



VOLUME CXXI NUMBER 6

PASADENA, CALIFORNIA

TECH@CALTECH.EDU

OCTOBER 30, 2017

Guiding Principles for Undergraduate Residential Life

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COUCH Committee

As most of you know, Bechtel Residence is projected to be completed fall 2018, but the exact use of the space is still being decided. The Committee on Undergraduate Caltech Housing (COUCH) was formed to thoroughly examine different potential residential models for Bechtel with the goal of offering a recommendation from the student perspective. The committee is comprised of six undergraduates, each leading a different focus group to study the proposed concepts: all-freshman housing, new house/houses, sophomore priority housing, unaffiliated housing, house "colonies" (similar to the existing "off-campus alleys"), and themed housing.

We've been conducting interviews with staff and administration at Caltech, collecting survey data, visiting other schools, and amassing a wealth of information about residential life.

We're now entering the stage of the process where we want to open up these findings to the community for feedback. We'll hold a town hall later this term, where we will talk about the findings of the focus groups. In addition, we have come up with a set of values vital to the Caltech community that we want to preserve or improve, and we want to frame the public discussion of Bechtel with these values in mind. We, the focus group leaders, have written this article to share these values with the community.

Mentorship

Caltech places unique value on the direct and individual mentorship of students. This characteristic is so prominent that it is embodied in the Caltech seal: the image of "passing the torch" to the next generation. While this symbolizes the formal education provided by faculty, it also represents the informal social and academic mentorship provided by peers and upperclassmen.

Among the other forms of mentorship available, mentorship by upperclassmen is varied and individual. This mentorship is not only useful when working on particularly difficult problem sets, but also can help students choose a major, navigate scheduling, and adapt to the new challenges of being a college student. Respect for the Honor Code and lifelong friendships can also come out of mentorship. Many upperclassmen have gone through the same classes and difficulties that underclassmen encounter, which establishes an organic support network that is immediately available to new students. The experiences of multiple generations of Caltech students should continue to be incorporated into the student experience to promote academic excellence and social development.

Support

A supportive community is one where all members--students, RAs, and anyone else in the community--encourage and help one another. It's a living situation where students feel like other people care about them, and where students are more likely to care for others. It is also a safe space where students can achieve success, and also find support to grow from their failures.

Community support can develop organically or through structured programs. RAs, peer advocates, and the services offered by the Counseling Center are all examples of formal programs. These systems can provide critical help from trained professionals dedicated to their jobs. A supportive network can also develop naturally: not everyone has, or needs to have, a title or a position. A close-knit residential system encourages individuals to look after each other, not out of obligation but from genuine empathy. A strong community should combine both types of support, both by being conducive to programming and by encouraging and enabling students to care for their peers.

Choice

Students should be able to choose a living environment that suits their needs, whether it be a quiet hallway, separation between academics and social life, or having close friends next door. Since students have their own unique preferences and lifestyles, it is important to offer a variety of living options to choose from. A comfortable space provides the foundation for a productive, enjoyable time at Caltech.

With great choice comes great responsibility. A sense of independence is grown out of the trust extended by administration to the students, with the underlying expectation that students will be able to handle the responsibilities that accompany their decisions. Through shared governance, students can cultivate a student-driven system of decision-making and grow with the guidance of peers and support networks in the community.

Diversity

Student life and culture at Caltech should support a broad range of interests, hobbies, passions, and subcultures. Students diversify themselves into houses and across them, providing a rich and varied culture to all of campus. This variety in interests enables students to simultaneously find niches and challenge themselves, and it is core to the Caltech experience. Beyond the variety of academics available here, the wealth of interests in the student body is evident in day-to-day life through the events, projects, traditions, clubs, and conversations that form the non-academic portion of student life (that isn't sleep).

The residential life system at Caltech should stay focused on enabling students to pursue their interests and seek out new and/or like-minded communities that cultivate their ideas and stem from their ambitions.

Identity

When students come to Caltech, they arrive with a unique set of perspectives, including their academic interests, gender identity, hobbies, and beliefs. From these experiences, each student's personal identity takes root.

Where we live can contribute greatly to the development of identity, so it is essential that the residential life system promotes the respect and freedom people need to express themselves and grow as an individual. Access to programming that introduces students to new topics of interest is one way to ensure students can develop their identity, but collective identity grows through the everyday interactions between friends, peers, RAs, professors, and staff. The Bechtel residential model

should foster the connections and support students need.

Honor Code

Through the Honor Code, the Caltech community strives to produce scientists and engineers with an education that goes beyond pure scholarship; Caltech students are given the opportunity to learn and grow in an environment that emphasizes integrity, honesty, and cooperation, three qualities that are integral to the larger scientific community. With students from a variety of backgrounds, each at a different place in their personal development, the community's dedication to upholding the Honor Code ensures that all Caltech scholars are given the chance to embrace these principles in their own life.

By exhibiting a commitment to integrity and fairness, the students, faculty, and staff of the Institute set an example for each new generation of Techers, passing these values onto others year after year. The Caltech undergraduate residential experience provides a crucial opportunity for students to learn from one another, ensuring that these values remain a central part of our community culture.

We hope this illuminates the values we want to preserve, and improve, in the Caltech community. The COUCH would like to extend a special thank you to Dr. Felicia Hunt and Dr. Joe Shepherd for their continued support throughout this process, and an additional thank you to the staff and faculty we have worked with throughout this process. Please reach out to couch2017@googlegroups.com if you have any questions or feedback.

Graduate Student Council to Hold Campus Art Gala

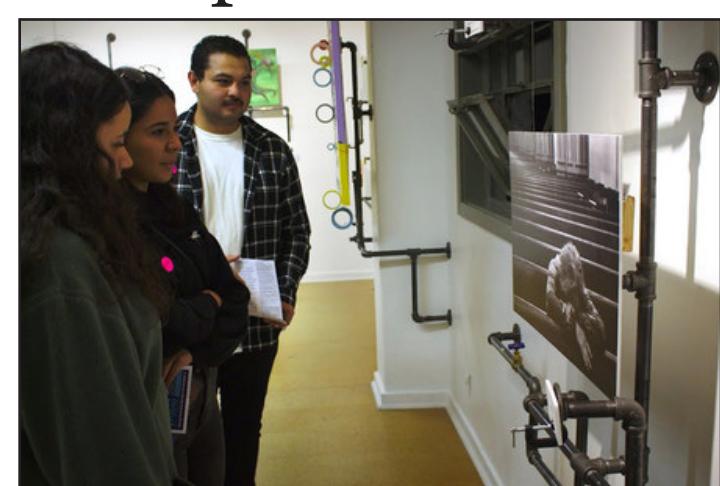
JON NALICK
Caltech Media Relations

promote the arts and showcase them as a way for Caltech to reach out to the larger community, says GSC Chair Alistair Hayden.

The event will be at Chandler Dining Hall on November 2, from 6–9 p.m.

"While we explore the universe through our science, the arts give us a chance to explore what it means to be human in that universe—and to hone the creativity we use in everything else we do here," he says.

The gala follows recent presentations of Caltech artworks at city venues including the Armory Center for the Arts.



Guests at the October 13 Pasadena ArtNight at the Armory Center for the Arts view an untitled photo by Caltech graduate student Pooya Vahidi.

Photo Courtesy of Caltech

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THE CALIFORNIA TECH

Caltech Y Column

CALTECH Y

The Caltech Y Column serves to inform students of upcoming events and volunteer opportunities. The list is compiled by Katherine Guo 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. The mission of today's Y remains the same—to provide opportunities that will prepare students to become engaged, responsible citizens of the world. The Y seeks to broaden students' worldviews, raise social, ethical, and cultural awareness through teamwork, community engagement, activism, and leadership. 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

Caltech Y Raffle

Thank you to @VIZIO for donating an all-new 50" Ultra HD Display to the Caltech Y 10th Annual Golf Tournament and Auction! Everyone will have the opportunity to purchase a raffle ticket to win this beautiful display that features a 4K Ultra HD picture and Chromecast built-in!

Call us at 626-395-6163 or email caltechy@caltech.edu or drop by our office at 505 S. Wilson Ave. to purchase your raffle ticket now! Tickets are \$5 each or \$20 for 5. The raffle will be drawn at our Dinner Auction on October 30th and the winner will be contacted after the event.

Since you are buying a chance to win a prize with the purchase of a raffle ticket(s), your raffle ticket donation is not considered a tax-deductible contribution, according to IRS regulations.

Take the HungerU Quiz to donate a meal to Union Station

Take this 5-min quiz <http://hungeruchallenge.com/> before November 1st and HungerU will donate one meal per finished challenge to Pasadena Union Station Homeless Service. Simply select "California Institute of Technology" as the location and complete the quiz!

Caltech Y Social Activism Speaker Series presents Doing Good Well: A Discussion about Effective Altruism with Michael Dello-Iacovo - Former CEO of Effective Altruism Australia and President of The Life You Can Save Adelaide

Friday | November 3rd | Location: TBA | 12:00 to 1:30 PM

[There will be a 12:50 break for those with 1:00 commitments]

Lunch Provided, RSVP: <https://goo.gl/forms/m1h2zKGtdnGYAnVA3>

In this talk, Michael will cover some key concepts used by the effective altruism community to determine how to increase ones' positive impact on living beings and the world. He will also discuss how to find the most high impact opportunities to make a difference as an individual and cover the latest state of research on the evidence of effectiveness for different interventions to help humans and other animals, both directly and indirectly.

Michael, a PhD student at the University of New South Wales in Australia, is currently interning at JPL where he is working on some of the technical, economic and ethical challenges involved in space exploration.

Previously he was CEO of Effective Altruism Australia, President of The Life You Can Save Adelaide, and held various roles as a geoscientist in the energy industry.

Caltech Explore LA Series: Horseback Riding in Griffith Park

Sunday | November 5th | 10:15 - 11:45 AM
| Transportation NOT provided
\$20 for 1 Hour Ride (due on sign-up) | Sign up at the Caltech Y

Join us for an exciting morning ride in beautiful Griffith Park. We will be riding horses from Circle K Ranch. Beginners and seasoned riders are welcome, as there are horses to meet every skill level. Our group will meet at Circle K Ranch (914 S. Mariposa St, Burbank, 91506) at 10:15 and should be back on campus around 11:45 AM. Spaces are limited. Those who wish to receive a spot will be expected to visit the Caltech Y to sign up and make payment (\$20) by the end of business hours, Thursday, November 2nd (as space allows).

Caltech Y Social Activism Speaker Series presents Understanding Uncertainty in Polling – A Look at 2016 Lunch Discussion with Dr. Erin Hartman - Assistant Professor of Political Science and Statistics, UCLA; Co-Founder, Blue Labs: Analytics, Data, Technology; and former Head of Analytics Polling, Obama for America.

Friday | November 10th | Annenberg 105 | 12:00 to 1:30 PM
[There will be a 12:50 break for those with 1:00 commitments]

Lunch Provided, RSVP: <https://goo.gl/forms/rUD3bQ6TruAqpayn2>

There have been a number of public polling misses in recent years, including the 2016 election, the "Brexit" election, and the loss of house majority leader Eric Cantor in 2015. These setbacks to the polling industry come at a time when measuring the attitudes of Americans is of utmost importance as both political parties struggle to reconnect with the American electorate after the struggles of the 2016 cycle. In this talk, we will consider "total survey error"—all the ways in which a survey can go wrong—and consider how this could lead to error in the 2016 polls. Understanding and communicating how statistical uncertainty and systematic bias can impact polls is important for ensuring that the public has confidence in our understanding of public opinion.

Erin Hartman is an Assistant Professor of Political Science and Statistics at UCLA. Her recent research focuses on creating new methods—including both theoretical approaches and new estimation strategies—for identifying and validating causal effects. In particular, she studies the methods under which experimental findings can be extrapolated beyond the experimental sample.

In 2012, Erin ran the polling operation for Obama for America's Analytics department, which very accurately predicted election outcomes in the campaign's battleground states. She also co-founded a successful analytics and technology start-up, BlueLabs, focused on providing analytics services to clients in politics, issues advocacy, healthcare, and education.

Caltech Y Explore LA Series: L.A. Kings vs. Vancouver Canucks at Staples Center

Tuesday | November 14th | 7:30 PM | \$27
| Transportation NOT provided

Caltechlive!

EARNEST C. WATSON LECTURE SERIES

Wednesday, November 1, 2017 • 8 PM

Going Out in a Blaze of Glory: Cassini Mission High



Linda J. Spilker,
Cassini Mission, Project Scientist,
Jet Propulsion Laboratory

Cassini mission's voyage of discovery revolutionized our understanding of Saturn, including where we might find life in our own solar system and beyond.

Public Lecture • Free Admission • Free Parking
Caltech's Beckman Auditorium
www.events.caltech.edu • 626.395.4652

Cosponsor:

Sign up at the Caltech Y (payment due at sign up)

Sign-up starting Thursday, Oct 19 at the Caltech Y at 10 AM

Come watch the LA Kings take on the Vancouver Canucks Tuesday, November 4th at 7:30 PM. Escape the LA heat and discover what's cool on this outing to the Staples Center in downtown LA. Check out the thrilling atmosphere, the fast paced action, the drama, the excitement! Whether you are a hard core hockey fan or new to the sport... don't miss out.

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. Explore LA is coordinated by the Caltech Y. The Caltech Y is located in the Tyson House 505 South Wilson (Bldg. 128).

Caltech Y Explore LA Series: The Color Run

Sunday | November 12th | 9:00 AM - 12:00 PM | StubHub Center, Carson

Sales begin Thursday, October 23rd at the Caltech Y

Subsidized cost: \$23 due when signing up
| Transportation NOT provided

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.

Color runners will feel on top of the world as they run through dreamy colored foam and will be delighted by new colors (PURPLE!) in the classic powder Color Zones. Along the course, participants can paint their aspirations on the Dream Wall, Transportation is included.

snap whimsical photos with giant unicorns and be the ultimate color inspiration as they party with friends at the Finish Festival amidst vibrant bursts of color throws.

Each Color runner will receive a limited-edition Dream Tour race shirt, embroidered headband, a fun temporary tattoo, and a one-of-kind Unicorn finisher's Medal. It's a 5K course that will have everyone feeling like they're on Cloud Nine.

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. Explore LA is coordinated by the Caltech Y. The Caltech Y is located in the Tyson House 505 South Wilson (Bldg. 128).

Pasadena LEARNS

Every Friday | 3:00 - 5:00 PM | Pasadena Come volunteer at Washington Middle and Elementary STEAM 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 azhai@caltech.edu. Eligible for Federal Work Study.

Hathaway Sycamores

Every Monday | 5:45 - 8:00 PM | Highland Park

Volunteer at Hathaway Sycamores, a group that supports local underprivileged but motivated high school students. There are a variety of ages and subjects being tutored. The service trip includes about 40 minutes of travel time and 1.5 hours of tutoring. Transportation is included.

ANNOUNCEMENTS

THE CALIFORNIA TECH

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This Week at Caltech

A collection of events on campus this week, compiled by the editors

Monday, October 30

4:00 pm - 5:00 pm

Literary Dimensions Seminar

Dabney Hall 110 (Treasure Room)

Curious Creatures: Aesthetics, Sentience, and the case of the Medieval Ape

Tuesday, October 31

3:00 pm - 5:00 pm

Meet the Laureates

Olive Walk

Wednesday, November 1

11:00 am - 1:30 pm

Contribution Cafe

Chandler Cafe

Thursday, November 2

11:00 am - 12:00 pm

Mechanical and Civil Engineering Seminar

Gates-Thomas 135

"Urban Physics: Is L.A. A Liquid Or A Solid? A Quantitative Approach to Cities Sustainability and Resilience"

Franz-Josef Ulm, Professor, Civil & Environmental Engineering, Massachusetts Institute of Technology

Friday, November 3

3:00 pm - 5:00 pm

Geometry and Topology Seminar

Building 15, Room 104

The 4-Dimensional Light Bulb Theorem

David Gabai, Department of Mathematics, Princeton University

LA Philharmonic Field Trip



Students enrolled in HSS music history courses and PVA programs teamed up to attend the LA Phil's performance on Saturday, October 21. The program featured music of Messiaen, Weinberg and Mahler.

Photo Courtesy of Tom Neenan

ARC Minutes 10.29.2017

Present: Kavya Sreedhar, Shreya Ramachandran, Alejandro Lopez, Adrian Huang, Maggie Anderson, Vibha Vijayakumar, Amrita Rhoads, Erika Salzman, Michael Yao, Ryan Han, Timothy Liu

Guests: Matthew Zeitlin

Minutes submitted by: Shreya Ramachandran

1. Programming

- Student Faculty Lunches (SFLs): aiming for two SFLs this term during week 9.
- Software Seminars: narrowed down to Git or UNIX, but Git is preferred.
- Course Capture: should start recording Ma6a by 2 students.

2. Projects

- TQFR Improvement: more details to be discussed during ARC retreat.
- Impact of newer unit requirements: look into whether this is promoting student research, whether under/overunited classes are being considered. Need data from Registrar's Office.

3. Miscellaneous

- ARC Retreat: will be on 11/17.

The ARC website at arc.caltech.edu has more information about what the ARC does if you are interested. We meet every Sunday at 11am in SAC13 and our meetings are open to everyone! If you have any questions, please feel free to email ksreedha@caltech.edu.

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THE CALIFORNIA TECH!

WE ACCEPT REVIEWS, OPINION
PIECES,
RESEARCH, NEWS
STORIES,
COMICS, AND MORE!

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The California Tech

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The advertising deadline is 5 p.m. Friday; all advertising should be submitted electronically or as camera-ready art, but *The Tech* can also do simple typesetting and arrangement. All advertising inquiries should be directed to the business manager at tech@caltech.edu.

Procrastination workshop

A 1-hour workshop offered 2 times this term:

Friday, October 13th, 4:00 - 5:00

Friday, November 3rd, 4:00 - 5:00

326 Sherman Fairchild Library

- Learn tools for coping with procrastination and work avoidance.
- Learn practical, behavioral strategies for responding differently to old habits.
- Respond differently to unhelpful thoughts like "I can just get up early and do this tomorrow."
- Optional text-based reminder system to keep the lessons fresh in the week after the workshop is over!

More information: counseling.caltech.edu

EMOTIONAL INTELLIGENCE TOOLKIT

3 modules / 2 weeks each / 1 awesome skillset

Emotional Awareness

Get better at knowing what you're feeling, and see how your thoughts and feelings affect each other. **October 9th and 16th**

Open-Mindedness

Learn how to be more flexible in the way you see the world! **October 23rd and 30th**

Face The Fear

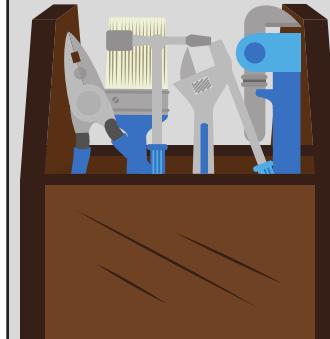
Learn how to hang in there with difficult situations and emotions without having to avoid them. **November 6th and 13th**

Just show up!

Mondays 4:00 - 5:00

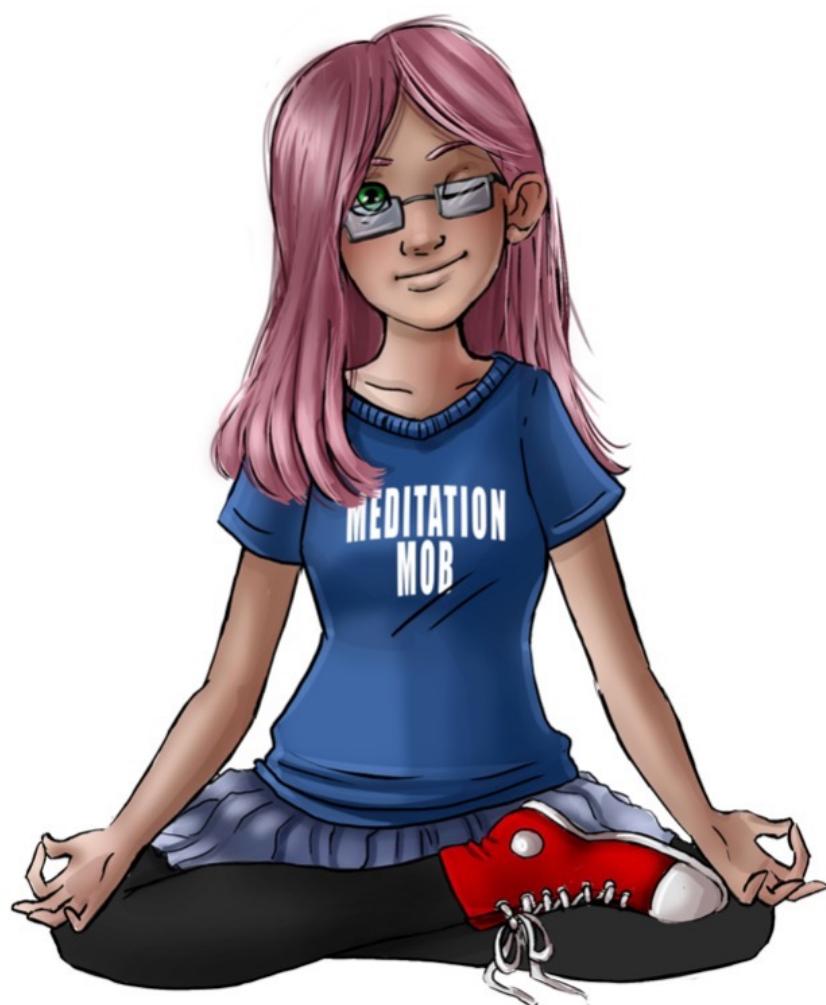
326 Sherman Fairchild Library

counseling.caltech.edu



Join the Meditation Mob!

Tuesdays, 12:00 - 12:50



Want to learn more about mindfulness meditation? It's a great way to improve your attention and to become more grounded in the present moment.

There's no religious component. We use secular, evidence-based meditation techniques.

We meet in the study room on the **9th floor of Millikan Library**. All students are welcome, from total beginners to experienced meditators.

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

VOLLEYBALL VICTORIOUS IN SCIAC AT LAST!

GOCALTECH.COM

Actual Sports Content Editor

PASADENA (Oct. 28, 2017) – Caltech women's volleyball joined the varsity ranks for the 1989 season. Today the Beavers won their first SCIAC game since joining the conference 17 years ago when they salvaged a thrilling 3-2 victory against the University of Redlands.

The Beavers only reached the fifth set once this season when they dropped it to University of Antelope Valley in the team's second game of the season. Since then, the youthful Beavers have grown together, discovered their roles and through defeat found a way to rally together in the face of adversity and make history on Saturday afternoon.

"It's an amazing feeling," Head Coach Tom Gardner said. "It feels like we've got a monkey off our back. There was a lot of pressure we were putting on ourselves to accomplish that first win this year and it should make the next one that much easier."

Freshman Krystyna Maruszko (Redondo Beach, Calif. / Marymount) put on a statement showing in the Beavers' second-to-last home game of the season, finishing the match with 14 kills, 20 assists and 25 digs and came just four aces away from an ever-rare quadruple-double. Sophomore outside hitter Alexa Lauinger (Ortonville, Mich. / Brandon) also came through on the attack with 16 kills to go along with 20 digs.

The Beavers took a 2-0 lead in the match thanks to two solid sets, yet close sets where they maintained control despite the Bulldogs being too close for comfort. Kills from Lauinger, then fellow sophomore Lauren Li (Bellaire, Texas / Bellaire) served as exclamation points for the first two sets. Adversity began to set in when the Bulldogs ran away with the set by winning the final



*So there IS a first time for everything!
(All jokes aside, congrats to volleyball. That's got to be a really special win)*

-gocaltech.com

four points. Tension mounted further after the Bulldogs stole a marathon fourth set, 31-29, where timely kills from Li and freshman Isabell Yang (Arcadia, Calif. / Arcadia) provided Caltech with multiple opportunities to put the Bulldogs down.

Having been in similar territory once before, the Beavers made sure to play a smart fifth set void of costly mistakes. They beat the Bulldogs to five points and had their foes at 8-6 on the switcheroo before pulling away with seven of the match's final 10 points.

"We've had all season to learn the playing habits of each other and for our players to trust their teammates in what they're supposed to do," Gardner said. "We've had our ups and down and have had time where we've doubted what we're capable of but the good habits we've been working on in practice finally showed themselves in full form in the fifth set."

Ultimately, the Beavers and Bulldogs proved to be two evenly matched teams.

Caltech won its first SCIAC set since 2012 against the Bulldogs when they traveled to Redlands last month and the set that came in 2012 was won against the same team.

The growth Caltech volleyball has seen is evident in another strong freshman class that in addition to Maruszko and Yang also features middle blocker Christine Yu (Fremont, Calif. / Mission San Jose) and libero Alessandra Mondello (Kinnelon, N.J. / Villa Walsh Acad.). Saturday's victory should be a sign of things to come so long as Gardner's group continues to grow together and make strides as a unit in the coming years.

"I said to the team that this is a new chapter," Gardner said. "We turned the corner and we still have a long way to go before we're a winning team but we're no longer a team that everybody just rolls over. We can compete and give ourselves a chance on any given night. We're only graduating two seniors so it's reasonable to believe one win will lead to more."

Gardner and the Beavers will finish off the 2017 season when they travel to West Coast Baptist College for a Halloween clash.

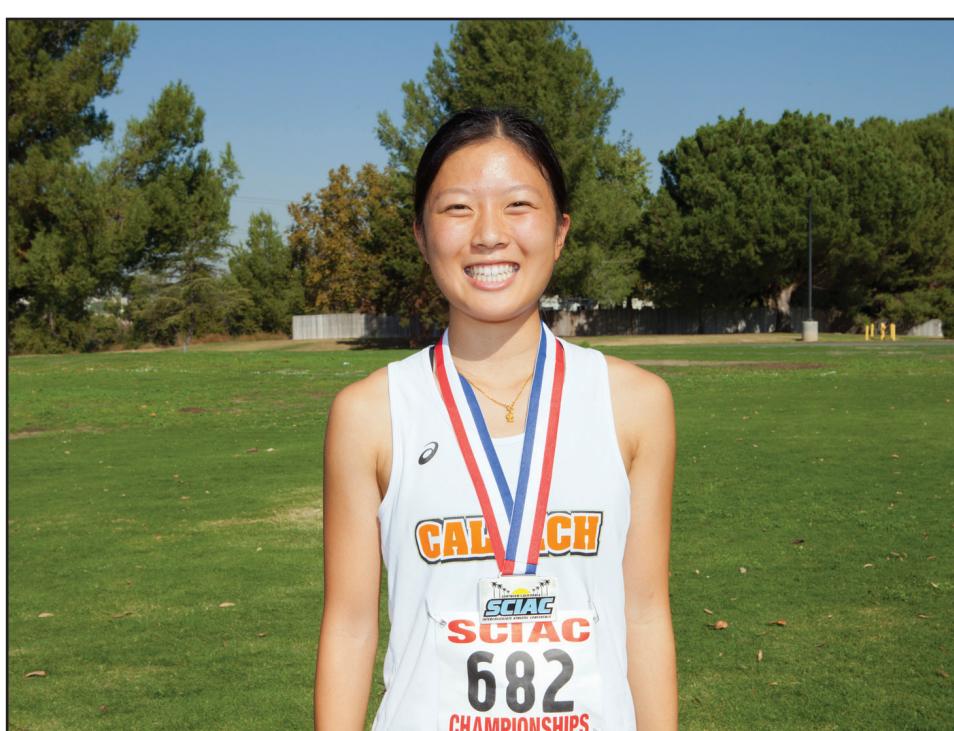
Hu Makes All-SCIAC Second Team at Championship Meet

GOCALTECH.COM

Actual Sports Content Editor

CHINO, Calif. (Oct. 28, 2017) – Freshman Claire Hu (Palo Alto, Calif. / Henry M. Gunn) placed 13th overall and second among freshman runners to take home All-SCIAC Second Team honors at Saturday's SCIAC Championship meet. The meet's first 10 finishers traditionally earn the distinction of All-SCIAC First Team while the second team is reserved for finishers 10 through 20.

Hu completed the Prado Park course in 24:08.39 to lead the Beavers. Fellow freshman Molly Crotteau (Chicago, Ill. / Payton) finished exactly one minute off Hu's pace to take the distinction of the second highest women's finish for the Beavers. She finished 28th overall and came just 23 seconds away from joining Hu on the All-SCIAC Second Team. Sophomore Jena Srikanth (Fresno, Calif. / Clovis North) returned to action and finished third on the team, clocking in at 26:27.34. Another sophomore, Skye Reese (Concord, N.H. / Concord) followed Srikanth by just 13 seconds and tied for her highest finish ever among Beavers. Freshman Krystal Brodsky (Redmond, Wash. / Redmond) finished fifth among Beavers with a 27:03.28 time and freshman Sirisha Gudavalli (Boulder, Colo. / Fairview) (27:25.53) and junior Melissa Gutierrez (Pico Rivera, Calif. / El Rancho)



From 682nd to 13th. Now that's what I call improvement

-gocaltech.com

(28:06.93) rounded out the Caltech women's top seven.

The men's team had a similar day in the context of the SCIAC field. Sophomore Simon Ricci (Chicago, Ill. / Latin School of Chicago) led the pack for Caltech and earned a 27th place finish. He completed the 8K course in 27:10.07 and came less than 20 seconds away

from also achieving a spot on the All-SCIAC Second Team. He did, however better his time from last year's SCIAC Championships by more than 40 seconds. Fellow sophomore Tanner Moore (Roseville, Calif. / Oakmont) came in 26 seconds behind Ricci but like Ricci also had a near 40-second improvement on his time from last year's event. Freshman pair Matthew Earney (San Diego, Calif. / Del Norte) and Spencer Morgenfeld (Palo Alto, Calif. / Palo Alto) took third and fourth place distinctions on the team. Earney finished the course in 28:20.47 and Morgenfeld finished just six seconds of his pace. Sophomore Tommy Alford (Dublin, Ohio / Dublin Coffman), who finished first on the team at last year's SCIAC Championships posted his best time of the season and finished fifth among Beavers (28:33.80). Alford also improved on his time from September's SCIAC Multi-Duals by about 90 seconds. Sophomore David Fager (Miami, Fla. / Belen Jesuit Prep) (28:59.23) and junior Rohan Choudhury (Cupertino, Calif. / Monta Vista) (29:19.33) rounded out the men's top seven.

Both the men's and women's teams matched their sixth-place finishes from last year's SCIAC Championships, though both teams set record scoring marks. The men made their mark with a team-best SCIAC score dating back to 2007 prior before Chapman University joined the conference. The women, meanwhile posted their best score since 1996 when there were only seven teams in the conference.

Head Coach Ben Raphelson and the Beavers will now begin preparation for the NCAA West Regional Championships on Nov. 11.

ANNOUNCEMENTS

THE CALIFORNIA TECH

NOMINATE YOUR FAVORITE PROFESSOR FOR THE FEYNMAN TEACHING PRIZE!!!

Here's your chance to nominate your favorite professor for the 2017-18 Richard P. Feynman Prize for Excellence in Teaching!

You have from now until December 15, 2017 to submit your nomination package to the Provost's Office to honor a professor who demonstrates, in the broadest sense, unusual ability, creativity, and innovation in undergraduate and graduate classroom or laboratory teaching.

The Feynman Prize is made possible through the generosity of Ione and Robert E. Paradise, with additional contributions from an anonymous local couple. Nominations for the Feynman Teaching Prize are welcome from faculty, students, postdoctoral scholars, staff, and alumni.

All professorial faculty of the Institute are eligible. The prize consists of a cash award of \$3,500, matched by an equivalent raise in the annual salary of the awardee. A letter of nomination and detailed supporting material, including, but not limited to, a curriculum vitae, course syllabus or description, and supporting recommendation letters should be emailed to kkerbs@caltech.edu or directed to the Feynman Prize Selection Committee, Office of the Provost, Mail Code 206-31, at the California Institute of Technology, Pasadena, California, 91125. Nomination packages are due by December 15, 2017.

Additional information including guidelines for the prize and FAQ may be found at <http://provost.caltech.edu/FeynmanTeachingPrize>. Further information can also be obtained from Karen Kerbs (626-395-6039; kkerbs@caltech.edu) in the Provost's Office.

VICE PROVOST OFFICE HOURS

VICE PROVOST, CHIEF DIVERSITY OFFICER, AND PROFESSOR OF ENGLISH CINDY WEINSTEIN HOLDS REGULAR OFFICE HOURS AS AN OPPORTUNITY FOR UNDERGRADUATE STUDENTS, GRADUATE STUDENTS, AND POSTDOCS TO MEET FOR DISCUSSIONS 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 CALTECH LIBRARIES.

THERE ARE FOUR 15-MINUTE APPOINTMENTS AVAILABLE PER OFFICE HOUR. SIGN UP IN THE OFFICE OF THE VICE PROVOST, PARSONS-GATES ROOM 104, EXT. 6339 OR BY SENDING AN EMAIL TO DLEWIS@CALTECH.EDU. WE LOOK FORWARD TO HEARING FROM YOU!

STUDENT OFFICE HOURS FOR FALL TERM 2017:

11/1/17 WEDNESDAY 11:00 A.M.-12:00 P.M.

11/7/17 TUESDAY 9:00-10:00 A.M.

11/16/17 THURSDAY 11:00 A.M.-12:00 P.M.

11/21/17 TUESDAY 10:00-11:00 A.M.

11/27/17 MONDAY 10:00-11:00 A.M.

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CROSSWORD

ASCIT Minutes

Meetings are every week in SAC 13

ASCIT Board of Directors Meeting

Minutes for 23 October 2017. Taken by Dana He.

Officers Present: Sakthi Vetrivel, Kavya Sreedhar, Rachael Morton, Sara Adams, Sarah Crucilla, Alice Zhai, Dana He

Guests: Kevin Gilmartin, Joe Shepherd

Call to Order: 12:15 pm

President's Report (Sakthi):

- Nothing to report.

Officer's Reports:

V.P. of Academic Affairs (Kavya):

- Would like to change TQFRs to be shorter and more clear so that more people respond and students get better data. Suggestions to consult with Cassandra, Cindy Weinstein, and the rest of faculty to get their input and to make sure to make all changes at once.
- Student Faculty Conference suggestions to revise curriculum included splitting Math 3 into statistics and data science courses and adding CS 1 to core. Should talk to Core Curriculum Committee and get faculty advocates, both in and out of computer science, and come up with a plan for when core curriculum is scheduled to be revised. Important to keep in mind the balance between core curriculum and elective flexibility.
- Suggestion to try a more intensive advising pilot plan for options with less people.

V.P. of Non-Academic Affairs (Rachael):

- IHC will remerge with COUCH in the next couple weeks. Ideas for remerging include a IHC-COUCH pairing system or IHC attending COUCH meetings as a supporting role. COUCH groups have collected a lot of data but would like to send out survey regarding quiet or substance-free housing before writing final report. COUCH is also writing a Tech article to inform students about housing values and COUCH findings. Would like to hold a town hall meeting in late November. Suggestion to figure out how to involve faculty and staff.
- Will send out a post-rotation survey to freshmen to get more specific feedback on rotation. For next year, would like to try to prevent rotation violations and other negative prefrosh experiences such as alcohol, noise levels, and allergies, instead of just catching them after they happen.

Director of Operations (Sara):

- Yearbook publisher is holding this year's yearbooks because last year's were never paid for. Unsure of how yearbook funding works. Will need to talk to Tom and Dmitri about this.
- Just sent out club funding forms to discuss club funding proposals.

Treasurer (Sarah):

- Ricketts ExComm lost a large amount of cash (\$1,000+) and would like ASCIT to reimburse it. Decision made not to reimburse it, as money should have been stored in Bursar's office.

Social Director (Alice):

- Nothing to report.

Secretary (Dana):

- Nothing to report.

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

Meeting Adjourned: 1:00 pm

ASCIT Board of Directors Meeting

Minutes for 27 October 2017. Taken by Dana He.

Officers Present: Sakthi Vetrivel, Rachael Morton, Sara Adams, Alice Zhai, Dana He

Guests:

Call to Order: 10:08 am

President's Report (Sakthi):

- Meeting for club funding next week at Tom's house, date TBD. We usually give out about \$15,000, which is what we set aside for this year.
- VPSA meeting was this Monday.
- Unsure what the status of the yearbook is.

Officer's Reports:

V.P. of Academic Affairs (Kavya):

- Planning software seminars. Thinking of teaching git or Unix this term.
- Course capture paperwork will be finished by the end of today. Recording should start next week.
- Student-faculty lunches are being planned.
- Talking to faculty about TQFR improvements next week.
- Looking into impact of new unit requirements. Tech article and data analysis report coming.

V.P. of Non-Academic Affairs (Rachael):

- IHC is remerging with the COUCH this weekend and revising and finalizing the Polaris plan and hashing out details of plan. Writing Tech article soon and there will be a town hall in late November or early December.
- Jon Webster is upset about off-campus students stealing large amounts of food from open kitchen, especially in Avery. Trying to figure out how to discourage this.

Director of Operations (Sara):

- Not in attendance.

Treasurer (Sarah):

- Sending out the remaining reimbursement requests from the summer.
- COUCH is presenting to the Board of Trustees today. Tech article will come out next week.

Social Director (Alice):

- Chandler outdoor dinner will be on October 30, with haunted maze in Lloyd courtyard.
- ASCIT movie night (Thor) next Friday.

Secretary (Dana):

- Nothing to report.

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

Meeting Adjourned: 10:30 am

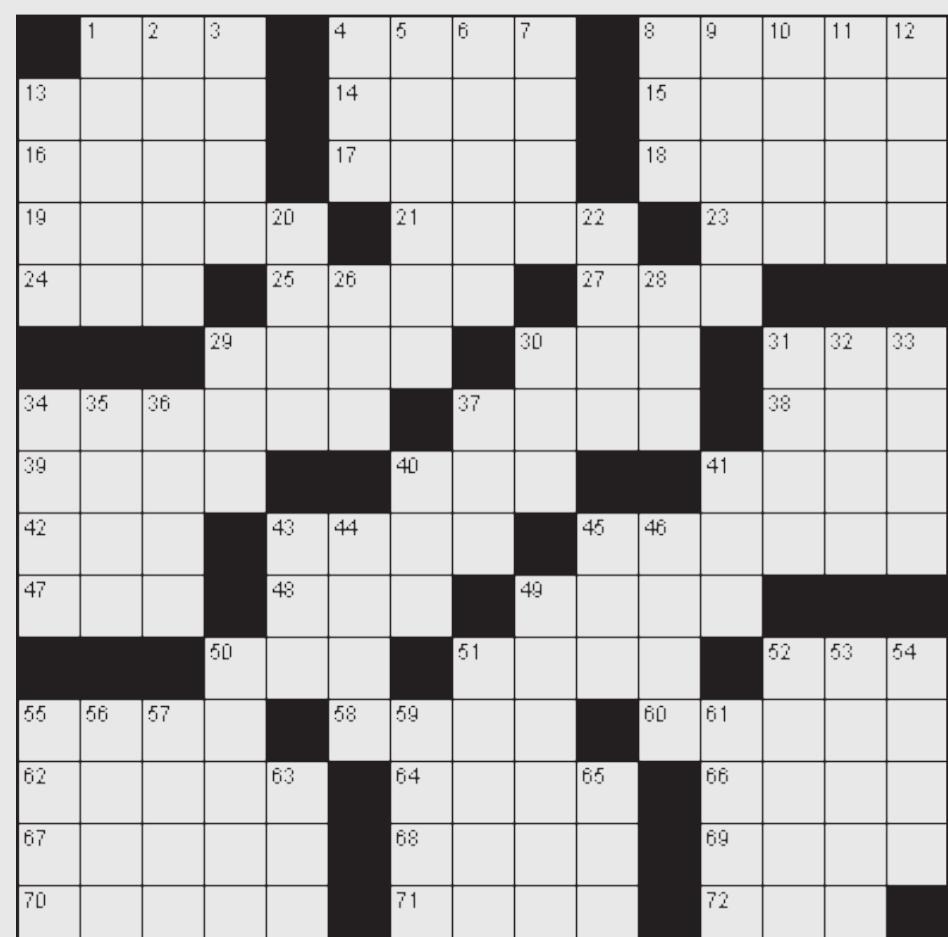
Crossword

Across

- | | | |
|------------------------------------|-------------------------------|---|
| 1. Gratitude | 52. Color or pigment | 33. Military installation |
| 4. Musical instrument | 55. Young sheep | 34. Salver |
| 8. On the move | 58. British peer ranking | 35. First class |
| 13. Prong | 60. Froth | 36. Large number or amount |
| 14. Desiccated | 62. Edible bulb | 37. North Atlantic food fish |
| 15. Under water breathing device | 64. Metal money | 40. Flipper |
| 16. Fury | 66. Region | 41. A great success |
| 17. Congregation | 67. Tennis stroke | 43. Assistance |
| 18. Established custom | 68. Voice quality | 44. Set of rules, principles or laws |
| 19. Sarcasm | 69. Mountain lake | 45. Mongrel |
| 21. Major or minor modes in music | 70. Confection | 46. Pokes fun at |
| 23. Young girl | 71. Turn or place at an angle | 49. Containing salt |
| 24. Floor covering | 72. Cunning | 50. Higher up |
| 25. Employed | | 51. Watercourse |
| 27. Gardening tool | | 52. Characteristic of farming or country life |
| 29. Den | | 53. Mineral used as an abrasive |
| 30. Relieve from | | 54. University administrator |
| 31. Globe | | 55. Deprivation |
| 34. Natural abilities or qualities | | 56. Afresh |
| 37. Funnel shape | | 57. Morass |
| 38. By way of | | 59. Plays a role or part |
| 39. Part of a tooth | | 61. Hits lightly |
| 40. Watch chain | | 63. Fish trap |
| 41. Chickens | | 65. Novel |
| 42. Emmet | | |
| 43. Corrosive substance | | |
| 45. Cower | | |
| 47. Affirmative | | |
| 48. Electrically charged particle | | |
| 49. Set of playing cards | | |
| 50. Append | | |
| 51. Aggressive remark | | |

Down

- | | | | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------|------------------------|-------------------------|-------------------------|---------------------|---------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------|-------------------------|
| 1. Jewelled headdress | 34. Block of metal | 52. Part of a hammerhead | 70. Type of tree | 88. Relative magnitude | 96. Brass instrument | 104. Wading bird | 112. Rodents | 120. Clean-cut | 128. Chinese currency | 136. Tibia | 144. Be seated | 152. Lyric poem | 160. Allow | 168. Steal | 176. Cooking appliance | 184. Resound | |
| 2. Agent or factor | 3. Lubricated | 4. Lout | 5. Miniature whirlpool | 6. Type of tree | 7. Part of a hammerhead | 8. Lubricated | 9. Miniature whirlpool | 10. Type of tree | 11. Lubricated | 12. Agent or factor | 13. Lubricated | 14. Miniature whirlpool | 15. Type of tree | 16. Lubricated | 17. Agent or factor | 18. Lubricated | 19. Miniature whirlpool |
| 21. Den | 22. Part of a hammerhead | 23. Lubricated | 24. Miniature whirlpool | 25. Type of tree | 26. Lubricated | 27. Agent or factor | 28. Lubricated | 29. Miniature whirlpool | 30. Type of tree | 31. Lubricated | 32. Agent or factor | 33. Lubricated | 34. Miniature whirlpool | 35. Type of tree | 36. Lubricated | 37. Agent or factor | 38. Lubricated |
| 39. Part of a tooth | 40. Lubricated | 41. Agent or factor | 42. Lubricated | 43. Miniature whirlpool | 44. Type of tree | 45. Lubricated | 46. Agent or factor | 47. Lubricated | 48. Miniature whirlpool | 49. Type of tree | 50. Lubricated | 51. Agent or factor | 52. Lubricated | 53. Miniature whirlpool | 54. Type of tree | 55. Lubricated | 56. Agent or factor |
| 57. Den | 58. Lubricated | 59. Agent or factor | 60. Lubricated | 61. Miniature whirlpool | 62. Type of tree | 63. Lubricated | 64. Agent or factor | 65. Lubricated | 66. Miniature whirlpool | 67. Type of tree | 68. Lubricated | 69. Agent or factor | 70. Lubricated | 71. Miniature whirlpool | 72. Type of tree | 73. Lubricated | 74. Agent or factor |



HUMOR

8

OCTOBER 30, 2017

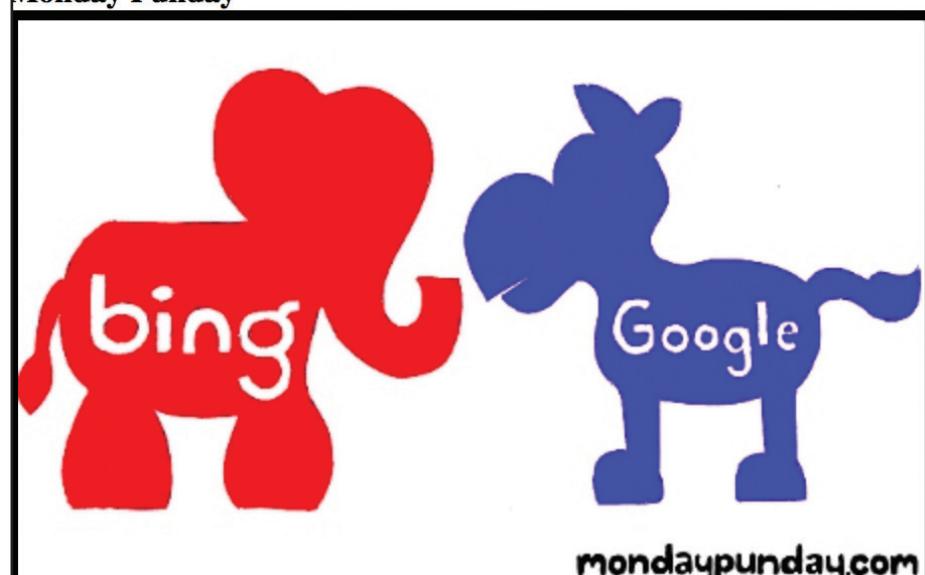
THE CALIFORNIA TECH

MAFIA WARZ

BY DAVID GINOLA



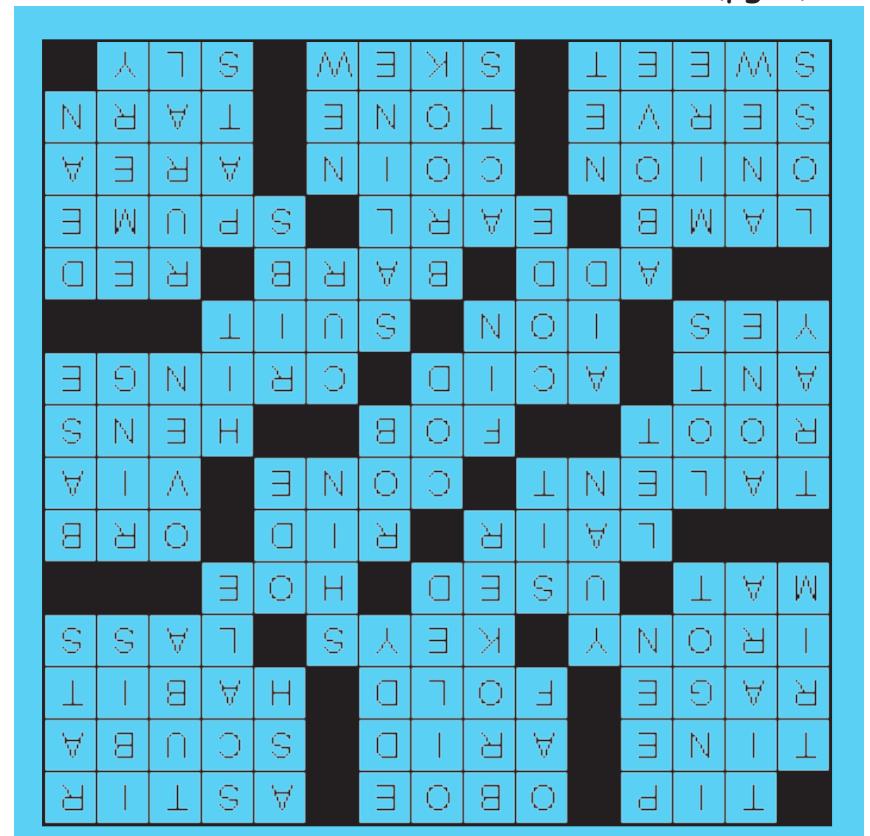
Monday Punday



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

Think you know the answer? Take a guess at mondaypunday.com/271

Answers to current crossword (pg 7)



-<http://puzzlechoice.com>

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