

Caltech Grad Student Wins Hertz Fellowship

ROBERT PERKINS
Caltech Media Relations

This article is adapted from a story that was originally published online at caltech.edu.

Preston Cosslett Kemeny will receive full funding for his research for up to five years

Caltech graduate student Preston Cosslett Kemeny has been selected by the Fannie and John Hertz Foundation to receive a 2017 Hertz Fellowship. Twelve students were selected to receive the award from a pool of more than 700 applicants, and will receive up to five years of support for their graduate studies.

Kemeny is a first-year graduate student in geochemistry in the Division of Geological and Planetary Sciences. A native of Garrison, New York, he received his bachelor's degree in geosciences from Princeton University, summa cum laude, in June of 2015. At Caltech, Kemeny's initial PhD work will combine isotope geochemistry with paleoclimate research to better understand global elemental cycles throughout Earth's history.

By studying the interactions between Earth's changing chemistry and biology, as recorded in the isotope ratios preserved in the geologic record, Kemeny hopes to shed light on the coevolution of life and climate. In particular, he is interested in the rise of atmospheric oxygen, oscillations between glacial and interglacial climates, and the physical chemistry underlying isotopic variation. Ultimately, he hopes his work will improve models of climate change and help combat the impacts of modern carbon emissions.

"I was originally attracted to Earth science because it combines my passions for experimentation and the outdoors," Kemeny says. "To me, nature is theory in experiential form, a way to walk through equations and physically interact with concepts. I love what I study and I love to be outside because they are two complementary sides, the theoretical and the real. When outdoors, I am reminded how complex and powerful reality actually is. Ultimately, modern ecosystems are the solutions to my research questions."

At graduation from Princeton, Kemeny received the Edward Sampson, Class of 1914, Prize in Environmental Geosciences and the Sigma Xi Book Award. Last year he was awarded a 2016 National Defense Science and Engineering Graduate Fellowship.

"The 2017 Fellow class is among the best and brightest we've ever seen, and we are proud to welcome them to the Hertz Community," Robbee Baker Kosak, president of the Fannie and John Hertz Foundation, said in a statement. "Hertz Fellows are developing solutions to issues of worldwide importance, from helping solve global health crises to addressing climate change and energy consumption. We look forward to seeing our new Fellows make similarly outstanding contributions as they pursue their research in the coming years."

The Hertz Foundation is the legacy of John Hertz, a Hungarian immigrant who became an entrepreneur in the automotive industry. The foundation has been supporting budding scientists and engineers for 60 years.



Preston Cosslett Kemeny

Photo Courtesy of Michael Wong

Panda Express Co-founders Give \$30 Million to Caltech for Medical Engineering

STACEY HONG
Caltech Media Relations

This article is adapted from a story that was originally published online at caltech.edu.

Andrew and Peggy Cherng saw opportunity to invest in their community and in the future of health care

For the Cherngs, making a \$30 million gift to name and endow the Andrew and Peggy Cherng Department of Medical Engineering at Caltech was a matter of heart and mind. During more than four decades working as business owners and entrepreneurs in Pasadena, they have developed a strong appreciation for the institutions and people who call this city home.

"We always thought of Caltech as a shining star of Pasadena," says trustee Peggy Cherng, cochair and co-CEO of Panda Restaurant Group, Inc.

The Cherngs have a keen interest in the pioneering work of

Caltech's scientists and engineers, from planetary explorations conducted in partnership with JPL to climate dynamics research using robotic ocean gliders. But the couple elected to focus their personal philanthropy on medical engineering because, as Peggy Cherng explains, "In between the sky and the sea, Caltech is also uniquely positioned to make a difference for humans on earth."

Caltech's medical engineers apply multidisciplinary engineering

principles in the health sphere to design and fabricate devices and systems for translational medicine—including diagnostics, therapeutics, implants, and non-invasive imaging—that will lead to cheaper, more effective, and more accessible health care.



Peggy and Andrew Cherng

Photo Courtesy of Phil Channing

Caltech Students and Alumni Receive 2017 NSF Graduate Research Fellowships

LORI DAJOSE
Caltech Media Relations

This article is adapted from a story that was originally published online at caltech.edu.

Twenty current students and eight alumni have been selected to receive funding for graduate studies.

This year, the National Science Foundation (NSF) has selected 20 current Caltech students and eight alumni to receive its Graduate Research Fellowships. The awards support three years of graduate study within a five-year fellowship period in research-based master's or doctoral programs in science or engineering.

The NSF notes that the Graduate Research Fellowship Program (GRFP) "is a critical program in NSF's overall strategy to develop the globally-engaged workforce necessary to ensure the nation's leadership in advancing science and engineering research and innovation." The selection criteria used to identify NSF fellows reflect the potential of the applicant to advance knowledge and benefit society.

Caltech's awardees for 2017 are seniors Alexander Anferov, Daniil Lukin, Stephanie Moon, Anjali Premkumar, Gerri Roberts, and Sasha Zemsky; and graduate students Mary Arrastia, Stephanie Breunig, Ivanna Escala, Riley Galton, Phillip Helms, Kari Hernandez, Celeste Labeledz, Ethan Pickering, William Poole, Alexander Sorum, Alvita Tran, Krystal Vasquez, Zachary Wu, and Lealia Xiong. The graduate student awardees join 135 current NSF fellows enrolled at Caltech.

Caltech alumni in the 2017 class of Graduate Fellows are: Oliver Chen, Linda Chio, Anne Davis, Connie Hsueh, Anna Liu, Aleena Patel, Madeleine Youngs, and Leonardo Zornberg.

In total this year, the NSF selected 2,000 GRFP recipients from a pool of more than 13,000 applicants. Caltech's Fellowships Advising and Study Abroad office works with current students and recent Caltech graduates interested in applying for an NSF fellowship; sponsoring a panel discussion of previous winners each fall and offering one-on-one advising.

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Caltech Y Column

CALTECH Y

Upcoming Events

Kids Reading to Succeed

Saturday | April 1st | 8:30 - 11:00 AM | 500 E. Villa Street & Jackson Elementary

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

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

Discount Tickets Available Now!

Native Plant Garden Tour – Theodore Payne Foundation Nursery

Saturday, April 1st & Sunday, April 2nd | 10:00 am to 5:00 pm | Cost: \$22.

Transportation is not provided | Sign-up here

The Theodore Payne foundation, one of the largest plant nurseries in our area, is heavily involved in promoting, preserving, and restoring California landscapes and habitats. This tour is a once-a-year opportunity for attendees to simultaneously explore native wildlife and learn about the impacts that we have on these local flora and fauna. The tour is self-guided, and tickets allow access to gardens on both days. There is a total of 32 gardens in the LA area open for the tour, with 8 in or near Pasadena.

The Native Plant Garden Tour is coordinated by Techers for a Sustainable Future (TSF) and is part of the Caltech Y Explore LA Series. The offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each – and that guest can be a non-student. The Caltech Y is located in the Tyson House 505 South Wilson (Bldg. 128). For more information about the tour and for garden locations, see <http://www.nativeplantgardentour.org/>.

Poppy Fields Wildflower Hike

Sunday | April 2nd | From 7:30 am | Antelope Valley Poppy Reserve

Sign up here: <https://goo.gl/forms/dW66tKfHHKrdmcXw2>

Join the Caltech Y Outdoors on a trip to the Antelope Valley Poppy Reserve. There are 8 miles of trails available for hiking and exploring the poppies and wildflowers. For more information about the bloom, take a look at https://www.parks.ca.gov/?page_id=627

We will meet at the Caltech Y at 7:30am to organize carpools. We will return mid to late afternoon. Spots will be dependent on the number of drivers who sign up.

Life Skills: Tax Preparation Workshop

Wednesday | April 5th | 12:00 - 1:00 PM | Location TBD

The filing deadline to submit 2017 tax returns is Tuesday, April 18. If this is your first time filing taxes, come listen to experts from the Caltech Office of Financial Services. Lunch will be served.

Spaces are limited - RSVP is required here: <https://goo.gl/forms/9Xg4DmuF8rpouMHS2>

Join hundreds of Caltech Students in service to the community!

Make-A-Difference Day 2017

Saturday | April 8th | Sign up now!

The Caltech Y is partnering with agencies from all over Pasadena and the greater LA region for one day of community service. All members of the Caltech community are invited to participate in one of a variety of community service projects at the Boys and Girls Club, Monrovia Canyon, Habitat for Humanity, LA Food Bank, Hillside Home for Children, and many more sites. You can choose to work with kids or animals, do construction or outdoor projects or visit with the elderly. Projects are led by other students and will be 3 1/2 to 6 hours - including travel, depending on the project. Meals, transportation, and t-shirts are provided.

For more details on the projects and to sign up, please visit https://www.caltechy.org/programs_services/areas/mad/ and rank your preferences on the web form. Regular registrations are requested by Tuesday, April 4th but we will continue to add volunteers in as space allows.

The Caltech Y Social Activism Speaker Series Presents:

Bridging the Divide: Scientists talking to the Media

A conversation with Ron Lin, Journalist at the LA Times

Tuesday | April 11th | 12:00 Noon to 1:00pm | Location to be announced | Lunch is provided, spaces are limited

RSVP Required: <https://goo.gl/forms/e0Zx1xRFJbJzqezG53>

The Caltech Y Social Activism Speaker Series is hosting the first event in its Bridging the Divide series with Ron Lin, metro reporter at the LA Times. He will talk and take questions about how scientists can better communicate with reporters, what journalists look for and the need to make a compelling article and anything else on your mind.

The Studenski Memorial Award

Proposals are due Friday, April 21st no later than noon

Are you wondering about the next step in your life? Have you reached a crossroad where you would benefit from an opportunity to explore? Would a trip, an opportunity to volunteer with an organization, or a chance to try a new skill or interest this summer help you gain clarity? If you answered yes to any of these questions, then the Studenski Award might be for you.

The Studenski Memorial Award is a grant of up to \$6000 established in the memory of Paul Studenski, a Caltech student who was killed in an automobile accident while traveling across the United States in 1974. It is awarded to a Caltech undergraduate who, having reached a crossroads in life, would benefit from a period away from the academic community to obtain a better understanding of self and to explore possible directions for the future.

Studenski proposals (1 to 2 pages maximum) are due Friday, April 21st no later than 12:00 noon to caltechY@caltech.edu (in word format).

Visit www.caltechY.org/programs_services/areas/Studenski/index.php for proposal guidelines and a list of former Studenski recipients. For more information, contact Athena Castro athena@caltech.edu or Greg Fletcher gregf@caltech.edu.

Caltechlive!

Saturday, April 15, 2017 • 8 PM

BELLA GAIA (BEAUTIFUL EARTH)

A POETIC VISION OF EARTH FROM SPACE



This show combines NASA satellite imagery of Earth with stirring live performances of music and dance from around the world.

\$45, \$40, \$35 • \$10 Youth

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Mention this ad and receive \$5 off on adult tickets

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www.events.caltech.edu • 626. 395.4652



Your world awaits... will you act?
The Caltech Y Advocating Change Together (ACT) Award

Info and applications available now!

Applications are due by Friday, April 21st at noon.

Got an issue or cause that warrants attention? Explore the issue - by attending a conference, training, or workshop, or choosing to immerse yourself with a mentor or organization that is addressing your issue – then plan some programs to raise awareness on campus. Awardees can receive up to \$4500 to cover expenses for their educational experience, including registration and program fees, travel, lodging, food, and incidentals.

Tackle hunger or homelessness, immigration policy, poverty, education policy, science and public relations, science policy or whatever you choose - it's your opportunity to ACT! Local, national, or global travel - as well as one day, multi-day, and even multi-week experiences - are all eligible. The Caltech Y ACT Award, made possible with generous support of the Caltech Employees Federal Credit Union, offers students an opportunity to pursue an interest in local, national, or world issues; service or advocacy.

Visit www.caltechY.org/programs_services/commservice/ACT/index.php for applications and more information, and/or stop by the Caltech Y or contact us to learn more about this exciting opportunity!

Hathaway Sycamores

Every Wednesday | 6:00 - 8:00 PM | Highland Park

Volunteer at Hathaway Sycamores, a group that supports local underprivileged

but motivated high school students. There are a variety of ages and subjects being tutored. The service trip includes about an hour of travel time and 1.5 hours of tutoring. Transportation is included.

For more info and to RSVP email Sherwood Richers at srichers@tapir.caltech.edu. Eligible for Federal Work Study.

Beyond the Y

Caltech Photography Club Workshop
Sunday | April 9th | 2:00 - 4:00 pm

Want to sharpen your photography skills? Sign up for a FREE Photography Workshop hosted by Bob Paz (Caltech's main photographer) and the Caltech Photography Club on Sunday, April 9th from 2-4pm. We will cover a wide range of useful skills, listed below.

Photo fundamentals:

- Composition
- Camera basics
- Lighting: Natural & Flash

We will walk about the campus focusing on:

- Urban Nature
 - Structures
 - Best Backgrounds for portraits
 - Basic Lighting & Basic flash lighting
- Back to classroom:
- Reviewing the results
 - Mystery prizes!

Space in the workshop is limited to 15 people, so sign-ups are on a first come, first serve basis. The Photography Club has a limited collection of equipment available to borrow for the workshop, but those with their own equipment will be given first priority for workshop space.

To sign up, please visit: <https://goo.gl/forms/L1LoEAUyCJaBvIB2>

Glorification of Self-Destruction

Andre Comella
Contributing Writer

There is no glory in self-destruction. To be a martyr, you have to die for something. And yet this campus is obsessed with suffering as both concept and action. Conversations always turn towards our burdens and struggles. But what should be healthy venting and commiseration becomes boasting and grandstanding. Someone begins with “I’ve got an entire set to do tonight, and I only slept five hours last night.” The next person tries to top them, “I’ve got a set and an essay, and I slept just two hours.” Then the inevitable “I have four sets, two essays, and a project due in twelve hours, and I haven’t slept all term.” The absurdity of the boasts is second only to the absurdity that these are, in fact, boasts.

Somewhere along the way, we decided that suffering, a necessary part of achieving success, is, on its own, a form of success. Of all aspects of student culture, there is none more universal nor universally harmful than this. How did we get here? Well, we can blame our administration. Evidently, someone thought it was a good idea to print shirts that said “Study, Eat, Coffee, All-nighter, Repeat” and give them to all the frosh. But, ultimately, this is a problem of student culture, and

thus one created and perpetuated by students. Hard news to take to heart, but also good news—problems created by students can also be solved by students.

But where does this come from? Why would we create such a toxic culture. Well, part of it is simple pride. It’s hard to fake accomplishments, but much easier to inflate their value. The greater the obstacles overcome to achieve something, the more impressive the accomplishment. This inflation is especially useful for situations like extracurriculars or House projects where metrics for success are more tightly capped or harder to quantify. Suffering is extra credit when it comes to gaining social capital. And so, to make the mundane impressive, all one has to do to is suffer in greater amounts. Sleep less, eat less, work more. Then everything will be more meaningful.

A large part of this also comes as a coping strategy. Turning suffering into boasts means you can call the suffering a good thing. You can ignore the fact that it is, after all, suffering. You can say the pain is meaningful. You can say you’re happy. But denying pain doesn’t make it go away. It just pushes it deeper to a place where it’s even harder to deal with.

When we compete in misery we glorify it. And glorifying misery encourages it and the habits that promote it. Haven’t we had at least a few nights where we stayed up well past when we needed to? Felt alright pushing off work because it’s what the ‘cool kids’ do? Justified a lack of self care with the understanding that doings so would adhere to the status quo and perhaps even come with a tinge of pride? When you’re having your next classically Caltech Terrible Night, consider what habits got you there, where you learned them from, and if those are the kinds of things you want to be teaching to the frosh that come after you. The Suffering Game certainly isn’t the cause of all our bad habits and long nights, but it definitely contributes.

This is a problem that only gets better if we decide to work on it together. It’s a hard habit to break, but important and worthwhile. Getting better starts with admitting the absurdity of trying to out-suffer each other. It continues with catching and stopping ourselves before we try to top another’s misery. Perhaps we can even call each other out. When people talk about the struggles they are facing, our reaction should be one of support and empathy, not of competition. After all, what have you really won if you win a round of ‘Whose Life is Worse?’.

Ugly, Beautiful Echo Park

Drew Schäffer
Contributing Writer

Echo Park captures the trash-laden, concrete-entombed heart and soul of Los Angeles. Just north of downtown, between Sunset Boulevard and the 101, the twenty-nine acres of Echo Park teem with waterfowl and hipsters sipping PBR on the lakeside. There’s a heavy Hispanic presence, and old Mexican men sit on the benches with a stillness that no American is capable of achieving. (This combined with the general disrepair recalls Havana’s improbable calm amidst chaos; a bust of José Martí completes the resemblance.) Each lap around the lake brings new quincinera photo-ops. Ungainly Indian families tear at loaves of naan, young Chinese couples check their phones, and there’s even some Frenchmen obsessing over dogs. (Oooh, tu vois le Golden ? C’est magnifique, ça !)

For food there are street carts selling mango with chili powder or fish tacos, and I had an incredible elote grilled in a shopping cart by a man who, judging by the state his fingernails, had pushed this shopping cart all the way from Guatemala. This was the best of the many elotes I have had there: a spray of lime juice held the chili powder and shredded cheese to the cob, and real butter replaced the movie-theater ersatz other elote-men slather on. My previous elote came from a gentleman from Oaxaca who told me all about the opportunity America afforded him. Unfortunately, his skill at elote making did not match his zeal for upward mobility: the corn was boiled rather than grilled, which combined with the lack of lime juice to make for a rather bland cob. Oddly enough, every run-in with a food vendor began with him speaking Spanish. During my eighteen years as a native of San Antonio, a city whose population is two-thirds Hispanic and where you can still find mom-and-pop (mamá-y-papá?) taco shops with 79-cent-a-piece breakfast specials, I don’t think I ever had a conversation that began with a Latino speaking Spanish to me.

The neighborhood surrounding the park is as varied as Echo Park itself. On a hill to the west, past some of the most gnarled, graffiti-tagged succulents in LA, there is a walkway that cannot decide

whether it wants to be a pedestrian passage or a sewage canal. Beside a sidewalk not more than 18 inches across, a ditch leads to an open manhole: I resist the urge to climb in. Further on, after trudging through broken beer bottles, extinguished blunts, and a discarded condom wrapper or two, I was graced with unimpeded views of the LA skyline.

The park is bordered to the north by Aimee McPherson’s Angelus Temple, the birthplace in the ‘20s of the modern evangelical movement. (While perceived today as a product of Middle America megachurches, evangelical Christianity’s origins are as SoCal as citrus and spray-on tans.) To the east there is a more modest Episcopal church with a garish color scheme so ugly it could only have been chosen in the ‘80s, and which has an actual bell tower to help keep track of the hours since the ancient Mexican man on the bench next to you last blinked. (You have to wonder what’s going on with these bench-sitters. Is it mere senescence, or have they stumbled upon a nascent meditation practice? Or maybe this stillness of mind is what happens if you grow up in a time and place removed from American-style capitalism’s suffocating anxiety to achieve.)

The northern end of the lake bears a sign marking the location since 1972 of the annual Lotus Festival: “The flowers of the Asian Lotus are sacred to many people around the world, serving as symbols of rebirth, purity and life”. Looking around, though, I can’t see any lotuses, and further research confirms that they died in 2008.

The lake has pedal boats for a romantic outing with your date, for those who prefer going for that kiss surrounded by ducks and herons rather than the homeless encampments on shore. Echo Park’s beauty is a lot like the beauty of those pictures of plant life sprouting in the concrete of post-meltdown Chernobyl. Echo Park should not be beautiful: traffic noise saturates the air even on the far end of the lake, and empty Doritos bags float between the lily pads. A Google search brings up “LAPD investigating body found at Echo Park Lake” as its fifth hit. But it’s hard not to love the froth of life bubbling up through the asphalt here.

Debunking Senior Gift Myths

Slava Butkovich and Ellen Yu
Contributing Writers

In this first part of a series of articles about Senior Gift, Slava Butkovich (Dabney ’17) and Ellen Yu (Ricketts ’17), co-chairs of the Senior Gift Committee, address some common misconceptions about the Caltech tradition.

1. Senior Gift money pays for something I didn’t want and Caltech doesn’t need.

We’re trying something new this year. Instead of raising money for a tangible gift like a bench, charging stations, or some new trees, we’re asking students to give back to any area of their choosing. You can give to your House, the Student Life (AKA Tom Mannion’s discretionary) fund, the Art House, athletics, clubs, undergraduate scholarships—the world is your oyster.

2. Ok, but you want me to give like \$100 right? I’m a broke college student!

Nope. Gifts of any amount are appreciated. Most seniors give \$20.1X in honor of their class year. Some give \$5 or \$10, a few give \$50 or \$100, and the minimum amount is just \$1.

3. \$20 won’t benefit anything.

Senior Gift is more about promoting the act of giving than it is about raising a huge sum. The percentage of alumni who give back at any level affects our rankings and incentivizes larger corporations and foundations to invest in Caltech. Plus, if every one of our 23,000 alumni worldwide gave just \$20, it would end up making a pretty big financial impact.

Senior gift also prepares you for giving as an alumnus, when you will have the choice to make an unrestricted gift (which goes to Caltech’s highest priorities, like scholarships and financial aid) or restrict your gift to whichever area of campus matters most to you. Many of the opportunities you’ve had—from that SURF at JPL to your House camping trips at Joshua Tree—were made possible by alumni support. That support helps ensure that Caltech will continue to grow and improve, and that the things you loved about your experience will continue to exist for future generations.

As an extra incentive to give, Professor Tom Soifer has once again generously offered to match every senior gift up to \$30 per gift and up to \$2,000 total.

4. All of that said, Senior Gift still sounds like extortion. Why should I give when my parents have already paid a fortune to send me here?

Tuition actually doesn’t cover the full cost to educate each of us, and 60% of undergrads are receiving financial aid. Alumni support, more so than tuition, is what will help make Caltech more accessible and affordable.

Have more questions or concerns about Senior Gift? Feel free to e-mail Kathleen LaManna (klamanna@caltech.edu) in the Caltech Fund office. And be on the lookout for information about upcoming Senior Gift events!

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Mailing list and MP3 archive:
counseling.caltech.edu/students/meditation

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Baseball wins first SCIAC game since 1988

GOCALTECH.COM
Actual Sports Content Editor

PASADENA (Mar. 31, 2017) – Caltech’s SCIAC baseball winless streak is no more.

Late-game heroics from freshman Alex Corado and a sound pitching performance from sophomore Jonah Krop earned the Beavers their first SCIAC victory since 1988 in a 4-3 walk-off win over Pomona-Pitzer Colleges, breaking a 29-year winless streak.

Corado’s walk-off single to score senior Kai Kirk from second base put an end to the longest SCIAC winless streak in Caltech athletics and featured a similar feeling of

elation as to when the men’s basketball team ended their infamous streak back in 2011.

Caltech would not have been in a position to win the game had it not been for Krop’s excellent day on the mound. After a rough outing against University of Redlands the week before, Krop got back to basics against the Sagehens and earned the complete-game win. He only struck out one batter, but forced his SCIAC foes into groundballs while managing to limit the free passes. He walked just three and recovered from a dramatic fifth inning that saw the Sagehens plate three on a go-ahead home run after going down 2-0 in the first inning.

But the day surely belongs to Corado, who led the team with two hits and, with one swing of the bat, put an end to 29 years of misery. The freshman entered the game hitting just .129 on the year but advanced stats would indicate that his low average was driven by bad luck on balls in play. His second hit of the day could not have come at a better time.

Trailing 3-2 with two outs and the Beavers’ backs against the wall, junior David Watson kept Caltech alive with a single up the middle. Head Coach Matthew Mark then opted to pinch run Schaeffer Reed for Watson, which proved to be an excellent decision. Kirk came to the plate and cranked a stand-up double

into left center field, scoring the fast and lanky Reed all the way from first base. With Kirk in scoring position and Corado at the plate, the Sagehens opted for a pitching change, inserting Casey Herschfield into a high-leverage situation. Facing a full-count with nothing to lose, Corado drove the ball into left field and brought Kirk home from second.

Junior Chris McCarren, senior Harrison Jacobs and freshman Cortland Perry also earned hits for the Beavers. McCarren added his 10th steal of the season and is yet to be caught on the basepaths.



About three things I was absolutely positive. First, Jonah was a vampire. Second, there was a part of him-and I didn't know how potent that part might be-that thirsted for my blood. And third, I was unconditionally and irrevocably in love with him.

-gocaltech.com



I don't know what you heard about me // But a pitch can't get a strike outta me // No fouls, no outs, you can't see // That I'm a mother****in' P.I.M.P.

-gocaltech.com



LOL Pomona had to run sprints immediately after this score was displayed. Photo Courtesy of Mark Burleson



WEEEEEEEE ARE THE CHAMPIONSSSSSSSS MY FRIENNNDDDDDD! (And they literally kept fighting 'til the end.)

Photo Courtesy of Elise Cutts



You did a bear-y good job, Harrison.

Photo Courtesy of Elise Cutts



Help us Obi Wan Kai-nobi, you're our only hope.

Photo Courtesy of Elise Cutts

2017 CALTECH UNDERGRADUATE WRITING PRIZES

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

Submit your writing this year for these prizes:

MARY A. EARL MCKINNEY PRIZE IN LITERATURE

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

Prize amount: \$500.00/each category

GORDON MCCLURE MEMORIAL COMMUNICATIONS PRIZE

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

Prize amount: \$500.00/each category

HALLETT SMITH PRIZE

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

Prize amount: \$500.00

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

Submission Guidelines:

Deadline: April 4th, 2017

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

ASCIT Minutes

Meetings are every week in SAC 13

ASCIT Board of Directors Meeting

Minutes for 9 March 2017. Taken by Alice Zhai.

Officers Present: Andrew Montequin, Tim Liu, Bobby Sanchez, Sakthi Vetrivel, Robin Brown, Alice Zhai

Guests: Luiza Coelho

Call to Order: 12:20pm

President's Report (Andrew):

- Next town hall meeting is on Monday, March 13
- Met with Joe Shepherd last Friday

Officer's Reports:

V.P. of Academic Affairs (ARC Chair: Tim):

- ARC creating an updated mailing list
- TQFR deadlines are moved forward
- Will send out survey about academic advising

V.P. of Non-Academic Affairs (IHC Chair: Bobby):

- IHC election is on Monday, March 13
- IHC met with Dean Gilmartin yesterday (March 8)

Director of Operations (Sakthi):

- One of the ASCIT lights broke at Ruddock Interhouse
- Caltech Republicans club resubmitted their club application

Treasurer (Kalyn):

- Women in PMA pitched for funding for their end of term dinner

Social Director (Robin):

- Huntington Garden Museum Day is on Saturday, March 11
- Working on ASCIT formal - tickets will be on sale during finals week

Secretary (Alice):

- 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: 12:50pm

Crossword

Across

- Elevate
- Significance of a story or event
- Military vehicle
- Not in action
- Pleasant odor
- Woodwind instrument
- Close
- Corvine bird
- Loose flowing garment
- Actions affecting destiny in the next incarnation (Hinduism and Buddhism)
- Give temporarily
- Mush
- Sledge
- Erase
- Molars
- Flop
- Moderate or restrain
- Submerged ridge
- Cook with dry heat
- Country, initially
- Stone pillar
- Sheltered side
- Shoulder gesture
- Undercover agent
- Complete duration of something
- In favor of
- Taut or rigid
- Not present

- Deprive of status or authority
- Unit of potential
- Judicious
- Not at any time
- Region
- Nimble
- A strong line
- Male red deer
- Pass along
- Similar
- Accept something given
- Monotone
- Metallic element

Down

- Parts of a chain
- Paragon
- Sudden burst of flame
- Colony insect
- Spoil
- Using speech rather than writing
- Wander
- Make better
- Came ashore
- Underwater projectile
- Approximately
- Baronial
- Main castle tower
- Historic period
- Aromatic plant used in cookery
- Skulk
- Swarm

- Serf (Middle Ages)
- Public transport
- Residue of burning
- Old salt
- Rasp
- Any high mountain
- Large body of water
- Square root of 100
- Fiend
- Transmit
- Outshine
- Indefinite number but not many
- Ahead
- Transgression
- Large artery
- Desolate
- Large feline
- Ilicit
- Reddish brown
- Vogue
- Immense
- Storage tower
- Panache
- Oculus

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