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## Is *Boldly Go!* bold enough? Why I love this show, and why it fails me as a woman

ELISE CUTTS  
Contributing Writer

*Space, the final frontier. These are the voyages of the Starship Enterprise. Trekkies the world over know these words by heart, and those that follow: Her five-year mission: to explore strange new worlds, to seek out new life and new civilizations, to boldly go where no man has gone before ...*

Except that now, the classic opening is delivered not by William Shatner in his unmistakable start-and-stop cadence, but under the stage lights by a new captain: Caltech graduate student Kelvin Bates. *Enterprise's* onstage mission? To explore not strange new worlds, but "brand new songs," to seek out "new audiences," and, ambitiously, "maybe even

a Tony ... to boldly go where no musical has gone before."

*Boldly Go!*, which opened Feb. 26 in Caltech's Ramo auditorium, closed out its seven-show run with a standing ovation at the end of Saturday's sold out performance. In the first weekend of shows alone, over 900 people joined the intrepid crew of the *Enterprise* and the cadets of the Klingon Diplomatic Corps for a show that writers Grant and Cole Remmen describe as a "side-splitting tour de force of musical mayhem," but is perhaps more accurately described as something of a spiritual experience for science fiction aficionados. For many of the cast members, this is certainly the case. *Star Trek* is as close to an organized religion as I have ever come (and if you doubt

the "organized" bit of that description, you don't know enough about fandom culture). Many of us, including freshman Clara MacFarland (*Enterprise* crew), graduate student Michael Wong (Sulu) and me (Redshirt Chorus), only auditioned for *Boldly Go!* because it was *Star Trek*. Given that Caltech theater productions rarely, if ever, attract enough popular demand to warrant adding another show date to accommodate the crowds, as *Boldly Go!* did last Wednesday, it's reasonable to think that theatergoers were attracted to *Boldly Go!* for the same reason the cast was: the cultural phenomenon of *Star Trek*.

The original *Star Trek* television series, now referred to as *The Original Series* or *TOS*, debuted in 1966 and ran

for three years on NBC before being discontinued in 1969. What was so special about *TOS* wasn't just that it was one of the first truly mainstream science fiction series to hit the airwaves, but that it also did something *no* television show had effectively done before: explore challenging, contemporary social issues without the audience realizing they'd been taken along for the ride. Television, for perhaps the first time, was questioning social norms instead of reinforcing them, and managed to be successful anyways. Audiences who tuned in to *Star Trek* saw visions of a future where women worked alongside men in the military, where differences were sought out and cherished instead of feared and where a white captain could

kiss his black communications officer without concern for their race — visions dramatically different than the reality of the 1960s. Kirk, Spock and the rest of the *Enterprise* crew really were going boldly where no one had gone before, at least when it came to the place media held in the American experience. Future incarnations of the *Star Trek* franchise continued and even furthered the tradition of social inquiry set by *TOS*, addressing the important issues of their respective times.

Of course, *Star Trek* didn't get everything right. Although women served onboard the *Enterprise*, they often did so in subservient capacities. Lt. Uhura was the only recurring named female character of rank,

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## News briefs from around the globe

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

### Zootopia brings in top box office earnings for the weekend

\$73.7M marks a new record for Disney Animation three-day debut [TIME]

### New glass-enclosed slide to open in downtown LA skyscraper

1,000 feet above the ground, 45-foot long "Skyslide" will open in June [TIME]

### Scott Kelly returns to Earth after year in space

340 days marks American record for longest unbroken stay in space [TIME]

### Former First Lady Nancy Reagan passes away

94-year-old died from congestive heart failure, remembered by many for redefining role of First Lady [CNN]

### Founder of email, Ray Tomlinson, dies from heart attack

74-year-old credited with founding email, began working on it in 1970s [TIME]

### Refugees stranded at borders of Greece after new rules enacted

12k people left in just one of the border towns, Idomeni, as more European countries decided to close their borders [CNN]

### North Korea threatens US and South Korea with nuclear air strikes

300k personnel involved in training exercises to prepare attacks on U.S., S. Korea [BBC]

## An open letter to the Caltech community: On school spirit

BETSY MITCHELL  
Director of Athletics, Physical Education and Recreation

Thank you, Beaver Nation!

Wow! We yelled ... ORANGE and you responded ... OUT! Thank you to the Caltech community for supporting our athletic teams this year and for jumping on the Beaver Bandwagon! The Orange Out events so far this year, co-sponsored by the Student-Athlete Advisory Committee and the Department of Athletics, Physical Education and Recreation, with help from Student Activities and Dining Services, were fantastic, fun and food filled. While you might have come for the pumpkin carving, T-shirt or free food, you stayed to watch, cheer and support your housemates, classmates and our community. These were great gathering points, which, while social and spirited, were also — importantly — symbolic.

About 20 percent of Caltech undergraduate students are varsity student-athletes on one or more of our 19 teams. The importance for each of them in preparing, competing and learning through the very public laboratory of athletics is tangible. Sharing their joy of play through spectating and cheering is also a fun and entertaining activity that brings us all together. Developing a positive community spirit is an added value

and one that is so easy; cheering for others provides a stress-free way to enjoy a beautiful day and contributes to the cause. In many contests, providing a home field advantage through cheering helps our student-athletes to their best possible performance. Whether competing for a team, cheering on your classmates, taking a physical education course or joining the gym with your family, an active and balanced lifestyle adds positive benefits to your life! Please remember when cheering to keep it LOUD, PROUD and POSITIVE, reflective of our integrity and community values through our sportsmanship.

There are three more ORANGE OUT events scheduled for this academic year (if you missed any of the first 10...): Sunday, March 30 — Women's Water Polo, Saturday, April 15 — Baseball and Men's Tennis. Come and help PROTECT THE LODGE!

I sincerely hope to see you there! Come for the T-shirt and food, stay for your friends and our teams; your support makes a difference as our teams continue to improve! Remember to wear a little ORANGE every day!

Go Beavers!  
Betsy Mitchell,  
Director of Athletics, Physical Education and Recreation

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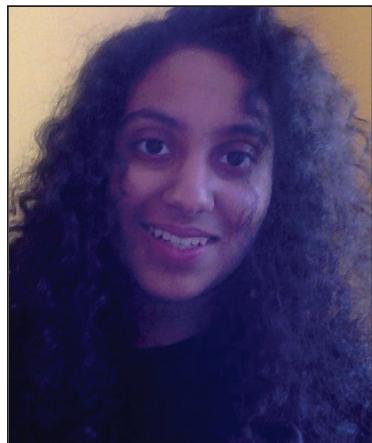
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# Off-Campus BoC Rep (2 candidates)



**ANUSHA NATHAN**  
Off-Campus BoC Rep  
Candidate

I didn't know much about the Honor Code before committing to Caltech, so I'm not going to assert that it was one of the reasons I chose Caltech. However, after being here for almost two years, I've come to appreciate the intricacies of the honor system and our trial procedures. It is really quite admirable that the Institute places enough trust in the students to both establish and ensure the rightful enforcing of our Honor Code.

As a member of the ARC for about a year and a half, I have had the opportunity to act as an intermediary between students, faculty, and administration. I

would like to expand this role by interacting with defendants and being a part of our academic, legal process. The Honor Code is not just a privilege; it is a necessity here at Caltech, and it is a liberty I would like to be a part of maintaining. For these reasons, I believe I'd be a fair judge of character and an excellent representative on the BoC.



**VAISHNAVI SHRIVASTAVA**  
Off-Campus BoC Rep  
Candidate

Hi Everyone!

My name is Vaishnavi Shrivastava and I am running to be your Off-Campus BoC Representative. Over the past months as a Caltech student, I have

received a great deal of support from all members of the Caltech community, as I transition into life as college student. I deeply feel that there is no better way for me to give back to Caltech than by being your Off-Campus BoC Rep.

As a Caltech student I have learned that the Honor Code is truly what makes Caltech so amazing and exceptional. The level of support, trust, and collaboration that the honor code fosters is unprecedented. The honor code gives us the confidence that no matter how difficult Caltech is, we're all in this together, no one has to face this alone. With my love and respect for the honor code comes my strong desire to protect it. A violation of the honor code is not only a disrespect to all Caltech students, but also to the system of trust Caltech has created. If elected Off-Campus BoC Rep, I will always consider it my foremost duty to protect the honor code, without which Caltech as we know it could not exist.

The Off-Campus BoC Rep is a member of the Board of Control and sits on BoC cases. I fully understand the immense responsibility of this position. In high school, I was a member of the

ASB (Associated Student Body) of the school, and voted on many decisions of critical importance for the entire school. I know the significance a vote carries in the outcome of a case, and I will never cast my vote in a BoC case without being informed of all evidence and charges, and fully understanding both sides of the case. In addition,

if I ever feel unable to render an unbiased judgment on a case for any reason, I will immediately disqualify myself from sitting on the case. In the event that an honor code violation has occurred, I will focus both on nullifying the advantage that has been taken and protecting Caltech from future violations.

On the flip side, a BoC representative must also be sensitive to the situation of the defendant, who is likely to be worried and confused about the proceeding. As a caring and approachable person, I am fully qualified to be the defendant's assistant representative, the Board member the defendant can openly discuss questions and concerns with. I understand the difficulty of the defendant's position and as the defendant's assistant representative, I will support them and strive to make the proceeding

is as stress-free as possible. I also understand the importance of protecting the defendant's privacy and will maintain full confidentiality, never disclosing any information from a BoC case or investigation. Furthermore, knowing the significance of a BoC conviction for the defendant, I will make it my utmost duty to ensure that all BoC proceedings are carried out fairly.

The position of Off-Campus BoC Rep is also extremely important to me because I will be able to serve as a representative for all off-campus students. Since off-campus students live outside house system, dealing with BoC cases and addressing questions and concerns regarding the BoC can often be even more difficult. If elected Off-Campus BoC Rep, I will always make myself easily available as a resource to address any questions or concerns students have regarding BoC proceedings, policies, or the honor code. In the event of a BoC trial, I will be someone off-campus students can come to for support.

I would be truly honored to serve as your Off-Campus BoC representative. Thank you for taking the time to read my statement of candidacy, and please vote for me in the Off-Campus BoC Rep election!

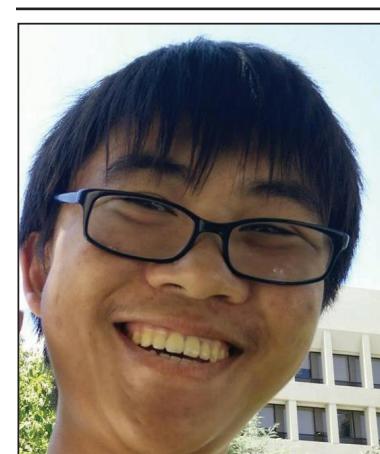
# Off-Campus CRC Rep (4 candidates)



**WILLIAM LAKE**  
Off-Campus CRC Rep  
Candidate

Hi everyone! As we all know, the honor code is an integral part of our campus community, allowing us many freedoms that are not granted to students at other schools. The freedoms and trust that it permits are my favorite thing about this school, and the part of it I would most like to protect. As

Off-Campus CRC rep, I would strive to defend the freedoms that this campus enjoys, and to protect the honor code. Thank you.

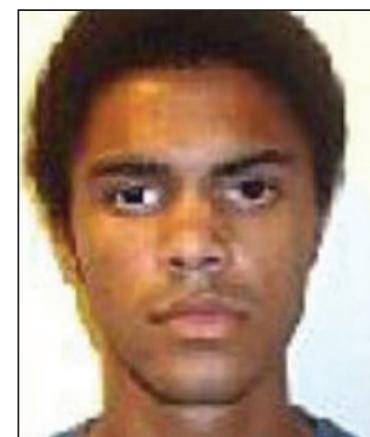


**CODY LIM**  
Off-Campus CRC Rep  
Candidate

Ever since I first heard about Caltech, I was fascinated by the

concept of the honor code, and the fact that Caltech actually trusts its students to make good decisions, unlike most other colleges. When I first heard about the CRC, I initially didn't know too much about it and what it did. However, when I learned more from talking with CRC Reps about how the CRC helps to uphold the honor code, I knew that I wanted to be a member of the CRC. In addition, I also want to use the skills I gained from being a Frosh ARC Rep listening to people's concerns, as I want to be available for people to talk to and ask questions to in case they have to be tried before the CRC. Being tried for an honor code violation is a pretty scary experience, even if you're completely innocent, so I want to help people feel calm and prepared before entering a CRC case. These values of promoting the honor code in everyday life in a compassionate manner are what I

would embody as off-campus CRC Rep.



**BEN CALVIN**  
Off-Campus CRC Rep  
Candidate

The inherent trust within this community is really an important part of the undergrad life here at Caltech. I want to be on the CRC to protect this trust and help keep

people safe, both in mind and body. I want to work with the Deans and the rest of the CRC to help enforce the honor code in the non-academic life at Caltech, and there is a line between having fun with people and breaking the honor code.



**JACOB ABRAHAMS**  
Off-Campus CRC Rep  
Candidate

(No statement submitted)

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# The not so subtle misogyny of Caltech's unprecedented musical hit

*Continued from page 1*

and the ladies of *Star Trek* wore ridiculous miniskirts until the uniforms got a much-needed revamp in subsequent series. And, while Kirk and Uhura did share one of television's first onscreen interracial kisses, they did so under the influence of an alien with mind control powers — not exactly representative of real, loving relationships between mixed-race couples. In any case, *Star Trek* at least tried to challenge social norms, which was something that made it different from nearly everything else on the air.

What is so amazing is that despite its controversial nature, *Star Trek* is so unanimously loved. There are *Star Trek* fans that "feel the Bern" and *Star Trek* fans that want to "make America great again." There are Trekkies that watched the series when it first came out in '66, and there are those like me who only discovered the series after the 2009 reboot film. *Star Trek* is something that parents pass down to their kids, something that transcends generation. I can still remember watching my first episode of *TOS* with my mom, who watched the pilot premier in the '60s. Last Sunday, Ramo was packed with theatergoers of all ages, even though matinee shows usually only attract older audiences. For *Boldly Go!*, families came together: three generations of *Star Trek* fans sat side by side, wearing *Star Trek* T-shirts, and watched a show that belonged equally to each of them.

And really, this show does try to appeal to everyone. The leads deliver obscure *Star Trek* references to cater to the die-hard, adult Trekkie crowd right alongside poop jokes that delight the kids in the audience (and, admittedly, everyone else). Songs range from serious and inspiring, like Holly Bender's performance of "In Any Case" as Takya to the downright ridiculous comedy of Allen Corcoran's tongue-twisting, reference-littered solo, "Dammit Jim, I'm a Doctor," as McCoy. There are tearjerkers ("Live Long and Prosper") and tangos ("Warp Drive Tango"), shoo-wops ("And There You Were") and fosses ("The Vulcan Way"), gospel-esque whole cast numbers ("Take Us Out") and songs à la *Les Misérables*, complete with patriotic flag-waving ("The Needs of the Many"). Part of what makes *Boldly Go!* such a delight to watch is that it isn't just a *Star Trek* parody; it's a parody of musical theater in general. The show often breaks the fourth wall, with characters acknowledging that they're onstage, acknowledging how ridiculous it is that they break into song and dance, and

acknowledging how ridiculous the plot sometimes becomes. For the audience, it's like being in on one big inside joke with the cast, and for the cast, it's a joy to perform.

Where *Boldly Go!* fails, however, is carrying on the social tradition of *Star Trek*. As a parody, of course, nobody expects the show to be breaking boundaries, or even pushing them. But as a Trekkie, and as a woman, it's painful to see *Boldly Go!* take *Star Trek*, a franchise that is both close to my heart and uniquely progressive, and strip it of the vision it reached for in *TOS* and achieved in later series: a vision of female characters as equally compelling, interesting, and important as their male counterparts. Granted, *TOS* doesn't provide much in the way of source material for female characters. Of course, Lt. Uhura takes her usual spot on the *Enterprise* bridge in *Boldly Go!* as she does in *TOS*. Perhaps in an attempt to bring in more leading ladies, the writers brought in more obscure women from *TOS* like Christine Chapel and added Carol Marcus, who appeared only in the *Star Trek* feature films. The Remmen brothers even wrote in an original female character, Takya, an Andorian astrophysicist.

The case of Takya is especially interesting. She may have been written in with the intention of making her a "strong female character," that mythical creature that modern writers think fixes the gender problem in their works. Takya certainly is "strong," — she sasses the male characters, has a fierce intellect and is incredibly capable. In other words, Takya is what many fandoms would call a "Mary Sue," that is, a character who is perfect at everything she does and who has no flaws. These characters are never compelling because they aren't real. They don't have the flaws, motivations and character growth we see in good characters. And sadly, most "strong female characters" fall into this category.

But the biggest problem with Takya isn't her lack of character development. *Boldly Go!* is a parody, and comedy trumps character arcs, although many of the male characters do grow and change over the course of the musical. What's really wrong with Takya is that, even if we accept the "strong female character" as a valid character, she loses that "strength" as soon as she lays eyes on Spock. The audience sees Takya for the first time as she delivers a stirring vocal solo in which she resolves to save her colleagues and her scientific data, whatever the threat to her own safety. She's bold, capable and heroic. Then,

a few scenes later, the audience sees her for the second time, but this time as a giddy, love-struck girl doting over a man she just met. Any attempt at characterizing Takya as strong or independent is replaced with milking the comedy of her infatuation. She never regains the same presence as she had in the first scene, and is relegated to only appearing onstage to date on Mr. Spock.

Meanwhile, Spock, who certainly spends a good deal of onstage time addressing his attraction to Takya, spends a good deal more of it as a part of the numerous other plots and subplots woven into *Boldly Go!*. He goes away on a mission, explores his friendship with Kirk, and squabbles with Dr. McCoy. Even when he's focused on his relationship with Takya, Spock is developing, not regressing as she does. His newfound feelings force Spock to confront his human side and accept his emotions, something he couldn't do at the beginning of the show. In other words, Spock is a fully developed character for whom his romance is a factor contributing to his growth. The same cannot be said for Takya, or for any other female characters in *Boldly Go!*.

In fact, every named female character in *Boldly Go!* is a love interest. Even Lt. Uhura, who has a reason to be on the bridge other than clinging to a man's arm, is forced into a somewhat contrived, entirely unnecessary relationship with Scotty. The plot would have proceeded uninterrupted if they had just been crewmates — the songs wouldn't need revision, and only a few lines would need tweaking if this were the case — but the writers put her in a relationship anyway. Even though, in the original canon, Carol Marcus ends her relationship with Kirk after giving birth to their son and before Kirk assumes command of the *Enterprise*, *Boldly Go!* breaks the original timeline and brings her in so that the captain can have a love interest. My favorite couple from this show defies the original canon as well: McCoy and nurse Chapel find themselves falling in love in *Boldly Go!* even though they never once batted an eyelash at each other in *TOS*. Add to this that the only time any of these named women speak to each other is when Takya asks for some relationship advice from Chapel and Lt. Uhura, and it all sums up to a big problem.

But the named ladies of the *Enterprise* aren't the only symptom of sexist undertones in *Boldly Go!*. During nearly every scene on the ship's bridge, the male characters banter, ponder, argue and, most importantly, speak, from center stage with a complement

of four to eight women sitting at their stations, observing the action, throwing an occasional knowing glance Spock's way or rolling their eyes at Kirk, all the time in silence. That's right: there isn't even one single woman in *Boldly Go!*'s Starfleet crew that has a scripted line, excluding one exasperated "Are we there yet?" from Clara MacFarland's unnamed yeoman. Talking in this show is a men's club where women are welcome only as plus ones. Those ladies without a man's arm to cling to are relegated to little more than scenery pieces.

My character is a pretty dramatic example of how even the unnamed women of *Boldly Go!* don't get onstage except to back up the male-driven story. I played one of the four "Redshirt" chorus girls (so-called for the nameless red-shirted members of Kirk's *TOS* crew), who act half of the time as normal *Enterprise* crewmen and half of the time as backup singers and dancers for Spock and Takya's big love songs. In particular, I was the creepy one. Captain Kirk is famous for being a playboy, so it only made sense to throw in a nod to that canonical heritage despite his onstage relationship with Dr. Marcus. Enter me. The show starts with my Redshirt all but fainting with excitement upon handing Kirk a guitar so he can belt out "These Are the Voyages," and the fangirling doesn't end until the show does.

In bit after bit, my character's absolute obsession with the dashing Captain grows into an ongoing joke that culminates in the awkward delivery of Kirk's replacement shirt after he "accidentally" rips his original one during a scuffle with the Klingons. I'm not going to lie — I loved having something to do onstage other than sit by a console and pretend to press buttons all scene long, but if you can't see a problem with this character concept, I don't know how I can help you. It'd be one thing if this was an isolated incident in the show, but given that nearly every woman onstage is similarly only given a chance to act when there's a man to fawn over involved, my giddy Redshirt isn't a prod at Kirk's sliminess or at the fangirl trope; it's symptomatic of deeper underlying issues in the script.

Starfleet isn't the only no-girls-allowed club onstage. The Klingon Diplomatic Corps was written as exclusively male, women only grabbing bat'leths (weapons) and joining the ranks of the honored as the result of a y-chromosome deficit in the audition pool. I love the idea of lady Klingons, and I think the women who got cast in those roles did a heck of a job (shout-outs to Heidi

Klumpe and Marie Blatnik for being horrifying onstage in all the right ways). However, according to a number of people who were involved in the performed reading of *Boldly Go!* last year, women were originally precluded from playing Klingons entirely. There's no reason Karthak, Vhagos, Maltof, Durthog or Tagroth couldn't have been women, but alas, all of them were written as men. Outside of the Klingon Empire, Takya's lab assistant, Shrelan, was also written as male. Including the Klingon High Councilor (who has to be a man for canonical reasons), that means that *Boldly Go!* has a female-to-male ratio of 1-to-7 among original characters. That the overwhelming majority of the original characters in this show are male is indicative of a persistent issue among media makers: characters aren't female unless they have a *reason* to be, i.e., to be a love interest. Just think of your favorite popular movie. Odds are, most characters are men, and the women who do show up *have* to be women for some reason, if not to be a love interest to satisfy some gender-specific plot. The harsh truth is, in the entertainment world, characters are male until necessarily female. *Boldly Go!* is just the latest manifestation of this tradition.

Like I said before, it's unfair to ask a parody musical like *Boldly Go!* to be as socially progressive as *Star Trek*. There just isn't enough time onstage to explore complex contemporary themes and keep the audience laughing at the same time. It's meant to be entertaining, not paradigm-shifting. And it certainly succeeds in this respect. I have incredible respect for the writers, directors, stage managers, technical people, set builders, costumers, makeup artists, musicians and actors that made this show come to life. However, I think it is fair to ask *Boldly Go!* not to be socially regressive. At a place like Caltech where there's so much emphasis placed on breaking down boundaries and giving women the confidence and capability they need to succeed in male dominated fields, it's a tragedy to see a musical that puts us right back into the boxes we're trying so hard to get out of. As a Caltech undergrad, I know that I have the brainpower and ambition to be an engineer as inventive as Scotty, a scientist as brilliant as Spock, a doctor as talented as Bones or a leader as capable as Kirk. But *Boldly Go!* tells me that no matter what I am, I'm defined more by my relationship to a man than I am by my accomplishments, ambition or identity.

# Super Tuesday sets up Clinton for the White House

**SEAN MCKENNA**  
Contributing Writer

March 1 was a consequential day in American politics. Not surprising, but consequential. Those who were expected to do well, did. On both the Republican and Democratic sides, approximately 11 states' delegate were up for grabs. Hillary Clinton and Donald Trump performed exactly as predicted, dominating the contest by winning 7 of 11 states each. The outcome is consequential because it makes the path to the nomination that much harder for Bernie Sanders, Ted Cruz and Marco Rubio (I consider John Kasich's campaign a useless sack of potatoes at this point). Extrapolating a bit more from the data, I believe that Super Tuesday's results all but confirm that Hillary Clinton will be elected president in November. Here's why no other candidate stands a chance:

Without a bump from an unexpected victory, the campaigns of Sanders, Cruz and Rubio are coasting along at this point. Sanders' wins were nothing short of certain from the beginning in Vermont (the state he represents in the Senate), Colorado (chock-full of Millennials) and Minnesota (whose penchant for non-traditional politicians has included a professional wrestler and SNL comedian). Perhaps more interesting is his victory in Oklahoma, but it can be largely attributed to the disproportionate share of white low-income voters in that state's Democratic electorate. Overall, Bernie didn't make any great inroads. Similarly for Cruz, his victories in Texas, Oklahoma and Alaska are underwhelming given that he represents Texas, Oklahoma is basically North Texas and fringe Alaska is of little consequence. Rubio may have had the most disappointing night. He gave Trump a run for his money in several states but was unable to clinch any of them, save the aforementioned goofy Minnesota. These three campaigns are still desperately searching for a gust of wind

in their sails moving into other upcoming primaries.

Clinton's sweep of the south was predictable given her huge advantage over Sanders among black voters. For me, the key victory on Tuesday was her 1.4 percent margin of victory in Massachusetts. In Vermont and New Hampshire, she lost by 73 and 22 percent, respectively, implying that Sanders could win over the bloc of classic New England liberals. But what state is more quintessentially liberal than Massachusetts, home of John Kerry and Elizabeth Warren, the hero of many Sanders supporters before they knew of him? Sanders needed a strong performance here to prove that his socialist brand would draw in the big-city, higher-income liberals in addition to the rural, low-income democrats of Vermont, Iowa, New Hampshire and Oklahoma. Of course, he was not trounced in Massachusetts, but Boston is about as far left of a big city as he could have hoped to pull into his camp. Based on his underperformance there, I predict he will have an even worse performance among the Democrats of Chicago and Miami in the upcoming Illinois and Florida primaries, spelling a slow deceleration and eventual suspension of his campaign.

For Trump, I'd argue that his wide margin of defeat in the counties of Northern Virginia is indicative of his inability to win the general election. In Arlington, Fairfax and Loudoun counties, Rubio received over 40 percent of the primary vote. While Trump may have won the state, we know that these suburban voters from these counties in the commuter belt of Washington, D.C. are arguably the most important voters in the entire country, given the distortions of the Electoral College system. Swing voters here contributed to a win in

Virginia for Barack Obama in both elections. Rubio's strength here indicates that if he were the nominee, the appeal of a young, starry-eyed senator could captivate these voters once more and conceivably swing Virginia back to the Republican column. I see no path for Republicans to win the White House without carrying Virginia in November (ask me for my predicted Electoral College results if you'd like to see why), and the Northern

Virginia results tell me that there is no way for Republicans to carry Virginia with Trump as the nominee instead of Rubio. Thus, at this point I consider a Trump nomination by Republicans to be a de facto victory for Clinton. A bold claim, perhaps. But what is politics without brash, partially-substantiated declarations?

## 2016 CALTECH UNDERGRADUATE WRITING PRIZES

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Prize amount: \$500.00

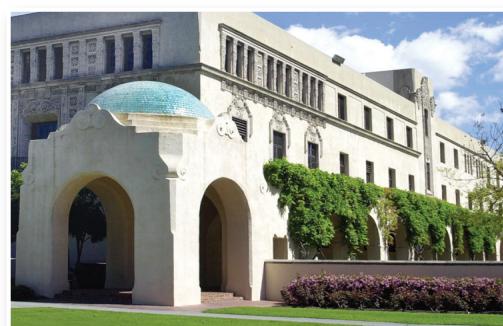
### Submission Guidelines:

#### Deadline: April 4<sup>th</sup>, 2016

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](mailto:elvington@caltech.edu), noting the prize to which you are applying in the email subject and filename.

Contact Sini Elvington at [elvington@caltech.edu](mailto:elvington@caltech.edu) with any questions

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Campus Office 515 S.Wilson Ave. (physical address) • Campus ATMs Winnett Center & Keith Spalding Building  
626/395-6300 • 800/592-3328 • [www.cefcu.org](http://www.cefcu.org)

Must qualify for CEFCU membership to join. Minimum \$5 deposit and one-time \$5 membership fee due upon opening any CEFCU account. Federally insured by NCUA.

## Women's water polo opens season with first win since 2012

**GOCALTECH.COM**  
Actual Sports Content Editor

ST. PAUL, Minn. (Feb. 28, 2016) – Freshman Katie Johnston set a single-game program record with nine goals in the Caltech women's water polo team's first win since 2012, over Macalester College on Sunday morning.

Johnston scored half of the Beavers' goals in the 18-13 victory, with junior Mary Boyajian dishing out a program-record six assists and senior Stephanie Wong making 13 saves in goal. Senior Soumya Kannan added four goals, four drawn exclusions, three steals and two assists while freshman Brittany Percin netted three goals, made three steals and won all four sprints.

### Caltech 18, Macalester 13

In the final game of the weekend, Caltech took the lead

on the first possession and held a narrow margin through halftime. Johnston netted the first of her program-record nine goals to stake the Beavers to the lead, then scored a second ahead of a Percin tally for the 3-1 edge. Kannan made it 4-1 on the next possession, but Macalester pulled back within one at 4-3 with 3:13 left in the quarter. Kannan completed the hat trick two minutes later, however, and added her fourth goal of the quarter just seconds before the buzzer, giving Caltech the 7-3 lead heading into the second quarter.

Percin made it a five-goal game with an early score to start the quarter, but the Scots caught fire with four unanswered strikes to fight back within one with 1:13 left in the half. Johnston gave the Beavers some breathing room and canceled out a late Macalester



It's lowkey at the Soumya show ...

-<http://gocaltech.com>

score with another buzzer-beating tally as Caltech led 10-8 at halftime.

The Scots flipped the game with three quick goals to open the third

quarter and take their first lead of the game at 11-10. The teams traded the lead over the next few minutes, with sophomore Ciara

Ordner netting her first career goal to tie it back up at 12-12, before another late Johnston score broke a 13-13 tie and put Caltech ahead going into the final quarter. Junior Sasha Zemsky netted a key goal – the first of her career as well – on the first possession to double the margin and the Beavers defense packed it in from there, holding Macalester scoreless over the entire period while tacking on three more goals to seal the victory.

Johnston led the team with a hand in 22 goals, scoring 14 and assisting eight, over the four-game slate, while Percin netted 16 and Kannan 12. Kannan racked up a squad-best 20 drawn exclusions while Percin won all 16 sprints and made a team-high 13 steals and five field blocks. Boyajian totaled 14 assists and matched Kannan for the second-most steals, with seven.

## Men's tennis ranked nationally for first time in history

**GOCALTECH.COM**  
Actual Sports Content Editor

SKILLMAN, N.J. (Mar. 3, 2016) – Caltech men's tennis has received the program's and possibly the school's first-ever national ranking, coming in at No. 40 in the season's first Oracle/ITA Division III Men's National Team Rankings.

The Beavers, who are 2-0 against NCAA foes this season, earned the historic ranking thanks to their first-ever victory over a nationally

ranked opponent in then-No. 34 Cal Lutheran University by a 6-3 score on Feb. 26.

Although the first regional rankings will not come out until March 21, Caltech currently ranks behind nine West region rivals in the national ranking. The Beavers ranked a program-record 13th in the region at the conclusion of the 2014 season.

Head Coach Mandy Gamble and the Beavers host Wabash College (8-3) on Wednesday, Mar. 9.



Dear Morgan,  
Sorry we cropped you out of the photo. You just aren't as photogenic as Rush.  
Also we needed a longer picture.  
Love,  
The California Tech Editors

-<http://gocaltech.com>

## Marasigan cracks all-time top 10 list at Rossi Relays



Run, Michelle, run!

-<http://gocaltech.com>

**GOCALTECH.COM**  
Actual Sports Content Editor

CLAREMONT, Calif. (Feb. 27, 2016) – Freshman Michelle Marasigan ran onto the Caltech women's track & field top 10 list for the 3,000-meter run, freshman Rohan Doshi recorded an impressive split on the distance medley relay and several other Beavers continued to show marked improvement at the 20th Annual Rossi Relays hosted by Claremont-Mudd-Scripps Colleges on Saturday.

Marasigan clocked an 11:41.53 to rank ninth on the all-time list. Doshi posted a blazing 3:15 split on the 1,200m leg of the distance medley relay, which beat both Cal Lutheran University and Chapman University in 11:04.21. The men's

4x800 relay also improved on last year's time by 20 seconds, finishing in 8:49.14.

"I fully expect Michelle to earn a spot on our all-times lists in several events this year," Head Coach Ben Raphelson said. "It's a credit to the hard work she has been putting in all season. Our distance group doesn't get the chance to run many relay races, so they did their best to take advantage of the opportunity despite the crowded conditions. Overall, they competed very well."

Seniors Edward Garza continued to lower his 100-meter dash time, finishing eighth among SCIAC sprinters in 11.42 – the fastest time by a Beaver in the last five years. Senior Kevin Yei also trimmed his 100m time to a season-best 12.49 while junior Lucy Chen chopped off another .15

in her 100m to post a 14.82 and freshman Muskaan Goyal matched last week's 18.14. Goyal also added almost a foot to her previous best in the shot put, clearing 22 feet, five and three-quarters inches, while senior Morgan Hill reached a season-best 31 feet, eight inches in the shot and blew away his hammer throws from both last week and last year's meet, tossing 133 feet – his best yet since incorporating two turns. Sophomore Gene Vaughan shaved over a minute from his season-opening 3,000m to post a 10:36.78, while junior Lilly Luo timed in at 12:40.01.

"Morgan is continuing his development," Raphelson said. "He made some great technical breakthroughs that bode well for the remainder of the season."

# ANNOUNCEMENTS

THE CALIFORNIA TECH

## ASCIT Minutes

Meetings are every Wednesday at 4 pm in SAC 13

### ASCIT Board of Directors Meeting

Minutes for 2 March 2016. Taken by Sean McKenna.

**Officers Present:** Nima Badizadegan, Kalyn Chang, Annie Chen, Cat Jamshidi, Sean McKenna, Jay Palekar

**Call to Order:** 4:08 pm

**Guests:** Chris Dosen, Vaishnavi Shrivastava

### President's Report (Nima):

- Yearbook request form was sent out. 100 responses in the first few hours. Fill it out if you want a dead-trees printed yearbook.
- REGIS REDUX is happening tomorrow. Last week, the undergrads mounted a collective attack on Caltech's servers and a whole host of them surrendered to our mighty clicking. Sometime, REGIS will become a scalable cloud platform, so IMSS will not buy infrastructure to scale the REGIS problems. Nima will send an email giving instructions on how to not be an idiot and ruin REGIS for others.

### Officer's Reports:

#### V.P. of Academic Affairs (ARC Chair: Jay):

- Undergraduate Seminar Series with Keith Pluymers on Thursday, March 10th at noon in 24 Kerckhoff with free lunch
- Student Faculty Lunch on Monday, March 7th at lunch time (wow, shocker there) in the Ruddock Dining Hall (as opposed to non food-consuming areas of Ruddock).
- Option Fair is happening on the Wednesday before Prefrosh Weekend so we can get our academic lives in order before we start talking to prefrosh about how ordered and wonderful our academic lives are.
- The ARC and CTLO are looking for a minion (work study student) with experience in WordPress and web development.
- Dabney wins the midterm survey and gets Mannion dinner. De.Lish.Us.

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

- There have been some recent concerns related to the CRC. They deal specifically with violations of policies related to event registration and safety inspections. We are still in discussions about this, and I should have more info soon.
- UASH is starting to look at data from the new rules to compare them with the old rules. Asking the registrar to get data in all the bins we think are needed.
- Board survey fallout: Jon Webster and Joe Shepard are still deciding on what to do.
- Bechtel planning: It took a lot of mental effort, but the IHC finally decided where to plant all the trees. Let's hope they pick ones that are pretty in the fall.
- Discussing how to get more money for house endowments with Perry Radford.
- RevComm might have a debate for the IHC candidates on Thursday night at Chouse. Sean is excited to moderate if it comes to fruition.

#### Director of Operations (Sean):

- ASCIT lights are being used for Ruddock, Avery, End of Pass/Fail parties. So MHF money is not going to waste. Impact report will be written
- Will hire a lighting manager to replace graduating senior Mark Lorden.

#### Treasurer (Kalyn):

- No one's getting their money this week. Not our fault. People in the Bursar's Office are out of town for the week.

#### Social Director (Annie):

- ASCIT Formal on April 1st. Cat is the official contact person on the day of the event since Annie will be MIA. Ticket sales Wednesday, March 9th through Sunday, March 13th.
- Be a Kid Again is happening on March 13th, puppies and all. Cat and Sean are disappointed. But at least we can drown our sorrows in Gogurt

#### Secretary (Phillip):

- Joe Shepard Meeting – March 8<sup>th</sup>

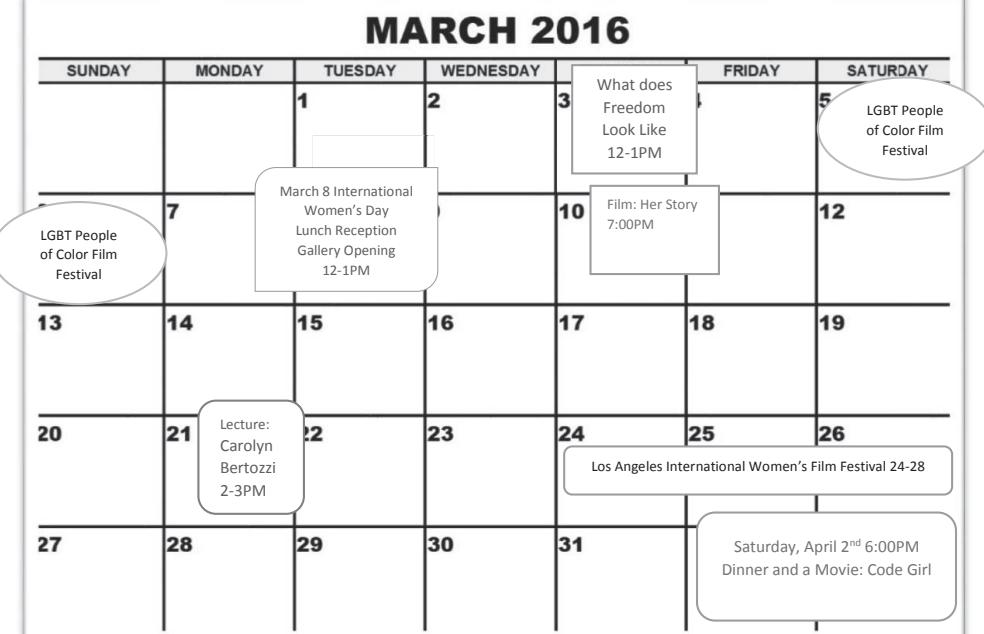
If anyone has any questions or concerns about a section of the minutes please email the appropriate officer. We are happy to answer any questions.

Meeting Adjourned: 4:48 pm

Caltech Center for Diversity

Women's History Month  
Schedule updated 2/26/2016

The Caltech Center for Diversity would like to invite you to celebrate Women's History Month. We look forward to seeing you at our upcoming events:



## REMINDER FROM COUNSELING CENTER: *Meditation Mob*

(drop-in mindfulness meditation group)

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

Bottom floor of Winnett

## 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)

## The California Tech

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## 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.

Wednesdays 3:00-4:30 p.m.

248 CSS (second floor)

## Caltech Y Column: News and events

### 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.

#### Upcoming Events

##### 1. The Color Run - Explore LA Series

Saturday | May 21st | 8 a.m. - 3 p.m.

Sales begin 12:00 pm, this Thursday, March 3rd at the Caltech Y (505 S. Wilson)

Subsidized cost: \$30 for ticket only | Transportation not provided

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 tickets 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).

The Color Run is the world's first Color 5k event and is the original paint race. It's an event that promotes healthiness and happiness by bringing the community together to participate in the Happiest 5k on the Planet. Get ready to celebrate with more fun, more sun, and even more colors for you and your friends to experience together! Participants will be bathed in a tropical array of colors and delicious island scents as they pass through the shade of palm trees, arches, and island-style music. At the Finish Festival, Color Runners will enjoy even more fun at Rainbow Beach, an interactive island featuring music, dancing, unique photo opportunities, and massive color throws. Each Color Runner will also receive a limited-edition Tropicolor race shirt, finisher's medal on a floral-printed ribbon, embroidered

headband, and fun temporary tattoos. It doesn't matter if it's your first experience with The Color Run or you've been joining in for years, the Tropicolor World Tour will be the most memorable 5k of your life.

##### 2a. Pasadena LEARNs

Friday | 3:00 - 5:00 p.m. | Madison, Jackson, and McKinley Elementary School | Pasadena

Come volunteer at Madison, Jackson, and McKinley 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 Vansh Kumar.

##### 2b. 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](mailto:srichers@tapir.caltech.edu).

#### Other Announcements - Beyond the Caltech Y

##### Call for Judges: 66th Annual LA County Science & Engineering Fair

March 17th - 19th

Judging Friday March 18th at the Pasadena Convention Center

Get more information and register at <http://www.lascifair.org/judges>.

Over 1,100 6th through 12th grade students from LA County public, parochial, and private schools will be participating in the Science Fair. This is an all-day event; judge orientation will begin at 7:00 AM and the judging day will finish in the afternoon, around 5:00 p.m. The top students, that you will help select, will compete at the California State Science Fair.

## Caltechlive!

SATURDAY, MARCH 12, 2016/8 PM

# Caladh Nua

*Beloved Melodies from the Emerald Isle*



Five staggeringly talented musicians deeply rooted in the tunes of the Southern counties of Ireland. This vibrant group captures the essential qualities of traditional Irish music balanced with innovative contemporary flourishes.

Caltech / JPL Faculty & Staff \$5 off • Students \$5

\$35, 30, 25 / \$10 YOUTH

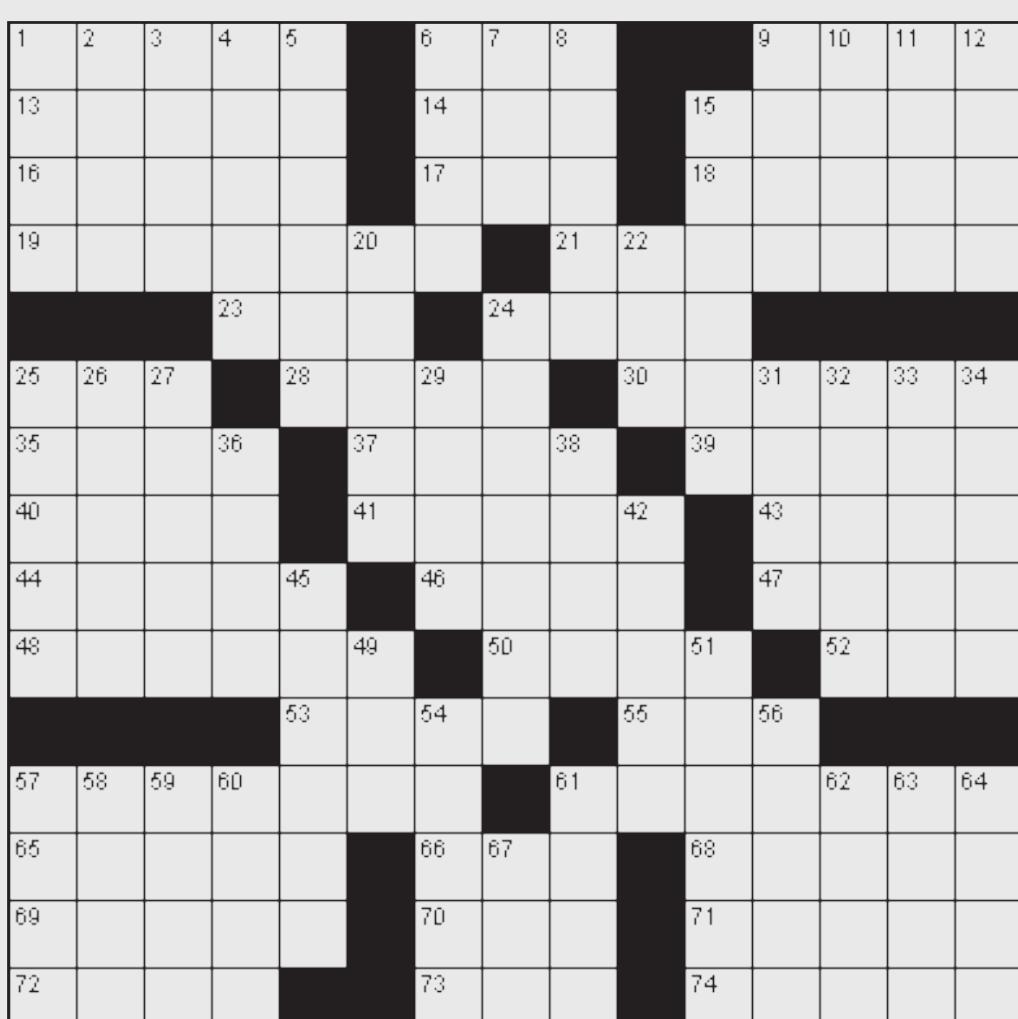
Caltech's Beckman Auditorium

[www.events.caltech.edu](http://www.events.caltech.edu)



Call campus x 4652 for information

## Crossword



<http://puzzlechoice.com>

#### Across

- 1. Army unit
- 6. Deuce
- 9. Rebuff
- 13. Grownup
- 14. Cut of meat
- 15. Task
- 16. Tooth
- 17. Single
- 18. Garment size
- 19. Principle
- 21. Stutter
- 23. Snakelike fish
- 24. An anxious feeling
- 25. Healthy
- 28. Tend
- 30. Die
- 35. Golf club
- 37. Elaborate song
- 39. One of the senses
- 40. Long-handled tool
- 41. Figure
- 43. Open pastry
- 44. Having a sharp inclination
- 46. Challenge
- 47. Small gull
- 48. Connective tissue
- 50. Novice
- 52. Beverage
- 53. Roofing material
- 55. Health resort
- 57. Medium-sized kangaroo
- 61. Abjure
- 65. Underway
- 66. Anger
- 68. Ice hut
- 69. Latin American dance
- 70. A woman religious
- 71. Vividness
- 72. Large woody plant
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- 70. A woman religious
- 71. Vividness
- 72. Large woody plant
- 73. Acquire
- 74. Mode
- earnestly
- 22. Hit lightly
- 24. Warship
- 25. Number one
- 26. Showing or feeling
- extreme anger
- 27. Keepsake
- 29. Desiccated
- 31. Float made of logs or planks
- 32. Small island
- 33. Gaze
- 34. Reddish brown dye
- 36. Requirement
- 38. Ethereal
- 42. Curt
- 45. Root vegetable
- 49. Pen tip
- 51. Organs of sight
- 54. Fibbing
- 56. Slang
- 57. Unit of power
- 58. A great distance
- 59. Solitary
- 60. Private area in a theater
- 61. Let for money
- 62. Friendly nation
- 63. Lose heat
- 64. Ripped
- 67. Regret

#### Down

- 1. Bivouac
- 2. Smell
- 3. Governing principle or condition
- 4. Put
- 5. Thoroughfare
- 6. Gait faster than a walk
- 7. Be victorious
- 8. Corpulent
- 9. Fake
- 10. Average
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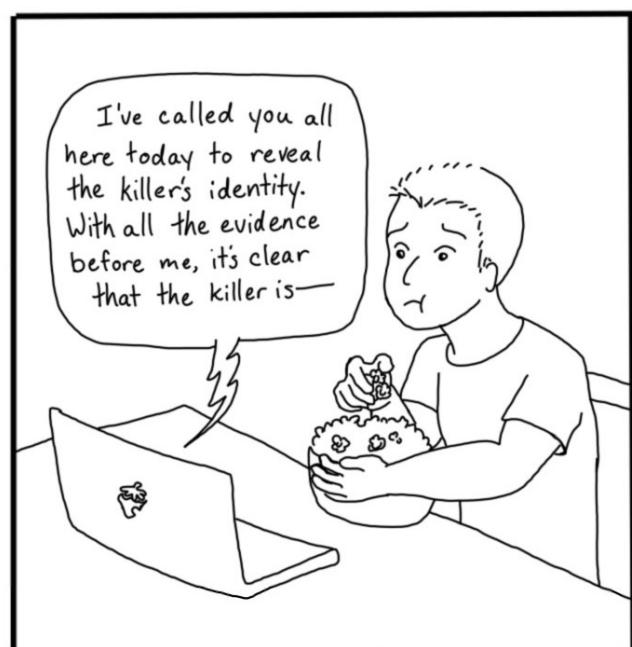
# HUMOR

8

MARCH 7, 2016

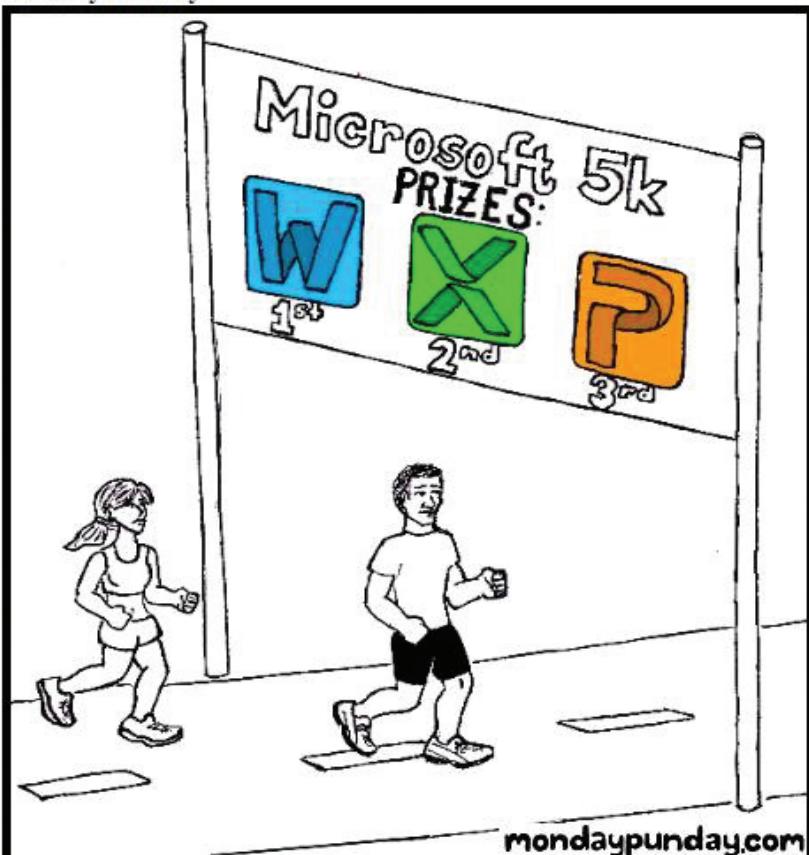
THE CALIFORNIA TECH

## WiFi Woes



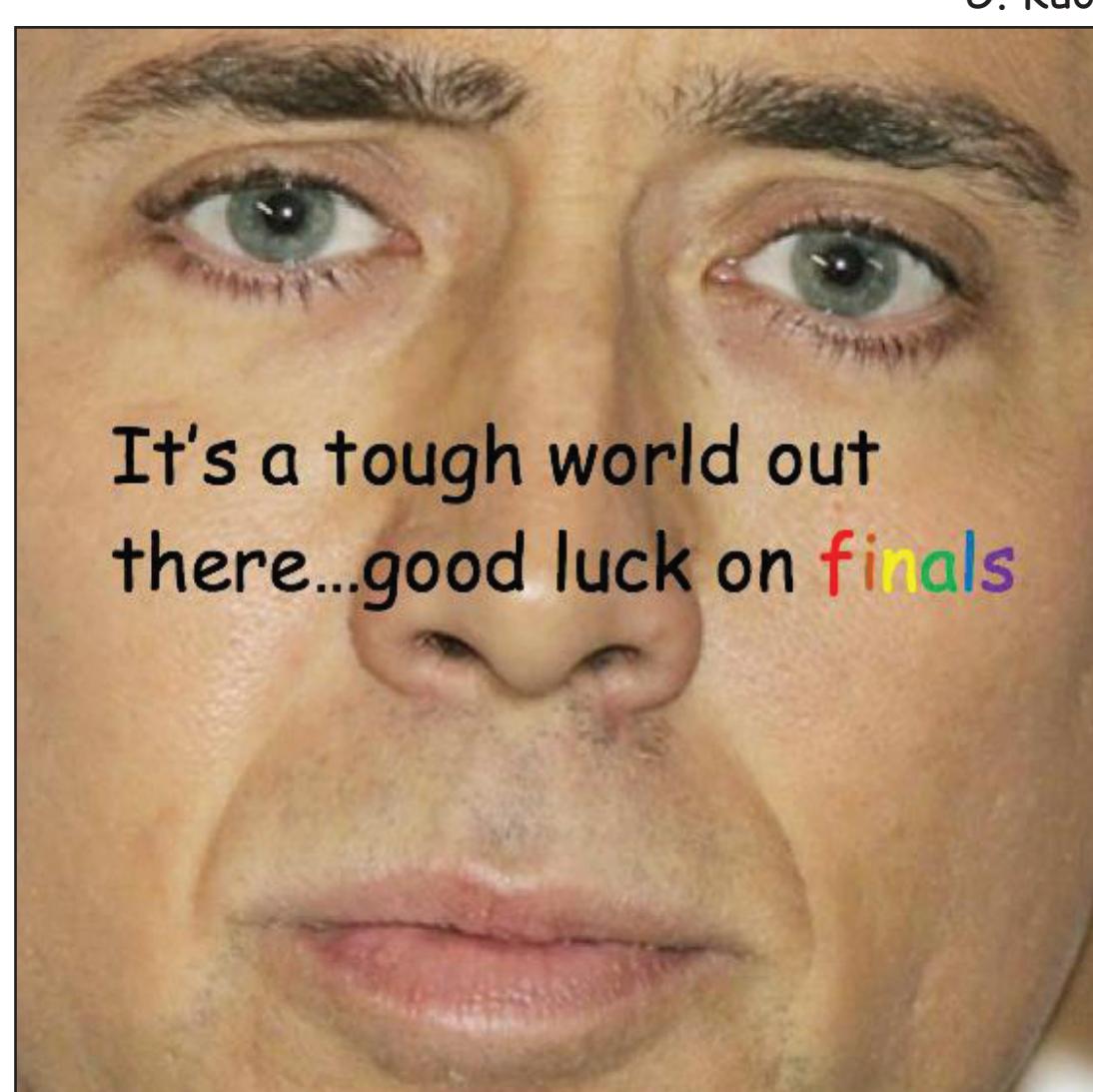
Paige Turner

## Monday Punday

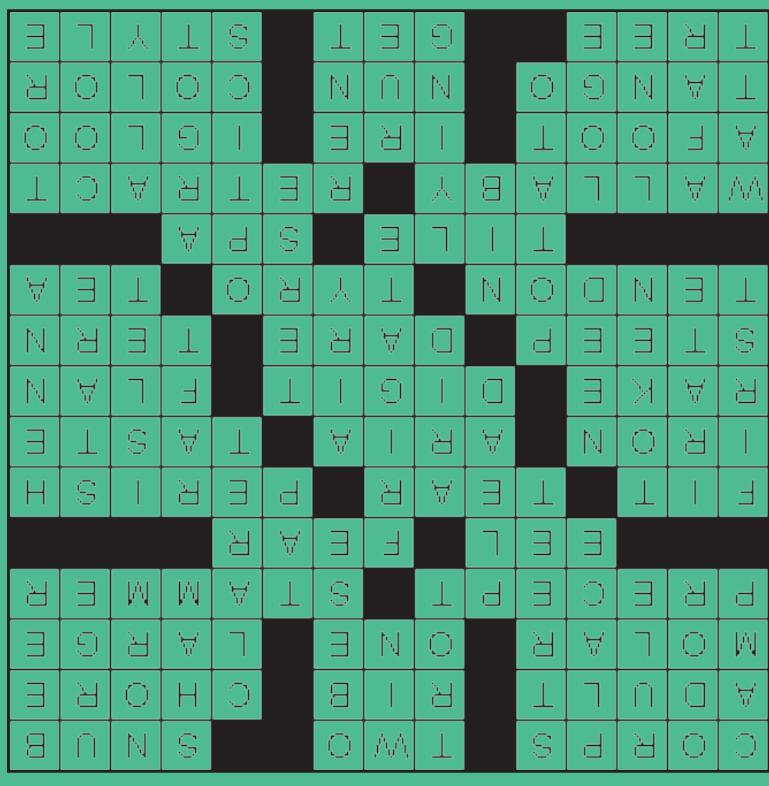


This picture represents a common phrase, title, or person.

Think you know the answer? Take a guess at [mondaypunday.com/269](http://mondaypunday.com/269)



## Answers to current crossword (p. 7)



The California Tech  
Caltech 40-58  
Pasadena, CA 91125