

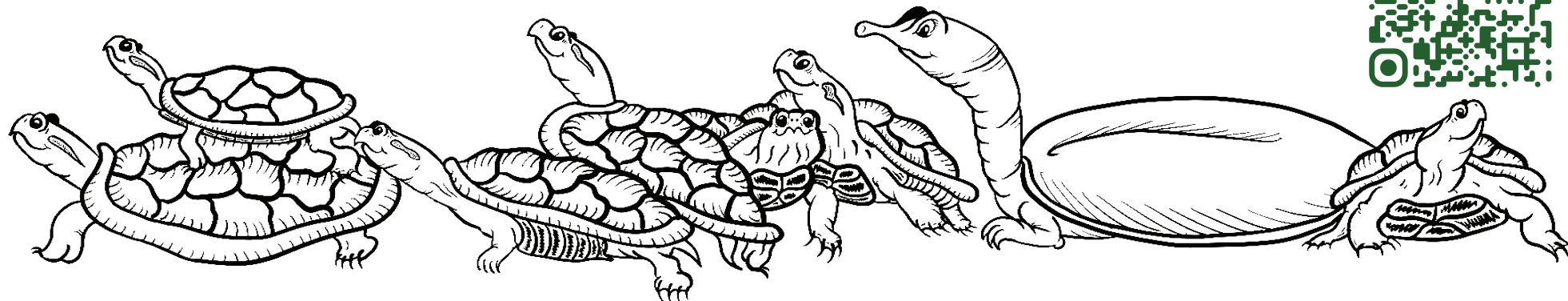
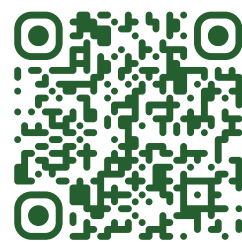
The California Tech

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PASADENA, CALIFORNIA

TUESDAY, OCTOBER 8, 2024

Make *The Turtle* Caltech's New Mascot! Sign the petition here:
or at tech.caltech.edu/turtle



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Why the Weight of Athletics Was Reduced for Undergraduate Admissions

Emily Yu
News

In an email to the Caltech community on September 5, 2024, Professors Kevin Gilmarin and Gil Refael announced two changes to the Institute's undergraduate admissions process—reinstating standardized testing and reducing the weight of athletics. These changes “re-affirm Caltech's commitment to academic merit and excellence, and are crucial to fulfilling the Institute's Mission: ‘to expand human knowledge and benefit society through research integrated with education.’”

Regarding athletics, the email stated that “the admissions process will reduce the weight that has been placed on athletics participation, and assign athletics participation and any other extracurricular activities a comparable weight.” The *Tech* learned more about this change in a conversation with Professor Omer Tamuz, faculty chair of the First-Year Admissions and Financial Aid Committee.

Over the last ten years, Caltech's sports teams have drastically improved. During this time, athletics became more involved in admissions and the teams became composed of considerably more recruited athletes. Professor Tamuz stated that this shift towards athletics happened slowly through changes made organically within the system, and the faculty were not really aware of it.

The bylaws of Caltech put the responsibility of admitting students on the faculty. Some faculty were involved in the shift towards athletics, such as the past chairs of the First-Year Admissions and Financial Aid Committee and of the Athletics & Physical Education Committee. However, much of the faculty felt like there was no discussion about this change of policy which resulted in the number of recruited athletes going from very few to over 1/4 of the student body.

There are many differing opinions among the faculty about reducing the weight of athletics in admissions. Professor Tamuz stated that the Faculty Board spent a lot of time discussing it last year. While

they did not reach a consensus at the end of the discussions, “a large majority came to the decision that admissions should not involve athletics.” He also said that the prevalent opinion among the faculty is that athletics is helpful for students to get through their studies here. Still, the mission of Caltech is clear: “I think athletics supports the Caltech mission of education because it helps the students, at least the athletes, have a better experience here, but I don't think that athletics in and of itself is part of the mission.”

An important sentiment to be made clear is that admissions was confident in all the student-athletes that have been admitted in the past few years. Professor Tamuz stated, “We're very happy with all the students that we admitted, but we're going to have a change of priorities in the future... I think we're going to shift some of the priorities of admissions away from athletic ability. Our student-athletes are very strong in their schoolwork and they have very strong applications, and we'll continue admitting them, based on their academic ability.”

Two things that were not included in the September 5 email are, first, that it was decided that Caltech will not drop out of Division III. However, it is unclear if the Institute might have to compromise on how many teams it maintains in the NCAA in the long run. Additionally, the change in the weight of athletics will be gradually implemented over the next four years.

Regarding the Institute's student-athletes, in an email to the *Tech*, Athletic Director Betsy Mitchell stated, “Our scholar athletes at Caltech are among the best scholars at the Institute and in the world. Their successes as a subset of the whole are indistinguishable from this entire amazing student body. They are equally prepared and bring tremendous talents and skills to our campus upon their matriculation. Caltech is unique among its academic peers and all American colleges and universities, in that we do not have athletic admissions where athletic ability outweighs (or even replaces) academic preparation. From my perspec-

tive, athletic participation is one component of a holistic admissions process, not the only one, as happens at other places. This aspect of a well rounded person is a welcome feature in our community, and shows up in more ways than just athletics. We are proud to seek the most highly qualified STEM students in our country, and the world, who want to have a balanced and educational athletic experience while studying here. The positive school spirit that emerges from the 25% of the student body who represent the Institute in competition is a joy to be associated with.”

For students who want to know more, there may be a town hall meeting later in the term with Professors Tamuz and Refael.

W. M. Keck Laboratories Closed Until Further Notice



Pasadena Fire Department enters the front door of the flooded building. Photo by Ethan Alderete

On Sunday, October 6th around 10:30pm, a fire was reported in the Keck Engineering Laboratories. The building was evacuated, fire extinguished, and no injuries reported. A burst sprinkler pipe caused flooding of all floors 2 and below, resulting in significant water damage. According to the Caltech Notification System, the building will remain closed until further notice.

—MICHAEL GUTIERREZ, THE CALIFORNIA TECH

Dean's Corner: Academic Year Welcome

Jennifer Jahner,
Dean of Undergraduate Studies

Dear Teachers,

Welcome to the beginning of a new academic year! I hope it brings discovery, friendship, joy, and the right kinds of challenges—the ones that help you grow into your talents and feel a sense of pride upon accomplishment. If, like me, your life has long been organized by the rhythms of a fall-to-spring academic calendar, the idea that the year truly “begins” in September likely seems natural. Fall brings for me a sense of nerves and anticipation, a knowledge that the pace of life picks up just as the days shorten. The academic calendar, of course, is just one of the many calendars that organize our sense of time and occasion. We share use of the Gregorian calendar at Caltech, the “standard” civil calendar based on the Earth's transit around the Sun. But many of us also observe other calendars as well: Chinese, Jewish, Indian, Islamic, and Persian calendars all base their year at least in part on lunar phases.

As this year begins, I have been thinking about what it means for us to share a “year” together. The timeframe is arbitrary and conventional, but

also unique to our community. It draws us together in a common project—research, teaching, and learning—and gives shape to our weeks: the compression of finals, the leisure of breaks. All of us come into this year with our personal “calendars” in place, too: the dates, holidays, and celebrations that make up our memories and connections to family, friends, and home. Sharing a campus together means sharing these different ways of measuring time. For those with family and friends impacted by Hurricane Helene, it may feel like the pace of life at Caltech is out of sync with the realities of digging out from a natural disaster. The anniversary of the October 7 attacks looms heavy for many of us on this campus, as we mourn the ongoing tragedy in the Middle East. And Election Day, November 5, reminds us that national politics doesn't wait for midterms to wrap up.

This academic year presents the Caltech community with no shortage of challenges, locally, nationally, and globally. But as I have met the new students (welcome, Class of 2028!) and reconnected with returning students, I have also been reminded of what makes Caltech undergrads truly special: your care and respect for each other remains deep and foundational. I encourage each of you to keep that sense of respect, com-

passion, and integrity close to hand as our shared year begins. Please do take part in President Rosenbaum's Dialogues Across Difference initiative. My office will also be reaching out with invitations to share perspectives and generate ideas for making Caltech an inclusive, welcoming place for all. If you feel inspired this year to help build stronger bridges across our campus community, the deans' office is ready to partner with you.

Hanging above my computer in my office in the Center for Student Services is a portrait of the renowned science fiction writer Octavia Butler. She grew up in Altadena, fell in love with books at the Pasadena Public Library, and left her remarkable archive in the care of The Huntington Library. Etched across the picture are the opening lines to her famous novel, *The Parable of the Sower*, which is set in a drought-weary Los Angeles in the year 2024. They read, “All that you touch you change. All that you change changes you.” I wish everyone a year of transformation and change—one that leaves our community stronger and more resilient for our efforts.

With best wishes for the year to come,

Jennifer Jahner
Dean of Undergraduate Studies
Professor of English

Caltech Faces Backlash for Outsourced Online Bootcamps; Community Reacts

Background

Damian Wilson
Michael Gutierrez
News

The Center for Technology and Management Education (CTME) is a relatively unknown subdivision of Caltech's Department of Engineering and Applied Sciences. According to their website, the purpose of the CTME is to "elevate individuals and organizations, fostering innovation and driving transformative growth." To this end, they claim to offer the "best programs and courses" through their "rewarding, practical, and economical approach to professional education." Most of these programs take the form of short, self-paced online classes or live Zoom lectures and are "powered" by Simplilearn, a private online learning and certification company.

Simplilearn.com boasts a wide variety of classes, trainings, and post-graduate programs "certified by" such other universities as Purdue, UMass Amherst, and UC San Diego. Bootcamps from CTME in AI & Machine Learning, DevOps, and Cybersecurity are among the most prominent. The course details for the AI & Machine Learning course promise "live classes delivered by industry experts," "hands-on labs," "industry-relevant projects," and "masterclasses by Caltech instructors." That page is covered with logos of major tech companies ("Hiring Companies") suggesting where course alumni can manage to find jobs. Listed for the course are not instructors, but "Program Advisors," neither of whom—while CTME employees—are Caltech faculty.

An online search for "Caltech online bootcamp" will direct you to [the CTME website](#), which promotes these programs as "immersive" and designed to help students "succeed in tech careers and beyond." However, no Caltech faculty are involved in teaching these courses. A reporter for the *Tech* who provided their contact information received aggressive follow-up communication from Simplilearn, encouraging them to schedule a call with a "learning consultant," for admission to the \$9,000 course was "clos[ing] in the next couple of days."

Many who paid for these courses were extremely dissatisfied with both their poor quality and lack of transparency about Caltech's involvement. In 2022, a class-action lawsuit was filed on behalf of class representative Elva Lopez against Caltech and Simplilearn for "unjust enrichment." A settlement is yet to be reached.

Heightening the CTME's profile, an article from the Sunday Edition of *The New York Times* covering this situation spread through the Caltech community like wildfire. In a response emailed to the Caltech community on September 29th, President Thomas Rosenbaum claimed the article "does not accurately reflect Caltech's standards," or "fully capture Caltech's relationship with Simplilearn." While highlight-

ing the "very strong track record" of CTME course experiences, the message also stated that Caltech is in the process of "evaluating" its online offerings and the Simplilearn partnership.

The *Tech* will publish further reporting and discussion on the Institute's actionable responses (if any) to these criticisms in the next issue. For the time being, we have collected responses from a diversity of community members.

Here's what they had to say about the allegations:

The New York Times

Students Paid Thousands for a Caltech Boot Camp. Caltech Didn't Teach It.

Hundreds of universities have lent their names to online programs, plugging budgets but alienating students who feel misled.

Left: Headline of New York Times article, published September 29, 2024

Jackie Lodman (BS '20, Dabney)

Where is the Faculty Oversight of the CTME?

Every member of the Caltech community is aware of the Honor Code. "No member of the Caltech community shall take unfair advantage of any other member of the Caltech community." However, recent revelations in the Sunday edition of the NYT from September 29th indicate that, if true, the Institute has broken the Honor Code by allowing the CTME/Simplilearn courses to exist in their current form, regardless of any legal culpability the Institute may be found liable for. After all, the Honor Code does not only cover legally actionable conduct.

Like many current and former members of the Caltech community, I received a text from a family member containing a link to the aforementioned NYT article. Embarrassingly, I heard from another alum that this story made the front page of the paper copy of the Sunday edition of the NYT. How utterly embarrassing for our community. Though, in retrospect, it could have been worse. CTME and SimpliLearn teamed up for a "blockchain" bootcamp in 2022 based on a screenshot posted in an alumni group. At least "cybersecurity" is a useful skill, in theory.

Based on the NYT article, the CTME has little to no contact with the rest of the Caltech community. The administration's message on September 29th claimed that it had been operating for "over a decade," so it operated throughout the entirety of my time at Caltech, yet I only discovered its existence two years ago during the previous controversy surrounding the blockchain bootcamp. The faculty members I have since spoken with learned of the CTME's existence from the NYT article. The administration's aforementioned message to the community also said that "[The NYT article] does not accurately reflect Caltech's standards or the steps we take to ensure our educational standards and high-quality expectations are met," but how are those "educational standards and high-quality expectations" being met without faculty oversight? If faculty members are overseeing the CTME, then surely they can refute the allegations.

I know how much most faculty members enjoy being on oversight committees (they don't), but offering the bootcamps without that oversight constitutes, in my opinion, taking advantage of members of the Caltech community. If faculty members were unaware of these bootcamps, then oversight should begin immediately as "[Caltech is] evaluating our CTME course offerings and the relationship with SimpliLearn." If these programs do not meet the Caltech standards or faculty are unwilling or unable to oversee them, they should not be offered. It's as simple as that. It is better for faculty oversight to prevent inadequate programs from being offered at all than waiting for the courts to hash it out in a public spectacle that embarrasses the community whether or not the plaintiffs succeed in proving legal liability.

I know this incident does not represent the Caltech community I feel honored to be a part of. When you put the Caltech name on something, it must represent the quality education we are known for. Otherwise, it has no meaning at all.

Joy Hughes (BS '88)

While colleges were bombarding me with glossy brochures, Caltech sent me a simple letter suggesting I might consider applying. The Institute's reputation was such that there was no need to do more, and great care was taken in the admissions process.

Many years later as I sought to update my skills I saw the CTME program by Simplilearn. I thought "wow, I could go back to Caltech." As soon as I inquired I sensed something was wrong. I was bombarded with calls from an "admissions counselor" who I suspected was calling from a call center abroad. I started getting frequent spam emails, offers of payment plans ... it was pretty clear they would take anyone who could cough up the cash.

This is demeaning to Caltech. It sullies and dilutes the reputation of a still-great Institute. It is not worthy of my alma mater. Whatever the actual quality of the program, Caltech should re-evaluate its relationship with a company that came across in a way that triggered my bullshit detector.

Lynn Feng (CS '26, Dabney/Blacker)

I tried to look for cool cybersecurity classes at Caltech that I can take, but when I googled it all I found was pages about their cybersecurity 'online program.' The Google search results being clogged is itself not more than a minor inconvenience; searching the course catalogs directly isn't that hard. But the fact that Caltech offers an online program for a field it barely covers in its actual coursework is indicative of the fact that these courses have little-to-no involvement with any actual Caltech faculty or research groups, and are essentially 'Caltech' in branding only. This is a little scummy even if the courses were genuinely high-quality, but with the issues I've heard about - unqualified instructors, disorganized classes - it's straight-up exploitative.

Jim Angel (BS '81, Dabney)

Many elite universities offer a variety of programs to the general public who otherwise would not be able to get in or afford them. Often these are taught by part-time adjuncts and not necessarily full time academic superstars. Harvard Extension is a prime example. The key is quality control. The New York Times article makes it sound like Tech dropped the ball on QC.

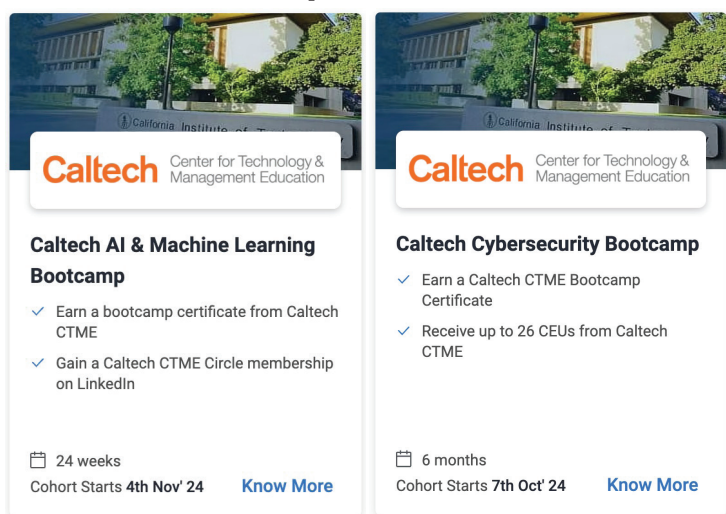
Mary Johnson (BS '76)

This is what happens when you treat Caltech like a brand, without knowing what the brand stands for. They've poisoned their own Tylenol.

John Dabiri (Centennial Professor of Aeronautics and Mechanical Engineering)

I really don't know much about the program outside of what I read in the article itself and President Rosenbaum's response. I also wasn't aware of CTME's affiliation with EAS. My general impression is that, if done well, online education could significantly expand Caltech's reach beyond the 2500 undergrad and grad students that we have the opportunity to serve on campus. At the same time, I'd like to believe that the Caltech educational experience is sufficiently distinct that it will require special care to deliver an online version that is representative of Caltech's rigor and personal attention. The issues described in the NYT article, even if they're outliers, might be good reason to have more direct faculty engagement in these offerings.

Below: screenshots from Simplilearn.com, accessed October 7, 2024.



Man vs. Mannion: Competitive Restaurant Reviewing

Want to be the next to take on the Mannion? Email tech@caltech.edu



Kenadi Waymire
hoosier

As an ordinary American from the Midwest, pizza to me has always been the go-to meal for when my parents didn't feel like cooking. I spent my childhood only ever enjoying the Neapolitan delights from Pizza Hut and Papa John's; to be honest, these are still the pies I prefer. Gastronomes with palettes much more refined than mine debate the merits of the various styles of pizza as if they were on opposing sides of a gruesome civil war; some espouse Chicago deep dish as "Mama's true creation" (okay, no they don't, I made this up), whereas New Yorkers defend their long, flat slices as the only good way to enjoy this particular combination of bread, cheese, and tomato sauce.

I do not understand this debate, nor do I really understand the true cultural intricacies of pizza. However, I do understand that pizza is pizza, and pizza is good, so when Tom invited me out to try Settebello Pizzeria Napoletana on Lake, I of course said yes. Arriving at the restaurant, my first impression was that the place had to be expensive. Settebello is decorated in a very hipster-like industrial manner with hints of modernism. Every wall is lined with exposed brick, and ductwork peeks through the open ceiling, which, in the year

2024, are signs that this place is meant for twenty-seven year old software engineers on a date night. In the center of the restaurant stands a bar with a large marble countertop, but I cannot speak to the quality of their drinks.

The booth we were seated at was notably comfortable for a restaurant, and the table was large enough to fit the large amount of food we would soon consume. At this point, I noticed that Settebello was a little loud—not outrageously so, but I wouldn't recommend trying to have any super intimate conversations here. The service was completely fine, although it took a little while to get our food ordered and water to come out.

The first dish served was called involtini, arugula and goat cheese wrapped in prosciutto with a balsamic glaze. The involtini was very herby, and while I enjoyed the freshness of the greens, especially with the balsamic glaze, I wish there had been a higher meat and cheese to arugula ratio. I'd call this food fine, but not something I'd order again. Next, I tried the focaccia, which had some herbs rubbed on it (or something like that). Honestly, the focaccia was just that: focaccia. It was completely unnoteworthy, just bread. Unfortunately, I fear that this sentiment towards Settebello's food continued with the large majority of what I ate; while the food here is not bad, it's also not anything to write home about. One dish that was quite good, however, was the arancini, fried risotto balls with mozzarella stuffed inside. The arancini was hearty and tasted very comforting, by far my favorite food I ate at Settebello. I followed up the arancini with the caprese, although I won't cast any judgment on this because I hate tomatoes and don't feel like my assessment would be fair. The last appetizer I tried was the polpette (meatballs). While the meatballs were cooked quite

nically and were incredibly juicy, they lacked seasoning, and I was disappointed with the all-too-sweet tomato sauce they were served with.

Of course, the pizza was the main attraction here at Settebello, so I made sure to give every pie a try. I first tasted the margherita pizza, and, to be honest, was a little disappointed. While this is a perfectly serviceable pizza, and I would eat this if served to me gladly, it, again, was just fine. The sauce was a little too sweet, and the dough was incredibly oily. In fact, with every pizza, the dough was far too slippery, and all of the toppings would just slide off as though they were children on a waterslide. Simply trying to take a piece of pizza was a Herculean task; the slices weren't cut very well and had no structural integrity whatsoever, so each piece I grabbed fell apart like gravel in my hands. After the margherita, I set my sights on the Settebello, which had crushed tomatoes, pancetta, sausage, mushrooms, pine nuts, mozzarella, basil, and olio. This was my favorite pizza, although the same issues with the dough still stood. I enjoyed the toppings on this pie, though again, I don't know if it's something I'd go out of my way to eat again. The last slice I tried was from the vico pizza, with sausage, roasted fennel, red onions, mascarpone, mozzarella, basil, and olio. I will say that I did not enjoy this pizza; I found the mascarpone overwhelmed the rest of the toppings in a negative way.

Overall, Settebello Pizzeria Napoletana was just okay. I didn't find anything to be notably awful, but with so many amazing Italian offerings in the LA area, I can't think of many reasons to choose to go here. Settebello has a nice atmosphere, and its price point is actually quite reasonable, but I would probably not dine here again, simply because there are better options available.

Tom Mannion
reigning champion

Searching for Naples at Settebello

Settebello Pizzeria Napoletana is located at 60 North Lake Avenue approximately 1 mile from Caltech. A few years back, I led a trip to celebrate the food of Naples and the Amalfi Coast for the Caltech Alumni Association. I chose this restaurant because I wanted to see if their food transported me back to some fantastic memories of Naples, as well as to see if this was a restaurant that students could escape to for a quick break from their academic rigors. As you will see below, the verdict was split.

Settebello has moved from its original location on Colorado; I did prefer the old location. The version on Colorado was more quiet - you could see the ingredients, like 00 flour from Italy. There was outside seating where you could at least pretend you were sitting on Via Partenope, eating Neopolitan pizza while looking at Castel dell'Ovo.

The new location is very much American. High ceilings, bright lights, very loud. The good news for the owners is that the place was packed. There was a counter with hanging lights over it in front of the food prep area. Unfortunately, not only was the counter too high to see any of the action, there was also clutter everywhere - piles of to go containers, boxes of straws, empty pizza boxes, paper napkins, etc. Could have been a great place for individuals or small groups to sit at the counter with a view of the action, but instead it takes away from the visual appeal of the restaurant.

Naples pizza is protected with a DOC (Denominazione di Origine Controllata or Controlled Destination Origin) by the Association Verace Pizza Napoletana (VPN). Settebello has been granted DOC designation. The tomatoes must be either San Marzano, or the tomatoes that grow on the slopes of Vesuvius. The cheese must be mozzarella di buffalo from Campagna (you can also find this in Roma deli on Lake Avenue). 00 flour and brewers yeast are other key components of this pizza whose making is included on the list of intangible cultural heritage produced by UNESCO. Note that only one pizza at Settebello appears to fit the DOC regulations - the Margarita DOC.

I ordered caprese salad, margherita doc pizza, pizza polpette, pizza settebello, arancini, involtini, and bruschetta.

First, the bruschetta. They ran out of crostini (small toasted bread that the bruschetta would go on) sometime before our 6:30pm order.

Caprese salad. The tomatoes were ice cold and had a greenish yellow core. Do not refrigerate under ripe tomatoes, they



will never ripen properly! The cheese was too cold as well. Hard to tell for sure if it was buffalo mozzarella, but I would wager that it was not. Not a version that would make the folks in Naples proud.

The polpette, or Naples style meatballs were decent with lots of pine nuts inside. The meatballs themselves were a little dry, but tomato sauce balanced that out.

The involtini (prosciutto wrapped arugula and goat cheese) was quite large. The prosciutto was nice but there was too much arugula and really no obvious goat cheese. The bitterness of the arugula and the olive oil really took over due to the size of the serving. Some goat cheese and lemon would have balanced this dish by adding some acidity to neutralize the bitterness.

Arancini, a Sicilian dish, is made by cooking risotto, filling a round ball of it with a traditional meat and pea ragu (there are many other variations), then breading and frying the ball. The version we had was seasoned with a great deal of saffron and had a molten mozzarella center. It was an enjoyable dish, but I would have toned down the saffron. For purists it ate more like the Roman fried rice ball - Suppli.

The pizza has possibilities, especially the Margarita DOC, and I would encourage you to try it, but we hit a bad night. Quite normal for a sort of wet center of San Marzano tomatoes to be in the pizza, but we had undercooked dough with a very wet pizza. The pizza was visually appealing with a good balance of buffalo mozzarella, sauce and basil. The outer crust did have the chewy, slightly gummy texture that is a positive trait of Neopolitan pizza. The Settebello pizza had way too many toppings for a Neopolitan pizza (although technically it wasn't a Neopolitan pizza), the crust was even wetter and the cheese did not quite melt. The Polpette pizza had the right amount of topping, but the cheese was nowhere near melted.

If you are looking for a fun dinner with decent food close to campus, Settebello is worth a visit. If you are looking for a true taste of Naples, keep looking.



Photo From Tripadvisor

Microwaves in Modern Society

Miles Stone
Humor

The Express Cook feature on modern microwaves is perfectly exemplary of all the problems with today's society. What happened to the days when a man could simply enter 15 or 45 seconds, saying nothing of more creative inputs, like 0:42 or 6:09? In our obsession for speed and optimization, we have stamped out the joy of microwaving. Is making "3:00" only one button press worth deleting every single other combination that could start with the number 3? Near infinite combinations have been silenced in the name of the soulless "perfect" number. Nearly every microwave has been infected with the "Express Cook" plight. In our quest for streamlined perfection, we have thrown away the finer joys in life. What is the point of optimization when it produces nothing but mediocrity, devoid of passion and soul?

I am not a hater of all innovation. I am not some conservative misonist who refuses any new technology simply because it is new. Quite the contrary, my love for the +30 second button is just as strong as my hate for the Express Cook feature. It, unlike Express Cook, does not delete "unnecessary" functions in the name of "progress". You are still free to express yourself as you please, as it is simply there to be an optional shortcut. I remember the days when +30 seconds was the peak of microwave innovation. An honest to goodness improvement, not just a new feature for the sake of having one. The Express Cook feature on the other hand, is exactly that. Sacrificing utility in the name of false "revolution". Despite having added "utility", the microwave is now more unusable than ever.

The dystopian nightmare that is the Express Cook feature does nothing but stamp out the art of inputting one's preferred time. Big Microwave has decided that inputting 0:51 is not

to be allowed. What's next, the microwave simply scans your food and decides the cook time for you? I see the merit of Express Cook being an optional feature. There is a very real argument to be made for accessibility and improving access for those who may need the simplification. But to have it thrust upon you in every single major kitchen is simply ridiculous. There is no reason humanity needs to be entirely removed from kitchens. Cooking is what ties us together as humans. Is culture and individuality in cooking really worth throwing away to save 2 button presses in 6 very limited circumstances? I think not. Hopefully Big Microwave realizes what they've lost and does not spiral further into the soulless void that is more "convenient" features like Express Cook. Before adding a "feature", they should ask themselves if they are sacrificing anything else, and if it's really worth losing in the name of efficiency.

A (Very) Warm Welcome to Caltech

Aaron Chan
News

Techers received an email from Housing Maintenance on August 13th at 3:06 pm. What was it this time? More items left out where they shouldn't be? Another facilities check? No, the email stated the air conditioning system in the South Houses was down due to a broken chilled waterline. This by nature was already grim. Just imagine - no air conditioning? In Southern California? during summer? The only thing that could've made the situation even worse was a heatwave, but unfortunately for Techers, they didn't have to imagine.

For 2024, September 3rd to September 10th was a week to remember. Southern California was struck by a brutal heatwave, and Caltech was not spared. Starting September 3rd, and for the next seven days, temperatures regularly rose to over 100°F (~37.8°C) during the late morning and afternoon hours. In the brunt of the heatwave, temperatures were over 110°F (~43.3°C) during peak hours. Nighttime offered no relief either, as the coldest temperatures throughout the night ranged roughly from 75°F to 80°F (about 23.9°C to 26.7°C).

Although many buildings had functioning air conditioning at the time, several buildings on the South half of campus did not. The Techers living in the South Houses sadly suffered the worst of it. The temperatures both inside and outside were virtually indistinguishable as neither setting was safe from the heat.

However, all was not lost. The Student Auxiliary Services (SAS) offered fans for checkout to anyone in need of air circulation. They mostly just blew around the already-hot air... but hey, it was something. Additionally, to take advantage of the unoccupied housing during summer, SAS offered to relocate anyone in a South House to a North House which still had functional air conditioning. Some took the offer, others didn't; either way the heatwave continued until September 10th, when temperatures finally started to drop into the mid-90s (~35°C), then into the 80s (~29.4°C).

It wasn't until September 13th (a Friday at that) that good news finally came. Although Housing hadn't sent an official email announcing the completed repairs of the air conditioning, they had announced that the South Houses have been reconnected to the

chilled water system as of the afternoon on September 13th, and it is noticeably cooler inside. The following day there were minor repairs to the system, but as of September 14th there have been no further updates regarding the air conditioning for the South Houses. Whether you were in a North or South House, or not on campus during the heatwave, it's good that these repairs were made just in time for everyone's arrival to campus as we head into Autumn, and the start of a new school year.

While the South Houses had their air conditioning repaired, a few other buildings on the south half of campus weren't so lucky, namely Bridge. The construction near Caltech Hall has resulted in a temporary cease of the air conditioning to Bridge Labs. There has been no official announcement regarding this issue, but it may not be necessary. Techers in Ph 1A had a (very) warm welcome to their first class in Bridge as over a hundred students had their first lecture of the year (with no AC). As of the time of writing, there is no announcement about when the AC for Bridge, and by extension the other affected buildings, will be turned back on.

We Are Not Immune to the Scourge of Leaky Sprinklers

Michael Gutierrez
Editorial

I don't know if I'm just (un)lucky, but it feels quite often that I come across a broken sprinkler head gushing concerning amounts of water onto the adjacent sidewalk. I saw two within 30 minutes of each other in different places on campus last week. Every time, I wonder how long it's gone unnoticed (or unaddressed).

Fortunately for my easily-pacified conscience, "doing something about it" is as simple as calling the Caltech Non-Emergency Security number (626-395-4701) and informing them that there's a leak at whatever location

you describe. (They'll also ask for your UID to verify you're Caltech-affiliated, so have your ID card ready if you haven't memorized those "wacky digits on the back.") They always tell me they'll send someone to check it out.

Since I'm usually in a liminal space and/or state when I find these leaks, I've never bothered to stick around to see if any security staff actually did show up.

This is neither a criticism, condemnation, crucifixion nor cancellation of anyone. I have negative time to do actual reporting on this phenomenon, let alone point any journalistically-backed fingers; I just hope this article will bring the issue to the right person's attention.

Frequent purveyors of the late-night campus aesthetic are well acquainted with the automatic sprinkler systems covering basically everything green. Sustainability-savvy readers will recall that all water used for irrigation is recycled from the chilled water air-conditioning systems utilized throughout campus. In this objective reporter's view, Caltech's overall resource consumption scheme is about as good as it can be, given the general unwillingness of the Institute to divert resources away from research toward sustainability measures. Those priorities are evident in Caltech's 2023 Sustainability Report, published at sustainability.caltech.edu in April 2024. (Shoutout to Max Christ-

Lamentation of A Sandwich

Victoria Davis
Editorial

There's a good sandwich, nay, a great sandwich at Broad Café. Quite honestly, this sandwich is glorious. This sandwich is there to pick you up when you are down. It fills you up when you are empty. It is the Chipotle Grilled Cheese sandwich. On days when I forgot my lunch, or didn't have time to meal prep... Maaaan, I know exactly what I'm getting on Caltech campus. It's Broad Café's Chipotle Grilled Cheese sandwich.

That sandwich could save lives. It's got toasted sourdough, melted cheddar cheese, tomato slices, and chipotle aioli. It's so good. It's like crack. Red Door and Browne got nothin' on Broad Café. That's for sure.

Until July 23rd, 2024.

I didn't have a lunch this day. But it would be fine, right? First thing in the morning, I decided today would be a Broad Chipotle Grilled Cheese sandwich day, and it would be a great day. Or so I thought. Lunch time came and I happily jaunted from Noyes to Broad only to find red tape across the doors and a sign that said "We're Renovating! July 22nd to Early September. Serving continental breakfast, grab & go lunch, coffee & assorted cold beverages. Ask about our daily special!"

Terror struck through my body. Why would they renovate without any warning? I was just here last week and had that glorious Chipotle Grilled Cheese sandwich, and didn't see any signs or hear anyone talk about Broad being closed. All that remains of Broad is a sad little stand outside Broad Café with a sad little refrigerated cubby holding cold pre-made sandwiches and pre-made salads in plastic to-go containers. Not

the warm, fresh-out-the-oven sandwiches placed in paper to-go boxes that feel cozy and important in your hands. I asked if they were still making the Chipotle Grilled Cheese sandwich. No.

No. They were not making the Chipotle Grilled Cheese sandwich, nor the Ginger Chicken Bahn Mi sandwich, nor the Broad Beef Dip sandwich.

Not until the renovations have finished.

It's been 60 days since Broad Café has been closed for renovations. Early September has come and gone. It is (at the time I am writing this article) September 20th, 2024. I stopped by the outside stand yesterday and asked when Broad would be open again to make those sandwiches.

Three.

More.

Weeks.

She.

Said.

I don't know how I'll make it. I have dreams about that sandwich. I cry a little when I walk by Broad and think of that sandwich. That sandwich that I cannot have.

My labmates are sick of hearing me lament about that sandwich. Now you, dear reader, shall hear my cries.

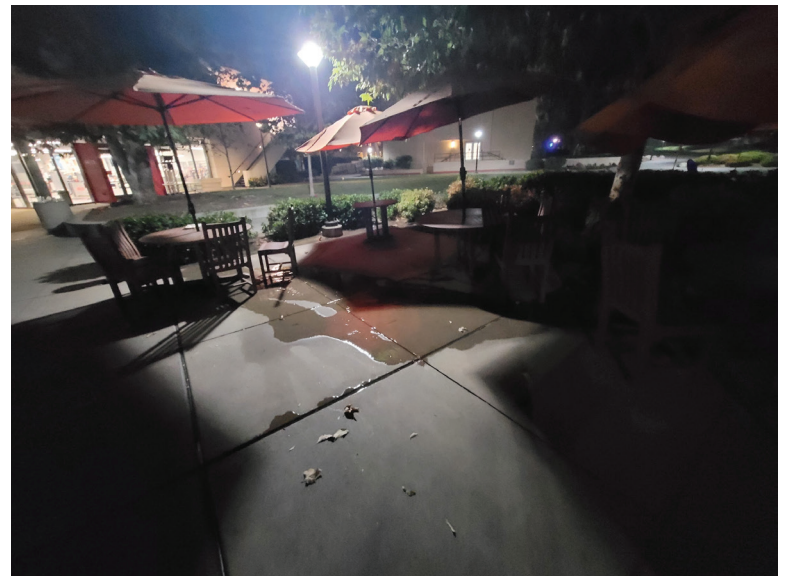
I love that sandwich.

I miss that sandwich.

This has been the longest Caltech summer. This has been the saddest Caltech summer. I've been without this beloved sandwich since July 22nd.

It's been 60 days. And now I must endure at least 21 more.

I think I'll cry tears of joy when Broad Café reopens and I bite into that sensational sandwich. Until that day, I bid you farewell, Chipotle Grilled Cheese sandwich. All my love.



Water leaking from a broken sprinkler forms a small river on the concrete outside of Browne Dining Hall. Photo credit: Michael Gutierrez

man for his awesome work on communicating these statistics and Institute outlooks!)

In terms of energy, the report's stated "Goals for Viability" are to "Identify and recommend sources of **high quality, reliable and environmentally preferable energy to support research and education** while working with the campus community to improve efficiency and reduce demand." For land use, the report touts the new Resnick Sustainability Center as a "beacon for sustainability research and sustainable design." I think that statement sums up the situation perfectly. After all, actually practicing what we preach (and research) is simply not viable... not in this economy! We'll do the research

here, and leave the demonstration to other places.

But to return to the topic at hand — water — the report's stated goal is simply to "responsibly steward water resources by focusing on efficiency, cultivating climate adapted landscape, minimizing potable water use, and maximizing use of reclaimed water." As far as I can tell, we're doing quite well on this front. Irrigation water use has dropped 45% since 2022 — the lowest in recorded history of the Institute, according to the report. (Granted, this is due in part to some equally record-breaking amounts of rainfall, but still.) Looks like all we need now are some more plumbers!

Caltech Spinoff Virtualitics Gives Back with \$100,000 Pledge for AI Research

Camilla Fezzi
The Outside World

In a heartwarming story of alumni giving back, Caltech spinoff company Virtualitics has pledged \$100,000 over five years to support cutting-edge artificial intelligence research at its alma mater. The donation will go toward the Computing, Data, and Society Program (CDSP) Fellows initiative, which aims to explore the real-world impacts of emerging technologies like AI. Virtualitics, founded in 2016 by Caltech alum Michael Amori (MS '07) along with professors George Djorgovski and Ciro Donalek, specializes in using AI, machine learning, and data visualization to analyze large datasets. The company's roots trace back to innovative work done at Caltech's Center for Data-Driven Discovery (CD3). "Most of our technical team graduated from Caltech, so we feel a connection and want to foster a relationship," said Amori, Virtualitics' CEO and co-founder. "I hope that this funding will enable Caltech to train the new generation of comput-

er scientists and create new research ideas in AI." The CDSP Fellows program itself grew out of collaborations between Caltech faculty and alumni. Professors Adam Wierman and Chris Umans developed the concept after discussions with alumni on the Information Science and Technology Advisory Council. The program brings in postdoctoral scholars to work on societally relevant applications of computer science and data technologies.

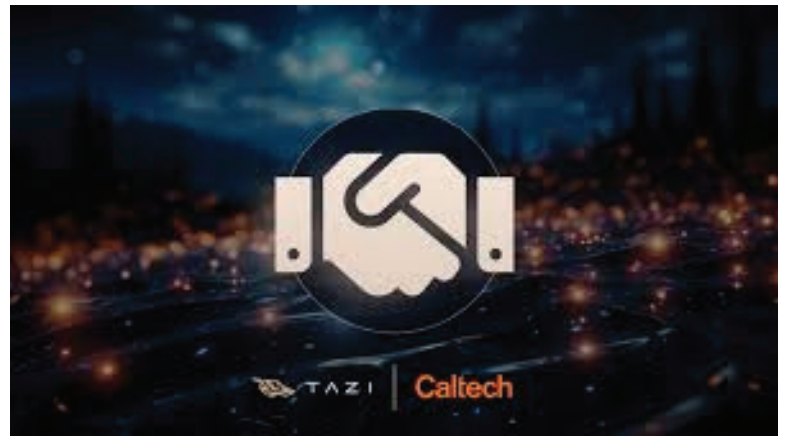
"Computer science is a sprawling field with connections to so many different areas, and we represent certain pieces of it at Caltech," Umans explained. "This program gives us a chance to sample more broadly. We can bring in postdoctoral scholars who work on algorithmic fairness, for example, or ethical AI, or disinformation."

Since its launch in early 2022, the CDSP Fellows fund has supported four two-year appointments for researchers exploring areas like large language models, reinforcement learning, and AI applications in chemistry and mathematical reasoning. The program aims

to create new interdisciplinary connections that can have lasting impacts.

Virtualitics' donation comes at a critical time, as AI technologies are poised to transform numerous industries and aspects of society. "We're all going to be hit by an AI tsunami in the years to come," Amori noted. "I think Caltech is going to be one of the places that helps shape that wave, and it's exciting to be a part of it." The company's pledge exemplifies a growing trend of tech startups giving back to the institutions that nurtured their growth. A 2023 study by the National Venture Capital Association found that over 60% of venture-backed startups engage in some form of philanthropic activity, with education being a top priority.

As AI continues to evolve at a rapid pace, initiatives like the CDSP Fellows program play a crucial role in ensuring the technology is developed responsibly and ethically. Caltech's renown in computer science and engineering makes it well-positioned to lead in this area. With support from alumni-led companies like Vir-



tualitics, Caltech aims to expand the CDSP Fellows cohort to 5-10 researchers annually. This growing community of interdisciplinary scholars will be at the forefront of addressing the societal implications of AI and other emerging technologies.

As the field of AI advances, the partnership between Caltech and its successful spinoffs promises to yield exciting developments that could shape the future of technology and society. Virtualitics' donation serves as a model for how academic institutions and industry can collaborate to drive innovation while accounting for its broader impacts.

CITATIONS

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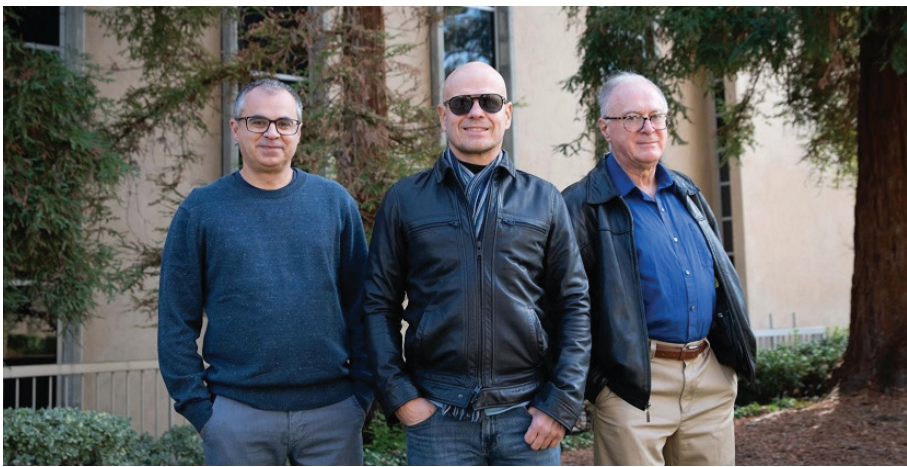


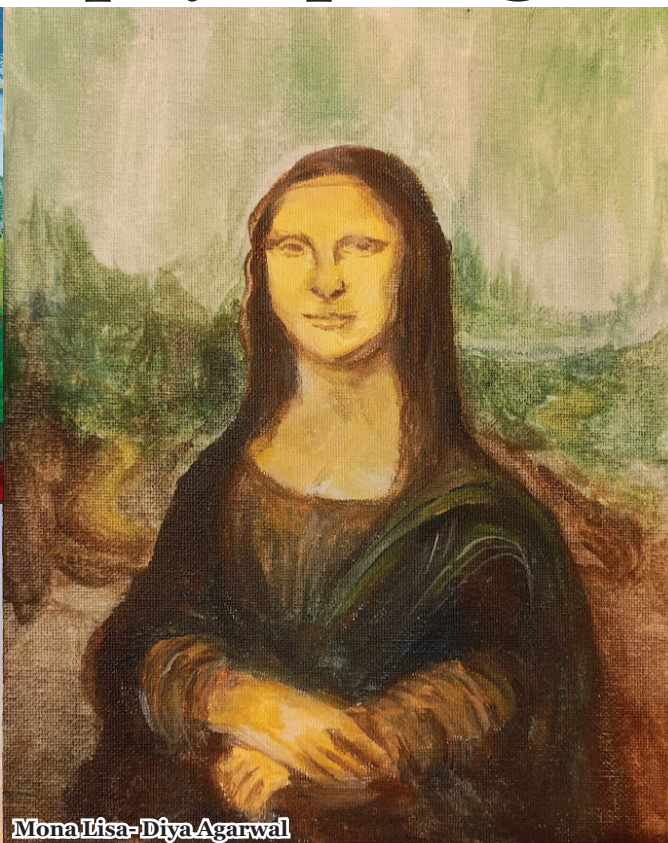
Photo credit: Lance Hayashida/Caltech



Art and Photography Spotlight



Paradise-Sascha Goldsmith



Mona Lisa-Diya Agarwal



Moonrise-Lucas Ancieta



Murder-Maxwell Montemayor



Frolicking-Sylvia Wang



Yeouch!-Abraham Belayneh

P/F P/F Hooray! Side Quests Galore!

Banana Fruity Dice Column

As new frosh enter their first EVER Caltech term, they also embark on a journey into the wonderful land of P/F. Unlike many other college institutions, Caltech gives us all the chance to take our first two terms of college on pass/fail, meaning that this is the perfect time to go out, explore, and have new experiences. The three writers of the article have the firm belief that one should try their hardest to sidequest while on P/F, a principle we adhered to during our own P/F terms. From our experience, we would like to recommend a starter pack of sidequests to y'all.

Seeing the stars at night:

We went to Mount Wilson, saw the Aurora lights, better if you go at the time of some astrological event. Currently, the Draconid meteor shower is ongoing (from Oct 6-10) and Comet Tsuchinshan-ATLAS will be coming from Oct 12-19! Take full advantage of P/F to go on spontaneous star and meteor watching adventures - they will characterize your frosh year.

Late night beach drives:

We drove over many bridges we recognized from GTA, and one of our Socal born-and-raised friends recommend-

ed going to Manhattan, Santa Monica, or Laguna beach. Make sure to grab a quick bite to eat on the way back (we did McDonald's).

Late night LAX airplane watching:

As you can see, there is a common theme of late night excursions. What fun would they be if they weren't at the most god awful hours of the morning?

Bring your MechE friends for this one, they'll love watching planes take off and land from LAX. Fair caution, they may yap your ears off about aero (but it's really cute and fun!).

Go work in cafes:

If you can't put the work down, take the work with you! A lot of them close rather early, so it is best to go and work in the morning and afternoon. However, there are a few that are open a bit later at night.

We have a few recommendations in Pasadena:

- Mandarin Coffee - they have fire Hojicha, and it is simply a 10 minute walk (in the Burlington Arcade on Lake Avenue). The open seating area is really cute.

- Pillow Talk Cafe - this one can get quite loud, but their mango matcha + honeycomb latte are to die for. Also, experiment with consuming one of their in-house cake desserts.

- About Time Cafe: Get that Matcha Einsplanner! A bit fur-

ther in Koreatown but definitely worth taking your friends to. Check out @cafestodiefor on Instagram for more recommendations.

Go to Joshua Tree:

- It's a bigger trip for sure, but this is the time to take big trips!

- We went during thanksgiving weekend but you can really just pick any free weekend during the term.

- 2 day trip but bring tents instead of sleeping in your car at night.

Go and watch a SpaceX launch:

- It's usually a 2 hour drive to the site and 2 hours back. We got there just in time for the launch. Afterwards we pulled up to a state park and looked up at the stars. I saw my first shooting star.

Winchells at 3 AM:

- A classic. Make sure to be safe and go in a big group!

- The best donuts: the pink donut, the apple fritter, and the raspberry/strawberry/creme-filled donuts.

**Disclaimer: we realize many of these things require knowing people with CARS :((have a friend with a car and pay their gas) (always offer to pay them gas)*

Sign-Ups for Undergraduates to participate in the SFC and SLEC

Jonathan Booker News

Sign-ups for undergraduate students to participate in the 2025 Student Faculty Conference (SFC) and Student Life and Experience Conference (SLEC) are now open. The ASCIT Board of Directors has been working to secure the support of faculty and administrative staff for the chance for students to finally be able to take the initiative to make a visible difference within the Caltech experience. This will be accomplished by creating consensus between students, faculty and administrators. In order to create this consensus, all committees will avoid litigated past grievances and look forward to making objective, data based recommendations that consist of actions to be taken.

As stated in the last issue, the SFC will focus on issues related to Caltech's curriculum, course structures, and academic policies. Through this conference, students will have the opportunity to present their ideas and collaborate with faculty to shape the future of academic programs at Caltech. This collaborative platform has been essential in maintaining Caltech's academic rigor while ensuring alignment with student needs. The SFC will consist of the following committees:

- Special Topic Committees
- Prerequisites and How Core Prepares Students For Option Coursework and State of the Honor Code.
- Option Committees - Ap-

plied and Computational Mathematics (ACM) and Information and Data Sciences (IDS), Astrophysics (Ay), Bioengineering (BE), Biology (Bi), Business, Economics, and Management (BEM) and Economics (Ec), Chemical Engineering (ChE), Chemistry (Ch), Computation and Neural Systems (CNS), Computer Science (CS), Electrical Engineering (EE), Geological & Planetary Science (GPS), Materials Science (MS) & Applied Physics (APh), Mathematics (Ma), Mechanical Engineering (ME), and Physics (Ph).

Likewise, SLEC will include students, faculty, and administrative staff to address topics relevant to student life while ensuring a holistic approach to enhancing the undergraduate student experience. The SLEC will consist of the following committees:

- Special Topic Committees
- Extracurriculars and Campus Relations.
- Standing Committees - First Year Experience, Clubs, Events, Admissions, Food, Athletics & Recreation, Diversity & Inclusion, Equity & Accessibility, Health & Wellness, and Experiential Learning & Professional Development.

How to Sign Up
Scan the QR Code to fill out the form to participate in both SFC and SLEC committees. The form can be found at both sfc.caltech.edu and slec.caltech.edu. The form will open on October 7th, 2024 and will close at midnight on October 20th, 2024. We are looking forward to working with everyone!

Shape the Future of Space Exploration: Join the KISS Affiliates Program

Zachary Ahmad News

Do you dream of shaping the future of space exploration, working alongside leaders in the field, and engaging directly with NASA, astronauts, and industry pioneers? The Keck Institute for Space Studies (KISS) at Caltech offers an incredible opportunity for graduate students and postdocs through its renowned KISS Affiliates program—an experience that promises to elevate your research, expand your professional network, and immerse you in the discussions that shape space missions.

What is KISS?

If you're like me when I arrived at Caltech, you've wondered what's behind those KISS logos floating around campus, suggesting mysterious events closed off to the general public. Founded in 2008 as a joint initiative between Caltech and the Jet Propulsion Laboratory (JPL), KISS operates as both a think tank and a practical research hub, where big ideas about space exploration are

born and tested. With a mission to advance space mission concepts and technology, KISS has made its mark on the future of space by fostering collaboration between Caltech researchers, JPL, and international experts. Past projects led to the development of NASA's Asteroid Redirect Mission and helped to build the science case for the InSight Mars Lander.

The KISS Affiliates Program

But KISS isn't just about established researchers - it's also about you. The KISS Affiliates program invites Caltech graduate students and postdocs who are seen as the next generation of space exploration leaders. Nominated by faculty, KISS Affiliates gain access to some of the most exciting aspects of the space industry: you'll interact with industry CEOs, astronauts, mission leaders, and NASA officials who are shaping the future of space exploration. Not only will you attend monthly events (with a free meal included!), but you'll also become part of an elite cohort where you can network, collab-

orate, and share your passion for space.

One of the best parts? Affiliates say that their time with KISS was one of their most rewarding experiences at Caltech - both personally and professionally.

How to Get Involved.

If you're a graduate student or postdoc passionate about space exploration, now is the time to act! The 2025 KISS Affiliates nomination process is open, with nominations due by **October 31, 2024**. While the program typically selects one graduate student and one postdoc from the Engineering and Applied Science (EAS), Geological and Planetary Sciences (GPS), and Physics, Mathematics, and Astronomy (PMA) divisions, space-related candidates from other divisions are also encouraged to apply.

What Are We Looking For?

We're seeking candidates who are not only passionate about space but who also contribute to the diversity of perspectives within the cohort. Do you bring a fresh perspective or a groundbreaking idea to the

field of space exploration? This is your chance to shine. Faculty nominations are required, so start the conversation with your advisor today.

Nomination Details:

- Name of Candidate
- Position (Graduate Student or Postdoctoral Scholar)
- Advisor's Name
- Division (EAS, GPS, PMA, or other space-related fields)
- Why should this candidate be considered for the cohort?
- How does this candidate contribute to the diversity of the group?
- Any potential connections to JPL?

Why Join KISS? The benefits of becoming a KISS Affiliate extend far beyond academic credentials. You'll gain unique insight into how space missions come to life, meet the trailblazers who make it all happen, and have the chance to contribute to high-impact, cutting-edge space research. You'll leave the program not only with connections and knowledge but also with the sense that you're truly a part of something bigger - something that informs and inspires your views on what's possible in space exploration.

So, if you're ready to take your passion for space exploration to the next level, talk to your advisor about a nomination. The universe is waiting!

For more information or to submit a nomination, visit https://kiss.caltech.edu/affiliates/2025_solicitation.html or email Antonio Soriano at asoriano@caltech.edu.



^^ QR Code for SFC/SLEC



THE TECH WANTS TO HEAR FROM YOU!

Do you have thoughts™ about...

- Caltech Accessibility Services (CASS)
- Experiences with Caltech's Title IX Office
- Paying for laundry/WASH Connect App
- The Turtle Mascot
- Anything else?

Tell us your opinions about things going on at Caltech with this new survey form on our website! You can submit any time, multiple times, about anything.

LET YOUR VOICE BE HEARD!!

[tech.caltech.edu/hello](https://kiss.caltech.edu/hello)

Local Happenings in Pasadena: Week of October 7

Alicia Zhang
The Outside World

New students, welcome to Caltech! There's a lot of great places in and around Pasadena, ranging from flea markets, art stores, boba, arcades, and free museums.

Seasonal events:

Knott's Scary Farm
Now - November 2, >\$60
Knotts Berry Farm

Marking its 51st year in the running, Knott's Berry Farm turns into a haunting park of themed mazes and attractions, with scare actors, spooky decorations, and impressive themed mazes with immersive environments.

Pasadena Pumpkin Patch
Monday - Friday 1 pm - 10 pm, Sat-Sun 10 am - 10pm, \$3 entry (best bring cash)
900 N Lake Avenue

This little patch has been in business for over 20 years! It's set up in the CVS parking lot and features a wide variety of pumpkins for sale. Come for a good time on the bouncing slides, giant bounce houses, and petting zoo!

'Carved'

Now - October 30, 6 - 10 pm, \$45

Come wander the beautiful Descanso gardens through an eerie pumpkin wonderland filled with floating lanterns, a glow-in-the-dark art installation, looming hay statues, and giant hand-carved pumpkins. The Camellia Forest and Rose Garden will be decorated with festive fall spirit and lit with armies of glowing jack-o-lanterns as you wander through the trail.

Recurring Events:

PCC Flea Market

November 3 and every first Sunday monthly
8 am - 3 pm, FREE
Pasadena City College parking lot

The PCC Flea Market occurs on the first Sunday of every month. The parking lots along S. Hill Avenue host over 400 vendors and mainly features antiques and collectibles. If you're a big fan of vinyls, there are many vendors selling records inside the parking structure levels. Many students have found great finds on plants, jewelry, clothing, skateboards, and other knick-knacks.

Rose Bowl Flea Market

November 12 and ever second Sunday monthly
9 am - 3 pm, \$12 regular admission
1001 Rose Bowl Drive, Pasadena, CA

The legendary Rose Bowl Flea Market has been happening on the second Sunday of every month for over 50 years with over 2,500 vendors in the Rose Bowl Stadium. Some vendors accept only cash so make sure to hit up an ATM for those sweet flea finds. A word of advice: to avoid the long box office lines, you can purchase your ticket ahead of time on Eventbrite at their website. If you're really an early riser, VIP admission is \$20 which allows you to access the flea market from 5 am to 9 am, meaning you can get to those valuable finds before most of the crowd.

Cool Places to Check out:

The Blue Rooster Art Supplies

This is a local independent art store on East Colorado Blvd with a store cat named Lizard. They offer a 15% student discount on all manner of art materials.

Norton Simon Museum

Free! (bring student ID)
411 W Colorado Blvd, Pasadena, CA 91105

An astounding museum with a world renowned private art collection and home to works by Picasso and Rembrandt, the Norton Simon also has a beautiful sculpture garden to walk around in. They are currently showcasing their new exhibit, *Plugged In: Art and Electric Light*, which features the work of neon and glass benders, and clockmakers as well as Andy Warhol and Allen Ruppersberg.

Buffalo Exchange

468 E Colorado Blvd, Pasadena, CA 91101

Commonly frequented by students, this store offers an eclectic collection for the avid thrifter.

Happy Autumn!



Photo credit: gocaltech.com

Women's Soccer Highlight – September 28

Maria Sanchez
Sports

Caltech Women's Soccer team had their second home game of the season, their first home game where Caltech students can watch, this past Saturday in the Caltech North Field against La Verne. The starting team, Sophie Steven (CS '26, Venerable), Ellie Yamada (BE '27, Ricketts), Marie Choi-Schattle (ME '27, Fleming), Georgia Malueg (CS/BEM '25, Fleming), Juni Polansky (BE '25, Lloyd), Anusha Chatha (pre-frosh '28, ?), Jennifer Solgaard (EE '25, Lloyd), Aurelia Kuester (BE '27, Fleming), Mia Gallo (ME '25, Venerable), Katherine Marquis (ACM '25, Lloyd), and Meher Banik (CS '26, Fleming), lined up and immediately got to putting their practice to work.

Right off the bat, they were putting pressure on La Verne, forcing them to pass too early, or stealing the balls before they could pass them. La Verne really loved going down the right side, putting defender Anusha Chatha, the only starting pre-frosh, in the spotlight. Anusha did not disappoint, often sending the ball down to the middles and forwards, trusting

them to receive her passes.

However, as number 25 Mia Gallo showed us today, anyone on the field can defend. Multiple times, the middle player would back up and defend her goalpost. During a forward push from La Verne, Mia got the ball out of the danger zone before it could reach our goalie, Sophie Steven.

Immediately, La Verne was putting pressure on Caltech. Even when La Verne managed to pass defense, Sophie Steven and Haleigh Gardenier, our goalies, managed to get amazing saves from faster-than-lightning strikes coming from La Verne strikers. Then both would blast the ball to the other side of the field, benefiting her forwards greatly. If you thought one save was the end of Sophie's and Haleigh's contributions to the game, then you are far from right. Throughout the first half of this game, Sophie and Haleigh had a total of 10 saves, some of which were within seconds of each other during a chaotic fight for the ball near the goal, a situation that had all of us sitting in the bleachers at the edge of our seats. Multiple other players, like Meher, Georgia, and Katherine, had memorable

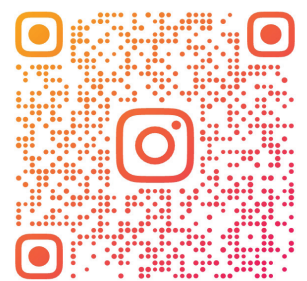
saves throughout the game.

There are two sides to this game, defense *and* offense, and many players showed amazing offense, like number nine Marie Choi-Schattle with three speedy shots at the goal, and Anusha with accurate throw-ins for her teammates.

Unfortunately, Caltech did not get the game they were expecting (the final score was 0-4 in favor of La Verne), but we were able to speak to team captain Meher Banik, who had amazing saves and put pressure on La Verne the whole game, about her experience as a new captain so far. As a captain and main influence on her team, she believes that "[they] are going to turn it around" after everyone gets "into their rhythm of being back into classes." She is excited for this season and is in good spirits after their great game against Occidental. When asked if she has a pre-game routine, she enthusiastically shared that she "always eats a hot pocket" before her game, how fun!

If you'd like to support Caltech Women's Soccer, come watch their next home game against Redlands on Wednesday, October 9 at 4:00 PM. Go Tech!

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THE CALIFORNIA TECH
LLM-FREE SINCE 2023!



COULD WE HAVE PUT SOME CONTENT HERE? WELL YEAH
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GRAPHIC DESIGNERS

THIS COULD BE YOUR JOB!!! WE PAY!!! CONTACT TECH@CALTECH.EDU TO LEARN HOW TO CONTRIBUTE TODAY!!!!

PICTURE A SAD CAT HERE

The California Tech Journalistic Principles

The News-Opinion divide

All articles shall be clearly and explicitly labeled as either News or Opinion/Editorial. News articles report on topics that have been thoroughly researched by Tech staff writers, and should be impartial to any one point of view. In a News article, the writer shall not insert their own personal feelings on the matter; the purpose is to let the facts speak for themselves. The Tech assumes full responsibility for all content published as News.

In contrast, Opinion articles (including Letters to the Editor) may be written and submitted by anyone on any topic; while the Tech will edit all published Opinions to ensure no wrong or misleading information, we do not otherwise interfere. Again, the role of the Tech here is to help the whole campus communicate their ideas and share their stories, not promote specific ones. Content published as Opinions do not necessarily represent the values of the Tech or our staff.

An exception to this is Editorials, which are written by Tech staff and represent official opinions of the Tech. Any information and sources in Editorials shall be held to the same standard as News reports, but there is no promise or expectation of impartial coverage.

Fair Reporting

All facts of major significance and relevance to an article shall be sought out and included.

If an assertion is made by a source about a specific person or organization, they shall be contacted and given a reasonable amount of time to respond before publication. In other words, no second-hand information or hearsay shall stand on its own.

Quotes and Attribution of Information

Facts and quotes that were not collected directly by Tech reporters shall be attributed. Articles shall clearly differentiate between what a reporter saw and heard first-hand vs. what a reporter obtained from other sources.

Sources' opinions are just that — opinions. Expert opinions are certainly given more weight, as are witness opinions. But whenever possible, the Tech shall report facts, or at least corroborate the opinions. A reporter's observations at a scene are considered facts for the purposes of a story.

Sources

All sources shall be treated with respect and integrity. When speaking with sources, we shall identify ourselves as Tech reporters and clarify why we would like to hold an interview. Sources for the Tech will never be surprised to see their name published.

In published content, we shall put our sources' quotes into context, and — as appropriate — clarify what question was being answered.

We always ask that a source speak with us on the record for the sake of journalistic integrity. We want our audience to receive information that is credible and useful to them. Named sources are more trustworthy than unnamed sources because, by definition, unnamed sources will not publicly stand by their statements.

That being said, we realize that some sources are unwilling to reveal their identities publicly when it could jeopardize their safety or livelihood. Even in those cases, it is essential that the Tech Editor-in-Chief knows the identity of the source in question. Otherwise, there can be no certainty about whether the source and their quotes were falsified.

This also applies for Letters to the Editor and Opinion submissions to the Tech. If the author requests that their piece is published anonymously, they must provide a reason, and we shall consider it in appropriate circumstances. No truly anonymous submissions shall be published. Conversely, no submissions shall be published with the author's name without their consent. When we choose not to identify a source by their full name, the article shall explain to readers why.

Corrections Policy

We strive for promptness in correcting all errors in all published content. We shall tell readers, as clearly and quickly as possible, what was wrong and what is correct.

Corrections to articles will be immediately updated on the online version of the Tech at tech.caltech.edu. If appropriate, corrections will also be published in the following Tech print issue.

Honor Code Applies

In any remaining absence of clarity, the Honor Code is the guiding principle.

The California Tech #14 CalGuesser

Every issue we'll show you a different location on campus. Find the place and find the QR code hidden there to sign the log book and **win a fabulous prize?!?!!**

"On campus" is defined by the bounds of the map on caltech.edu/map/campus.

The QR code will be hidden somewhere within the pictured area.



CalGuesser #13 – September 24, 2024

Congrats, you found it!!!

Leave your name/pseudonym, year/department, and date found!

y sato mail services 🌟 9/25/24

Melvin Yee 104-6. 9/25/2024

Theodore Havel, intern, PMA

lore GPS 10/1/24

Last week's winners!
<<<

PSA from the Mailing Office

It has come to our attention that there is wrong information going around about Mailbox assignments. Here are the rules:

1. Mailboxes are assigned at check -in and you keep them while you are an **active student**
2. If you withdraw for whatever reason the box is pulled and re-assigned. **It is not held.**
3. Any correspondence/packages that come in with your old MSC is returned.
4. Mailboxes should be checked daily

Any questions contact either Alice Edel – Tech Express aedel@caltech.edu

Or Darrell Goudeau – Manager Mail Services/Tech Express darrell.goudeau@caltech.edu

The California Tech

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The California Tech

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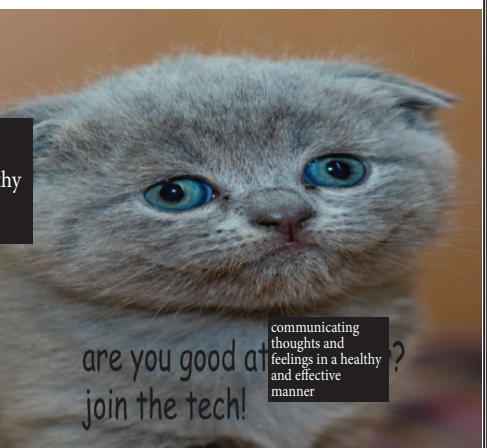
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oh god how did i get here i am not good at

communicating thoughts and feelings in a healthy and effective manner



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