This weekend, the Caltech Dance Show kicked off with tons of energy. The show featured twelve dynamic acts this year. According to one of the show’s co-organizers, and member of the Caltech Dance Team, Sue Qin, this year’s show was shorter than the previous two years and featured less soloists, "but the dances featured were diverse and well rehearsed." Only two of the acts were soloists, however; co-organizer Greg Donaldson thrilled the crowd this year. "The dances featured were contagious.

A behind the scenes organizer Sophie Banholzer enjoys her involvement with the show because she finds dance to be a great break from the stress of Caltech classes. Everyone involved can agree that the dance show is a spectacular opportunity to showcase a creative and active side of the Caltech community.

The newly formed Caltech Dhamaka dance group organized a very upbeat and action packed final number. Ellora Shakar, co-organizer and member of Caltech Dhamaka, enjoys being a part of this show because "it gives dancers on Caltech’s campus a chance to be appreciated for the work they do." Anyone who attends the dance show can testify to the fact that every dancer on stage puts their best foot forward and that their positive energy is contagious.

Faculty members admitted to renowned science academies

CYNTHIA ELLER
Caltech Today

Three professors at Caltech have been elected to the prestigious National Academy of Sciences. The announcement was made Tuesday, April 29, in Washington D.C.

The new Caltech electees are Gregory C. Fu, Altair Professor of Chemistry; Fiona A. Harrison, Benjamin M. Rosen Professor of Physics; and John P. Preskill, Richard P. Feynman Professor of Theoretical Physics.

Fu is a synthetic organic chemist focusing on transition metal catalysis and nucleophilic catalysis. He is currently developing enantioselective reactions and exploring the use of copper and nickel catalysts. In 2012, Fu won the Award for Creative Work in Synthetic Organic Chemistry from the American Chemical Society. He is a fellow of both the American Academy of Arts and Sciences (2007) and the Royal Society of Chemistry (2005).

Harrison specializes in observational and experimental high-energy astrophysics. She is the principal investigator for NASA’s NuSTAR, as well as leading the team in the mission’s scientific return. As a result of almost two decades of technology development, NuSTAR is revolutionizing our view of the high-energy X-ray sky, Harrison was elected to the American Academy of Arts and Sciences in 2013, was elected as a fellow of the American Physical Society in 2014, and was a NASA Outstanding Public Leadership Medal in 2013.

Preskill is a theoretical physicist who began his career in particle physics (in particular, the interface between particle physics and cosmology) before moving to a specialization in quantum information and quantum computing. In 2000, Preskill founded the Institute for Quantum Information with the aim of harnessing principles of quantum mechanics to aid in particularly challenging information-processing tasks. He is a fellow of the American Physical Society.

The National Academy of Sciences is a private organization of scientists and engineers dedicated to the furtherance of science and its use for the general welfare. It was established in 1863 by a congressional act of incorporation signed by Abraham Lincoln that calls on the academy to act as an official adviser to the federal government, upon request, in any matter of science or technology.

The election of Fu, Harrison, and Preskill brings the total Caltech membership to 75 faculty and three trustees.

The American Academy of Arts and Sciences has elected three Caltech faculty members as academy fellows. They are John F. Brady, Chevron Professor of Chemical Engineering and Mechanical Engineering and executive officer for chemical engineering; Kenneth A. Farley, W. M. Keck Foundation Professor of Geochemistry and chair of the Division of Geological and Planetary Sciences; and Fiona A. Harrison, Benjamin M. Rosen Professor of Physics.

Continued on page 3

Want to see more pictures from the dance show? Turn to page 4!

Monica Enlow
Editor-in-Chief

Prof. Markovic bestowed with membership into Royal Society

KIMM FESENMAIER
Caltech Today

Vladimir Markovic, the John D. MacArthur Professor of Mathematics at Caltech, has been named a fellow of Britain's Royal Society. He is one of 50 new fellows and 10 foreign members elected in 2014. Markovic’s election brings to seven the number of fellows and foreign members of the Royal Society currently on the Caltech faculty.

Membership in the Royal Society is bestowed each year on a small number of the world’s scientists. The oldest scientific academy in existence, the Royal Society was established in 1660 under the patronage of King Charles II for the purpose of “improving natural knowledge,” and it helped usher in the age of modern science. Today, the society seeks to promote science leaders who champion innovation for the benefit of humanity and the planet.

Markovic studies the shapes and structures of mathematical spaces called manifolds. A line is a one-dimensional manifold while a plane would be two-dimensional. In its citation for Markovic, the Royal Society wrote, “Markovic is a world leader in the area of quasiconformal homomorphisms and low dimensional topology and geometry. He has solved many famous and difficult problems. With Jeremy Kahn, he proved William Thurston’s conjecture that every closed hyperbolic 3-manifold contains an almost geodesic immersed surface.”

In 2004, Markovic received awards recognizing his early career achievements from the London Mathematical Society and the Leverhulme Trust. In 2012, he was awarded the Clay Research Award. Earlier this year, he was an invited speaker at the International Congress of Mathematics in Seoul, South Korea.

Born in Germany, Markovic earned a BSc and PhD from the University of Belgrade in Serbia in 1993 and 1998, respectively. Before joining the Caltech faculty as a professor in 2011, he was an assistant professor at the University of Minnesota, an associate professor at SUNY Stony Brook, and a professor at the University of Warwick.

Markovic is currently on leave, teaching at the University of Cambridge.

Following a great performance, dancers take a bow at the conclusion of the Caltech Dance Show

Photo courtesy of Allison Maker

Students dance their hearts out at Dance Show

MONICA ENLOW
Editor-in-Chief

The California Tech

Volume CXVII Number 23 Pasadena, California TECH.CALTECH.EDU May 3, 2014

IN THIS ISSUE

NEWS | PAGE 2
STUDENT NAMED 2014-15 WATSON FELLOW

FEATURE | PAGE 3
NAILEN REVIEWS ALBARN’S DEBUT ALBUM

FEATURE | PAGE 4
STUNNING DANCE SHOW PHOTOS

SPORTS | PAGE 5
SENIOR ALBIE LAVIN IS SPOTLIGHTED

http://www.caltech.edu/
2
MAY 3, 2014
THE CALIFORNIA TECH

Hima Gudipati named Watson Fellow

PHOTO ANN
Contributing Writer

UPCOMING EVENTS

1. Scientific Publications affect Science Policy: A conversation with Professor Raymond S. Dohoney Thursday | May 8th | 12:30 to 1:30 PM | Hill Annex | Lunch is provided, but space is limited. RSVP to Raymond

Dr. Dohoney is Professor of Biology in the Division of Biology and Biological Engineering at Caltech and the Founding Dean of the Howard Hughes Medical Institute. In addition to his academic work, Dr. Dohoney co-founded Protocine in 2010, a private venture development of Kyprolis through phase II clinical trials. Kyprolis was approved by the FDA in 2012. In 2011, Dr. Dohoney co-founded Cleave Biosciences.

The Caltech Y and Protocine are partners of the Caltech community who have played a role in the formation, implementation, or funding of science policy to interact with a small group of interested students over an informal lunch. Funding for the Science and Policy Series was provided through the George Housner Fund. Questions can be directed to the Y at 626.395.6453 or caltechy@caltech.edu.

2. Wilderness Skills Trip Sunday | May 11th | 8:30 AM to 4:30 PM

Join the Caltech Y Outdoor Adventures group for a day of hiking, learning wilderness skills, and sustainable gardening. On Sunday, May 11, we will travel to a 3,000 acre educational center and spend the day doing several full day of activities. First, we will hike to a formation of sandstone caves in a hike through the San Gabrielle Mountains. Then we will learn wilderness skills such as cooking a fire without matches and finding directions and navigating without a compass. The hike will about six miles long with moderate elevation gain. From there, we will return to a sustainable garden on the grounds of the educational center and do a little work in the garden as a service project.

There is a limit to 20 people for the activities, so sign up soon to secure a spot. You can sign up at this link: goo.gl/7ozy8k or email Diana Fisher at dxiao89@caltech.edu with any questions.

3. Les Miserables the Musical - Caltech Y Explore Saturday | May 3rd | 7:00-11:00 PM

Volunteer at Hathaway-Pole and get a third perspective on what humanity will be facing as we finish off the year and get to work on explore climate change in the past, present and future. The Caltech community.

That's how I ended up going to Svalbard to see firsthand how the climate change; in particular, warming event of recent times—PETM I'll have seen in Italy, but rocks and fossils in New Zealand for four months—I'll hopefully even get the chance to stop by Hobbiton. Where will you travel to?

P: I will mountaineer up into the place where the PETM happened in Svalbard, see how that area changed over time and two weeks later, there I was. What do Italy, South Africa, New Zealand, Nepal, and Norway have in common? Those countries are where Hima Hasmannur-Gudipati was going to travel to. She'll fly her geology and mechanical engineering skills to explore climate change in the past, present, and future. And she'll strike Earth, which happened 5.5 million years ago, called the PETM. That's how I ended up going to Svalbard to see firsthand how the climate change; in particular, warming event of recent times—PETM I'll have seen in Italy, but rocks and fossils in New Zealand for four months—I'll hopefully even get the chance to stop by Hobbiton. Where will you travel to?

H: Besides the science, what else are you looking forward to?

P: What are you most excited about?

H: Overall, I'm looking forward to meeting lots of new people and getting to spend time out in the field to study the effect of climate change during the most rapid global warming event of recent times—PETM I'll have seen in Italy, but rocks and fossils in New Zealand for four months—I'll hopefully even get the chance to stop by Hobbiton. Where will you travel to?

P: I'm going to Italy! That's why I'm not camping there. That's hard to say. There will be so many opportunities! So I guess what I am most excited about is the freedom I'll have to make decisions for myself. No more problem sets and finals.

H: That's hard to say. There will be so many opportunities! So I guess what I am most excited about is the freedom I'll have to make decisions for myself. No more problem sets and finals.

P: I've been making good contacts with people.

H: Yes, it turns out a lot of scientists are happy to have free time to explore the world at an international summer school, then I'll head out into the field to study the effect of climate change during the most rapid global warming event of recent times—PETM I'll have seen in Italy, but rocks and fossils in New Zealand for four months—I'll hopefully even get the chance to stop by Hobbiton. Where will you travel to?

P: That was my experience, too. Well, not about the polar bears. I found that a lot of the scientists I worked with had more tools than skilled people to use there. That was one of the great things about the Watson. The Watson Foundation provided a lot of resources and support to Hima and I in Italy by meeting up with experts on paleoecology from all over the world at an international summer school, then I'll head out into the field to study the effect of climate change during the most rapid global warming event of recent times—PETM I'll have seen in Italy, but rocks and fossils in New Zealand for four months—I'll hopefully even get the chance to stop by Hobbiton. Where will you travel to?

H: As an ecologist I'm happy to have done regular tutoring along with helping out with my Science Olympiad team or going to Svalbard to see firsthand how the climate change; in particular, warming event of recent times—PETM I'll have seen in Italy, but rocks and fossils in New Zealand for four months—I'll hopefully even get the chance to stop by Hobbiton. Where will you travel to?

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Damon Albarn is someone who is in the interesting position of not just having written popular, but also having written a wide variety and large quantity of popular music on a near-continuous basis over a quarter of a century. As the singer and keyboardist for Britpop icon Blur, Albarn was able to use the band as a platform for his lyrics and musical ideas, and as these started to move in the direction of hip-hop, he formed the “virtual” but well-known Gorillaz with UK artist Jamie Hewlett. Through their music, the group explored an experimental mix of all-rock, hip-hop, and electronic sounds with great success, selling millions of records worldwide. Despite its commercial success, Gorillaz is often dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing. I highly doubt that it will ever be dismissed on the grounds that it’s not aesthetically pleasing.
Dancers perform a vibrant collection of elegantly choreographed and brilliantly executed pieces

**ACT Award winner to hold benefit dance performance**

**JANANI COMAR**

Contribution Writer

The Caltech Y ACT Award—created for the purpose of "Advocating Change Together"—helps Caltech students expand their understanding of the world and impact it positively. Students explore an issue, work with a mentor, and lead a campaign to educate and engage members of the Caltech community in their cause. The 2013 ACT Award allowed Janani Mandayam Comar, a junior in chemistry, to cooperate with the Children's Organization of Southeast Asia (COSA) in Northern Thailand to consider and act on the following: After reading novels about the abuse of women in the human trafficking industry, Janani was "deeply disturbed." Upon further study, she realized that "unless women act to change this, the situation will continue to grow." Below, she gives us a glimpse of the actions that furthered her cause.

In September 2013, I traveled to Mae Rim, a province in Northern Thailand. I volunteered at a shelter for girls who were identified as victims or potential victims of human trafficking in the country's hill tribes. My month gave me the extraordinary opportunity to teach English and science to these girls and to learn more about human trafficking.

I'm so grateful for this experience because it taught me a lot about communication and teaching. I especially loved the time I got to spend with the girls. They were always so vibrant and enthusiastic, even when they didn't necessarily like the subject they were learning, because they knew I liked it. It took about two weeks for them to really open up to me and not be shy. It was definitely worth the wait though. I got to hear about their interests and prospects for life.

Back on campus, I've been working with the Y to promote awareness of human trafficking. The girls I worked with have a chance at a completely different life because they were saved from the horror that awaited most of them. Any help that we can give, even from Caltech, would save girls around the world from this terrible fate.

One of my main initiatives this year has been to organize a classical Indian dance performance that explores the role of women in Hindu philosophy and society. The Kalālayam Dance Company, the troupe I dance with, has selected pieces that highlight the struggles and triumphs of women in both mythology and history. My goal for this performance is not to raise money for any charity or organization but rather to raise awareness for the problem. I truly believe that when you become personally invested, you will figure out a way to help. Statistics and stories only go so far. I hope that through our dance, people will feel compelled to act.

The performance will be held on May 18th in Ramo Auditorium from 3 – 5 pm. Tickets are free with a Caltech ID and $10 for the general public.
Senior Feature of the Week: Albie Lavin

MONICA ENLOW
Editor-in-Chief

ME: What position do you play? Do you play multiple positions? Which position is your favorite to play, and which is your least favorite?

AL: I play shortstop and I also pitch. I used to play third base, but I moved to shortstop after Eric Schropp graduated and we had a need at the position. I started pitching after Derek got hurt this season, and it has been a fun challenge remembering the game so that we could compete in three games a week. They put in a lot of work for us and did a great job filling out our roster.

ME: What has been your favorite part about playing for Caltech?

AL: Just playing. I wouldn’t be able to play baseball anywhere else, and I wasn’t ready to stop playing competitively after high school. I’ve been able to grow into a better player, and I’ve also helped my teammates get better. It’s very satisfying knowing that I’ve helped the baseball program evolve into a team that expects more than it did in the past.

ME: What was the most exciting moment of your Caltech baseball career? Tell us a little bit about it.

AL: My sophomore year we took a trip to Reading, CA to play Simpson College over spring break. One of our players was.killinggup in the outfield, and after the half inning ended I yelled at him in the dugout. I was the first man up to bat in the top of the next inning, and on the first pitch I crushed a home run down the left field line.

ME: Can you describe what you will do after you graduate?

AL: I am originally from Philadelphia, Pennsylvania. My family has lived there for generations. I’m a Philadelphia Phils fan, so I usually catch the Phillies-Dodgers series every summer, and even though we’ve been on the downsizing since last season, I think the team has a real chance to at least take one of the wild card spots. I definitely hate the Braves and the Mets (division rivals), and I even bother to touch the ground during her race. Anup Kishore probably should have used that move in the dance show Friday night. - Photos Courtesy of Michael Ignatowich

Weekly Scoreboard

Women’s Tennis vs. Pomona-Pitzer (SCIAC Championship) L, 5-0 Final

Men’s Tennis vs. CMS (SCIAC Championship) L, 5-1 Final

Men’s Tennis vs. Redlands (SCIAC Championship) W, 7-2 Final

Men’s Tennis vs. Occidental (SCIAC Championship) W, 7-2 Final

Track and field and tennis compete in SCIAC Tournaments

MONICA ENLOW
Editor-in-Chief

This past weekend the Beavers had an exciting weekend at SCIACs.

First, women’s tennis posted a win against number three ranked Cal Lutheran to earn seventh place in the league. Highlights from the women’s season? This is the third time Caltech has beat Cal Lutheran over the past two years. In addition, Rebekah Knoche graduates with 53 wins, two of those coming from this weekend’s tournament. Senior Michelle Tang also gets to leave her final tournament with a win.

Next, the women’s track team was able to beat Chapman and earn the eighth place title in the final tournament. If that isn’t enough excitement for you, Morgan Libby broke a school record for most wins in a single season. That’s just impressive.

Now we move on to men’s tennis. The men finish with a win against Occidental. The team ends with a total of six wins which is most they have had since 2006. This is the first SCIAC win for the boys since 2009. Beating SCIAC teams is amazing, especially in the final tournament. If that isn’t enough excitement for you, Morgan Libby broke a school record for most individual wins in a single season.

Finally, can we talk about Paige Logan? She earns the SCIAC title in shot put. She claims another spot on the podium for hammer throw. Her scores are the reason the women’s track team was able to beat Chapman and earn the eighth place title in the conference. If you see her, you should congratulate her because this is an amazing accomplishment, and she has worked countless hours and through numerous injuries to achieve this. While you’re at it, congratulate Eric Martin for his all-conference honors and the second fastest 800m time in school history.

Men’s tennis had an amazing weekend. The list goes on as Stephanie Reynolds and Aditya Bhagavathi qualified for their final races.

Men’s Tennis vs. Occidental (SCIAC Championship) W, 7-2 Final

Senior Feature of the Week: Albie Lavin

I honestly wish I could make this caption funny, but Morgan Libby broke the school record for most wins in a single season. That’s just impressive. - gocaltech.com

Editors Notes

Left to Right: Eric Martin and Jared Forte show off their toned quads. Stephanie Reynolds doesn’t even bother to touch the ground during her race. Anup Kishore probably should have used that move in the dance show Friday night. - Photos Courtesy of Michael Ignatowich

Again, a witty caption because Paige Logan is amazing. Ending your senior year with an all-conference win? What a way to be remembered. - gocaltech.com
The California Tech

Editors’ Note
Hello Caltech!

In case you haven’t noticed, we have made some changes to The Tech. We will be sending out a survey soon to gauge your opinion on the new changes, and to figure out what you want to see in The Tech.

Thanks for reading!

Yours truly,
The Tech Editorial Staff

The California Tech

Contributing Writers
Brad Chattergoon
Harrison Krowas
Janani Comar

Announcements

ASCIT Minutes
ASCIT Board of Directors Meeting
Minutes for April 29, 2014 Taken by Catherine Jamshidi

Officers Present: Zach Rivkin, Connor Rosen, Malvika Verma, Catherine Jamshidi, Michelle Tang, Connie Hsuhe, Patrick Nikong, Annie Chen, Nima Badmaegad

Guests: Margaret Lee, Chris Dosen, Elliot Simon, Parul Pubbi, Esther Du, Tom Parton

Call to Order: 11:02 pm

Funding Request:
• The Board received a funding request from Esther Du, outgoing Interhouse Athletics Manager, for the upcoming Field Day event. A formal budget breakdown was requested for the event, and the Board will look into finding avenues for funding the event.

President’s Report (Zach / Cat):
• Congratulations to the newly elected Board! Installation will take place on May 12th for the new BoD.
• The new BoD will need to appoint a Secretary to work with them this coming year.
• Cat will be organizing the transition dinner with Tom. It doesn’t look like May 12th will work, so we will instead be sworn in over lunch on the 12th, and hold off on the “dinner” part until everyone is available. Once we decide on a date, invitations will be sent out to guests.

Oficer’s Reports:
• V.P. of Academic Affairs (ARC Chair: Malvika / Nima):
  o ASCIT Teaching Awards will be held on June 5th at the Athanaeum. Winners were selected last weekend, and plaque orders and invitations to attend have been sent.
  o ACM 95 Update: There are lots of ongoing conversations regarding how to improve educating new professors on what’s expected. The ARC will be preparing an info sheet about “what’s normal” for Caltech classes.
  o There will be a new ARC Secretary in the coming weeks.
  o A survey will be sent out to undergrads about Bi1. The ARC would like to identify what students want out of an “Introduction to Biology” course, and get more information on why students substitute upper-level Biology courses for Bi1.
• V.P. of Non-Academic Affairs (IHC Chair: Connor):
  o The Tech Express will offer a few, more convenient ways of picking up packages. An email was sent out with details.
  o Chandler Kitchens will be modeled this summer, but it shouldn’t impact lunches / board dinners.
  o The IHC will be holding interviews for Committee Appointments on May 10th; interested students should look for sign ups in the next week.

Director of Operations (Connie):
• Connie is setting up a Netflix account for use in the ASCIT Screening Room. A reminder that rooms in the SAC can be reserved on donut.caltech.edu.

Treasurer (Patrick):
• Cat and Patrick will go through p-card training soon.
• Patrick will be meeting with Lorrie about the reimbursement process as soon as possible, since many students are still waiting – we are looking to fix this!

Social Director (Michelle / Annie):
• Holding on after-party at the Rath is no longer an option. Michelle and Annie are in the process of finding a solution.
• ASCIT Movie Night will likely place next Saturday (5/11) for Spiderman 2, and 5/31 for either Godzilla or X-men.

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News briefs from around the globe

Need to know <100 words about the world this week

Long-lost siblings reunited
28-yr. old twins set world record for longest separated, reunited for first times since birth [BBC]

California Chrome wins derby
22-yr. old trainer and jockey w/horse California Chrome is oldest person to win Kentucky Derby [TIME]

Teen’s bomb plan thwarted
4 counts murder, 6 counts explosive possession charged against MN teen after police found stash [CNN]

New prime minister appointed in Libya
48-yr. old businessman Almhen Mattiq sworn in by Libyan Parliament [TIME]

GM issues SUV recall
35k cars built in March-Aug. 2013 recalled for faulty fuel gauges [TIME]

Condoleezza Rice backs out of speech
100 Rutgers students protested Rice as commencement speaker because of Iraq war involvement [CNN]

Announcement from Chris Dosen, RevComm Chair:
Nomination sheets for off-campus BoC rep and off-campus CRC rep will be up outside Fleming on Tuesday May 6th until Friday May 9th at 5pm.

All interested undergraduates should sign up during that time (no late sign-ups will be considered). After signing-up, candidates should submit a candidacy statement (in plain text) and photo to The Tech at tech@caltech.edu. Elections will be held next week.

Retraction:
In Issue 22 of The California Tech, there were two misuses of the word “recant”: page 3, in the Review of The Grand Budapest Hotel; and in the headline for the Coachella article on page 4. In both instances, “recant” should be replaced with “recount.”
Calendar of events for the week of May 6- May 12, 2014

TUES. 5-6
10am - Charting Your Course Exclusively for Women, Winnett 3pm Caltech Library Workshop - "You and Your Thesis", SFL 328

WED. 5-7
8pm - Caregiver Resource Fair, San Pasqual Walk
10pm - Ocho de Mayo Dinner, San Pasqual Walk

THURS. 5-8
8pm - Sarah Reisman - From Nature to the Pharmacy: The Chemistry Behind Modern Medicines, Beckman Aud.
10pm - Trivia Night, Chouse

FRI. 5-9
8pm - Bandorama: Caltech Jazz Bands & Concert Band, Ramo Aud
11pm - MACH 33 Play Reading: Theory of Nothing, Hameetman Aud.

SAT. 5-10
4pm - ASCIT Spring Formal, off campus
Get some sleep and work on sets, everyone.

SUN. 5-11
Last Day for Seniors to Remove Conditions on Incompletes 3pm - Faculty Board Meeting, Millikan Board Room

MON. 5-12
The Tech comes out!

Counseling Center Announcement:
In response to student feedback, we’re changing the format of the Tuesday night Skills Group offered by the Counseling Center. Feel free to drop by the Health Education office (CSS rm248) on Tuesday nights between 7:30-10:30 to have a one-on-one conversation about mindfulness and to learn about some of the skills available to manage emotions more effectively and have better relationships.

Students are welcome to drop by to talk about whatever they’d like too! For more information call x3100 or visit counseling.caltech.edu

Crossword

<table>
<thead>
<tr>
<th>Across</th>
<th>Down</th>
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<tbody>
<tr>
<td>1. Ambit</td>
<td>1. Goods or money obtained illegally</td>
</tr>
<tr>
<td>6. Someone who overacts</td>
<td>9. DNA segment</td>
</tr>
<tr>
<td>14. Female</td>
<td>10. At any time</td>
</tr>
<tr>
<td>15. Female sheep</td>
<td>11. Mowed grass</td>
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<tr>
<td>16. Elude</td>
<td>12. Ripped</td>
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<tr>
<td>17. Highly skilled</td>
<td>13. Small wooded hollow</td>
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<tr>
<td>19. Staircase post</td>
<td>15. Notable achievement</td>
</tr>
<tr>
<td>20. High ranking officer</td>
<td>16. Healthy</td>
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<tr>
<td>21. Perpetual</td>
<td>17. At that time</td>
</tr>
<tr>
<td>22. Perpetual</td>
<td>18. Ripped</td>
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<tr>
<td>23. Hawaiian garland</td>
<td>19. Similar</td>
</tr>
<tr>
<td>26. Health spring</td>
<td>22. Environment</td>
</tr>
<tr>
<td>29. Rate of moving</td>
<td>23. Musician</td>
</tr>
<tr>
<td>31. Tradition</td>
<td>24. Call up</td>
</tr>
<tr>
<td>32. Male red deer</td>
<td>25. Call up</td>
</tr>
<tr>
<td>33. Excluded from use or mention</td>
<td>26. Call up</td>
</tr>
<tr>
<td>34. Drama set to music</td>
<td>27. Characterized by opposite extremes</td>
</tr>
<tr>
<td>35. Measuring instrument</td>
<td>28. Up and about</td>
</tr>
<tr>
<td>37. Soft drink</td>
<td>29. Open wagon</td>
</tr>
<tr>
<td>39. Story</td>
<td>30. Male red deer</td>
</tr>
<tr>
<td>40. Musical instrument</td>
<td>31. Excluded from use or mention</td>
</tr>
<tr>
<td>41. MACH 33 Play Reading: Theory of Nothing, Hameetman Aud.</td>
<td></td>
</tr>
<tr>
<td>42. Bandorama: Caltech Jazz Bands &amp; Concert Band, Ramo Aud</td>
<td></td>
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</tbody>
</table>

The Caltech Big 7 is collecting any photographs that you have of events such as homecoming parties, club events, open mic nights, intramural sports, etc. Please send any pictures that you have to caltechyearbook@gmail.com with the event name in the subject line. We appreciate your help!

The Tech comes out!
Acquired Taste  
Dr. Z

This is such a gimmick. They give us open kitchen once on the weekend once to appease us.

At any other school we’d have this every weekend.

Game of Thrones Pick Up Lines  
Audrey Liu

“Constructive” Criticism  
Leo Cragman

Answers to last week’s Sudoku

Answers to last week’s crossword

The California Tech
Caltech 40-58
Pasadena, CA 91125