Communications Prize

Awarded to the best academic writing in three categories: English, history and philosophy. No length limit. Please include prompts for all essays composed in courses. Essays written for courses may be revised before submission. Prize amount: \$500.00/each category

Copies of last year's prizewinning writings are stored in CaltechTHESIS and you may view them by visiting this writing center webpage: <http://writing.caltech.edu/community/prizes>

Submission Guidelines: Deadline: April 5, 2019

Only currently enrolled full-time undergraduate students may submit. Entries should be double-spaced PDFs. Students can only submit one paper per category. Winners are announced in June and their names will be in the commencement program. Winners' writings will be archived using CODA through the Caltech Library. Email entries to Cecilia Lu at cecilia@caltech.edu, noting the prize to which you are applying in the email subject and filename.

SPORTS

THE CALIFORNIA TECH

MARCH 5, 2019

5

Experience, Dynamics Give Women's Polo Identity in 2019

GOCALTECH.COM

Actual Sports Content Editor

PASADENA (Feb. 26, 2019) – The Caltech women's water polo team is looking to turn heads in 2019 thanks to its senior leadership and team cohesion. The Beavers lost just one player to graduation last year and looking to build on a season where they showed progress in the pool and came within a few goals of taking down Occidental College for the program's first SCIAC win.

"We have a great attitude and everybody gets along really well," Head Coach Jon Bonafede said. "That's not always a positive, however, as you also need people who are going to step up and call people out when they're not doing their job. With that said, I think that because of the messaging my coaching staff and I have conveyed to the team we are starting to see some leaders emerge and the buy-in is very encouraging."

Caltech's strength lies in its senior class. Senior Katie Johnston (Livermore, Calif. / Livermore) is Caltech's fourth-leading scorer of all-time and paced the Beavers in most statistical categories in 2018. She has also drawn more exclusions than any other player in program history and is one assist away from claiming the career assists record. Classmate Gemma Takahashi (San Jose, Calif. / Leland) will also return to the team following a successful swimming season. Takahashi's speed is her greatest asset and will be looking to once again lead the Beavers in steals and sprints. Senior Brittany Percin (Lake Tahoe, Calif. / Stanford Online) is another Beaver aiming to leave her mark on this year's team. Percin's per-game totals indicate that of a game-changing player, but the senior endured a limited 2018 due to her participation at the NCAA Swimming Championships. However, Percin made her presence felt in every game she played and will be ready to do whatever is needed, be it in the field or between the pipes. Senior Hana Keller (Sammamish, Wash. / Tesla STEM), meanwhile is one of the team's longest-tenured and most improved players. Keller's leadership abilities will also be called upon as she looks to have a successful last season in the pool.

"I think Brittany is going to come in fired up and ready to leave an impact in her final season, and I think Gemma, Katie and Hana all feel the same way," Bonafede said. "It's been great to see them mature over their time here and things have been great at practice. Everybody is stepping up in their own way and I think that will make us fun to watch in 2019."

Six new faces are joining the team this year with varying levels of competitive experience and athletic credentials. Freshmen Yuying Lin (Scarborough, Ontario / Victoria Park C.I.) and Sophie Devoe come to Caltech with extensive high school polo experience. Senior Michelle Zhao (San Diego, Calif. / Canyon Crest Academy), junior Sunny Cui (Vancouver, B.C. / Sir Winston

Churchill Secondary) are first-year water polo players but each bring athletic backgrounds and the coachability factor necessary for continued improvement. Freshman Zoe Rock (Chappaqua, N.Y. / Horace Greeley), a forward on the women's soccer team, will also contribute this year, providing the Beavers the benefit of a left-handed shot and Isabella Dula (Tuscaloosa, Ala. / Maggie L. Walker) will make her Caltech water polo debut coming off the recently concluded swimming & diving regular season.

Returning juniors Gabriella Chan (Colleyville, Texas / School for the Talented and Gifted), Samantha D'Costa (San Jose, Calif. / St. Francis), Mackenzie Wooten (Las Vegas, Nev. / Northwest Career and Technical Academy) (last year's third-leading goal scorer), and sophomore Olivia Durrett (Charlotte, N.C. / Phillips Academy Andover) should only add to a team that is eager to improve with the benefit of an extra year of experience.

"I have high hopes for all the newcomers," Bonafede said. "I also like what I've seen out of our developing returners. Gabby has the fast-twitch movement necessary to be a good water polo player and I think having a year under her belt has really helped with her timing. Likewise, Mackenzie is doing really well and looking like an experienced polo player after three years."

Caltech's goaltending situation is currently up in the air but Bonafede and his staff plan on using the superior athletic makeup of this year's squad to their advantage. Multiple players could have the opportunity to log saves this year and how each player gets deployed come opening night could make this year's team worth watching. Breaking into the SCIAC win column, might be one way to quantify a successful season, but it will not be the only determinant of success for the women's water polo team. The Beavers are eager to find out how far their unique team dynamic can take them as they strive to become more competitive in conference play.

"I think it's a really cool team dynamic," Bonafede said. "What we lack in experience we make up for in togetherness. We really get along. There aren't any cliques on our team and there's no ego with these women. Everyone wants to learn and I have an awesome opportunity now to mold that into a team that works together through the rules of water polo. The competitive drive is there but their favorite thing is learning how to better play the game."

Bonafede and the Beavers will open their season on Wednesday, Feb. 27 at home with last year's SCIAC runner-up California Lutheran University.

Men's Tennis Cracks Top 30 in National Rankings



That ball looks a little big for the racket.

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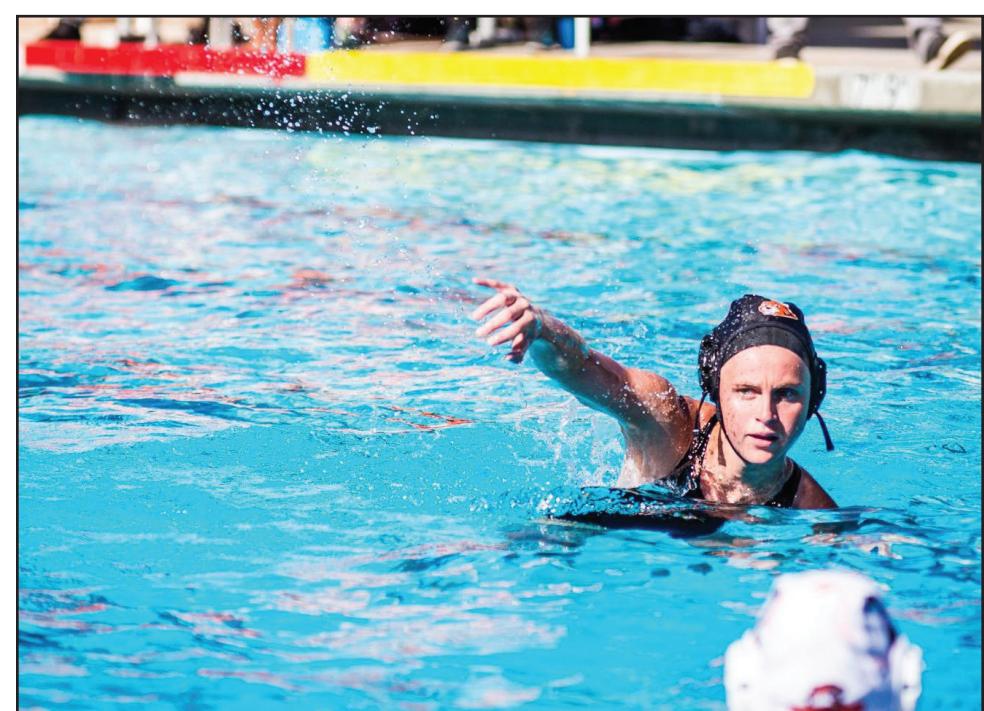
GOCALTECH.COM
Actual Sports Content Editor

PASADENA (Feb. 27, 2019) – The Caltech men's tennis team has moved up to 29th in the latest edition of the Intercollegiate Tennis Association Men's Division III National Rankings. Thursday's ranking marks the highest in the history of the men's tennis program.

Caltech came into the regular season ranked 32nd in the nation but improved its ranking thanks to a dominant ranked win to start the season and a highly contested battle between ranked teams just two days later. The Beavers beat

UC Santa Cruz (ranked 31st at the time), 9-0, on Feb. 16 with their most significant victory coming when sophomore Varun Shanker (Midland, Mich. / Midland Dow) defeated the top-ranked player in the region at first singles. Caltech also came one point away from taking down newly minted No. 10 Brandeis University, which could be a sign of things to come as the youthful, yet talented Beavers garner more experience in the month of March.

Head Coach Jason Cohen and the Beavers are set to return on Monday, Mar. 4 when they host unranked Rhodes College.



Applied waterbending.

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ANNOUNCEMENTS

THE CALIFORNIA TECH

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Seeking Successor for (Generation 2) Housetalia Comic

As most of you may know, four years ago, I started the Housetalia comic on social media/the internet. It starred eight walking Rota-tion violations and was primarily a funny House-based humor comic. It proved to be fairly popular over its run. Now that I have graduated, I can't continue; but the Houses belong at Caltech. *They don't belong with me.*

So... I'm considering passing on the Housetalia comic to an underclassman. I'd like someone who:

- Has at least one year left at Caltech
- Can draw competently
- Keep a consistent weekly update schedule during the school year
- Write all Houses/Residences fairly, and stay funny

If you are or know someone who is interested, contact me and I'll let them "apply". It'll probably consist of making a sample comic, and a short conversation learning about the series being inherited.

Contact Amulya Mohan at amohan@alumni.caltech.edu

Housetalia comic archive at:

<https://www.facebook.com/groups/housetalia/>

<https://web.archive.org/web/20180901232026/http://housetalia.caltech.edu/comics/79.html>



Mathdoku (KenKen®)

How to play Mathdoku (KenKen®):

1. Each box contains an integer from one to the number of boxes on a size. (4 for a 4x4 puzzle and 6 for a 6x6 puzzle)
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 from Caleb Sander. Thanks!

Only one poozle this week due to space constraints....

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|-----|-----|-----|----|------|--|
| 6× | 12× | 2÷ | | 600× | |
| | | 5+ | | | |
| 2÷ | | 40× | | | |
| 5 | 1- | 2÷ | 1- | | |
| 7+ | | | 7+ | | |
| 16+ | | | 5+ | | |

| | | | | | |
|-----|----|-----|----|-----|-----|
| 11+ | | 17+ | 9+ | | 11+ |
| | | | | 6+ | |
| 3÷ | | 48× | | | 11+ |
| 60× | 9+ | | | | |
| | | | | | |
| 1 | | 8+ | | 24× | |

Seeking Ushers for CaltechLive!

Do you have a passion for the arts? Are you a people person? If so, come play an important role in the CaltechLive! 2019 season. You'll make new friends, support the arts and see performances for free!

Seeking energetic, articulate people to provide excellent customer service for Caltech Public Events. Serve as a goodwill ambassador; ensuring audiences have a safe and enjoyable experience while attending performances and programs in Beckman and Ramo auditorium. Ushers must be able to stand on their feet for long periods of time, assist patrons to their seats, read and comprehend printed tickets and communicate respectfully and clearly. Assist with concession or souvenir sales as needed. Must be able to lift up to 25lbs. Ushers are scheduled on an event basis, typical shifts include nights and weekends. Prior theater experience is a plus.

To apply contact: Ed Brown at edbrown@caltech.edu

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supportive conversations

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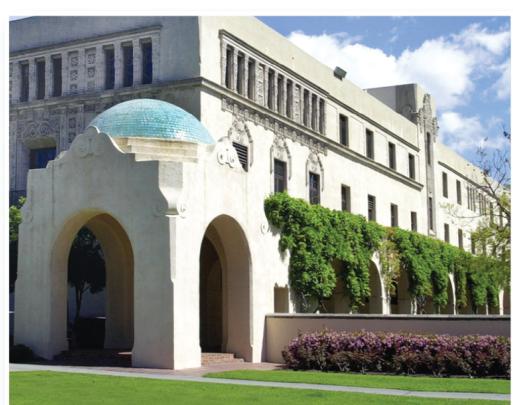
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