

Interaxon club hosts Pasadena Brain Bee competition

NEHALY SHAH
Editor-in-Chief

Caltech's Interaxon club organized a local Brain Bee competition on Feb. 6. The event is just one of many other regional competitions occurring across the country. Nine high school students from Marshall High School, Blair High School and San Marino High School competed for a chance to attend the Society for Neuroscience's National Brain Bee in March in Baltimore, MD.

Nancy Wen, the main organizer of the Brain Bee and previous Interaxon president, said the club hoped to "make the Brain Bee successful this year so it can become an annual event."

The day started out with Interaxon club members hosting



Interaxon members give prizes to the Brain Bee contestants.

booths with interactive activities for the high school students. Topics included brain dissection, electrical impulses and the five senses. Participants then took a written exam of multiple choice

and short answer questions created by Interaxon club members. In the afternoon, Michael Dickinson, Esther M. and Abe M. Zarem Professor of Bioengineering, gave a presentation on how flies fly. Six

competitors proceeded to compete in the Jeopardy! round, judged by Henry Lester, Bren Professor of Biology.

"It's impressive how much you all know about neuroscience that I didn't know at your age," Lester said to the students after the competition.

All participants received an Interaxon T-shirt, a keychain, a pen and a certificate of completion.

The scores from the written test and the Jeopardy! round were combined to determine the winner, Aarti Goswami, a freshman at Blair High School. In addition to the other prizes, Goswami won two round-trip flight tickets and lodging to attend the National Brain Bee.

When she was in high school, Interaxon co-president Anvita Mishra competed in the regional and national Brain Bee. "It inspired me to learn about science. I hope we can show other people that there's so much out there to learn," she said.

Other than this event, the Interaxon club regularly visits schools in the Pasadena Unified School District to teach students about various topics in the field of neuroscience.

"The overall goal is to get students interested in neuroscience and possibly in a career in neuroscience," said Interaxon co-president Charles Wang.

Funding for the Brain Bee was provided by ASCIT and the Caltech Conte Center.

News briefs from around the globe

A brief list of events from the past week, compiled by the editors

Twitter shuts down ISIS sympathetic accounts

125k accounts that "promote terrorists acts" shut down since middle of last year [BBC]

China buys Chicago Stock Exchange

134-year-old market sold to Chinese firm Chongqing Casin Enterprise Group; Chicago Stock Exchange accounts for only 0.5 percent of all U.S. trading [CNN]

Edgar Mitchell, Apollo 14 astronaut, dies

85-year-old was sixth man to walk on the moon in 1971 [TIME]

Dr. Hsiu-Ying "Lisa" Tseng sentenced to life in prison

3 patients died of prescription drug overdoses, for which Tseng was found accountable last year [TIME]

Crane collapses in New York City

1 dead, at least two injured when the crane fell in Manhattan early Friday morning [BBC]

Taiwan struck by deadly earthquake

6.4-magnitude quake in city of Tainan kills at least 3 [BBC]

Tennessee boy convicted in death of 8-year-old girl

11-year-old boy kills McKayla Dyer over an argument about a puppy [CNN]



Professor Henry Lester talks to Brain Bee participants about neuroscience research.



High school students learn about the five senses through interactive demos. Photos Courtesy of Nehaly Shah

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Caltech Y Column

CALTECH Y

The Caltech Y Column serves to inform students of upcoming events and volunteer opportunities. The list is compiled by Neera Shah from information given by the Caltech Y and its student leaders.

Founded by students in 1916, the Y was organized to provide extracurricular activities planned and implemented by students as an opportunity to learn leadership skills and discover themselves. More information about the Caltech Y and its programs can be found at <https://caltechy.org>. The office is located at 505 S. Wilson Avenue.

Ongoing programs hosted by the Y:

Make-A-Difference Day: Hillsides Home for Children, LA County Arboretum and Botanic Garden, Children's Hospital Los Angeles (Coachart), Eaton Canyon, Lifeline for Pets

Explore LA: Lakers game, Next to Normal musical, Norton Simon Museum trip

Upcoming Events

1. Yosemite Winter Camping Trip

Saturday - Monday | Feb 13th - 15th | Cost \$125 per person

Come sign up now at the Caltech Y (business hours are 9 -5, payment is due at signup)

Join us in Yosemite National Park this President's Day weekend! Yosemite is known for its beautiful landscape and impressive waterfalls, and the Caltech Y has organized a special trip to experience the park. The timing of this trip is extra special, since we will be in Yosemite for a once-a-year astronomical and geological event: Horsetail Fall at sunset.

Once a year for a week in mid-February, the setting sun lines up perfectly with Horsetail Fall in Yosemite Valley to turn the waterfall bright orange and pink at sunset, while the surrounding rock is dark. It's an amazing event and people come from all around the world to see it. There is also plenty of snow in Yosemite now, and the Badger Pass ski area inside the national park is open for downhill skiing and snow boarding, cross country skiing, and snow shoeing.

2. LACMA - Caltech Y Explore LA Series

Saturday | Feb 13th | 10 a.m. - 5 p.m. |

Sales begin 12:00 p.m., this Friday, February 5th at the Caltech Y (505 S. Wilson)

Cost: \$7 for ticket only | \$20 for ticket with transportation

This offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each and that guest can be a non-student. There are a limited number of seats available as supplies last. Explore LA is coordinated by the Caltech Y. The Caltech Y is located in the Tyson House 505 South Wilson (Bldg. 128).

Today LACMA is the largest art museum in the western United states, with a collection that includes over 120,000 objects dating from antiquity to the present, encompassing the geographic world and nearly the entire history of art. Among the museum's strengths are its holdings of Asian art, Latin American art, ranging from the pre-Columbian masterpieces to works by leading modern and contemporary artists; and Islamic art of which LACMA hosts one of the most significant collections in the world.

3. Pasadena Symphony - Tchaikovsky Violin Concerto featuring Jennifer Frautschi - Caltech Y Explore LA Series

Saturday | Feb 13th | 8 p.m. | Pasadena Ambassador Auditorium Transportation is NOT provided

Sales begin 12:30 pm, this Friday, February 5th at the Caltech Y (505 S. Wilson)

Cost: \$10 - Caltech students only

This offer is for Caltech students only. Students purchasing tickets are permitted to purchase tickets for up to one guest but that guest must also be a Caltech student. There are a very limited number of seats available as supplies last - so make sure to be at the Y early this Wednesday! These tickets have been generously subsidized by Professor Stephen Frautschi. The Explore LA series is coordinated by the Caltech Y. The Caltech Y is located in the Tyson House 505 South Wilson (Bldg. 128).

Jennifer Frautschi, daughter of Caltech Professor Stephen Frautschi, will be the featured violinist for the Pasadena Symphony's presentation of Tchaikovsky's Violin Concerto - considered one of the best known violin concertos as well as one of the most technically difficult works for the violin. She is a two-time GRAMMY nominee who is equally at home in the classic and contemporary repertoire. Ms. Frautschi's 2015-16 season features performances with the Boston Philharmonic, New Jersey Symphony, Norwalk and Valdosta Symphonies, re-engagements with the Austin, Boise, Pasadena, Pensacola and Toledo Symphonies, and chamber music appearances at the Library of Congress and Duke University. Visit <http://artsmg.com/Strings/JenniferFrautschi/index.html> for more on Jennifer Frautschi.

4. Mt. Pinos Winter Snowshoe Hike

Sunday | Feb 21st, leave at 8 a.m. | Cost \$5 to rent snowshoes, optional \$8 for skis

To sign up, fill out this form. Contact Jeremy Sandler for questions.

Join Caltech Y Outdoor Adventures on a snowshoe hike to the summit of Mt. Pinos, the highest point in both Ventura and Kern Counties. The cost to rent snowshoes is \$5, and there is also an option to rent cross country skis for around \$8. This is a great hike for people with little or no experience snowshoeing, with the trail climbing a mild 500 feet in elevation over 1.5 miles to the summit. The broad summit of Mt. Pinos is perfect for exploring and having fun in the snow, with great views of the surrounding mountains of the Los Padres National Forest and the southern Sierras on a clear day. We will leave the Caltech Y at 8:00 am and return at around 5:00 pm.

5a. Pasadena LEARNs

Friday | 3:00 - 5:00pm | Madison and Jackson Elementary School | Pasadena

Come volunteer at Madison and Jackson Elementary School! We are partnered with the Pasadena LEARNs program and work with their Science Olympiad team or do regular tutoring along with occasional hands-on science experiments. Transportation is provided. For more information and to RSVP, contact vkumar@caltech.edu.

5b. Hathaway Sycamores

Wednesday | 5:30 - 8:00 p.m. | 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 2 hours of tutoring. Transportation is included. For more info and to RSVP email Sherwood Richers at srichers@tapir.caltech.edu.

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Gregg Hallinan

Assistant Professor of Astronomy
- Biedebach Memorial Lecture -

The earth's magnetic field protects its atmosphere from the solar wind during explosive events known as coronal mass ejections. Similar magnetic fields may be crucial in defining the habitability of exoplanets, particularly when their host stars are young and very magnetically active. Hallinan's presentation will focus on his group's efforts to detect such extrasolar space weather on nearby stars. Playing a key role in these efforts is a new radio telescope at Caltech's Owens Valley Radio Observatory.

Free Admission / Free Parking

Caltech's Beckman Auditorium
www.events.caltech.edu



Call campus x 4652 for information

Viewers connect with theme of loneliness in *Anomalisa*

CRYSTAL LIANG
SHIVAL DASU
Contributing Writers

In Charlie Kaufman's newest film, *Anomalisa*, the protagonist Michael Stone (voiced by David Thewlis) travels to Cincinnati to give a speech on customer service, a subject on which he has written a bestselling and highly influential book. The film focuses on his interactions with people while traveling, almost all of which end in alienation — except for one anomaly with a woman named Lisa Hesselman (voiced by Jennifer Jason Leigh), from whom the film takes its title. *Anomalisa* is animated in stop-motion with 3-D-printed puppets, an artistic decision that allows Kaufman to more freely explore the humanity of his characters.

A sense of malaise permeates much of the film. It opens with an unnerving clamor of voices — the same mid-pitch, unsettlingly soft voice of Tom Noonan layered over itself — over a black screen, forcing us to listen to the inane chatter. We soon discover that the protagonist literally hears everyone speaking in that same voice. From the moment when Michael's plane lands, we are treated to a series of encounters with an officious cabbie, a hotel clerk and an unsettlingly deferential porter, all stifling in their awkwardness. The scenes feel dragged out, as if to make us really experience Michael's frustration and discomfort.

The central subject of the film is Michael's encounter with Lisa, a woman whose voice rings distinct from everyone else's cottony monotone. A fan of Michael's, she

has come to the hotel with her more popular and conventionally attractive childhood friend Elizabeth to listen to his speech. Lisa's character is remarkably well-fleshed out and stands out on screen,

“Her shoulders slump with the weight of a lifetime of being ignored; her crossed arms, sidelong looks, and slow, hesitant movements exude vulnerability.”

which is impressive considering that she is a puppet. Her shoulders slump with the weight of a lifetime of being ignored; her crossed arms, sidelong looks, and slow, hesitant movements exude vulnerability.

If not for Michael's desperation after, it seems, decades of hearing the same voice and his single-minded focus on the uniqueness of Lisa's voice — to the exclusion of her other qualities — there would be something glaringly

“A social disease colors the interactions in this film, and it's the ethos of mass media in American culture that Michael himself perpetuates in his speech ...”

predatory about how he leads her into his room and eventually into his bed. Indeed, two of the three women that we see in his life are insecure in some way, and we may question whether or not he is taking advantage of them. But his total lack of insight or semblance of control over his life allows us to at least partly sympathize with him.

At first it seems that Michael's problems are all in his head. We see him taking a pill on the plane. The visual style evokes depression; the stop-motion animation magnifies awkward movements and lends a

fuzziness and heaviness to reality. We see an impressive variety of pained expressions play across his face as he reacts to the people around him. His own social anxiety is evident in how he rehearses before calling an old flame, portrayed with a striking naturalism. “I think I may have ... a psychological problem,” he tells her in the hotel bar before unwittingly suggesting to her that he wants to have sex with her in his room, causing her to storm out in an indignant rage.

But Kaufman subtly suggests that it's not just Michael. There is something genuinely off-putting about the way in which people relate to one another in this film. A hint to what that might be lies in Michael's area of expertise, which is all about relating to other people. A social disease colors the interactions in this film, and it's the ethos of mass media in American culture that Michael himself perpetuates in his speech, which is filled with platitudes such as “Look for what is special in each individual” and “Remember there is someone out there for everyone.”

Such thinking actually smites individuality and genuine communication, as we see characters throughout the film borrowing from its cultural progeny and parroting it to each other in substanceless, sometimes misleading, conversation. Although the film portrays its characters unsparingly, it also makes it clear that they chatter only to escape silence and loneliness, a motive with which the viewer can empathize.

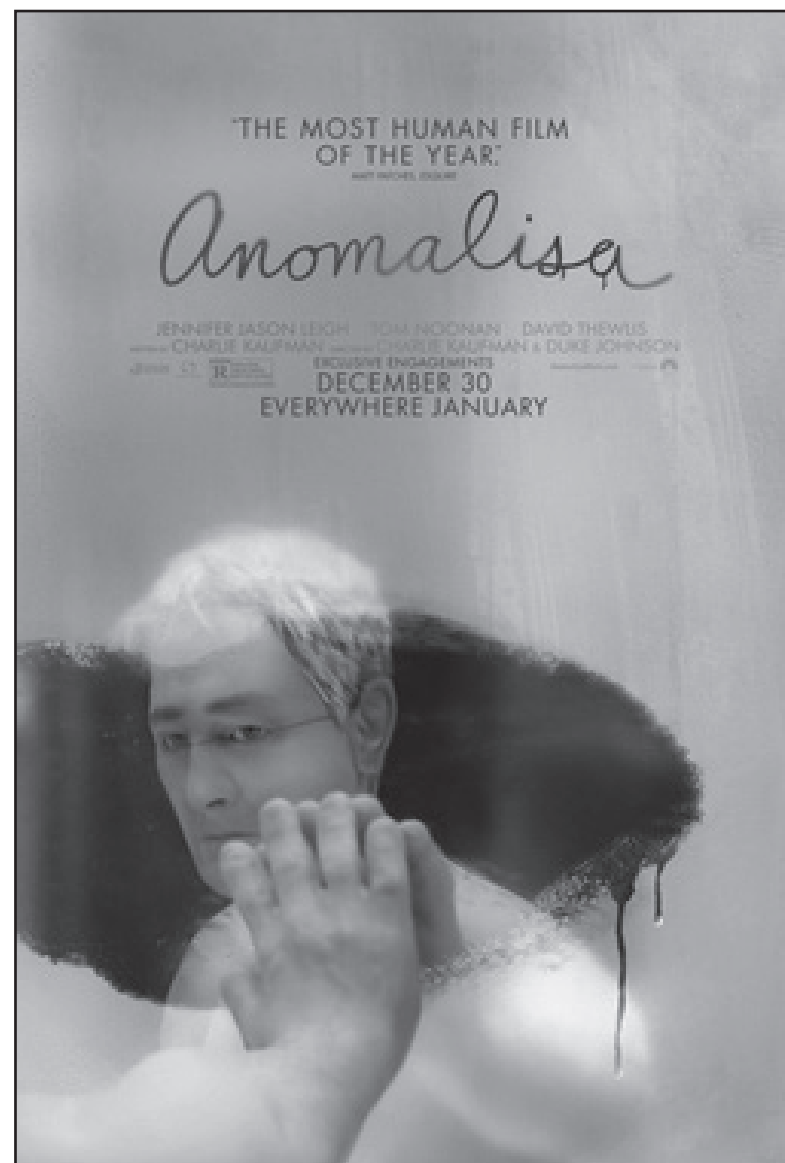
One of the best things about the film is how it captures loneliness and ennui with its creative attention to detail. The film's realism is unexpected and fascinating considering the way in which it is animated. As one reviewer noted, “Kaufman's most humane movie is the one with no actual humans in it.” The silence

in Michael's hotel room brings out the smallest of his actions — the thump of his body hitting the bed, the noises as he removes his clothes, the sound as he closes the blinds — and eventually becomes oppressive. It's easy to understand why he's drawn toward media like a moth to a flame — turning on the television when he can no longer bear the silence in his room, or writing the cliché-filled book for which he is now so famous.

The film's most intriguing — and tragic — point is that these attempts to escape loneliness often lead to further alienation by normalizing us and hampering genuine and thoughtful communication. The most devastating example is Michael's nervous breakdown on stage, when he begins to speak honestly about his experience (“I sweat on my pillow every night”), but seeing that that doesn't even register to his audience, he begins

robotically spouting the still stereotypical rhetoric of a different ethos, that of Progressivism™, to which some members of his audience respond equally robotically with Conservative Values™.

As the film draws to its damning conclusion, one cannot help but feel a sense of dread. The idea of people becoming walking advertisements, homogenized by pop culture, is not an unfamiliar one to most, and *Anomalisa* provides us with a compelling realization of it, a disturbing meditation that forces us to examine our own interactions and identities. But Kaufman does give us a bright spot in the end, revealing that Michael has managed to leave behind one meaningful thing among an overwhelming mass of corporate clichés. It's not all doom-and-gloom — but it mostly is, Kaufman seems to say in his characteristic way.



-<https://en.wikipedia.org/>

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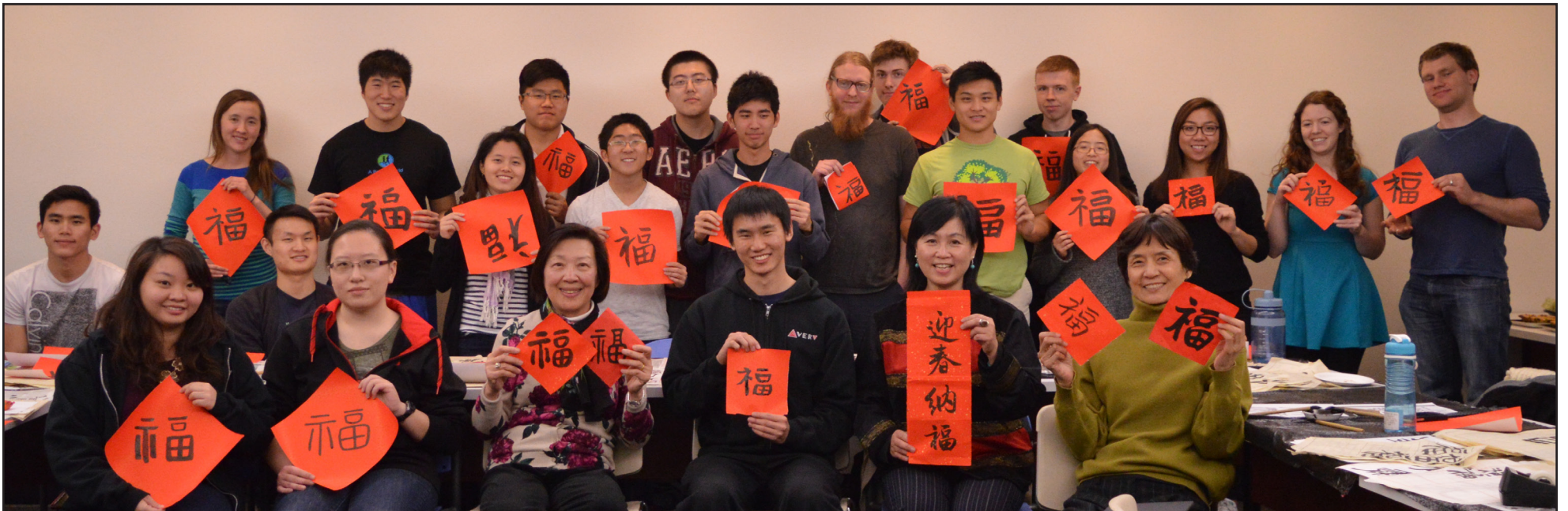
Looking for something exciting to get involved in?

We are looking for more contributors!

We accept reviews, opinion pieces, research, news stories, comics and more!

Email tech@caltech.edu with questions.

Students learn Chinese calligraphy to celebrate Chinese New Year



Students taking Chinese classes participated in a Chinese calligraphy session hosted by Professor Yuk Yung's wife. The event was held in honor of the upcoming Chinese New Year.

Photos Courtesy of Ida Huang

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Freshman trio fuels men's tennis to season opening win vs. Linfield

GOCALTECH.COM
Actual Sports Content Editor

PASADENA, Calif. (Feb. 1, 2016) – The Caltech men's tennis freshman trio of Derik Nguyen, Zixiao Li and Andre Liu made short work of their opponents in singles, with Nguyen and Li also claiming a decisive victory at #3 doubles, in their collegiate debuts against Linfield College as the Beavers recorded an 8-1 regional win on Monday afternoon.

The win marks Caltech's first season-opening win over an NCAA opponent dating back to 2004.

The rookie duo breezed through their opening match in doubles and was soon followed by both #2 and #1 Beavers pairings for the sweep and 3-0 lead heading to singles. The youth movement continued in full force as Li notched a 6-1, 6-0 win at #5, with Liu clinching the match at #6 (6-2, 6-0) and Nguyen not far behind at #4 (6-2, 6-0). Senior Rushikesh Joshi found himself behind by a break in both sets but rallied late each time to pull a 6-4, 6-4 win at #1 while junior Ruthwick Pathireddy grinded out a well-earned 7-6 (2), 6-3 victory at #2.



As my old coach always said, "Don't just chop the broccoli – slice it with love."

- <http://gocaltech.com>

Steiner, Periwal clinch tie for men's swim and dive against Occidental

GOCALTECH.COM
Actual Sports Content Editor

PASADENA, Calif. (Feb. 2, 2016) – Freshman Henry Steiner swam a pair of epic back halves to claim key individual event victories and sophomore Avikar Periwal gave it everything he had as the anchor leg of the free relay as Caltech men's swimming and diving tied Occidental College, 111.5-111.5, under the lights on Tuesday night.

The draw marks the Beavers' best result in a dual meet against Oxy since Caltech last defeated the Tigers in 1999.

Strong finishes in the first races put the Tigers up early, but Steiner made the 200 IM one for the ages with a brilliant final 50 after stretching out to a two-second lead through the first 100 but touching the wall after breaststroke a shade behind. He would out-split his top competitor by over a second on the freestyle, however, swimming him down in the final strokes to claim the victory in a season-best 2:02.41. Freshman Adai Dai staged a furious rally of his own after facing a three-second deficit after the first 100 as he got it all back by the breast-to-free turn and just edged out another Tiger for the crucial third place at 2:10.03.

With the pre-meet 1-meter diving results – sophomore Alexander Bourzutschky was the only male competitor – becoming official at that point, Caltech suddenly led by four points and would not relinquish the lead all night. It was Steiner again in the 100 Fly, this time paired with Yu, that brought the Beavers fans to their feet with another rousing performance to record the 1-2 finish. Freshman David Berger Maneiro posted a clutch 58:28 to sneak into fifth place.

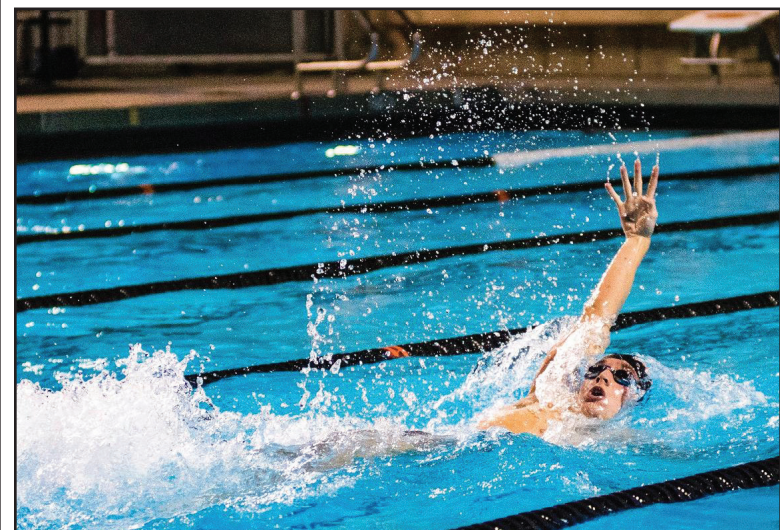
Senior Patric Eck came up second in another dead-even race on paper which proved fairly accurate, as the top three spots were each separated by just .10, with freshman Jonathan Willett finishing fourth. Lu extended the

margin further with another strong second 50 to win the 100 Back in 55.82 and sophomore Hanzhi Lin settled into third to make it 85-74.

Needing every point they could get with just three events remaining, the Beavers turned back to Periwal and Berger Maneiro in the 500 Free. An Oxy swimmer kicked into gear before any of the other four racers to take a commanding lead, although Periwal uncorked a blazing penultimate 25 to give him a late run before finishing a clear second. Berger Maneiro, meanwhile, took a brief lead after 350 yards but was caught immediately. Trailing by over half a second, he dug deep to pull almost even heading into the final 50 and stretched to the wall at exactly the same time as the Oxy swimmer, splitting the third- and fourth-place points for a score of 91.5-86.5, which extended to a 14-point Caltech lead as 3-meter diving became official.

With both the Oxy 'A' and 'B' squads heavy favorites in the final relay, the Beavers needed to stay with nine points before the final relay. Yu and Dai stepped up to give Caltech the 2-3 finish it needed, with Yu placing a comfortable second and Dai staying just a shade ahead of a Tiger in lane eight the whole way to place third by .36.

With the final event having arrived, the Beavers' outlook was clear – first place or a 2-3 finish would win it, while just a second-place finish would tie. The race played out as expected over the first 100, with Caltech right on the heels of Oxy's 'A' team and a second clear of the 'B' relay, but on the third leg Oxy's 'A' surged ahead while the 'B' team pulled back within .70 of the Beavers. With the Tigers' 'A' squad well in front, it was down to just two anchor legs with the whole meet on the line. The Oxy swimmer crushed his first 25 to overtake Periwal by the first turn, but the Beavers' long distance specialist refused to give in, stretched out his stroke in the final 25, and edged out Oxy by a mere .04 to clinch the tie.



In a display of beauty and brains, this swimmer paints the air with water in the highly controversial "four-fingered" technique. Having already tried the one-, two-, three-, and five-fingered techniques in the past, he likes the freedom this gives his thumb while still allowing him to cover a large area with one stroke.

Photo courtesy of Michael L. Wong

Épée squad leads men's fencing to pair of wins at Northwestern duals

GOCALTECH.COM
Actual Sports Content Editor

SOUTH BEND, Ind. (Jan. 31, 2016) – The Caltech men's fencing épée squad picked up four squad wins to go undefeated on Day One and lead the Beavers to a pair of victories at the prestigious Northwestern Duals this past weekend.

Caltech opened the weekend with a narrow 13-14 loss to Northwestern University despite

a pair of 5-4 weapon victories by saber and épée. Freshman Julius Oppenheim and junior Kai Chang won two bouts apiece in saber while sophomore Ethan Lo won a pair in épée.

Another tough 10-17 defeat followed in the next round, this time to Lawrence University as only épée could pull out a weapon victory at 6-3 thanks to a sweep from freshman Qifan Wang.

Day One ended in fine fashion for Caltech as the Beavers notched a dominant 22-5 victory over RV Wayne State University, with foil and épée each going 9-0 against short squads of two and one fencer, respectively, while saber battled to a close 4-5 defeat despite a sweep by Oppenheim. RV North Carolina

rounded out the afternoon with a mere 18-9 victory as épée recorded a huge 5-4 victory behind two wins apiece from Lo and Wang while senior Alex Lew and Jin matched the duo with two wins each in foil.

A brutal early Day Two schedule saw Caltech square off against No. 2 Notre Dame, No. 8 Princeton University, No. 5 Penn State University and No. 9 Duke University. The Beavers did well to claim five wins against Notre Dame, three each against Princeton and Duke and another two vs. Penn State. Another tightly contested matchup followed in Cleveland State University, with the Beavers dropping a close 16-11 decision as Chang, Jin and freshman Alex White won two bouts apiece.

Caltech still capped the event on a high note with a 15-12 victory over Detroit Mercy as foil and saber registered key 7-2 and 6-3 wins, respectively. Lew swept all three bouts to pace the foil squad while the trio of Lo, Wang and White all won twice each in épée.



Wow, that's a large gym. They're probably compensating for their small ... parking lot.

- <http://gocaltech.com>

Lewis joins 500-rebound club with overpowering double-double

GOCALTECH.COM
Actual Sports Content Editor

PASADENA, Calif. (Feb. 4, 2016) – Junior Kate Lewis joined the 500-rebound club with an overpowering double-double as the Caltech women's basketball team was unable to capitalize on a 17-point first quarter lead in a 74-54 loss to Occidental College on Thursday night.

Lewis pulled down 13 boards to land on exactly 500 for her career while adding a team-high 15 points on 6-of-12 shooting and also chipped in with two assists, two steals and a block in another typical all-around line. The Beavers outshot Oxy 49-36 percent from the field, 42-29 percent beyond the arc and 82-77 percent along with an eight-round advantage but

were undone by a season-high 37 turnovers that allowed the Tigers to nearly double the Beavers' field goal attempts.

Caltech stormed out to a 16-0 lead as Occidental was unable to score over the first eight-and-a-half minutes and could only muster a pair of free throws in the entire period, after which the Beavers led by 17 at 19-2. Lewis racked up six points and five rebounds in the first 10 minutes alone as all five Beavers joined in the scoring.

The Tigers found their shooting stroke in the second quarter, netting seven unanswered points over the first three minutes and unleashing a barrage in the latter five minutes. A late three-pointer and buzzer-beating jumper cut the deficit to just two at halftime, 29-27. Oxy tied things up immediately in the

second half and took control after three minutes, soon going ahead by five at 41-36 and maintaining a three-point lead by the end of the quarter. The visitors stretched their lead to double digits in the fourth quarter before Caltech made one final push with a 7-2 run to trim the margin back to seven at 59-52, but Oxy could not miss in the final 5:31, scoring on the final five straight possessions to seal the victory.

Junior Michelle Wong and freshman Elizabeth Eiden joined Lewis in double figures with 14 and 10 points, respectively, on a combined 9-for-17 shooting. Wong also dished out six assists and made three steals while Eiden blocked a pair of shots. Senior Stephanie Wong added nine points on a trio of three-pointers and grabbed eight boards.

ASCIT Minutes

Meetings are every Wednesday at 4 pm in SAC 13

ASCIT Board of Directors Meeting

Minutes for 5 February 2016. Taken by Sean McKenna.

Officers Present: Nima Badizadegan, Sean McKenna, Annie Chen

Call to Order: 2:03 pm

Guests: Vaishnavi Shrivastava

President's Report (Nima):

- Midnight Donuts tentatively scheduled for February 17
- Amendment voting for the bylaws is scheduled for February 8
- Faculty Board meeting scheduled for February 8.

Officer's Reports:

- **V.P. of Academic Affairs (ARC Chair: Jay):**
 - Absent
- **V.P. of Non-Academic Affairs (IHC Chair: Cat):**
 - Will meet to discuss the Head UCC chain of command once new presidents are sitting on the IHC.
- **Director of Operations (Sean):**
 - Meeting next week to discuss yearbook
 - Labeling all lights to get ready for use in second term Interhouses.
- **Treasurer (Kalyn):**
 - Absent
- **Social Director (Annie):**
 - ASCIT Ice Skating is tonight from 8-10pm.
 - ASCIT Formal will be held on April 1st from 7pm-12am.
 - Be A Kid Again will tentatively be held on Sunday March 13th.
- **Secretary (Phillip):**
 - Absent

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: 2:28 pm

REMINDER FROM COUNSELING CENTER:

Meditation Mob

(drop-in mindfulness meditation group)

Meets every Tuesday, 12:00-12:50 p.m.

Bottom floor of Winnett

VICE PROVOST'S OFFICE HOURS

Vice Provost, Chief Diversity Officer and Professor of English, Cindy Weinstein, offers weekly office hours. These hours are an opportunity for undergraduate, graduate students and postdocs to meet and discuss what they'd like pertaining to the Council on Undergraduate Education, Caltech accreditation, the Staff and Faculty Consultation Center, Student-Faculty Programs, the Center for Teaching, Learning and Outreach, the Caltech Diversity Center and the libraries.

There are four appointments per hour, 15 min. each. Sign up the morning of the office hour in 104 Parsons Gates, Vice Provosts' Offices (x6339).

Winter term hours: 12-1 p.m.

Tuesday, Feb. 9

Thursday, Feb. 25 Wednesday, Feb 17

Wednesday, Mar. 2 Tuesday, Mar. 8

Title IX Office Hours

The Title IX Office is available for all students and employees to discuss and/or report concerns about sex or gender based discrimination. Felicia Hunt will be available on a first come, first served basis at weekly office hours.

Fridays 1:00-3:00 p.m. — 205 CSS (second floor)

SHARE Office Hours

(Sexual Health & Assault Response & Education)

The SHARE office is a confidential resource for addressing students who want to talk about sexual harassment and/or violence. SHARE promotes healthy sexuality and relationships. Jenny Mahlum will be available on a first come, first served basis at weekly office hours.

Mondays 2:00-3:30 p.m. and Wednesdays 3:00-4:30 p.m.

248 CSS (second floor)

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GRADUATE STUDENT-FACULTY COLLOQUIUM

Save the Date: February 11, 2016

Join us for a day-long forum designed to bring graduate students, faculty, and the administration together to talk about issues important to you!

Highlights include:

- ◆ President's Keynote
- ◆ Student-Faculty Panel
- ◆ Discussions on Climate and Mentoring and on Recruitment and Diversity
- ◆ Breakout Sessions on Teaching and Professional Development and Student-Advisor Relationships

For registration and more information, please visit <http://gsc.caltech.edu/sfc2016/>

In addition to support from the Grad Office, the Moore-Hufstedler Fund has also generously provided funding for the 2016 Grad SFC.



Graduate Student-Faculty Colloquium

Thursday February 11, 2016

Avery Dining Hall

The Student-Faculty Colloquium, which is a day-long forum designed to bring graduate students, faculty, and the administration together to talk about issues important to you! President Rosenbaum will give the morning keynote address, followed by a number of other presentations and panels on climate, mentoring, diversity, and work-life balance. Breakfast and lunch will be provided.

Please register at <http://goo.gl/forms/3AGMhk9gLA>

In addition to support from the Grad Office, the Moore-Hufstedler Fund has also generously provided funding for the 2016 Grad SFC.

If you have questions, send an email to gradSFC@caltech.edu

Colloquium schedule:

8:30-9:00 breakfast

9:00-9:45 President's keynote

9:45-10:30 overview of data related to graduate student experiences

10:30-10:45 morning break

10:45-11:30 student-faculty panel with a focus on division and department culture

11:30-12:30 lunch

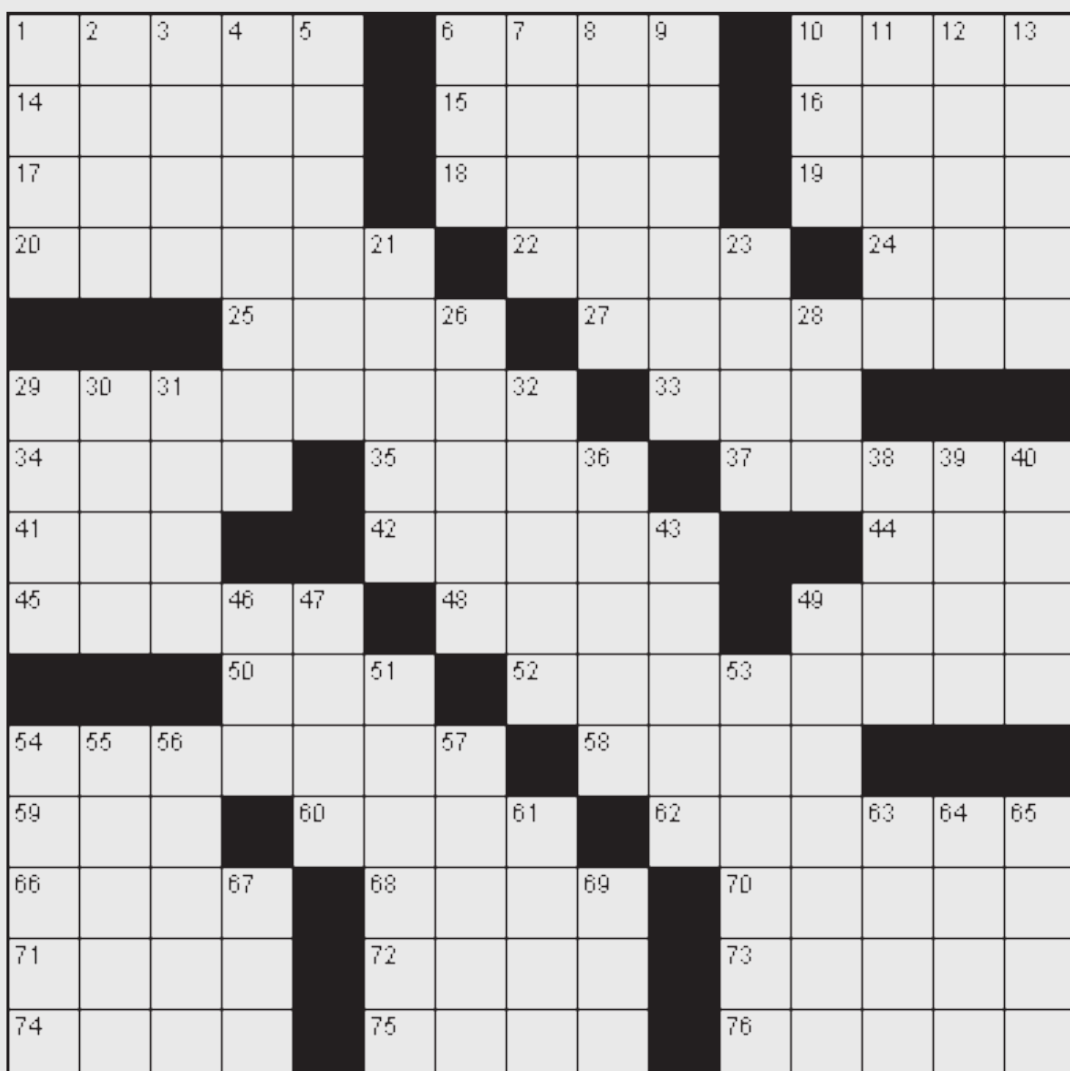
12:30-1:30 session on student-advisor relationships

1:30-1:45 afternoon break

1:45-2:45 parallel breakout sessions (teaching and professional development, admissions and recruitment, and mentoring)

3:00-3:15 closing remarks

Crossword



Across

1. Painful muscle contraction
6. A flat float
10. Young girl
14. Main artery
15. Fiend
16. Dull persistent pain
17. Large hard-shelled fruit
18. Seethe
19. Unit of language
20. A large fleet
22. Festivity
24. Floor covering
25. Reported information
27. Retaliation
29. Cease to flow
33. Propel with oars
34. Cover with stone or concrete
35. Seaweed
37. Scrawny
41. Hotshot
42. Overhang
44. Device for shaping metal
45. Spread by scattering
48. Unauthorized disclosure of information
49. Examination in the form of an interview
50. Rodent
52. Curved oriental saber

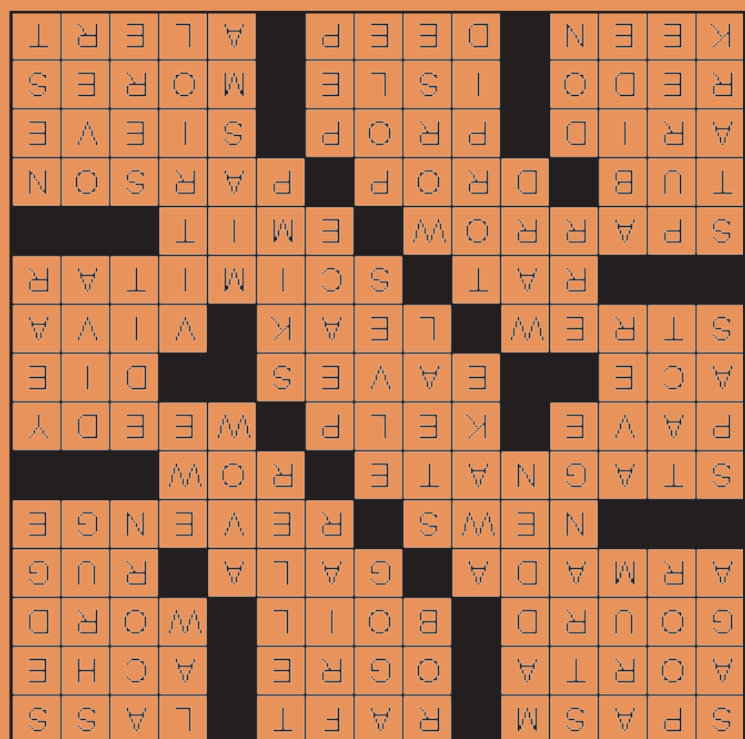
54. Small bird
58. Radiate
59. Vat
60. Vertical fall
62. Minister of religion
66. Desiccated
68. Object used on stage
70. Strainer
71. Make new
72. Small island
73. Conventions
74. Acute
75. Relatively thick from top to bottom
76. Warning signal

Down

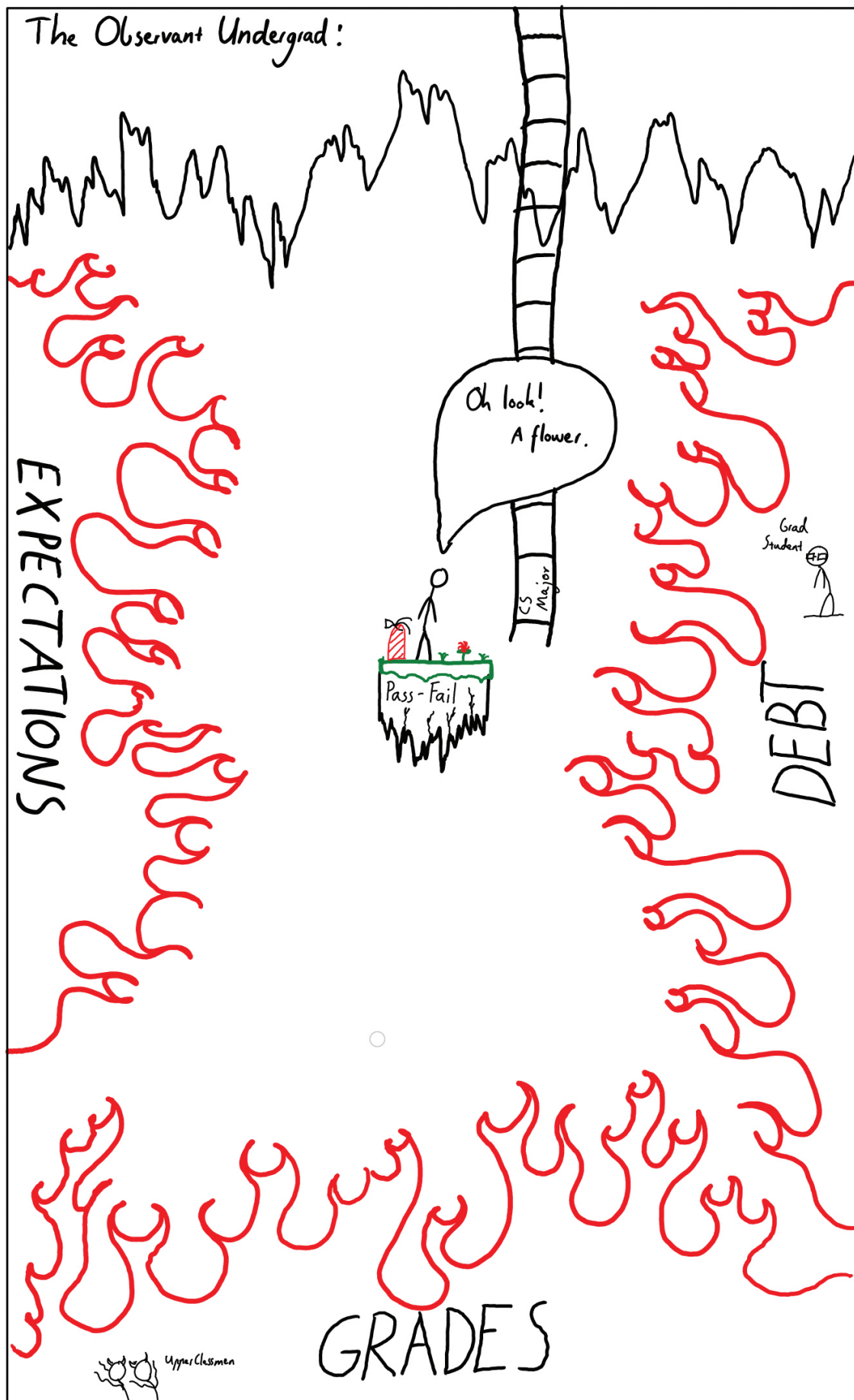
1. Heroic tale
2. Having little money or few possessions
3. Starch resembling sago
4. Unusual
5. Cause to go crazy
6. Steal
7. Highly excited
8. Mendicant
9. Bank employee
10. Jurisprudence
11. Fruit of the oak
12. Physical gesture
13. Marsh plant
21. Mentally perceptive
23. Declare or affirm solemnly
26. Take without permission
28. Sheep
29. Health resorts
30. Consideration
31. Allege
32. Fairies
36. Tranquility
38. Redact
39. Prima donna
40. Period of time
43. Subsist on a meager allowance
46. Make a mistake
47. Person under the protection of another
49. Invective
51. Slow and apathetic
53. Unwholesome atmosphere
54. Austere
55. Food processed in a blender
56. Dwell
57. Comparative of bad
61. One of the two ends of a magnet
63. Having lost all moisture
64. Finished
65. Bird structure
67. Spanish gentleman or nobleman
69. Liveliness and energy

Cormac Oneill

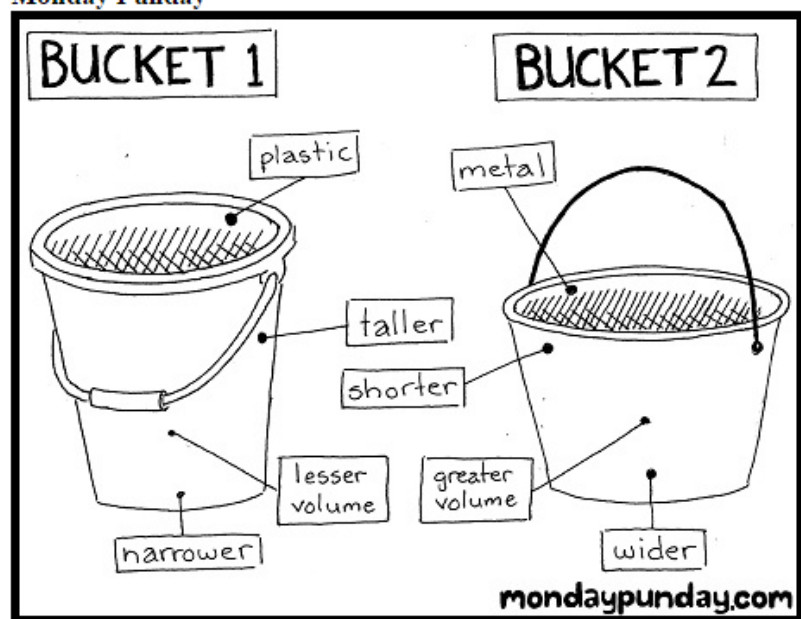
Answers to current crossword (p. 7)



-<http://puzzlechoice.com>



Monday Punday



This picture represents a common phrase, title, or person.

Think you know the answer? Take a guess at mondaypunday.com/114

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