

THE 2015-2016 BIG T YEARBOOK
CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 E. CALIFORNIA BLVD, PASADENA, CA 91125

Winter Term 46 Winter Term 46 /2 Spring Term Houses 116 People 166

Dear Caltech Community,

We sincerely hope that you enjoy the 2015-16 Caltech Big T Yearbook. It was put together by an amazing group of people who believe in the value of preserving the memories from this special year and they deserve our utmost gratitude. This year was special for many reasons, both at Caltech and the world at large: amazing sports seasons, revolutionary scientific discoveries, and the prelude to one of the most controversial elections in recent history. We particularly enjoyed putting together this book because it was our last year at Caltech. Choosing the theme for the last yearbook we would print was bitterweet; however, "Ignite" really stuck with us, because it encompasses what we hope you will take away from this yearbook. It is no secret that producing yearbooks at Caltech is hard. It requires a lot of time, effort, and money. However, due to the determination of a small group of people, during our tenure the yearbook has been converted to full color, is produced on a more timely scale, and has started to gain some notice among the student body. The amount of opposition we faced was difficult, but the job got done. With our last yearbook, we wanted to "ignite" a fire within the students to show you that you can do whatever you want. The road will be hard, but it will always be worth it. Everyone at Caltech is intelligent and capable of making a difference in the world - you just have to believe you can do it. We know that the main thing on your minds are problem sets, but, we hope that you will take a second to think about what you can do to make each year more amazing than the last, both at Caltech and in all the years to come.

> Meghana Pagadala '16 Soumya Kannan '16 Editors-in-Chief, Big T 2015-2016



FALL TERM MOVE IN DAY MOVE IN DAY MOVE IN DAY

FROSH CAMP 008 010 **ROTATION** 012 **CARNIVAL M CROSS COUNTRY** 014 **W CROSS COUNTRY** 018 **VOLLEYBALL** 022 026 **M WATER POLO** 030 SOCCER STUDY ABROAD 034 038 **DIWALI FALL ACAPELLA** 040 **MIDNIGHT MADNESS** 042 **CALTECH Y INDIA TRIP** 044







1. ORIENT YOURSELVES. RLC Laurissa Charnasangavej points a Caltech parent in the right direction on Move-In Day. 2. FRESH PRINCE OF CALTECH. Daniel Xu '19 cannot hold back a smile as he settles into his new room with family and his rotation roommate Tanner Reece '19. 3. PACKED LIGHT? FCC Robert Eng '18 helps Caltech parents move their child's luggage, but this endeavor is not easy. 4. ACCEPTED. FCC Anshul Ramachandran '18 and Felix Weilacher '19 pose for a picture that captures the exciting first day of school. 5. NEW PLACE, NEW FRIENDS. FCC Gillian Kopp '18, Alyssa Poletti '19, and Cindy Huang '19 hang out together and get to know each other better.



time I didn't know

Takahashi '19

On move-in day, the new freshmen class move into their new rooms, join new communities, and befriend their new

communities last all of two weeks. The day is full of both excitement time." - Gemma and enthusiasm. as well as trepidation and terror. Carrying all of

their possessions and beginning this new adventure is both liberating and constraining. As Gemma Takahashi '19 says, "There was so much time I didn't know what to do with my life. I could sleep, eat, and work when I wanted no questions asked." Yet, there is the responsibility of freedom – to make sure that you "Talk to

neighbors. This is especially imporThere was so much On this day, parents and level ones have to say goodbye to their children for what might be the what to do with my first time and let them go begin an independent life. After all in the words of a Taylor Swift song, they take a deep breath and walk through the doors

on the morning of their very first day. It's their freshmen year and they're going to be here for the next four years in this town. Move-in day is the beginning of an exciting journey. - Nicholas Hutchins





Photos: All by Michael Wong, Layout: Meghana Pagadala

After arriving on campus for what might be the first time, the new freshmen are immediately bussed off campus. In the

spirit of the word "camp," frosh camp takes place at the Marriot

"Before coming here, I'd felt that their classmates from the there'd always been this sort of stereotype about Caltech students. During Frosh Camp though, I realized that many chance to compete of those stereotypes were

they have developed of summer online and from prefrosh weekend begin to go away. As Brian Lue says, "Before coming here, I'd felt that there'd always been this sort of stereotype about Caltech students. During Frosh - Brian Lue '19 Camp though, I realized that many of those

stereotypes were completely false."

geology hike of the nearby hills, and most

importantly, meet their classmates for the

next four years. As a result, perceptions

- Nicholas Hutchins

Hotel in Ventura Beach. New students get the spend time on the completely false." beach, and learn more about what

is ahead in the next few years. They get to spend relaxing time at the beach, enjoy a

MEET THE CCs

BIANCA LEPE

Class: Senior Option: BioE. BEM House: Ruddock

"As an FCC I had the pleasure of meeting both the new freshmen class and wonderful exchange students. I remember being really nervous when I was a new student both at Caltech and when I studied abroad, so as a counselor I enjoyed welcoming our new students and giving as much knowledge and advice about Caltech as possible."



AMANDA GAO

Class: Junior Option: Computer Science House: Lloyd

"I remember really enjoying my time as a new student at Frosh Camp, and I found out this year that I could have just as much fun as a Freshman Camp Counselor! I got to hang out with fellow upperclassmen, spend a few relaxing days at the beach, and share my knowledge and love of Caltech with some very cool new students."





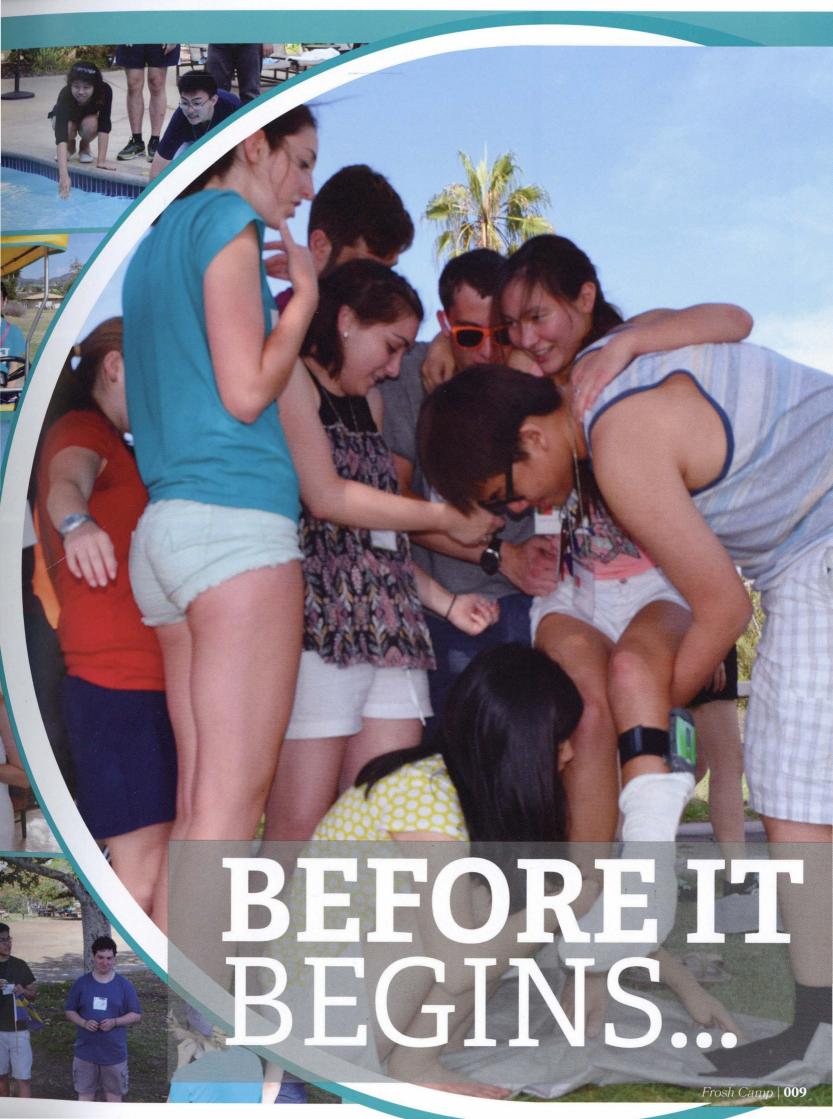












1. POOL AND CHILL. At Frosh Camp, a group of freshman gather next to the pool to get to know each other.
2. CLUB CALTECH. Thankfully, the Frosh Camp party does not require you to be 21 to enter. Freshmen fill the hotel ballroom for some good dancing and music.







3. PANEL, PLEASE. Caltech is a tough place, so thankfully some seasoned students come together to share the "Challenges and Choices" they had to make at Caltech. 4. KEEP IT CLASSY. During rotation, every house hosts an event. Freshmen gather at Ruddock's event, Chez Ruddock.





















5. SPLASH! If you went to Fleming's rotation event, hopefully you were ready to get dirty. Fleming organized "Dirty Dodgeball," combining paint with a fun game of dodgeball. **6. ROCK ON!** Ricketts House organized a Rotation Open Mic event that attracted guite the crowd.







HOUSE HULL



SEPTEMBER ENDS



The carnival is an annual event that takes place on the eve of the first day of classes, a day to mourn the end of the summer and while "celebrating" the beginning of a new year. It is held on Beckman lawn and beckons the entire Caltech community to rejoice in mindless fun - whether that means you're trying to dunk your best friend into the dunk tank with a piercing throw or reaching new heights on the bungee trampoline. This year, with food galore and fun beyond what seems possible, it was a day you wouldn't want to miss. After a day full of activities, fun food like cotton candy, and a plethora of pointless yet entertaining arcade games, the night ended with a showing of the Jurassic World movie, followed by a heart stopping, breath taking fireworks display that truly represented the magnitude of our sadness to see the summer end. Though



1. 3...2...1...LIFT OFF! Sandra Ning '18 gets strapped into a harness for some fun jumping on the bungee trampoline. 2. BULLSEYE. Drew Schaffer '18 winds up his arm to throw at the target as the innocent person in the dunk tank awaits his fate.

3. COOL FOR THE SUMMER. A group of Caltech undergraduates gather together as they get ready for the school year after a fun-filled summer.





He distance

"My proudest achieve-

men I mentored this

year go on to break

records and lift the

program even higher."

- Aditya Bhagavathi '16

The Caltech Men's Cross Country team had another amazing year as numerous athletes repeatedly set new personal records and the freshman class showed immense potential in continuing a tradition of success.

At the first meet of the season, the Redlands Invitational, senior Jared Forte '16 and freshman Rohan Choudhury '19 led the team with times of 19:44 and 19:46, respectively. Their times were the two fastest on record at this course, and

Forte clocked in 50 seconds faster than he did as a freshman. These successes, however, were not isolated; when the underclass-Mason MacDougall '18. Elliot Simon '16. Mark Lorden '16, and John McDaniel '18 finished the race strong, each significantly decreasing their times since previous years.

Fast forward-

ing to the SCIAC Multi-Duals, in mid October, it was evident that the Beavers meant big business this season. Senior Aditya Bhagavathi '16 paced the men's team, placing second overall and only 19 seconds behind the first place runner with a time of 25:47.82. The other five members of the men's team crossed the line in quick succession, within 18 places of one another. Freshman Michael Hashe '19 dropped 16 seconds off his time from two weeks prior.

On Halloween, the men ran at the SCIAC Championships, where Bhagavathi '16 led the team to a fifth-place finished. He earned All-Conference honors, and fellow seniors Forte '16 shaved 55 seconds

off his Multi-Duals time while Alexander Anemogiannis '16 cut 51 seconds off his 2014 performance. Juniors Bobby Sanchez '17 and Rishabh Pipada '17 dropped 1:26 and 38 seconds, respectively.

At the final team race at the NCAA Championships in Claremont. California, Bhagavathi '16 again led the team. However, the rest of the senior class was absolutely crucial to the success of the team as well, with Forte '16 finishing 62nd, Anemogiannis '16 finishing 66th,

and Mark Lorden '16 finishing 113th. Lorden shaved 1:13 off his Multi-Duals time to earn his only sub-30-minute 8km of his career.

Together, the class of 2016 was a major part of the 2015 men's cross country team. Aditya Bhagavathi '16 reminisces, "Caltech XC has been one of the most meaningful activities dur-

ing my college days, because of both the fun and character development I've experienced along the way. My proudest achievement though will be when the underclassmen I mentored this year go on to break records and lift the program even higher." The five seniors will undoubtedly missed, but leave behind a legacy of perseverance and immense success. -Harinee Maiyuran

The Team: Alexander Anemogiannis '16, Aditya Bhagavathi '16, Rohan Choudhury '19, Rohan Doshi '19, Jared Forte '16, Nick Haliday '17, Michael Hashe '19, Joey Hong '19, Noah Huffman '19, Mark Lorden '16, Mason MacDougall '18, John McDaniel '18. Rishabh Pipada '17, Ethan Pronovost '19, Bobby Sanchez '17, Elliot Simon '16, Gene Vaughan '18 Coaches: Ben Raphelson, Emma Berndt





Photo: Mark Becker. Layout: Meghana Pagadala

SPOTLIGHT: **ELLIOT SIMON**



How has running cross country and being a student-athlete influenced your time at Caltech?

ing an intercollegiate athlete did for

If you were stranded on an island, what three things would you bring with you and why?

If you were running for president, what would your slogan be?







THE RACE SETS THE PACE. The team poses for a photo. Top row from left to right: Coach Ben Raphelson, Nick Haliday '17, Rohan Doshi '19, Gene Vaughan '18, Bobby Sanchez '17, Michael Hashe '19, Alexander Anemogiannis '16, Ethan Pronovost '19, Jared Forte '16, Joey Hong '19, Noah Huffman '19, Rohan Choudhury '19 and Assistant Coach Emma Berndt. Bottom row from left to right: Mark Lorden '16, Elliot Simon '16, Mason MacDougall '18, Rishabh Pipada '17 and Aditya Bhagavathi '16.

1. ON YOUR MARK! Jared Forte '16 pins on his number as he prepares himself for the race. 2. KEEP RUNNING. Team captain Elliot Simon '16 keeps pushing forward to complete the race. 3. STAY FOCUSED. Aditya Bhagavathi '16 blocks out the noise to continue breaking records. Already, he has been awarded Capital One Academic All-America Second Team, Academic All-District First Team, First Team All-SCIAC, and Outstanding Male Athlete of the Year in an Individual Sport. 4. OVER THE HILLS. Jared Forte '16 and Rohan Choudhury '19 are not too far apart from each other as they approach the finish line. 5. IN STRIDE. Rohan Doshi '19 and Alexander Anemogiannis '16 are neck and neck as fans watch them start the race. 6. THE EXPERIENCED AND THE NEW. Despite the difference in their experience levels, Aditya Bhagavathi '16, Rohan Doshi '19, and Rohan Choudhury '19 share their love of running and make Caltech proud as they break personal and school records.



IN STRIDE

The Team: Beatriz Atsavapranee '18, Caroline Atyeo '18, Robin Brown '18, Melissa Gutierrez '19, Ariel Hasse '19, Lily Luo '17, Michelle Marasigan '19, Alice Michel '16, Rachel Thorp '16

Coaches: Ben Raphelson, Emma Berndt

The Caltech women's cross country team, led by freshmen Melissa Gutierrez '19 and Michelle Marasigan '19, made immense strides (pun intended) this season, starting on day 1. At the University of Redlands Invitational in early September, the rookies led the team to a nearly 3 minute improvement on their average time, joined by sophomore Caroline Atyeo '18. Gutierrez was just 17 seconds off from the 6k record time of Stephanie Reynolds '15, foreshadowing continued success for the rest of the season. Coach Ben Ralphelson reflected upon this race and his three leaders after the race, expressing immense pride in their performances: "Melissa and Michelle ran intelligent races and competed with poise to record very strong

finishes. It was great to see them competing in a Caltech uniform for the first time. This was a very promising start for Caroline too after being unable to run this race last year due to injury. The result she produced today was one of her best races at Caltech."

At the Pomona-Pitzer Invitational barely a month later, it was clear that the team meant business this season and possessed a clear sense of depth that would be crucial to their achievements. The freshman leaders were joined by Ariel Hasse '19 and Lilly Luo '17, who raced their first collegiate races of the season. Robin Brown '17 showed immense im-

provement as well, cutting 30 seconds off her per mile time compared to her race just two weeks prior. Senior Alice Michel '16 also made her season debut at Pomona-Pitzer.

The SCIAC Championships on Halloween brought with it its own joys. Marasigan '19 paced the team with a 70th-place finish, followed by Gutierrez '19 in 72nd place. Atyeo '18 rounded out the top three finishers, with a 76th place finish, followed by Rachel Thorp '16 in 84th. Thorp and Atyeo stepped up immensely despite limited racing time during the season, and all round growth was clear. Caroline Atyeo '18 reflects on her love for cross country: "The best part of cross country for me is the feeling of satisfaction after finishing

"The best part of cross country for me is the feeling of satisfaction after finishing a race, no matter the outcome of the race."

- Caroline Atyeo '18

a race, no matter the outcome of the race. This feeling is unmatched by feelings of success from other sports, and it is the reason I continue running after all these years."

At the final meet of the season, each runner improved

with a personal record of her own. The freshmen led the team, but were joined by Thorp '16, Luo '17, and Atyeo '18. Ralphelson summed up the season in a two simple, yet impactful sentences: "These seniors have made a lasting impact on both programs. We'll be counting on our younger runners to build on what they've established." - Harinee Maiyuran

SPOTLIGHT



Who is your role model?

My mom is one of my strongest role models. She's never intimidated by obstacles in life. Eight years ago, she returned to graduate school at 48 years old to get a new masters in psychotherapy, and has successfully built her own private practice since then. She has also only recently picked up running, but has run three miles every morning for the past year and is now in the best shape of her life. She takes risks and stops at nothing to achieve her goals.

What are your plans after Caltech?

I'll be pursuing a Masters degree at UC Berkeley in the Information and Management Systems program to study data analytics.

If you were stranded on an island, what three things would you bring with you and why?

My acoustic guitar (even though I'm pretty terrible at playing) for portable music to keep my spirits up; a good book to pass the time (maybe The Sirens of Titan by Kurt Vonnegut?); and, most importantly, my kitten Olive so I could have a buddy!

Who is your role model?

My parents. I also really look up to my friends and some professors here.

How has running cross country and being a student-athlete influenced your time at Caltech?

Being on the team definitely forced me to procrastinate less and organize my time better, so that has helped me with school, but the most significant thing it did was let me get to know people. I've met some of my best friends through cross country!

What are your plans after Caltech?

Well I'm taking a year off to try to figure out what I want to do. Right now I'm thinking I'll apply to grad school in the fall, but I'm not sure for what yet. I intend to travel and do geo/bio jobs/internships.

If you were stranded on an island, what three things would you bring with you and why?

A water filter, because I'm practical. And a notebook and a pencil so I can draw and not go too crazy! I hope it's a tropical island

If you were running for President, what would your slogan be?

umm "Feed the Mantaray"



SPOTLIGHT

SPOTLIGHT



Who is your role model?

Definitely my mom. She might be tough on my brother and I but she is the most caring person I know. She never accepts less than my best and living up to her expectations pushes me harder every day even if she isn't here physically.

How has running cross country and being a student-athlete influenced your time at Caltech?

Running cross country has made me much better at organizing my time right from the start of freshman year. In high school I was able to procrastinate and still finish everything I needed to, but at Caltech running cross country has made me appreciate every second I have to work.

If you were stranded on an island, what three things would you bring with you and why?

A book: I never have time to read, but I guess if I was stranded on an island I'd have plenty of time...

A flare: Considering I'm stranded, I guess it would be a good thing to get rescued on the off chance that someone sees the flare and the even less likely possibility that they come rescue me

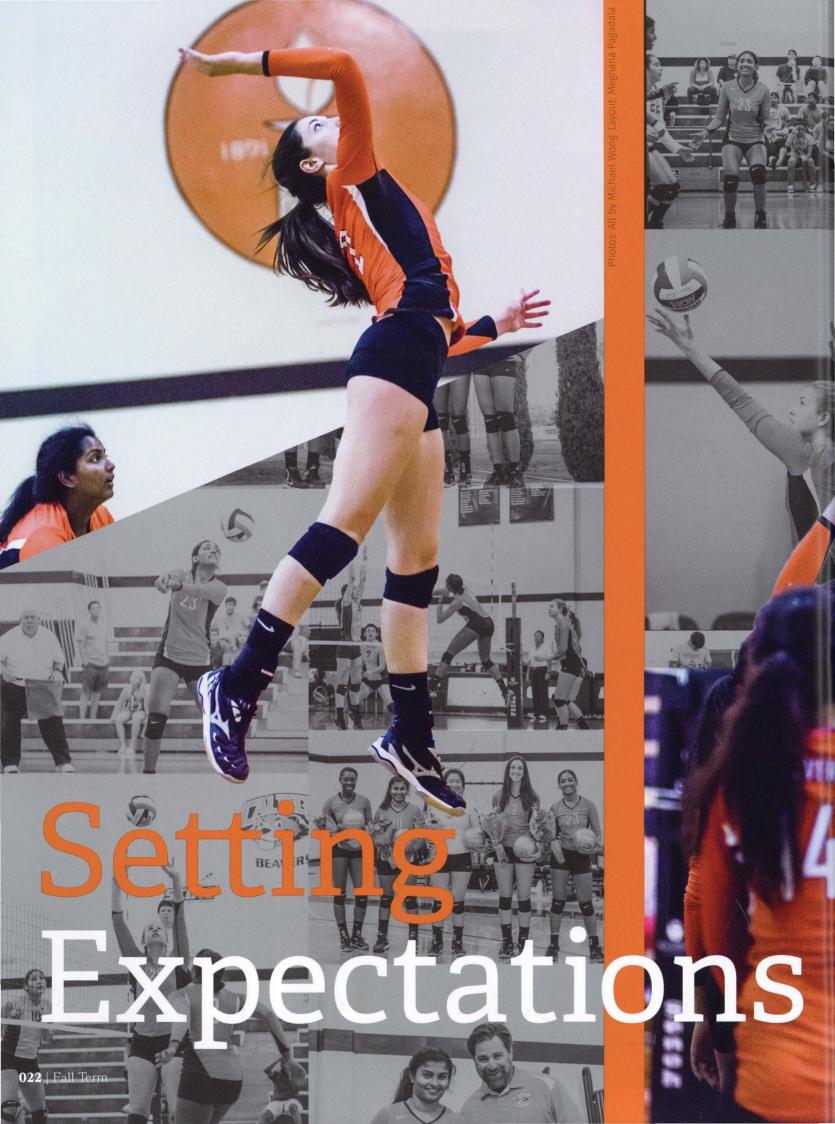
A box of matches: There's nothing better than a nice bonfire on an island. You'd even get the sound of the waves crashing from all directions.





1. RACE ME MAYBE? Lilly Luo '17, Alice Michel '16, and Ariel Hasse '19 start their meet off strong as they try to outrun the competition. **2. BRINGIN' SEXC BACK.** The cross country girls gather for a team photo. **3. NO EXCUSES.** Robin Brown '18 keeps running to finish the race. **4. BREATH OF FRESH AIR.** Beatriz Atsavapranee '18 enjoys her time before she has to begin the meet.





After losing a single senior in the 2014 season, the women's volleyball team entered the 2015 season with a strong lineup led by its five seniors. With unique skill sets, the quintet often comprised the starting line up, with Catherine Jamshidi '16 and Meghana Pagadala '16 as the out-

lleyball has

question about it

side hitters, Amarise Little '16 as a middle blocker, Harinee Maiyuran '16 at set- defined my time ter, and Amy Hu '16 at Caltech, no at liberos.

The team last year, sweeping Mills College twice in an epic double header on October 11, and annihilating

West Coast Baptist on senior night with a decisive 3-0 win after losing the first match of the season 10 weeks prior.

Despite the story told by the stats, it was - perhaps - the nail biting third set against Whittier College that defined

the marathon season through which this team continuously fought. After a rough first two sets with 6-25 and 14-25 losses. the team rallied in the third set, tying with Whittier at 7-7 and 16-16, ultimately earning a possible set point at 24-23. With the Orange Out event that same night, the

> stands were packed with fans who were eager to see the team victorious, and the gym was alive with energy. Although the score eventually indicates a loss, this set and the progression through the 14 and finally 24, demonstrated the dynamic nature of this team. All 14 players came together both on the court and on

the bench, along with the many fans present at Braun Gym, to nearly earn the first set victory in a decade. Harinee Maiyuron '16 remembers," It was my favorite night of the season, and though the scoreboard was not in our favor, the final set showed

me what this team is truly capable of. I've never felt an adrenaline rush like I did that night. Volleyball has defined my time at Caltech, no question about it."

The 2015 team improved on last year immensely, totaling more than 100 more kills, posting a higher positive hitting percentage, serving 35 more aces, making 27 more blocks, committing 79 fewer reception errors, and racking up a whopping 249 more digs. The team averaged 9.5 additional points per match while recording four more set wins and one more victory than last season.

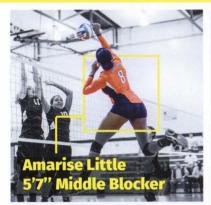
momentum into preseason in Fall 2016, armed with recruits and ready to further this progress. - Harinee Maiyuran

The Team: Rachel Ng '18, Catherine Jamshidi '16, Suzannah Osekowsky 17, Ker Lee Yap 17, Amarise Little 16, Amy Hu 16, Harinee Maiyuran 16, Anna Winnicki '18, Ciara Ordner '18, Sakthi Vetrivel '19, Preethi Periyakoil '18, Mayra Melendez '18, Meghana igadala 16. Kate Lewis 17

Coaches: Tom Gardner, Lea Anderson, Jerry Lucio, Kathy Torres, Kevin Ye



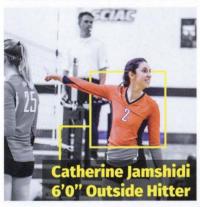
SeniorSpotlight



"I enjoyed volleyball, because I loved being around such a great team."



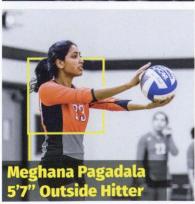
"I've met some of the most inspirational women and forged the strongest friendships while being on the team."



"I just loved all the support from my teammates and the crowd. It was great playing with such energetic and enthusiastic fans for 4 years"



"Despite the multiple surgeries and hours spent recovering, it was all worth our senior night game and the 3 victories we earned in this season. I have made some of my best friends due to volleyball."



"I love being on a team that knows how to have fun and work hard at the same time. There is no other group of women that I would want to be on the court with."



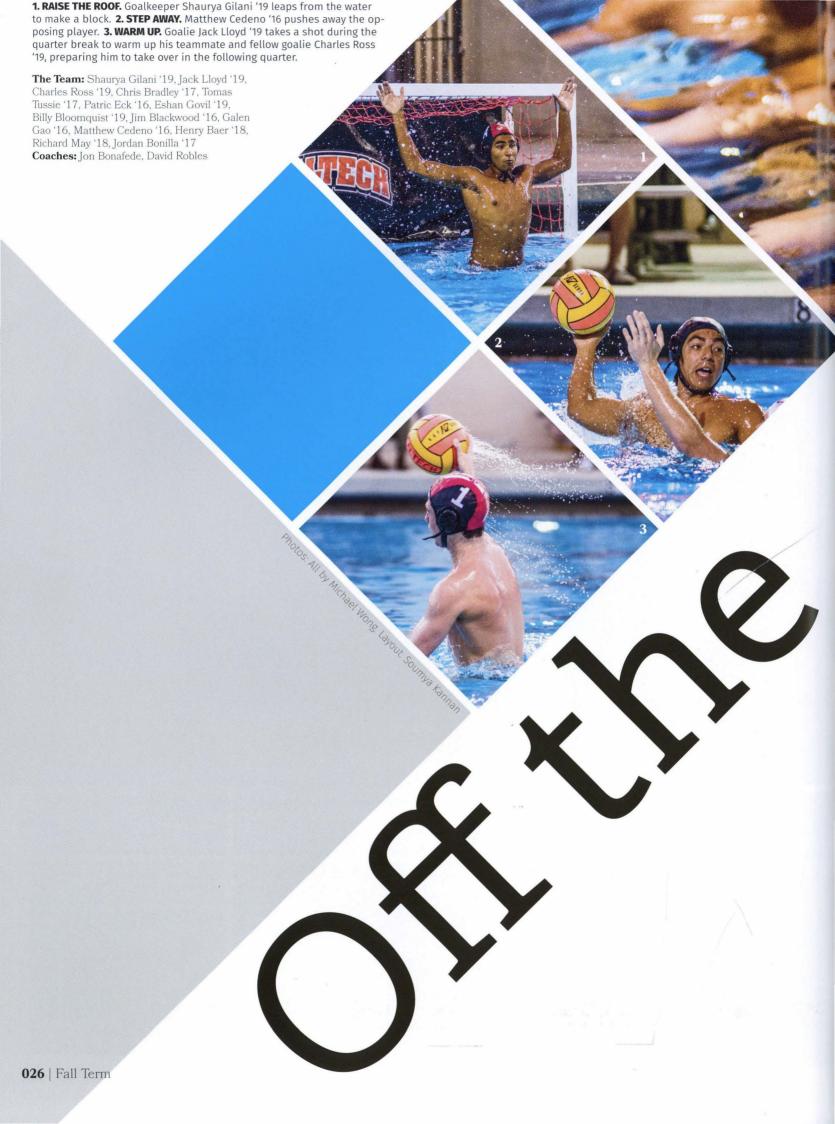








1. A...C...E...ACE! The team celebrates after an ace. 2. YOU JUST GOT SERVED. Harinee Maiyuron '16 serves to the awaiting West Coast Baptist team. 3. QUEENS OF THE COURT. The volleyball team poses for a team picture outside of the gym. Bottom row from left to right: Kevin Yei '18 and Jerry Lucio. Middle row from left to right: Assistent Coach Lea Michelle, Amarise Little '16, Sakhti Vetrivel '19, Suzannah Osekowsky '17, Catherine Jamshidi '16, Kate Lewis '17, Preethi Periyakoil '18, Meghana Pagadala '16, and Coach Tom Gardner. Top row from left to right: Anna Winnicki '18, Amy Hu '16, Ciara Ordner '18, Harinee Maiyuron '16, Mayra Melendez '18, Ker Lee Yap '17. Not pictured: Kathy Torres.



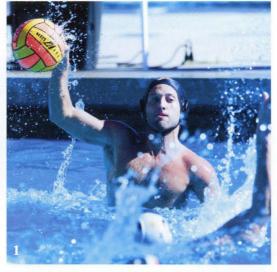


1. STICKY HANDS. Jim Blackwood's '16 grip on the ball defies gravity as he leaps out of the water.

2. RISE ABOVE. Despite the opposing player's hand pushing him down, Chris Bradley '17 manages to rise out of the water as he looks to shoot.

3. COUNTERATTACK. Richard May '18 dribbles the ball and sprints to offense. 4. TIME'S UP. Galen Gao '16 makes a last ditch attempt to shoot as the shot clock winds down. 5. KEEP AWAY. Billy Bloomquist '19 holds the ball out of the reach of surrounding defenders. 6. SHOTBLOCKER. Charles Ross '19 looks around the shotblocker in front of him for a teammate to pass to. 7. ON THE SIDELINES. Coach Jon Bonafede focuses intently on the game while players take a breather on the bench.

Photos: 1, Charles Magovern, 2-7, Michael Wong, Feature photo by Mark Becker Layout: Soumya Kannan



I can say with great confidence that this year's team was the best Caltech has seen for many years, if not ever

- CHRIS BRADLEY '17





Being able to see myself and the team get better as the season progresses and over my four years here has been a rewarding experience and inspires me to continue to keep doing the same in the pool and elsewhere in life.

- GALEN GAO '16

My teammates really inspire me as an athlete.
Practicing with them every day, seeing how hard we all work, all that makes me want to be the best I can.

- BILLY BLOOMQUIST '19



SPOTLIGHT: PATRIC ECK

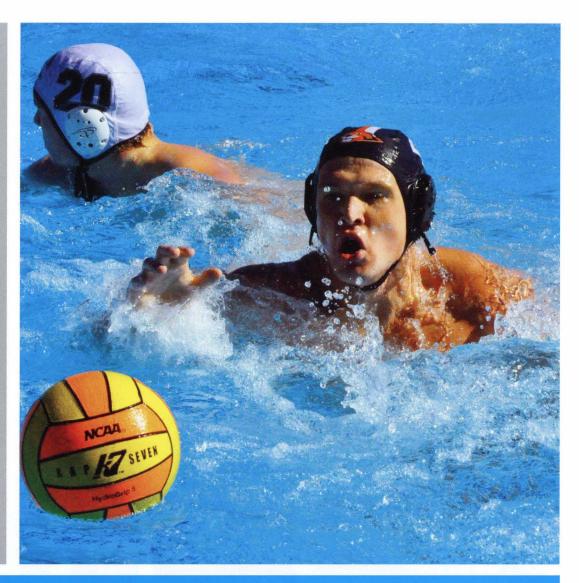
What was your team's biggest accom-

What was your most memorable monent of the season?

What inspires you as an athlete?

What is your favorite thing about

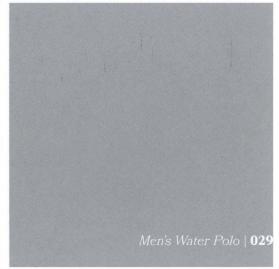
playing water polo? The physicality of the game. Throwing



"Our team will miss Patric in many ways next season, both as a great player and a great leader, but the lasting impact he has had on the program will carry on" - Chris Bradley '17







With the departure of longtime coach Rolando Uribe, the soccer team was stepping into the unknown with the addition of new coach Phil Murray. It was an opportunity for a fresh start as the Beavers looked

"This year we played

aggressive attacking

our opponents to fear

us." - Chris Haack '18

forward to reaching new heights in a competitive season.

Though the team did not post any wins, there were many bright spots during the season. The Beavers almost doubled their goal total

from the previous year, scoring 11 goals over 18 games. The effort was aided by team captain Teo Wilkening '16, who led the way with 4 goals. Additionally, team captain J.D. Feist '17 led the conference for the second year in a row with 107 saves in goal.

The season was highlighted by a nail-biting match against conference foe California Lutheran University. The game opened with a Cal Lu goal in the seventh minute, but the Beavers quickly tied it up just two minutes later when Alec Sands '17 headed the ball to team captain Adam Ball '16, who

at the opening of the second half on a goal by Teo Wilkening '16, but Cal Lu brought the score to 2-2 to close the half. Though the Beavers ultimately fell in overtime, the game was an inspiring demonstration of the team's

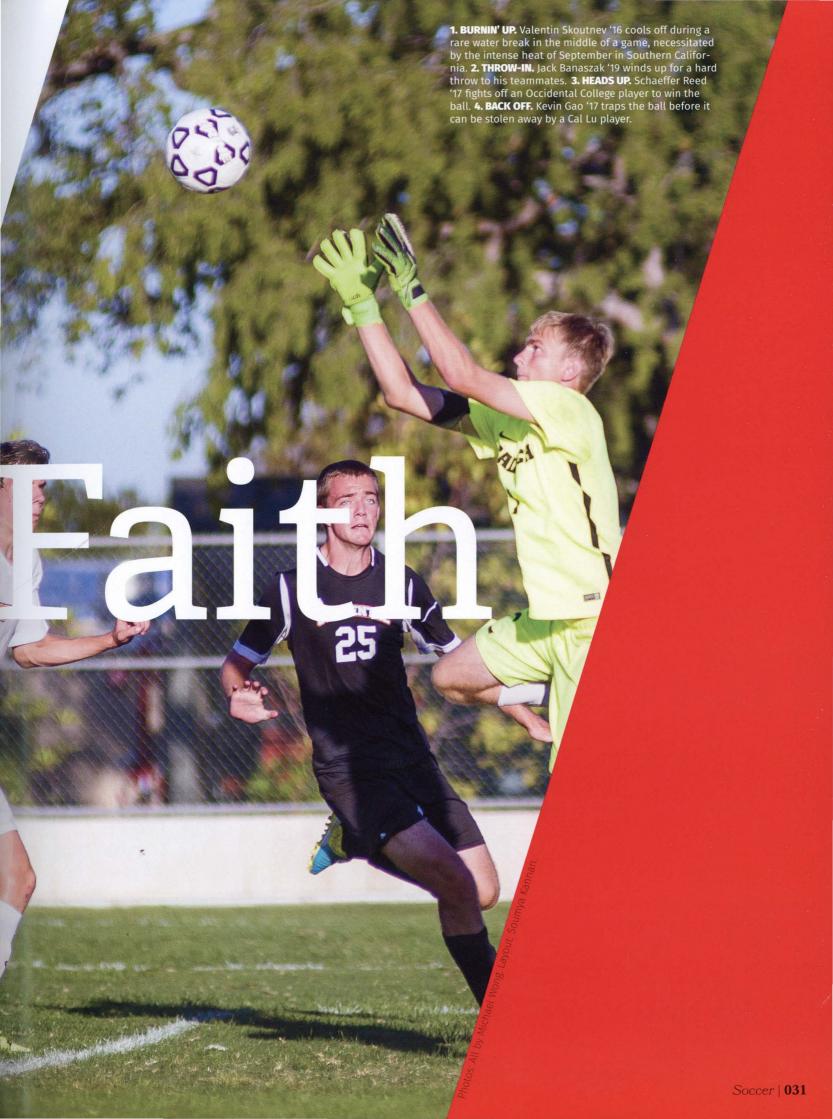
potential for the future. "This year we played aggressive attaching soccer, and that caused our soccer, and that caused opponents to fear us," says Chris Haack '18.

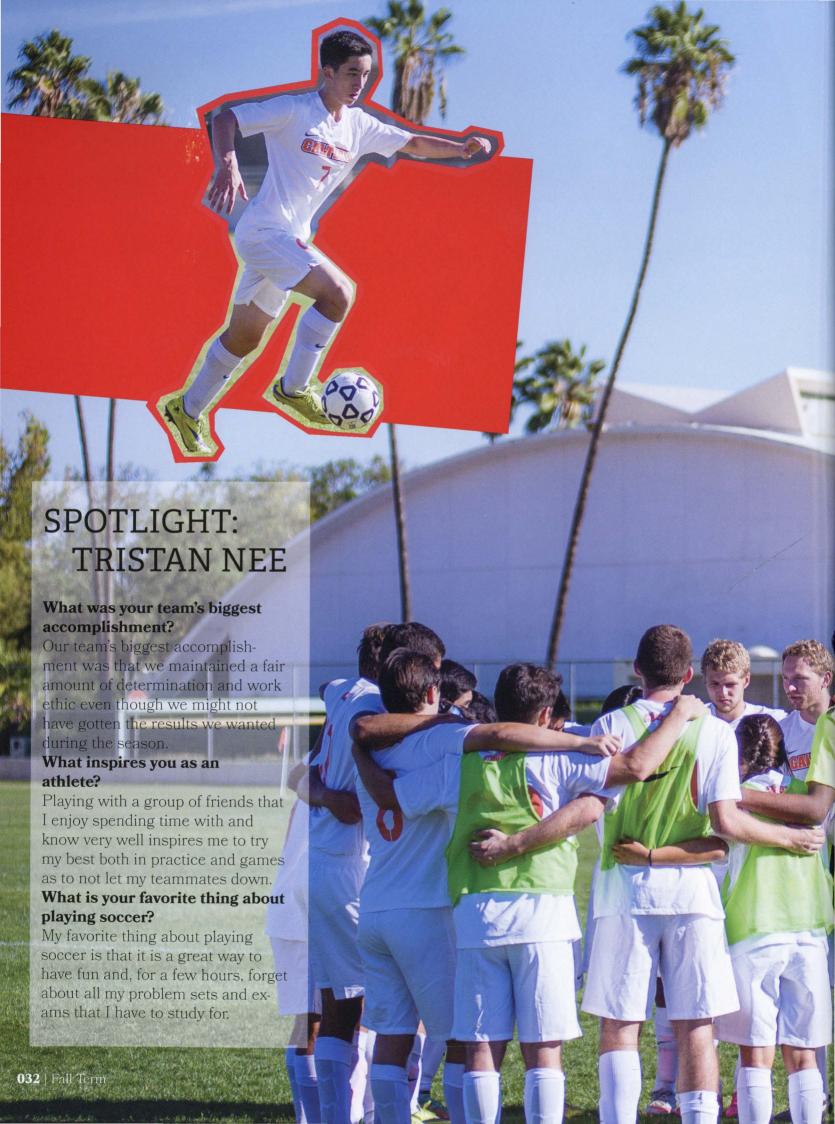
> Says Coach Murray, "The team is really buoyed by the feeling that we are

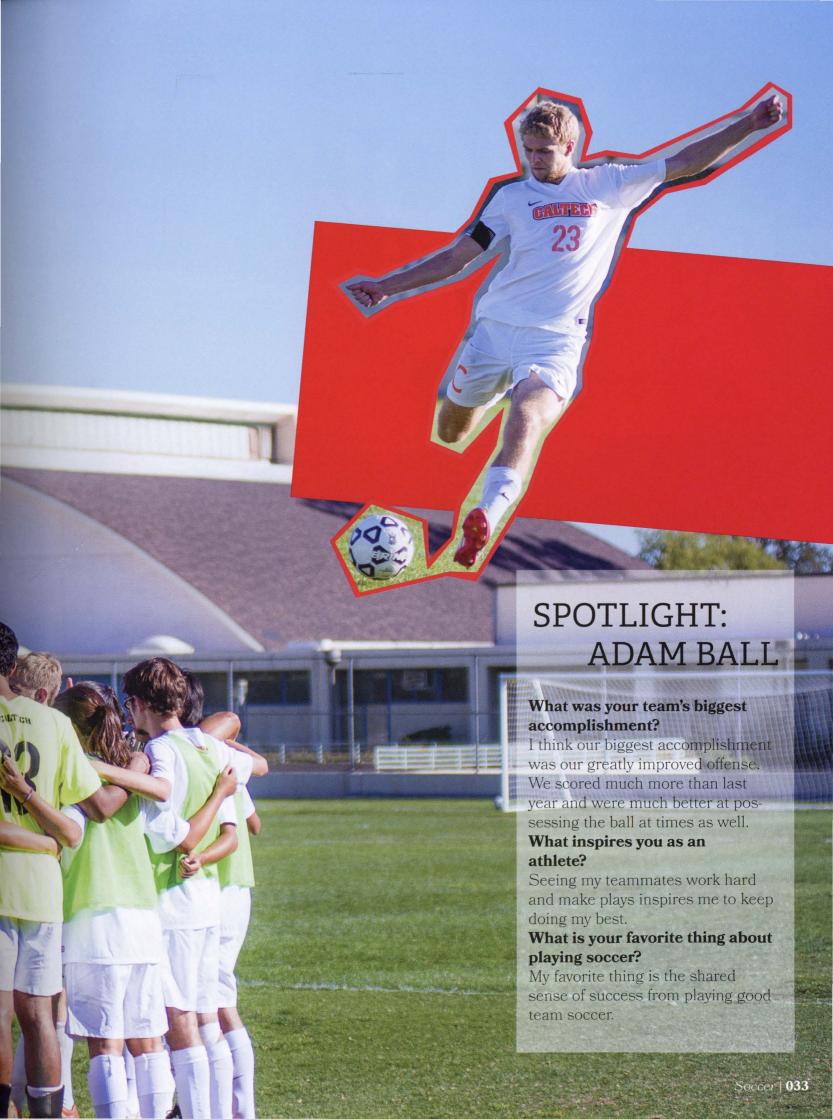
starting something new and positive, and is committed to the growth and development necessary to help position the program to be successful in the future." - Soumya Kannan

The Team: JD Feist '17, Monica Li '16, Ashwin Hari '18, Kevin Gao '17, Archana Chintalacharuvu '17, Tristan Nee '19, Jack Banaszak '19, Chris Haack '18, Alec Sands '17, Valentin Skoutnev '16, Schaeffer Reed '17, Nikhil Gupta '19, Teo Wilkening '16, Dave Luo '17, Masaharu Ono '18, Rafael Fueyo-Gomez '19, Fabian Boemer '17, Pedro Ojeda '17, Federico Presutti '17, Adam Ball '16, Valerie Pietrasz '16 Coaches: Phil Murray, Pinder Nijjar, Brian Wright

tapped it into the net. Caltech took the lead









He world

Every year, students extract themselves from the Caltech bubble and journey across the Atlantic Ocean to study for a term at one of Caltech's sister institutions. Studying abroad provides not only a break from Caltech, but an opportunity to have a new academic experience, travel to new places and make new friends. Students from Caltech studied at the University of Edinburgh, University College London, Cambridge University, and the Technical University of Denmark and used the opportunity to take classes not offered at Caltech. However, they also took advantage of the increased amounts of free time to travel to exotic places around Europe, getting a taste of the wide variety fascinating cultures. Being away from Caltech provides the opportunity for students to grow both academically and personally and learn about themselves and the world. - Soumya Kannan

1. KNIGHTS AND CASTLES. Sheila Lo '16, Jenny He '17, Lindsey Whitesides '17, Surya Sundarajan '17 and Christina Lin '17 visit St. Andrew's Castle in Scotland. **2. BAGPIPES.** Jenny He '17, Sheila Lo '16, Judy Shon '17, Surya Sundarajan '17, Christina Lin '17 and Aditya Karan '16 snap a selfie with some colorful characters in Old Town Edinburgh. **3. MATRICULATION DAY.** Lauren Li '17 and Stephanie Moon '17 snap a photo together in New Court of Corpus Christi College, Cambridge after their college matriculation ceremony. **4. MAKING FRIENDS.** Webster Guan '16 and David Addis '16 hang out with new friends at a St. Catherine's College/Corpus Christi College slack (party) in Cambridge. **5. UP HIGH.** Connor Lee '17, Jean-Alexandre Turban '16 and Grace Leishman '16 take in the view.



1. LONDON BRIDGE. Esther Du '16 and Jean-Alexandre Turban '16 pose in front of the Thames River, with the London Tower Bridge behind them.

2. OPTICAL ILLUSION. Juliet Su '16 "pinches" the famous glass pyramid in front of the Louvre in Paris.

3. ROCK CIRCLES. Students studying abroad at University College London (UCL) take a day trip to Stonehenge. 4. PARIS, JE T'AIME. Ellen Yu '17 and Gauri Shastri '17 enjoy a sunny day in front of the Eiffel Tower. 5. HIGH TEA. Stephanie Moon '17, Streenivas Appasani '16, Alex Pien '16 and Lauren Li '17 munch on proper English biscuits and tea at the Orchard in Cambridge. 6. MI AMORE. Alex Pien '16 and Juliet Su '16 smile in front of the Florence skyline, with the famous Duomo visible in the background. 7. ROBES REQUIRED. Webster Guan '16, Grace Lee '17 and David Addis '16 attend a formal dinner at St. John's College in Cambridge.

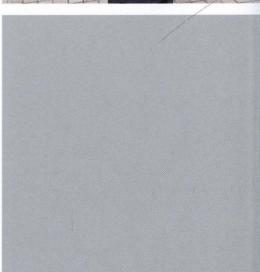




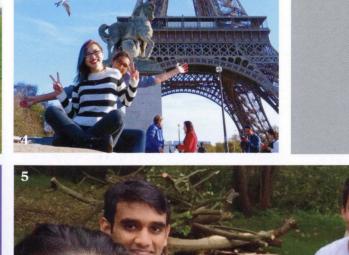




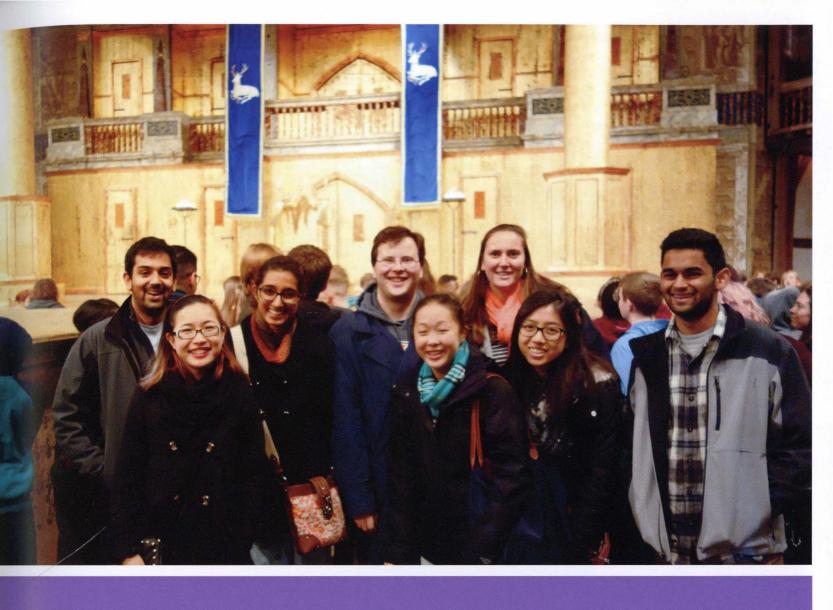


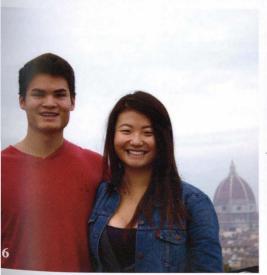




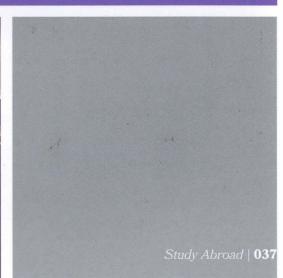














Are you a Dhamaka Devotee?

Every Diwali, Caltech's newest dance team - Dhamaka - never fails to impress. This year was no exception. Despite the winds and pouring rain, the team fired up the stage with a mix of some music favorites. This vear. Dhamaka had a new cast of performers, as many members were freshman. However, all of the newest members were not afraid to step up to the challenge. One of Dhamaka's captains, Meghana Pagadala '16, expresses her delight: "I was so impressed with how excited, committed, and talented every Dhamakite was. It made the performance a lot of fun to put together. Also, I think the audience enjoyed our performance and that made me really happy."

Wanna be my Chammak Challo?



experience! I'm so glad

term because I got to

- Reeti Gulati '19

meet lots of cool people"

One of the perks of living in California is that the weather is sunny and warm 365 days of the year. On November 15, people attending the Diwali Show outside of Beckmann Institute Auditorium experienced a different California weather filled with rain, wind, and cold air. However, these conditions did not stop Diwali Show performers from firing up the stage with their energetic dances, melodious songs, and quirky humor. Although the show was short, it did not leave the audience unhappy, as everyone celebrated the rich Indian culture and one of the major Hindu holidays. Not to mention everyone left content, filled with delicious Indian food.

Diwali is known as the festival of lights and signifies the victory of light, or good, over dark, or evil. It is celebrated with family gatherings, new clothes,

firecrackers, dancing and singing. It is like 4th of July, Christmas and Thanksgiving all combined into one holiday. So, add Diwali to your list of winter holidays, because you

can never celebrate too much.

Caltech celebrated this holiday with a religious musi- I joined Dhamaka first cal performance by Aadith Moorthy '18, a Diya dance performance using lamps by Tara Shankar '18, Anjali Premkumar

'17, Meghana Pagadala '16, and Ellora Sarkar '16, a comedy performance depicting different regional Indian steretypes by Chandru Dhandapani, a Bollywood dance performance by Caltech Dhamaka, and

lastly, a girls-only performance by Tech Naach. Diwali Show was a great day to not only celebrate the Indian holiday, but also the talent at Caltech. Months of prac-

tices went into each "Diwali show was a great performance to hit the perfect note, to solidify a certain dance move, or just to remember what to do. Reeti Gulati '19 reminisces, "Diwali show was a great experience! I'm so glad I joined Dhamaka first term

because I got to meet lots of cool people, especially upperclassmen I might not have met otherwise. All the practices were a blast as we struggled over the choreography together!" - Meghana Pagadala



Photos: All by Soumya Kannan. Layout: Meghana Pagadala

The top 5 go-to Bollywood moves* as decided by Meghana Pagadala 16°,

1. The light-bulb

2. Point the finger

As a clarification, this is the index finger, not the middle finger. Combine this move with "the light-bulb" if you are creative.

The Booty-Shake Pretend you are Shakira and remember your "hips don't lie."

4. Roll the Chapati

This is like the "Make the Pizza" move, but Indian style.

5.The "Does My Belt Fit?"





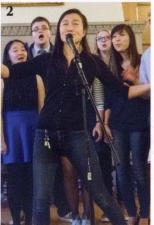






1. SUGAR. Out of Context member Ayaana Sikora '18 sings Maroon V's iconic "She Will Be Loved." **2. TUNE IT UP.** Lucy Chen '17 combines her rendition of By the Seashore with some onpoint choreography. **3. PITCH, PLEASE.** The all-female and newest acapella group, The Pipettes, showed they were no joke, as Caroline Howard '18 wowed the crowd with her moving delivery of Mercy. **4. THE BOYS ARE BACK.** Daniel Gomez '16, Eric Liu '17, and Marc Muhleisen '19 enjoy themselves, singing La La Latch. **5. BEAUTY AND A BEAT.** Tara Shankar '18 starts off the Justin Bieber medley with Justin Bieber's first hit, Baby.











HILLIEMUSIC

Photos: All by Soumya Kannan. Layout: Meghana Pagadala

The four acapella groups on campus - Fluid Dynamics, Keytones, Pipettes, and Out of Context - - had their first concert of the year in Dabney Hall. With the beautiful venue packed, all of the groups did not fail to impress. Some crowd favorite arrangements included Out of Context's Justin Bieber mashup and Fluid Dynamics' Lion King feature. - Meghana Pagadala











Which **Acapella** group is your destiny?

You like punny science names

You are likely to name your first child Simba



Mice can climb up your toilets

Your sharpest accesory is a bowtie

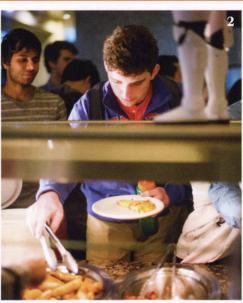
You are a female











1. WOOKIE COOKIES. Bhavana Rao '16, Ross Koval '17, and Keegan Mendonca '17 marvel at the mountains of "Wookie Cookies "in front of them. 2. CHOW DOWN. Ricky Galliani '17 grabs some delicious breakfast food. 3. #CHANDLER-INTERHOUSE. Drew Schaeffer '18 shows off his moves to the theme-appropriate remixed Star Wars soundtrack.

The Food







Contrary to any logical assumption, Midnight Madness began promptly at 11:30 PM. This time around, a large crowd (by Caltech standards) gathered in front of the sole entrance to Chandler

"It definitely gave

us a boost to con-

finals!" - Miguel

Gonzalez '18

through which students were permitted to enter. After terms of unexpectedly rave-like events, the ancrazy ideas CDS would cook up was greater than ever (especially after the promo video).

Entering Chandler was an attack on the senses. The windows were blacked out with tarps, and the staff

went above and beyond to create eight wallboards with a Star Wars-themed illustration for every House. The decorations also included a life-size Darth Vader flanked by two storm troopers, and all of

the films were projected on various screens situated around the room. In the corner was a TIE fighter/DJ ticipation of what new and tinue forward with booth, in which the DJ was thematically playing music remixed to include Star Wars soundtrack snippets. "DI was quality! With top

> notch transitions, original bootlegs fitting the theme and a high BPM, it definitely gave us a boost to continue forward with

finals!" says Miguel Gonzalez '18.

Students were also encouraged to tweet about the event using CDS's personalized hashtag for the event. Posted Alex Ryan '17, "free delicious food + dance music + #StarWars = #Chandler-Interhouse by @CaltechDining #TheseAreAFewOfMyFavoriteThings.

Overall, as has come to be the Midnight Madness standard, it was chaotic, loud, and difficult to see the contents of one's plate, but full of delicious food and a much-needed break from the stresses of finals week. - Soumya Kannan

In

1. PEEKABOO. Bianca Lepe '16 peers through an intricate doorframe. 2. UNDER THE BLUE SKY. Jeffrey Rosenberg '17 is all smiles with a group of new friends from IIT Ghandhinagar. 3. BETTER THAN BHANU'S. Caltech and IIT Ghandhinagar students enjoy a meal of delicious Indian food together. 4. JUST CHILLIN'. Garrett Levine '18 takes a break from the heat of India. 5. BE A KID AGAIN. Aileen Cheng '16, Rachel Thorp '16 and Bianca Lepe '16 pose for a photo with a group of Indian youngsters.

This past December, a group of Caltech students participated in the Caltech Y trip to India, known as India Ki Khoj (In Search of India). They embarked on a 10-day journey to immerse themselves in the society, culture, and people of India. The program was designed and led by faculty members of the Humanities and Social Sciences Department at the Indian Institute of Technology, Gandhinagar in the state of Gujarat. Through stimulating lectures and diverse field visits, Techers were able to learn about India's multi-faceted identity through topics that ranged from Bollywood to history and poetry. Moreover, they forged strong connections with the IIT Gandhinagar students. - *Bianca Lepe*









W SWIMMING & DIVING 060
FENCING 064
LOVE SUCKS 068

BOLDLY GO 070

070

HAINT

Photo: Michael Wong. Layout: Meghana Pagadala

The most exciting thing about Caltech is that it is a place that is full of scientific history. As you walk into Gates, you are in the lecture hall where Linus Pauling taught. When you go to the Athenaum, you are walking along the same path that Albert Einstein did. This year, Caltech continued to add to its rich scientific history; however, it also made a little history in the athletic department.

The men's basketball team won 7 SCIAC games this season, breaking the 1953-1954 record of 6 SCIAC games. They defeated Occidental College 3 times. which was another feat that has not been achieved since 1944-1945. They spent 22 days sharing the top position in conference standings. Nasser Al-Rayes '17 set the record for single-season blocks (64) and single-game blocks (8). The team also set the record for single-season points (1566), rebounds (951), and blocks (105).

The boys started training for season early in fall and competed in several preseason matches. The first match was an exhibition game against Division I University of San Diego. This was the second year that Caltech played against a Division I opponent. More than 1000 people were in attendance (more than the undergraduate population!) and Caltech did not fail to disappoint. Kc Emezie '16 scored 14 points. Ricky Galliani '17 netted 13 points, while David LeBaron '17 and David Kawashima '18 recorded 5 and 3 assists, respectively. The much-anticipated 110 Freeway Rivalry game at Occidental College that the Beavers would play the next week, however, would be the start of

an amazing winning season.

The Beavers won the 110 Freeway Rivalry game, becoming the only team in the SCIAC to start 1-0. LeBaron led the team with 25 points, and Galliani made 17 points and led the team with 9 rebounds. Although the following games against non-SCIAC foes Whitworth Uni-

versity, Whitman College. Linfield College ended in losses. the Beavers did not give up. They posted a win against UC Santa Cruz, where Rob Anderson '16 scored 5 points

"I'm originally from NC and didn't get to go home too often so the team kind of became my second family....I couldn't who surely will remember this have asked for a greater group of guys to go through Caltech with."

and Lawrence Lee '17 recorded his first double-double of the season. The Beavers took a break for finals and were back at it again over winter break.

SCIAC games started January 4, where Caltech defeated University of Redlands 46-41 during their Orange Out. It was an exciting and nail-biting game with the stands filled and deafening cheering. Al-Rayes finished the night with 13 points and 8 rebounds, while Emezie scored 11 points. The following months, the excitement continued as the Beavers continued breaking records, accruing 7 SCIAC wins. The Beavers beat Cal Lutheran University (70-66), Occidental College (62-48), Pomona-Pitzer College (67-58), Occidental College again (65-59), Cal Lutheran again (64-60), and University of La Verne (65-61). At the game against University of La Verne, freshman Brent Cahill '19 scored a career-high 24 points and led the Beavers to a win that put them in a four-team tie for fourth place. Unfortunately, the

Beavers just barely missed the SCIAC Tournament and ended with two losses. However, the two thrilling games were still a step in the right direction. The Beavers sent off two seniors. Kc Emezie and Rob Anderson. season. When asked about one word to describe his Caltech experience, Emezie responded, "This is kind of cheesy but I would use the word family. - Kc Emezie '16 I'm originally from NC and didn't get to go home too often

> so the team kind of became my second family. Just like family you go through rough patches but I couldn't have asked for a greater group of guys to go through Caltech with." The men's basketball team hopes to continue their victories next season with the two top scorers returning. - Meghana Pagadala

> The Team: Kc Emezie '16, Andrew Wang '19, David Kawashima '18, Robert Anderson '16, David LeBaron '17, Ricky Galliani '17, Brent Cahill '19, Steven Brotz '19, Matthew Edwards '17, Lawrence Lee '17, Nasser Al-Rayes '17

Coaches: Oliver Eslinger, Dave Briski, Ronn See, Jordan Mast





How do you think your coaching style has changed from the first year you were at Caltech to this past season? I've had a similar style as far as how I interact with players and invest in the students' well-being, but as we've improved over the years we're able to teach much more complex skills and implement high-level strategies. What do you think distinguished this season from past seasons that trans-

lated to so many conference wins?

We've been fortunate to coach some very committed athletes and have grown our support base of fans dramatically. From recruiting to promoting our program to having a great coaching staff and people who truly care about we're doing, it all translates to success.

You were recently named NABC Guardian of the Game. What did this honor mean to you?

Oh, that was the greatest honor. I consider that the most prestigious award because it's more than basketball – it's about what we do off the court as educators. Receiving the award during Final Four weekend amongst NBA and college coaches and players was the best.

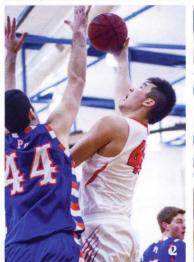
What were some difficult situations that you felt motivated the team's success this year?

Anytime we don't come out on top at the end of a game we feel like we should win, it's difficult, but we take it all in stride and definitely use it all as inspiration. We challenged ourselves to improve and learn from it all. The non-conference is about preparing for conference and we can see how it influenced us down the stretch.

Do you watch the NBA or college basketball? If you do, who is your favorite team and/or favorite coach? Why?

I watch all levels of basketball and have many teams and coaches I follow. They have different styles, and that's what is so great about basketball. Teams can be very good and very different. I like teams who move the ball well, who play tough defense, and come up with creative ways to play.





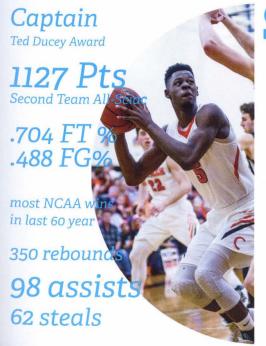






1. BALL IS LIFE. The team stands in a line for the national anthem before a much anticipated game against University of Redlands. On Jan. 4, the Caltech Beavers won their first game of the conference season 46-41 against Redlands Bulldogs. **2. LAYUP.** Lawrence Lee '17 smoothly lays up the ball from the post position. **3. DOUBLE TEAMED.** Ricky Galliani '17 penetrates the defense and goes up for a shot. As captain, Galliani led the team 3-point field goals made. **4. BUCKET!** Although Brent Cahill was new to the Beavers this year, he did not stop from making his mark, shooting an average 10 ppg and receiving many compliments from coachs, teammates, and at letic department. **5. WE'RE ALL IN THIS TOGETHER.** David Kawashima '18 and Lee help KC Emezie '16 up after beif fouled. Emezie led his team in field goals made.





SPOTLIGHT:

In ten years when you look back at your basketball experience, what is one memory that you will remember?

I'm going to cheat and give you two. The first is the Redlands win during my Junior year as it broke the conference losing streak and then spurred a string of conference wins. The second would be the win against Occidental this year to start the season as it was the perfect team game. Everybody played with confidence and it was great to see guys like David LeBaron and newcomer Brent Cahill have breakout performances on a big stage.

If you could use one word to describe your basketball experience at Caltech, what would it be?

This is kind of cheesy but I would use the word family. I'm originally from NC and didn't get to go home too often so the team kind of became my second family. Just like family you go through rough patches but I couldn't have asked for a greater group of guys to go through Caltech with.



ON POINT

Photo: Michael Wong, Layout: Meghana Pagadala

Although the women's basketball team was small this year, they were mighty, setting several records and achieving many noteworthy accomplishments. Senior

that I was able to

stick with basketball

the perseverance to

best I could."

Stephanie Wong '16 returned for her final "It means a lot to me vear of Caltech basketball. In addition, Kate Lewis '17 and Michelle Wong '17 returned. The return-all four years and ers were joined by achieve so much... In entering freshman, Nika Haleftiras '19, Madelyn Stroder '19, the end, I'm glad I had (1333). In addition, Madeline Schemel '19, and Elizabeth Eiden '19. The Beavers had their first game against Linfield during the Thanksgiving

holiday. Although it

was a tough loss, the team recouped and scored a mega win against Illinois Tech 79-38. The win was thanks to several extraordinary performances, including ones by Stephanie Wong, who compiled 24 points and tied her own program record of 7 three-pointers in a game, Kate Lewis, who double-doubled with 16 points and 14 rebounds, Michelle Wong, who scored 13 points and grabbed 6 rebounds, and Madeline Schemel, who scored 12 points

and pulled down 7 boards.

Even though the next win that Beavers got at Crossroads College on their trip to Minnesota was their last, the

season was not devoid of amazing achievements. As a team, the women set a record for most three-pointers in a season (99) and field goal percentage (.359). Senior Stephanie Wong set the program record for career points she became the career leader in points per keep going and do the game (13.7), free throw percentage (.698), field goals made (441), three pointers made (231), - Stephanie Wong '16 and single-season mark

for three-pointers made

(68). When asked about her amazing time at Caltech, she replied, "It means a lot to me that I was able to stick with basketball all four years and achieve so much. When work got tough or when things weren't going well on the court, it was hard to go to practice and give it my all. In the end, I'm glad I had the perseverance to keep going and do the best I could." Junior Kate Lewis also broke the record for career doubledoubles, accumulating an impressive 22.

One of the most memorable moments of the season came on January 26, when the team almost got their first SCIAC win for the season. They had a 42% field goal percentage, 39% threepointer percentage, and a whopping 80% free throw percentage. Not only did the team shoot incredibly well, but freshman Madeline Schemel started for the first time and Stephanie Wong surpassed the record set by Lindsey King '08 for career points. Nika Haleftiras '19 grabbed a high 8 rebounds and chipped in 9 points. Schemel added 10 points, 5 rebounds, 3 steals, 2 assists, and 2 blocks.

On February 23, the Beavers said goodbye to their only senior, Stephanie Wong, who revolutionized the women's basketball team. Although the team was very young this year, with almost half of the team comprised of freshman, the talented freshman and outstanding returners put together an unforgettable season. Only having lost 1 senior, the Beavers hope to come back stronger and better next season. - Meghana Pagadala

The Team: Stephanie Wong '16, Kate Lewis '17, Michelle Wong '17, Nika Halefterias '19, Madelyn Stroder '19, Madeline Schemel '19, Elizabeth Eiden

Coaches: Sandra Marbut, Sarah Wright '13, Dennis Ko, Bitsy Messick, Jessica Watkins



1. CLUTCH. Elizabeth Eiden '19 goes up for a left-handed layup, using her height as an advantage. Eiden led the team in field goal percentage (.417) and accumulated 130 rebounds during the season. 2. FULL FOCUS. Madeline Schemel '19 shoots her second free-through after a foul call. Although she was a freshman, Schemel '19 made important contributions to the team and even finished the season with a double-double. 3. GETCHA HEAD IN THE GAME. Madelyn Stroder '19 passes the ball off to her teammate. 4. NOW OR NEVER. Coach Marbut talks to the team during a 30-second timeout. Assisted by Sarah Wright '13, Dennis Ko, Bitsy Messick, and Jessica Watkins, Marbut helped lead the team to two wins and several close games. She has been at Caltech since 2003. 5. DRIBBLE TO THE MIDDLE. Michelle Wong '17 uses her mad dribbling skills to split the defense as she tries to look for someone to pass to. Wong led the team in free throw percentage (.885), 3-point percentage (.316), assists (67), and steals (48). Still a junior, Wong has another season to continue to excel. 6. COURT SENSE. Kate Lewis '17 gets a look at her defender before proceeding to make a move. Lewis led the team in offensive rebounds (82) and defensive rebounds (144). Lewis dominated in the defensive boards, positing several double-doubles thoughout the season. 7. SPACE JAM. Nika Haleftiras '19 tries to speed past her defender as she crosses half-court.





When did you first realize that you loved basketball?

Right when I first started. I was beyond excited when my parents let me switch from swimming to basketball when I was 10. I had always wanted to try it before that.

What was the hardest thing about the transition from high school basketball to Caltech basketball?

The pace of the game increases significantly. The girls are all faster and stronger. If you could use one word to describe your basketball experience at Caltech, what would it be?

Rewarding.

In ten years when you look back at your basketball experience, what is one memory that you will remember?

The two well earned wins we got at the end of my junior year against La Verne and Occidental.

1333 Pts
231 three-pointers
441 field goals
.698 free throw percentage

13.7 ppg



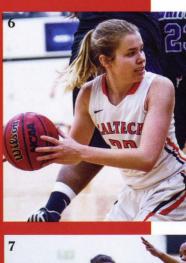




3









Photos: All by Michael Wong. Layout: Meghana Pagadala











the

With the addition of top recruits Brittany Percin '19 and Gemma Takahashi '19, women's swimming and diving at Caltech is on

The season began in late October with a bang at the opening record in the 200 freestyle with her first swim in a Caltech suit. This would school records fell left and right.

Just a week later, Percin led off the 400 freestyle relay at the annual

I think bringing these

girls together as a

recognized force in

DIII swimming was

just barely sneaking under the previous the 100 freestyle of 55.04 to take that the home opener against the University

and broke the 500 freestyle record. while Takahashi added one of her own

After a break in competition, the team came back strong in a dual mid-December. Percin, Takahashi and Zofii Kaczmarek '17 combined to win Percin shattered the 1650 freestyle school record, as well as the 1000 1000 yards of the same race, while Kate Evans '17 and Grace Lee '16 also dropped significant time to record personal bests.

Returning from winter break,

in the 200 backstroke.

In the final home meet of the season, the team's Senior Day and Orange Out against Occidental College. the swimmers were solid in their final meet before SCIAC championships. They also bade farewell to three seniors - Grace Lee '16, Alexandra Ilic '16 and Tiffany Zhou '16.

On Day 1 of the championship meet, Percin kicked things off by breaking the school record in both the 100 and 200 freestyle in the opening leg of the 800 freestyle relay. Overall, the team garnered 50 points on the first

> day, already bettering the previous year's total score of 21 points in just one day. On the second day, the Beavers continued their upward momentum as Percin and Takahashi each notched one school record, in the 500

and 50 freestyle respectively. On Day 3, Percin familiarized herself with the top of the podium when she won the the individual title in the 200 freestyle, becoming the first female SCIAC champion in Caltech swimming and diving history. Brittany was standing on the podium in first place and we did her pi cheer, which ended with 'we have won one race to date." recalls Gemma Takahashi '19 of the history-making moment. The Beavers closed out the meet and the season with an incredible Day 4 in which Percin and Takahashi combined for three school records, with Percin reaching the podium again with a third place finish in the 500 freestyle.

Though the Beavers will lose head coach Jack Leavitt, who will take over the coaching job at Division I Georgetown University, they look to improve in the upcoming year with a fresh crop of talent to add to the already-impressive pool. "I think bringing these girls together as a recognized force in DIII swimming was the team's biggest accomplishment," says Takahashi. - Soumya Kannar

The Team: Robin Brown '18, Kate Evans '17, Alexandra Ilic '16, Zofii Kaczmarek '17 Grace Lee '16, Brittany Percin '19, Gemma Takahashi '19, Xiaohan Xue '19, Tiffany Zhou 16 Coaches: Jack Leavitt (Swimming), Ute Zimmerman (Diving), Connor Beaulieu

SPOTLIGHT: BRITTANY PERCIN

What was your team's biggest accomplishment this season?

My team broke pretty much every record on the record board, which was super exciting.

What was the most memorable moment of the season?

The most memorable moment was a shaving cream battle the night before SCIAC

What inspires you as an athlete?

My teammates. When they are able to juggle academics, extracurriculars, and still give it their all at practice, I'm encouraged to do the same.

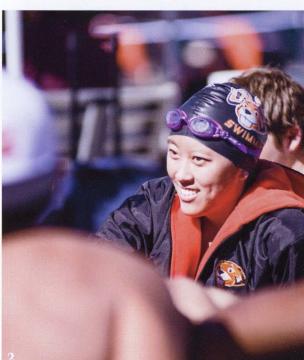
What is your favorite thing about swimming?

I love being in the water, and I love the feeling of pushing myself with the encouragement of my team.

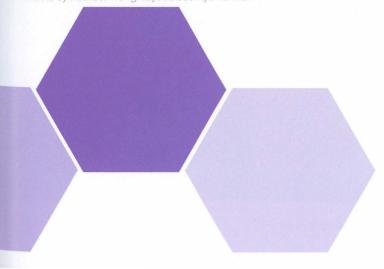




1. PERFECT TEN. Zofii Kaczmarek '17 executes a dive in 1. PERFECT TEN. Zohi Kaczmarek '17 executes a dive in perfect pike position. 2. JUST RELAX. Tiffany Zhou '16 hangs out with her teammates during a break between her races. 3. IN THE BLEACHERS. Tiffany Zhou '16 and Gemma Takahashi '19 cheer on their teammates from the sidelines during the Beavers' Orange Out meet against Occidental College.



Photos: All by Michael Wong. Layout: Soumya Kannan





and parry

ments were hard, it was

as a team and support

- Spencer Strumwasser '18

each other."

Fencing is different from most Caltech sports in many ways. For one thing, it is Caltech's only Division I sport, and for another, competitions occur throughout the entire year. This year, competiton began in October with the IFCSC Open, hosted at Caltech. At this opening tournament. Caltech fencers showed that they would be the ones to beat this season. Emilia Hernandez '16 and Christina Meyer '17 placed third in foil and épée respectively, while on the men's side, William Wang '19 and Matthew Jin '17 won the épée and foil disciplines respectively.

The Beavers continued their dominance on the road at UC San Di-

ego, following that performance up with "Even though the tourna- men's squad placed a meet against UC Riverside at Caltech. This ended competialso nice to just socialize tion for the fall.

After a winter break hiatus, the Beavers came back strong in January. The new year started

off with the West Invitational at UCSD, where the Beavers took on many tough opponents in the West Region. Despite the impressive competition, Caltech was even more impressive. On the men's side, Caltech claimed the overall title, while on the women's side. Madeline Lewis GR led the épée squad to a 3-3 record.

At the end of January, the team took their annual travel trip to Illinois to compete at the Northwestern Duals competition. At this prestigious meet, the Beavers faced a slew of nationally ranked Division I foes, but they were up to the challenge. Facing this tough competition, including teams from Princeton University and the University of Notre Dame, the women's team picked up wins in a pair of NCAA matchups and lost by only a narrow margin to nationally ranked fencers. The

men's team was undefeated on the first day of competition with four team wins and won several bouts against nationally ranked foes on Day Two. The tournament was also a valuable bonding experience for the Beavers' fencers. "The most memorable thing this season would be the team just enjoying ourselves at our travel tournaments. Even though the tournaments were hard, it was also nice to just socialize as a team and support each other," recalls Spencer Strumwasser '18.

Throughout February, Beavers fencers competed against comference opponents, building up to the IFCSC Championships at the end of the month. At the

Championships, the second overall, thanks in part to first place finishes by Qifan Wang '19 in épée and Matthew Jin '17 in foil. For the women, Christina Meyer '17 finished third in épée and Emilia Hernandez '16

finished third in foil en route to a fourth place finish for the team overall.

Junior Christina Meyer continued her dominance, qualifying for the NCAA West Regional, along with freshman Alex White. Both competed at the meet at the US Air Force Academy in Colorado.

After a successful season, the team looks forward to next year when they will return many key fencers while looking to improve in conference standings. - Soumva Kannan

The Team: Nima Badizadegan '16, Kai Chang '17, Marco Cruz-Heredia '17, Jimmy Hamilton '18, Matthew Jin '17, Alex Lew '16, Ethan Lo '18, Keegan Mendonca '17, Julius Oppenheim '19, Aaron Shih '19, Spencer Strumwaser '18, Qifan Wang '19, Alex White '19, Will Yu '17, Anne Chen '19, Jennifer Du '19, Mary Giambrone '19, Claire Goeckner-Wald '19, Emilia Hernandez '16, Cindy Huang '19, Shi En Kim '16, Madeline Lewis GR, Christina Meyer '17, Catherine Pavlov '16, Maia Stiber '19, Anne Zhou '19

Coaches: Carla Corbit, Margo Miller, Kevin Barkett



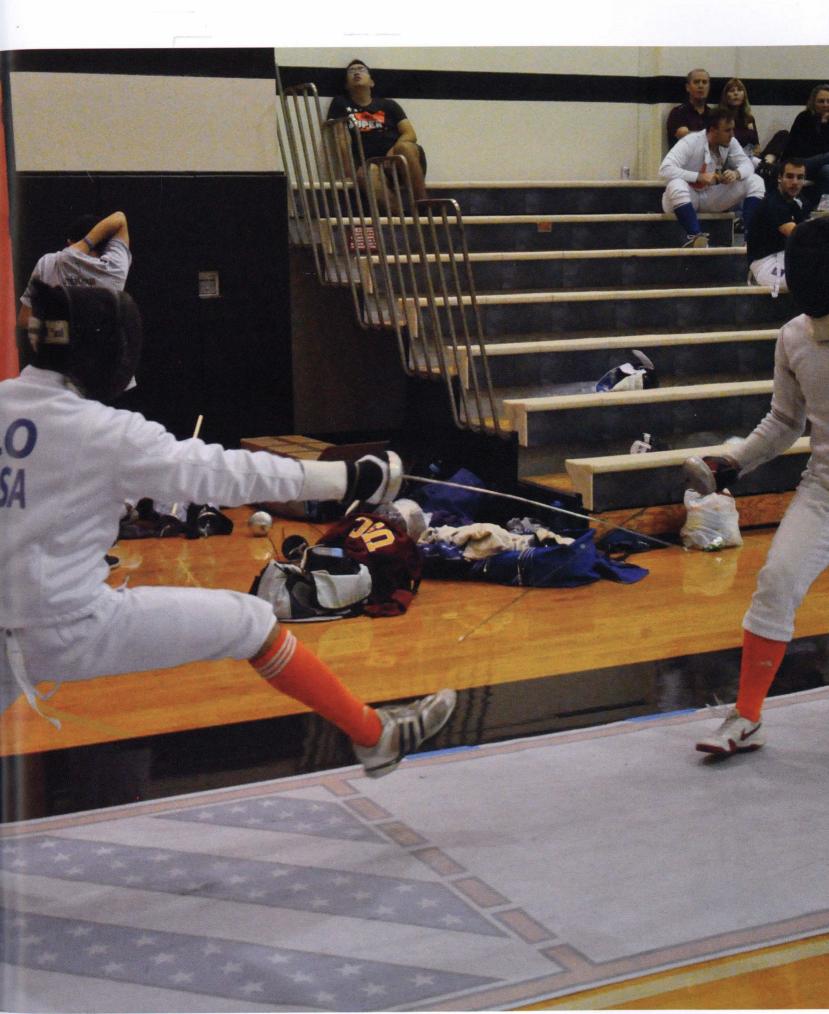


Photo: Mark Becker. Layout: Meghana Pagadala



What was the team's biggest accomplishment this season?

Our biggest accomplishment this year was definitely coming second in the IFCSC, where we competed against schools like UCSD, USC, UCI and Arizona State.

What inspires you as an athlete?

My inspiration as an athlete is to have fun. I first got into fencing cause I didn't enjoy other sports, and I really liked the idea of fighting with swords. Once I got into it, I realized I really liked to fence, but I winning always makes things better. So in order to do that, I tried my best to win as much as possible while I fenced.

What is your favorite thing about fencing?

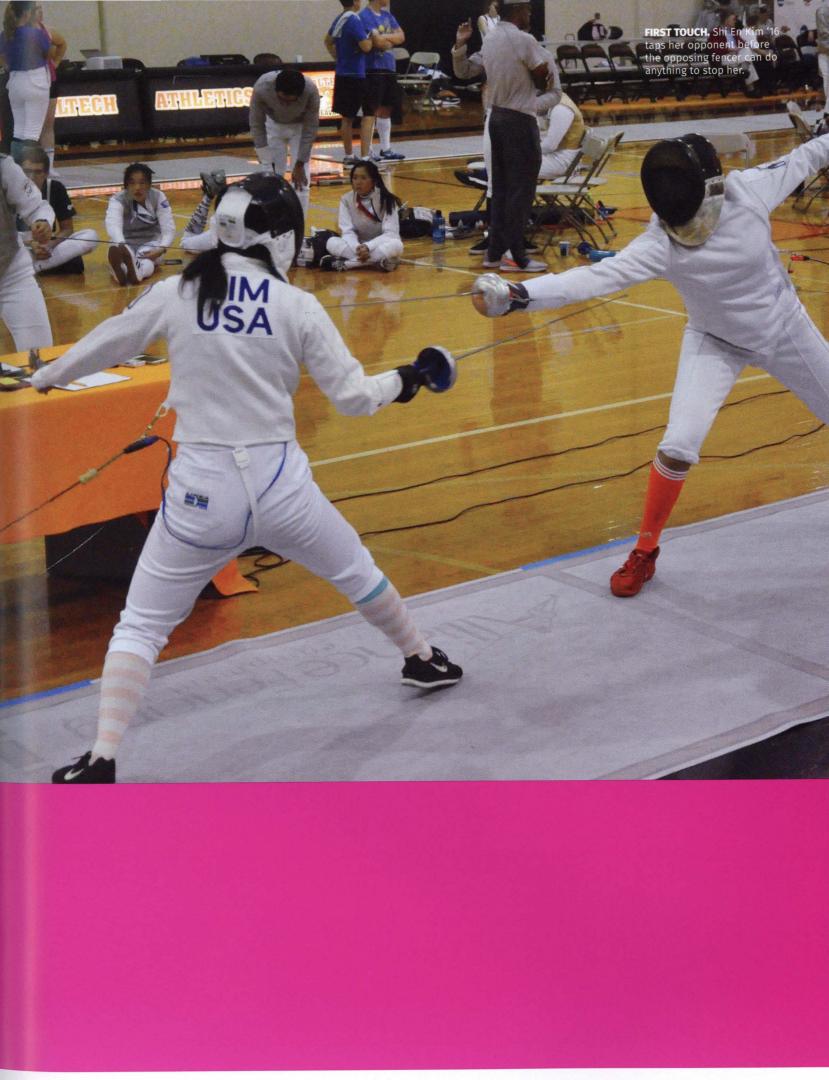
My favorite thing about fencing is the fact that most people who fence are super friendly. At competitions you can meet people and become long lasting friends simply by noticing the same people at your local tournaments. The fact that it is so easy to make friends with a current and future opponent is really cool in my opinion.

SPOTLIGHT:

SPENCER STRUMWASSER







PITCH PERFECT

Photos: All by August Nanz. Layout: Meghana Pagadala

Of the three concerts hosted by the Caltech a cappella groups every year, the most highly anticipated is Love Sucks, which celebrates Valentine's Day and Caltech's historically unfortunate gender ratio. In addition to the Caltech groups,

a cappella ensembles from other schools are invited to perform at the February concert. This year, we had four groups from UCLA, CSUN, and USC join our four on-campus groups.

"I remember having so much fun at rehearsals" - Jessica Lam '16

The show appropriately began with a performance of Adele's hit "Hello" by The Pipettes – Caltech's first all-female group founded in 2014. The Pipettes made Caltech a cappella history by performing the full dance to "Gee" by Girls' Generation while singing their parts. Their spot-on performance brought smiles to everyone's faces. Jessica Lam '16 reminisces, "We had a blast learning to dance and sing in Korean for 'Gee.' I remember having so much fun at rehearsals and even

practicing the choreography at our Six Flags retreat!" Following the Pipettes was Deviant Voices from UCLA, who added interesting harmonies to "Sorry" by Justin Bieber. Up next, Vocal Percussion Radio from CSUN brought cheesy choreography

and constant energy on stage in songs like "Waka Waka" by Shakira, creating one of the most enjoyable performances of the night. Next, Cadenza A Cappella, an all-female

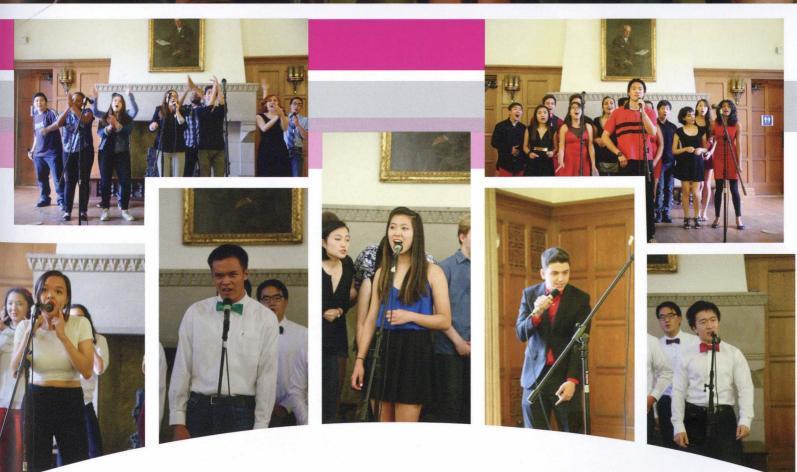
group from UCLA, showed their stylistic range with an 80's rock medley and a chilling rendition of "Fix You" by Coldplay. Closing the first half of the concert was Out of Context (OoC), Caltech's oldest a cappella group. OoC performed an energetic arrangement by Shalini Majumdar, one of the group's alums, of a haunting original song by 15-year-old Shivani Chatterjee called "Demons."

The Caltech Keytones kicked off the second half of the show. The all-male group – in their adorable bowties – added a choral song, "Loch Lomond", to their classic crowd-pleasers like "I Want it That Way" by the Backstreet Boys. Next up was UCLA Awaken. Their performance of Frankie Valli's "December 1963" was a stand-out for the night with their bass soloist engaging the audience with his dance moves and smooth tone. The fourth and final non-Caltech group was USC Overflow - a group that has consistently wowed the Love Sucks audience in recent years. Their rendition of Mama's Broken Heart was most memorable, with a powerful female soloist and soulful backing. Closing Love Sucks 2016 was Caltech's Fluid Dynamics (FD), who made the audience laugh with a theatrical rendition of Rob Cantor's "Shia Lebeouf." In a performance of Queen's "Under Pressure" they showcased their precision, layering ability, and talented soloists.

In case you missed the concert, catch videos on senior Auggie Nanz's YouTube channel (auggien) and find more recordings on the groups' individual channels. - Anjali Premkumar









Starring Caltech graduate student Kelvin Bates as Captain Kirk, co-playwright Cole Remmen as Mr. Spock, and Caltech alumnus Allen Corcorran as Dr. McCoy, the musical parody of Star Trek known as Boldly Go! took its viewers on a rollicking ride through outer space onboard the famed U.S.S. Enterprise, brimming with jokes for both the average theatergoer and the seasoned Star Trek fan, telling its story through song and dance.

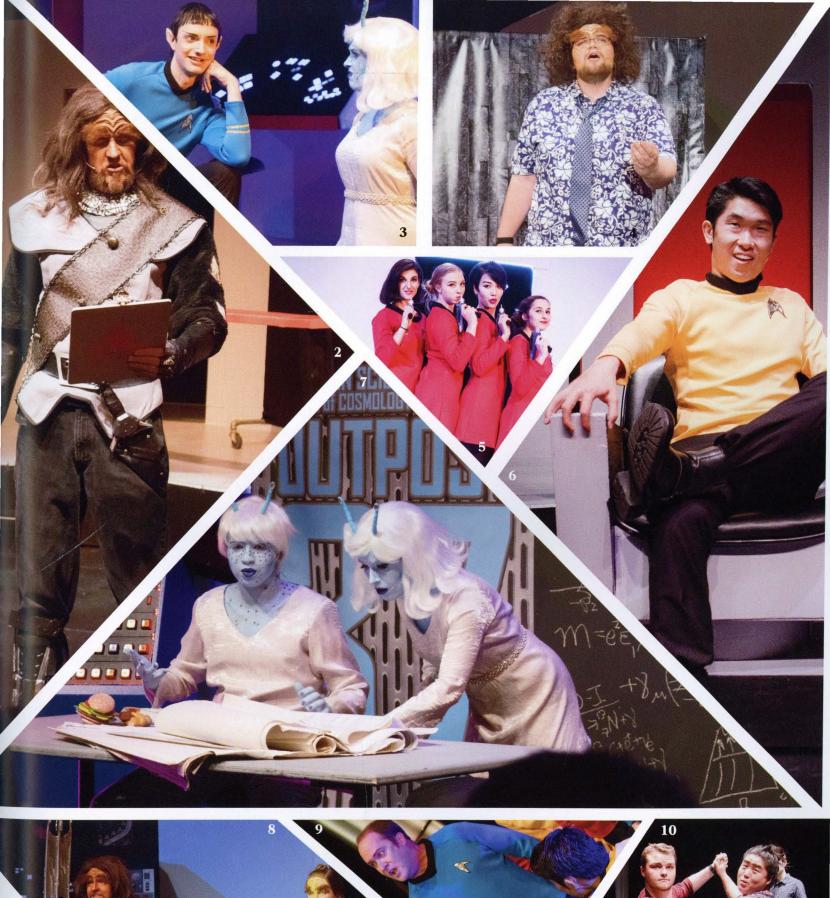
The entire production took over a year to prepare. The show was written by Grant Remmen, a Caltech graduate student in physics, and his brother Cole. The Remmens approached Brian Brophy, director of Theater Arts at Caltech, and who guest starred on Star Trek: The Next Generation, to produce and direct the show. Brophy agreed, inviting his acting friend and Star Trek: Voyager star Robert Picardo to play a cameo role in two performances of Boldly Go! As with all theatrical productions at Caltech, Boldly Go! would not have been a success without the enthusiasm and generosity of the whole Caltech community. Caltech students, staff, alumni, as well as JPL and community members contributed their precious time to costume design, makeup design, set design, prop design, choreography, and publicity.

The result was nothing less than spectacular. For two weeks, Ramo auditorium was transformed into the Starship Enterprise and various otherworldly locales. Inside, sellout crowds would watch Caltech scientists and engineers embody timeless Starfleet officers, bat'leth-wielding Klingons, and blue-skinned Andorians. The show's popularity spurred Theater Arts at Caltech to add an unprecedented seventh show to the

1. ALL ABOARD. The entire cast of Boldly Go!, including a cameo by Star Trek: Voyager actor Robert Picardo, performs the closing number, "Take Us Out." 2. CONQUER **& CLAIM.** Klingon High Admiral Voghos (David Seal, JPL) dishes out assignments to his minions. **3. WHY SO BLUE?** Spock (Cole Remmen, University of Minnesota) is enamored by Professor Takya (Holly Bender, JPL) who is having none of it. 4. MISUN-**DERSTOOD.** Kharthak (Peter Lommen '17) sings of his dreams to be accepted for who he is: a peaceful, sensitive, khaki-wearing Klingon. 5. SET PHASERS TO STUNNING. community; Lydia Kivrak '19) flash their phasers. 6. OHHH MYYY. Sulu (Michael Wong, Starbase 37. **7. THE ANTIMATTER MATTER.** Shrelan (Kabir Mohammed '19) and Takya Grant Remmen, a Caltech grad student in theoretical physics, just hours before the opening performance. **8. HONOR CODE.** Voghos (David Seal, JPL) and Durthog (Heidi by Caltech grad student Zachary Tobin. 9. DAMMIT, JIM. Bones (Allen Corrocan, Caltech alumnus) reiterates that he's a doctor, not something else. 10. THE WARP DRIVE TANGO. Jake Mattinson '19 and Tiffany Kim (Caltech staff) practice the dance to Scotty and Uhura's fan-favorite number.

Photos: Michael Wong, Bob Paz, Meghana Pagadala. Layout: Meghana Pagadala

LIVE LONG and at Caltech to add an unprecedented seventh show to the billing midway through its run. Boldly Go! had truly gone where no Caltech musical had gone before. - Michael Wong







SPRING TERM

096

M TENNIS 082 **W TENNIS** 086 TRACK AND FIELD 090 **STAR WARS FAKE** 094 **ASCIT FORMAL** 096 **DANCE SHOW** 098 **OASIS SHOW** 100 **DITCH DAY** 102 **TECHSTOCK** 106 **ACAPALOOZA** 108 **SENIOR DINNERS** 110 COMMENCEMENT 112

...til it's over" goes the famous quote by baseball legend Yogi Berra, and the Caltech team certainly followed this saving, fighting through many close games this

The Beavers opened competition on Valentine's

day with an exciting doubleheader against La Sierra. After losing an extremely close contest in the first game 6-7, the Beavers prevailed in the second game 9-6, with freshman Jonah that competed and Krop '19 picking up the win. "One of our biggest accomplishments of the season was opening the year two close games, and a win, against La Sierra

College. It helped motivate us as a team to show us from the start of the season that we were on the right track to being a legitimately competitive team," says Krop '19.

Conference play began soon after, with the Beavers facing Occidental College and California Lutheran University in late February and early March. This featured several close games, including a close 6-9 loss to Oxv.

Building on these improvements, the Beavers picked up their second win of the season against Augsburg, coming out on top with a score of 5-4. In an exciting match featuring clutch RBI's by Tucker Reese '19, Garrett Levine '18 and David Watson '18, junior Kai Kirk '17

picked up the first quality start in his career in a Caltech uniform.

Though the Beavers were unable to find another win, the season featured several close games, including against Macalester College and conference opponents

> Redlands and Whittier. They also suffered a tough extra-innings loss to Claremont-Mudd-Scripps. "I was most proud to be a part of a team that competed and stayed in every game, whether it was February or May, and whether we were down one run or ten," says Tucker Reese 19.

The Caltech squad showed vast improvements this season. Freshman catcher Mark Burleson '19 tied the single-season doubles program record. He was joined in making history by senior Daniel Chou '16, who leads in all-time at-bats and games played. The team also improved in every offensive category, and looks ahead to building on these improvements next season. -Soumva Kannan

The Team: Chris McCarren '18, Dylan Schultz '16, Will Werst '19, Chris Bradley '17, Daniel Chou '16, Schaeffer Reed '17, Garrett Levine '18, Connor Moffatt '19, Harrison Jacobs '18, Tucker Reese '19, Jonah Krop '19, John Galden '17, Mark Burleson '19, David Watson '18, Kai Kirk '17, Tim Menninger '17, Mike Klionsky '16

Coaches: Matthew Mark, Omar Pena, Mark Davis

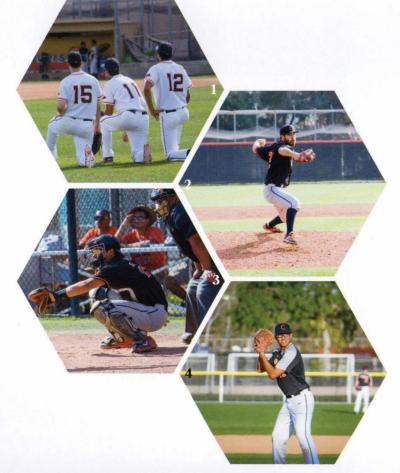


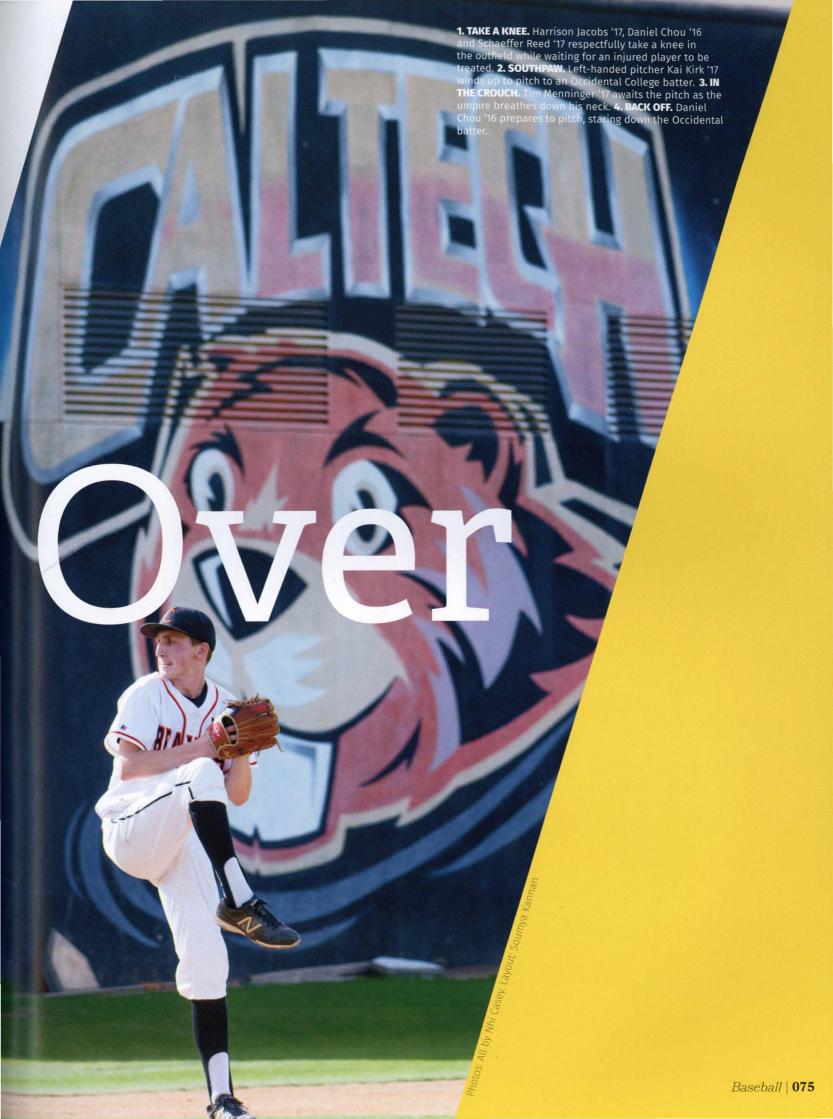
"I was most proud to

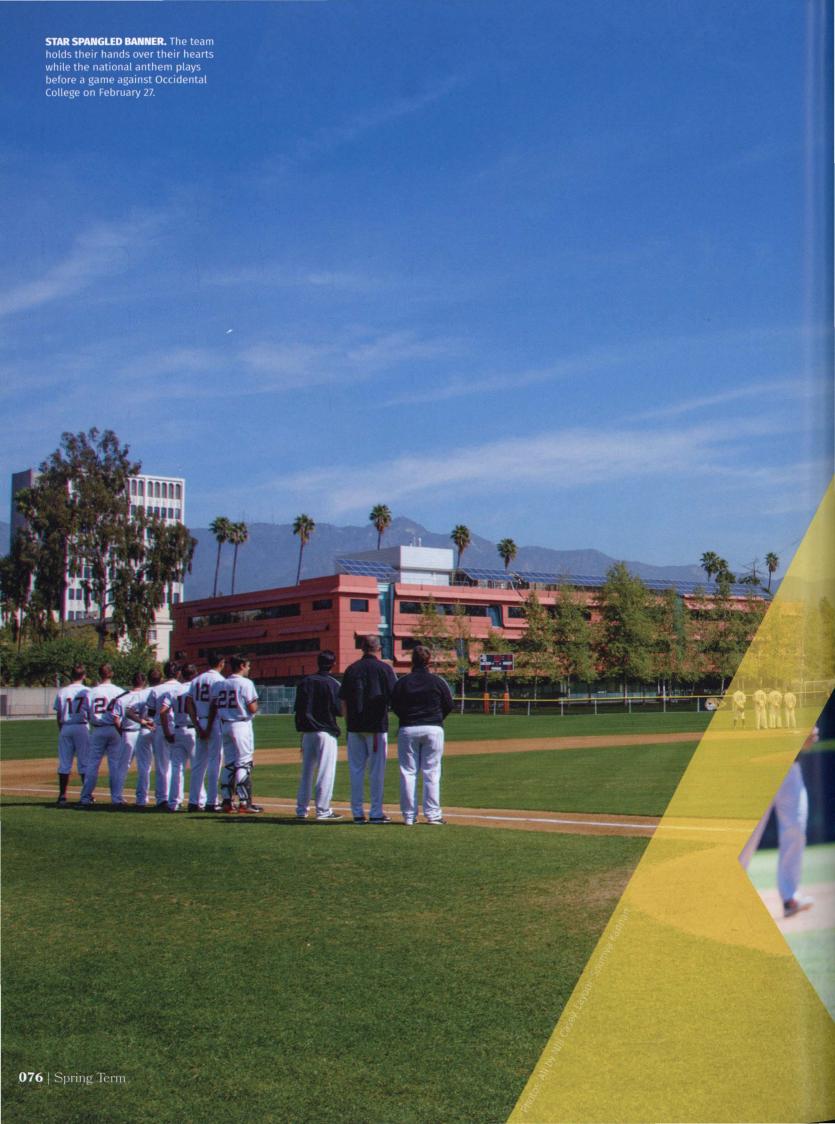
stayed in every game"

- Tucker Reese '19

be a part of a team









Under the Surface

When the first win since 2012 comes during the first tournament of the season, you know it will be one for the record books.

The Beavers' season started off strong when the team traveled to Minnesota for a tournament hosted by Macalester College, during which several program records were set. The tournament began with three losses, including a tough defeat to Monmouth University, in which Soumya Kannan '16 had a programrecord 7 exclusions drawn. However, in the final game against Macalester College, the Beavers notched their first victory. Katie Johnston '19 scored a program-record 9 goals and Mary Boyajian '17 added a program-record 6 assists during the game, with Johnston's performance earning her the recognition of SCIAC Female Athlete of hte Week. This was only the start to a season filled with

accolades and improvements across the board. "It was inspiring to see my teammates working hard to get better every day," recalls senior Soumya Kannan.

Following another tournament at the

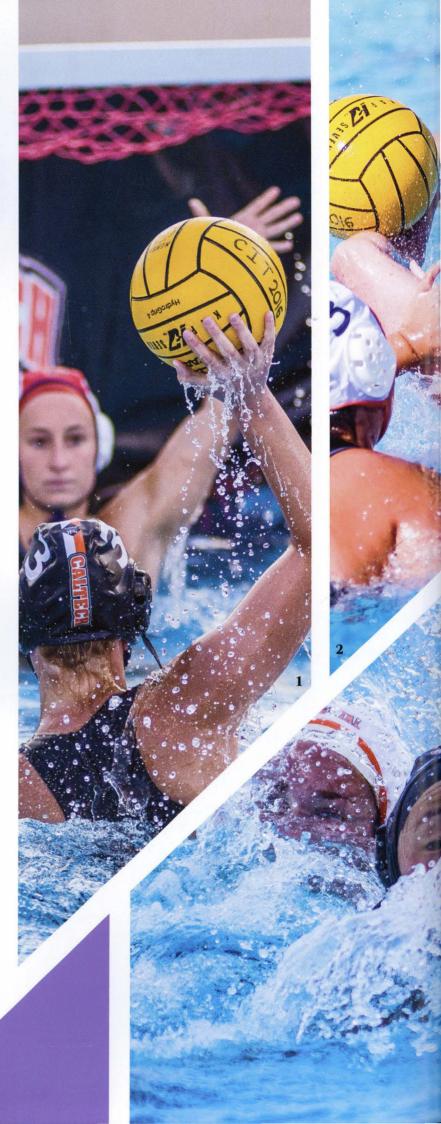
"It was inspiring to see my teammates working hard to get better every day" -Soumya Kannan '16

Claremont Colleges, the Beavers were well-prepared for their home opener against Penn State Behrend. In a tough battle, the Beavers prevailed to pick up their second win of the season, bolstered by 4 goals each from Mary Boyajian '17 and Brittany Percin '19. The Beavers kept their home streak alive by defeating Macalester College once again, thanks to a stellar performance in goal by Elise Cutts '19. Tying the program record for 3 wins, the Beavers were unable to pick up another, as they dropped their next match against Connecticut College in a heartbreaking overtime loss.

The conference season followed, and though the Beavers were unable to find a win, the conference season featured several close matches, including a 3-goal defeat to SCIAC powerhouse Claremont-Mudd-Scripps. The Beavers finished their season with many new program records and awards. Brittany Percin '19, Soumya Kannan '16 and Katie Johnston '19 all entered the top 10 in single-season goals, with 52, 42 and 24 respectively, and Mary Boyajian set the single-season record in assists with 34. Additionally, Percin and Johnston were named DIII All-American Honorable Mention, and Kannan was selected as a SCIAC nominee for NCAA Woman of the Year. - Soumva Kannan

The Team: Elise Cutts '19, Katie Johnston '19, Soumya Kannan '16. Devi Ganapathi '18, Cameron Earl '18, Alex Ilic '16, Brittany Percin '19, Sasha Zemsky '17, Gemma Takahashi '19, Hana Keller '19, Stephanie Wong '16, Ciara Ordner '18, Mary Boyajian '17

Coaches: Jon Bonafede, David Robles











Hae air



After opening the season with the program's best-ever performance at the Division III ITA West Regional in October. the Beavers knew they were on track for one of their best seasons to date. Four Beavers competed in the tournament and had extremely close matches against nationally ranked opponents, including a win by Andre Liu '19 over the tournament's #9 seed from Pomona-Pitzer.

This was only a preview of what the Beavers had in store for the rest of the season. At the season opener against Linfield, Caltech picked up a decisive 8-1 win. The match was a good warm-up

for the SCIAC opener against California Lutheran, resulting in a win. It was an historic match for the Beavers, as it was the first time they had opened the SCIAC season with a win since 1996-97. It was also their first win over a nationally ranked

opponent in program history. The victory was fueled by Derik Nguyen '19 and Zixiao Li '19, who each swept both their singles and doubles matches, and led to the program's first national ranking. as they came in at No. 40. "The most memorable moment was winning our first match against a nationally ranked team," says Sathwick Pathireddy '17 of the win. "This had always been a dream for many of the upperclassmen and to see it come true shows the amount of work we put in every day at practice."

The Beavers went on to win 7 of their next 12 matches, including two victories during the team trip to Texas over spring break. "Our team bonded really well and played competitively against regionally and nationally ranked teams," says Ruthwick Pathireddy '17 of the trip.

The set of wins also included a record 3rd victory over a SCIAC team when the Beavers defeated West No. 16 Chapman University on Senior Day to propel them into a tie for second in the SCIAC. Though the Beavers did not find another win during the SCIAC regular season, they went into the SCIAC championship tournament with high expectations, and they performed. After dropping an epic match to Whittier College that stretched over 2 days due to a rain delay,

the Beavers kept their "To see it come true heads in the game and pulled out a decisive victory over Occidental College. However, the Beavers were not able to hold on to their momentum, as they suffered a close loss to Chapman to end the season with an even 10-10 record. This

> left the Beavers with a sixth-place finish at SCIACs, the best since 2005. Additionally Ruthwick Pathireddy '17 was named Second-Team All-SCIAC and Coach Mandy Gamble was named SCIAC Coach of

the Year.

shows the amount

of work we put in

every day in prac-

tice." - Sathwick

Pathireddy '17

With Caltech's first-ever nationally ranked recruiting class joining next year, the Beavers look to build on their already historic progress

- Soumya Kannan

The Team: Alex Henny '16, Rushikesh Joshi '16, Morgan Lebby '17, Zixiao Li '19, Andre Liu '19. Derik Nguyen '19, Ruthwick Pathireddy '17, Sathwick Pathireddy '17, Praful Vasireddy '19, Leonardo

Coaches: Mandy Gamble, Jonny Wang, Devashish

SPOTLIGHT: RUSHIKESH JOSHI



What was your team's biggest accomplishment this season?

Our team's biggest accomplishment this season was achieving a national ranking of #40 for DIII tennis programs. This marked the first time in history that the Caltech men's tennis team was nationally ranked, which was indeed the goal we had always set for the program. Achieving this was incredibly fulfilling for us as a team.

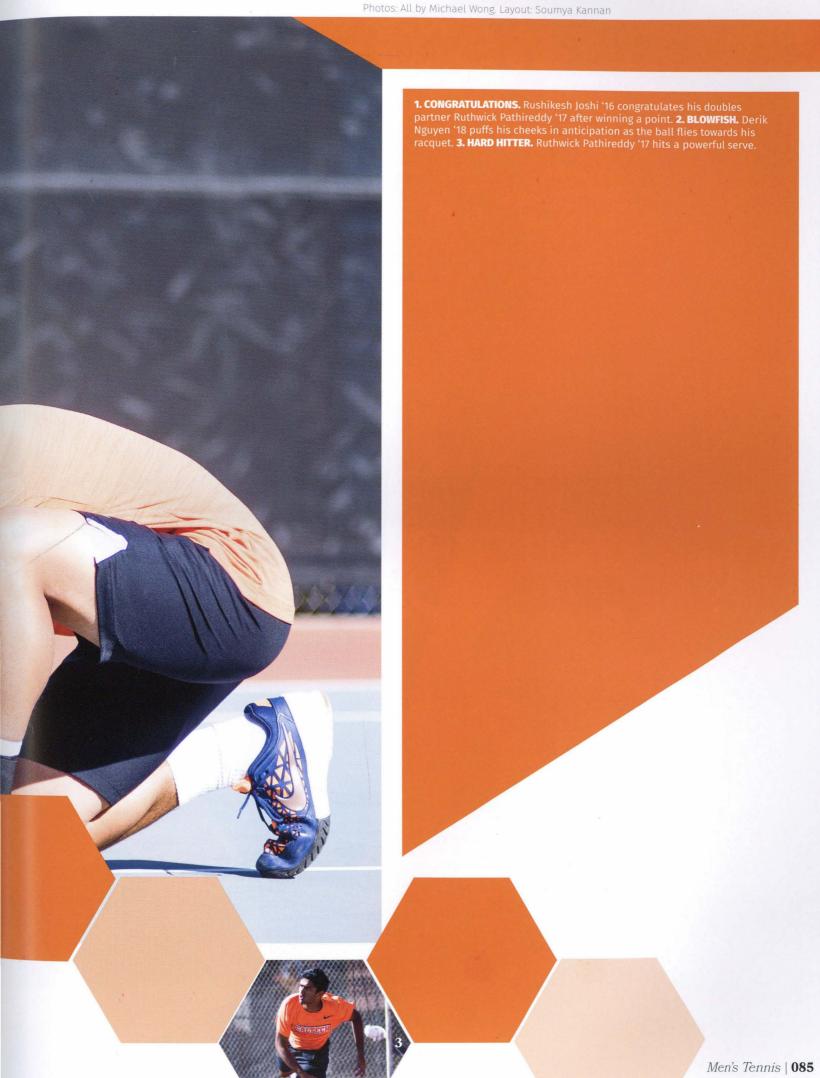
What was the most memorable moment of the season?

The most memorable moment of the season was beating conference rival Chapman on our Senior Day. During my four years on the team, we had close losses to Chapman, and to finally win on Senior Day with a 5-4 victoryw as an exciting moment for us all.

What is your favorite thing about playing tennis?

Tennis is a sport that incorporates both mind and body, testing the limits of both. I love the combination of technical skill, mind-body awareness, and strategy required to outmaneuver opponents.







Though the main tennis season occurs in the spring, the team trains year-round, and they opened competition in the fall at the USTA/ITA Division III West Regional tournament in October. Though the Beavers team only has seven players, the opening

tournament proved that "It was nice to get to beat in the upcoming that dominating win season. Julia Reisler '19 reached the semifinal of over Chapman during her bracket, the furthest SCIACs and show them of any player in Caltech history.

impressive performance, Sophia Chen '17 the Beavers were itching to jump back into competition in the spring. The schedule opened in early February with games against Linfield, Biola and conference opponent California Lutheran, all resulting in losses. However, the team earned their first win of the season against Occidental College, putting them at 1-1 in the conference. The match was highlighted by a win at #5 singles by Erin Wang '18, who came from behind, down one set to none, to clinch the team win for the Beavers.

Following Wang's inspiring performance, the Caltech team dropped their next match against Claremont-Mudd-Scripps, but hope was not lost. The Beavers came back to go on an incredible run, winning six of their next seven games, including resounding

> 9-0 victories over both LeTorneau and Whittier College.

The Beavers were not able to pick up another win in conference play. but came back strong in the SCIAC tournament. After falling to Chapman University in the regular

season, the Caltech team pulled off the 7-2 win. "during season play, we barely lost to Chapman because we were missing two starters: me, because of a sprained ankle, and Cece. So it was nice to get that dominating win over Chapman during SCIACs and show them who was really better," recalls Sophia Chen '17. This led them to a sixth place finish in the conference, the highest since 2007. - Soumya Kannan

The Team: Cecilia Andrews '19, Sophia Chen '17, Vinci Chen '18, Yeorgia Kafkoulis '19, Kana Moriyama '19, Julia Reisler '19, Erin Wang '18

Coaches: Mandy Gamble, Jonny Wang, Devashish Joshi



who was really better." -

SPOTLIGHT: **ERIN WANG**

What was your team's biggest accomplishment this season?

I think it was pretty awesome that, even though we only had a team of 7, we overcame a rough start to the season to win several big matches and finish 6th in SCIAC.

What was the most memorable moment of the season?

When we beat Pacific. For every match we won Pacific answered with a win on their side, but we managed to pull ahead at the very end to win 5-4.

What inspires you as an athlete?

Improving. Every time I step onto the court, it's all about becoming a better player, both mentally and physically. No matter how much you train or practice there will always be things you can do better, and that's what motivates me to keep striving to reach the next level.

What is your favorite thing about playing tennis?





1. MAKING A RACKET. Kana Moriyama '19 celebrates after winning a rally. **2. LEADING LADY.** Coach Mandy Gamble gives Julia Reisler '19 some mid-match advice and encouragement as she leads 2 sets to 1. **3. IN THE ZONE.** Yeorgia Kafkoulis '19 intimidates her opponent with an intense stare before serving the ball.



Photos: All by Michael Wong. Layout: Soumya Kannan



Reaching

After experiencing a season of significant progress in 2015, the Caltech track and field team was eager to get back into competition. The season opened with the annual All-Comers Meet. Performances by Edward Garza '16 in the 100m dash, Morgan Hill '16 in the hammer throw and Lucy Chen '17 in the triple jump led the way for the Beavers. Freshman Rohan Choudhury impressed in his collegiate debut as well, placing third in both the 1500m and 3000m. The improvements just kept coming at the Pomona-

Pitzer All-Comers Meet. Rohan Choudhury '19 ran his way into the Caltech Top 10 all-time list, coming in at 7th with his performance in the 3000m. Elsewhere in track events, several Beavers dropped time across the board, from sprinting to distance events. At the Rossi Relays the following weekend, Michelle Marasigan '19 joined fellow freshman Choudhury on the Top 10 all-time list in the 3000m, clocking an 11:41.53 to place 9th on the list.

After all of this, the Beavers were more than ready for conference competition to begin. At the first SCIAC Multi-Dual, the Beavers did not disappoint. Marasigan made her way onto another Top 10 list in the 800m, rank-

history. On the men's side, Morgan Hill '16 moved up on the Top 10 list in the hammer throw to 4th, and the men's team prevailed over Chap-

ing ninth in program "We made sure to make it out to support Morgan at the culmination of all his hard work" - Muksaan Goyal '19

man University for the second year in a row. Hill added a personal best in the discus throw, while Anup Kishore '16 added point-scoring performances in the long jump, triple jump, discus and javelin.

> At the second SCIAC Multi-Dual meet, Hill continued to climb the Top 10 list in the hammer throw, moving into third place while winning the event. Lucy Chen '17 joined in the fun, moving up to fifth in program history in the triple jump, while Michelle Marasigan '19 turned in the seventh best time in program history in the steeplechase, her first time competing in the event.

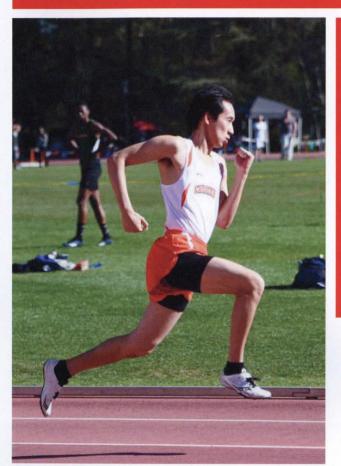
> > After a great deal of buildup, Hill shattered an 81-yearold program record in the hammer throw. "The most memorable moment was when we all came together to watch Morgan break the school men's hammer record. Sometimes it can be hard to support our teammates when we have events at the same time, but we made sure to make it out to support Morgan at the culmination of all his hard work," recalls Muksaan Goval '19.

> > > After a stellar season, it was no suprise that Morgan Hill '16 placed third in the hammer throw at the SCIAC Championships to earn All-SCIAC recognition. The meet also featured significant drops in time across the board, and look forward to building on the positive improvement next year. - Soumya Kan-

The Team: Alex Bourzutschky '18, Ben Calvin '19, Lucy Chen '17, Rohan Choudhury '19, Serena Delgadillo '18, Rohan Doshi '19, Edward Garza '16, Muskaan Goyal '19, Chris Haack '18, Michael Hashe '19, Morgan Hill '16, Joey Hong '19, Teddy Hu '17, Anup Kishore '16, Lilly Luo '17, Michelle Marasigan '19, Elliot Simon '16, Gene Vaughan '18, Kevin Yei '16

Coaches: Ben Raphelson, Caleb Weidert, Damon Hall, Brian Gunnarson





What was the team's biggest accomplishment this season?

Our team was able to secure two conference dual meet wins this season, a marked improvement over having won only one dual meet over the past four years combined. I'm very proud of the team's progress this year, and I look forward to watching them to continue to improve in years to come!

What was the most memorable moment of the season?

At our first Oxy meet, it rained so hard that the teams had to seek refuge in the underground locker room for about an hour. Although several events were delayed/cancelled, it ended up being a fun team bonding experience.

What movivates you as an athlete?

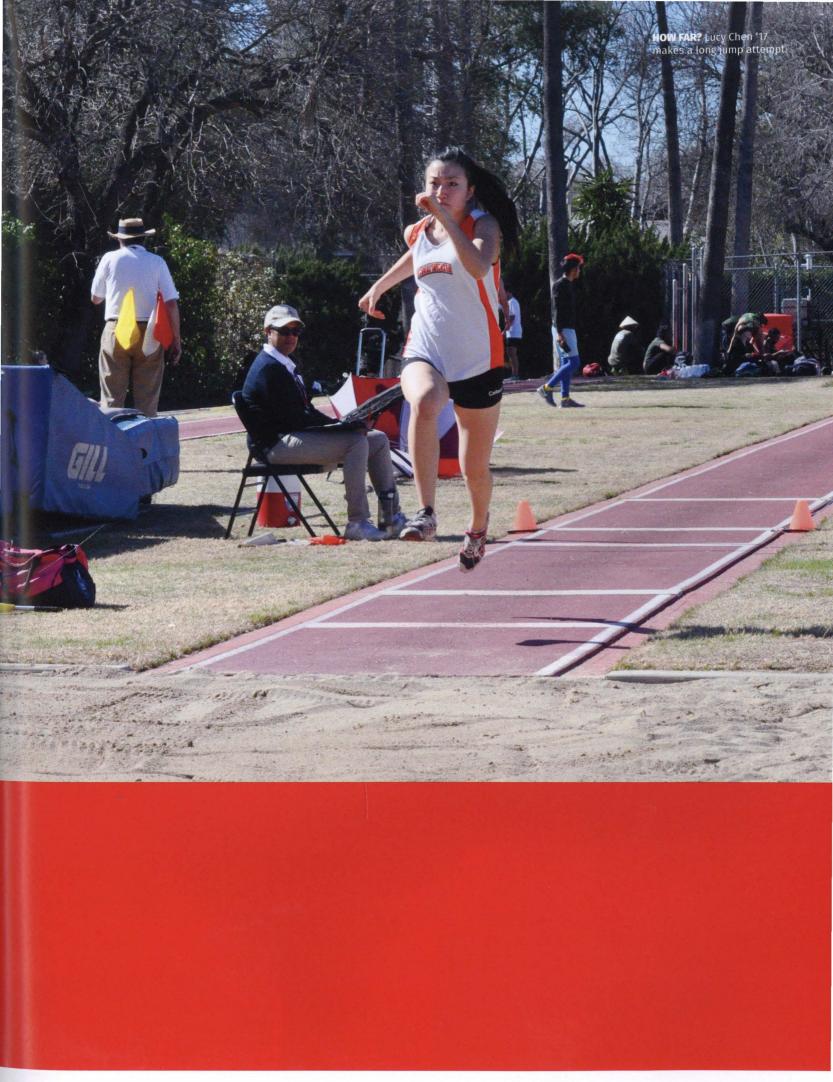
I strive for continual self-improvement in all areas of my life, and athletics is no exception. I also like to run fast.

What is your favorite thing about running track?

My favorite thing about being a track and field athlete is the opportunity to meet and spend time with a group of individuals who strive for the same self-improvement that motivates me. I feel so privileged to have spent the last four years training and competing alongside my teammates here at Caltech.

SPOTLIGHT: KEVIN YEI











1. WOOKIE COOKIES AND YODA SODA. After students were awakened in the morning to defend their forts, the celebrations continued with a CDS Star Wars dinner at Avery. 2. THE REBELS. Blacker seniors Keegan Ryan '16, Andrew Romine '16, Sean Mendoza '16, Rebecca Tang '16, and Catherine Pavlov are all excited to set up for the fake ditch day, even though it is 7:00 AM. 3. THE BATTLEFRONT. Students are escorted by a Storm Trooper onto Broad Lawn after the battle. 4. HARRISON FOOD? A delicious must-have at the CDS Dinner were the Hans Solo Cups. Yum! 5. JOIN THE RESISTANCE. Blacker underclassmen show off their lightsabers (aka pool noodles). 6. WELCOME TO THE DARK SIDE. The best part of the fake ditch day had to be meeting Darth Vader and Emperor Palpatine.

THE FROSH

"Meeting the engineers

Star Wars special effects

and artists behind the

light of my year."



Photos: Caltech Parents. Layout: Meghana Pagadala.

The morning started like any other. Pots and pans clanged in the hallway. Seniors aggressively banged on doors, and as underclassmen pulled themselves out of bed, the Star Wars theme song blared in the courtyard.

After signing up for the stack and congregating in the courtyard, students were equipped with was definitely the highpool noodles and sent off on an unknown mission to Broad Lawn. Upon

arrival, there were eight flags, one for each of the houses. Each house built a fort, or a "Death Star". Some used cardboard boxes. Some supplemented the boxes with wooden frames and planted their flag on incredibly tall masts. Some spray-painted their boxes their house color. After a few minutes of hastily composing forts and

disguising house flags, it was time for the games to begin. Houses relied on a range of strategies, from guerilla warfare to misdirecting opponents as to the locations of these flags. After an hour of tearing apart

boxes and trading blows with pool noodles, a champion was found: Ruddock. On top of the morning's fake stack, ASCIT, with the help of Tom Mannion, organized two showings of the new Star Wars movie, - Kate Lewis '17 The Force Awakens in Beckman Auditorium.

> along with discussion panels with the crew behind special effects for the film, complete with the 501st legion patrolling campus. According to Kate Lewis '17, "Meeting the engineers and artists behind the Star Wars special effects was definitely the highlight of my year." - Sakthi Vetrivel















A.C.E. the GHTAWAY

SCIT Formal - the closest event we have to prom, except it's college. Your mom's not forcing you to buy a corsage, and the pictures are far less awkward. Every year, the Associated Students of Caltech sponsor the spring formal for

undergrads. After an amazing night at a yacht club in Marina Del Rev last year, we moved into the gorgeous Noot Ballroom in Pasadena this year. With black lights surrounding the dance floor and cast iron chandeliers in the

dining hall, the stage was set for a night to remember (or not, depending on how much you appreciate the wine bar).

students took advantage of the buffet dinner, the cheesecake bar, pyramids of milk tea, and an unlimited wine bar (for of age students, of course) and to make sure everyone got home safe, there were plenty of buses shuttling from campus to

With an

amazing

it was the

lounge

"If you didn't take a picture, did you really get dressed up?"- Kelsi Riley '19

> for students to catch up with friends they'd lost in piles of problem sets. And with a photobooth at the edge of the dance floor

there was no shortage of group pictures commemorate the event. Kelsi Riley '19 commented, "If you didn't take a picture, did you really get dressed up?

But ASCIT formal is rarely about the luxurious venue. Within minutes of arriving, students mobbed the dance floor. Bobbing along to artists like Sia and G-Eazy, the dance floor was a great place for students to forget about the stresses of school and let loose. Kalyn Chang '17 added, "Overall, it was a fun time and everyone who wanted to was able to dress up and go out for a night, which was really nice because sometimes Caltech students need a nudge to get off campus." - Sakthi Vetrivel

1. POSE, Amy Hu '16 and Leon Ding '17 glow in their super cute couple photo. 2. FOOD FIRST, DANCE SECOND. May Hui '16, Cynthia Jiang '16, and Rebecca Du '16 aren't hiding what they really came to ASCIT Formal for. 3. CANDIDLY CUTE! Amarise Little '16 and Torin Thosath are caught by the camera sharing an inside joke. 4. ALL MY LADIES. The best part of ASCIT Formal is being able to dress up. Bianca Lepe '16, Preethi Periyakoil '18, and Nikita Sirohi '17 make up quite the patriotic trio with their red, white, and blue. 5. CALTECH'S ANGELS? Noah Nelson '18 and Jessica Cheng are just missing a third person for this classic Charlie's Angels pose + food. 6. EVERYTHING'S BETTER IN PAIRS. Webster Guan '16, Grace Lee '17, Rachel Ng '18, and Jihoon Lee '16 pose for the camera before they make their way into Noor. 7. AVERY IN THE HOUSE! Several members of Avery House come together for a picture. 8. THE GIRL IN RED. Ayaana Sikora '18 and Henry Steiner '19 are all smiles at ASCIT Formal. 9. WANT TO TAKE IT OUTSIDE? Eugene Bulkin '17, Yixiao Yan '18, Grace Lee '17 and Webster Guan '16 literally take it outside to see the beautiful view of Pasadena from Noor's balcony. 10. PAGEGIRLS. Anvita Mishra '18 and Suzannah Osekowsky '17 take a picture before the night begins in Noor. 11. ALL BLACK EVERYTHING. Connor Lee '17, Esther Du '16, Jean-Alexandre Turban '16, and Alex Pien '16 come to ASCIT Formal in the color of the night--black. 12. FRESH PRINCES OF PASADENA. Akshay Srivastava '19, Ruchi Pandya '19, Sarah Jeoung '19, and Ethan Pronovost '19 know how to keep the night young. 13. LINE IT UP. The best times to update your Facebook profile is after ASCIT Formal. What is better than a great photo with your best friends. 14. CREW! Obviously, Rushikesh Joshi '16 is ready for the night with his friends.

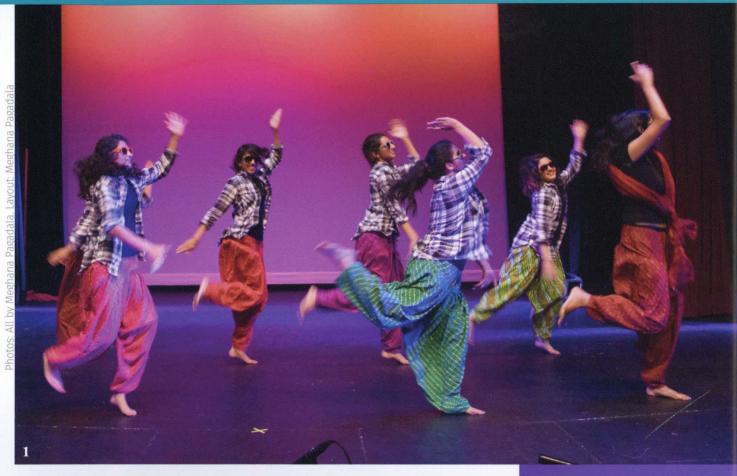








MASALA MASTI



Short and sweet is the way to describe OASIS Show this year. Even though there were only 6 acts, each one of them was entertaining and amazing.

OASIS Show started off with Caltech's Indian Classical Dance team, Aarya, who wowed the audience with their performance of A.R. Rahman and Vanessa Mae's "Raaga's Dance Song." Although

"We had a lot of fun

both backstage and

on stage. " - Shreya

Ramachandran '19

Aarya only became a club this year, their choreography was out of this world as they personified musical instruments and snakes. Aarya's performance was followed by a vocal piece by Amer

Kothari and dance number by Chandru Dhandapani and Bhawna Motwani.

After intermission, the show resumed with a Carnatic performance including Anupama Lakshmanan and Aadith Moorthy '18 singing, Siddarth Prasad '19 playing the flute, Vasant Iyer '17 playing the violin and Arun Chandra '16 playing the tabla. After their melodious

performance, Caltech's first Bollywood dance team, Tech Naach, performed. The all-girls dance team was full of sass, grace, and fun as they performed to "Cinema Choopistha Mama" and "Pinga." The flannel shirts and sunglasses were definitely a great touch to end Tech Naach's performance.

To end the show, Caltech Dhama-

ka put on a play led by Anshul Ramachandran '18, Nikhil Gupta '19, Anise Rau '19, and Reeti Gulati '18. The play, which was inspired by "Hitch," was filled with humorous moments, lots of

dancing, and fun costumes. Shreya Ramachandran '19 says about her first OASIS Show, "I liked how it was a very relaxed show. We had a lot of fun both backstage and on stage. There was no pressure to perform well; everyone participated just because they enjoyed what they were performing." - Meghana Pagadala









1. DIRTY SOUTH. Tech Naach breaks it down to the South Indian hit, "Cinema Choopistha Mama." 2. DANCE TO THE **BEAT.** Caltech's newly-formed Indian classical dance group, Aarya, amazes the audience with their creative choreography and synchronization to A.R. Rahman and Vanessa Mae's "Raaga's Dance Song." 3. THE BOYS ARE BACK. The Dhamaka boys open the OASIS Play with "Dus Bahane" and show their brotherly bond with an intricate tutting section. 4. GOTCHA! Emcee Anand Poozhikunnel '17 is caught not paying attention to his fellow emcees, Prakriti Paul and Parul Kudtarkar. 5. MAGIC MIKE. Daniel Gomez '16 tries to ramp up the OASIS play inappropriateness level by ripping off his shirt. Children beware! 6. SA RE GA MA! Anupama Lakshmanan, Aadith Moorthy '18, and Vasant Iyer '17 perform to select Carnatic pieces. 7. WATER BUCKET CHALLENGE? Graduate students Chandru Dhandapani and Bhawna Motwani entertain the audience with their performance of "Masakkali."



DIFCHI











WAKE UP, FROSH!

Ditch Day can be thought of as "Christmas in May." It is a day that most underclassmen wait for and a day that all seniors prepare for. Although technically only seniors and administration know the exact date of Ditch Day, most underclassmen know when the day is getting close. This year, Ditch Day was on May 29th. Each house has different traditions for Ditch Day. However, in each house, underclassmen are awakened around 8:00 AM. Excited and anxious, underclassmen sign up for "stacks." Back in the day, underclassmen would break into seniors' room during Ditch Day. To prevent underclassmen from destroying their rooms, seniors would "stack" objects in front of the doors

and also leave puzzles. Although the initial term has lost its relevance, the day of fun, puzzles, an activities still are called "stacks." Each "stack" has some sort of theme. These themes range from "Zelda" to "Air Bud" to "Guardians of the Galaxy" to "Finding Dory." No matter the theme though, all stacks share a common theme of adventure, surprise, and fun.

Jenny He '17, who was on the

xkcd comics Avery stack, remembers all the fun things she did: "The stack was a perfect combo of physical and mental challenges. We had our own escape room with lots of short math puzzles where people could work on different puzzles

together and come up with combinations that opened locks. Ultimately there was

a box where, if you put a magnet on it in just the right spot, it unlocked something inside."

On the "Finding Dory" stack for Avery, people got to go fishing in the gene pool. On the "Indiana Jones" stack for Ruddock, underclassmen got their own whips and practices using them. From Fleming, the "Amazing Race" stack ended with an overnight camping trip. Some stacks went

indoor skydiving and others went go-karting, paintballing, and kayaking. And, the best part of Ditch Day is that you do not have to go to class, turn in homework, or do anything academic. It is a day to relax, have fun, and celebrate

- Jenny He '17 anyt is a

"We had our own

escape room with

lots of short math

puzzles..."

what a special place Caltech is. - *Meghana Pagadala*



1. FISH ARE FRIENDS. In preparation for the upcoming Pixar film, Avery seniors organized a "Finding Dory" stack. **2. MANNERS MAKETH MAN.** Lloyd seniors designed a "Kingsman" themed stack that included indoor skydiving and paintballing. **3. WOOF!** You can never go wrong with a stack based on America's favorite dog. Ricketts underclassmen pose for a picture in their cool Air Bud tanks that they got for Ditch Day. **4. ATTACK!** Anjali Premkumar '17 is ready for battle, as she practices her archery skills in the "Fire Emblem" Ruddock stack. **5. I AM GROOT!** Even though they were awake all night, Xiaomi Du '16, Annie Chen '16, Stephanie Wong '16, and Esther Du '16 are still all smiles as they see their "Guardians of the Galaxy" themed stack unfold.

Ditch Day | 105





1. PRE-BFP PARTY. Fleming members, Mark Lorden '16, Ayaana Sikora '18, Jessica Nassimi, Sandia Akhtar '16, and Patric Eck '16, take a selfie during the Caltech musical festival "Techstock." 2. 1985 to 2016. After all the Caltech bands competed and the winners were announced, the headliner-Bowling for Soup-performed. They did not disappoint, performing their classics, such as "1985" and "Girl all the Bad Guys Want." 3. #SELFIE. Vasant lyer '17, Federico Presutti '17, Lasya Marla '16, Krishnan Chander, and Anjali Premkumar '17 are all smiles during Techstock.

BAND

After the success of the music festival last year, Caltech students Garrett Levine '18 and Vincianne Chen '18 brought together undergraduates, graduate students, and JPL employees for a second year. Following months of planning and thanks for funding from MHF and ASCIT, it was finally time. By 9 AM, a stage was installed in front of the Winnett Center, kegs had arrived for the beer garden, and the lawn was filling up with students laying out blankets.

The morning kicked off with the Battle of the Bands, where each band performed sets in the hopes of advancing to the semifinals and finals. Thirteen bands competed: Mr. Vampire, Ash Street Ramblers, Post-Documentarians, State Park, Serotonal, Rice and Beans, The SI's, Charlie and the Daymen, Searching for Beau, The Little Big Band Theory, Donald

Trumpet and the Political Experiment, Many Distant Cities, Pull and Snap, The Degenerates, Critical Hit, and The Seventh Season.

Following a tight finals showdown, Many Distant Cities snatched the

"...seeing every-

an amazing time

one have such

made all of the

stress worth it"

- Garrett Levine '17

victory to claim a cash prize, and more importantly, bragging rights.

After a victory lap, it was time for Techstock's headliner band to bring it home. Historically, it's always been a famous rock band; after

a performance by Downtown Fiction (and a surprise visit at BFP) last year, the

festival closed out this year with Bowling for Soup. Along with the wave of nostalgia, Bowling for Soup invited a few students onstage to perform alongside the band. Anjali Premkumar '17 guest starred on the Phineas and Ferb theme song, singing it

not once but twice. Another fan favorite was Rushikesh Joshi '16, who commandeered a microphone, danced on stage, and reminded us of all those childhood dreams of being in a rock band.

Following the whirlwind of a day, Levine commented, "Honestly, it wouldn't have been possible without the amazing team that worked with me, and seeing everyone

have such an amazing time made all of the stress worth it". - Sakthi Vetrivel



FINALNOTE

Acapalooza is the last acapella concert of the year, which also makes it one of the most exciting. Since it is an all-Caltech concert, each group isn't afraid to be silly and show off their unique and funky style (this year snapbacks and bow ties abounded). In addition Acapalooza is also the last chance graduating seniors have to sing with their acapella families, making it one of the most fun and sentimental concerts of the year.

The concert kicked off with the

Pipettes, Caltech's first and only all group. The Pipette's messed up in the middle of female acapella walked out sporting 'Magic', we kept the energy and all kinds of wacky clothing, from a shiny metallic beanie to a full on zebra print onesie. The group's first two songs featured their graduating seniors and were in dramatic contrast to their zany outfits, anything we can do alone." beginning with a stunning rendition of "Titanium" by

senior Rebecca (Becky) Tang '16 followed by a sultry performance of "Rivers and Roads" sung by senior Jessica Lam '16. The Pipettes ended their performance by nodding to their crazy fashion choices with a soulful arrangement of Post Modern-Jukebox's "Thrift Shop". This song featured the rap stylings of Amy Zhai '19 as an amazing Macklemore. Finally, in a sentimental moment before walking off

the stage, the Pipettes presented seniors Jessica and Becky two flower bouquets and many hugs.

Next, emcees Daniel Gomez '16 and Richard Zhu '18 introduced the Keytones, Caltech's first and only all male acapella group. Their bow tie adorned performance was a good deal manlier but just as zany as the Pipettes', beginning with a beautiful (or should I say handsome) interpretation of the traditional American folk song "Oh Shenadoah." This

song featured a "I really love how, when we host of soloists but was punctuated by gorgeous high notes by tenor the fun going, and we ended up Wesley Glenn making a big, strong finale. It and creamy was a moment that exemplified low notes by bass Henry everything I love about OoC and Swanson '17. the a cappella community - how The Keytone's then featured we lift each other up and make their two something more beautiful than graduating seniors. beginning with - Vasant Iyer '17

> of "Can't Take My Eyes Off of You" by Patrick Nikong '16. The Keytones followed this with a moving "Back at One" by Jalani Williams '16.

a loveable

interpretation

After a brief intermission the concert resumed with a mixed gender group, Fluid Dynamics. FD began with a powerful performance of "Shake it Out" by graduating senior Catherine Paylov '16. FD then followed this with a beautiful "Don't Know Why" featuring the pure toned Audrey Wang '18. FD ended their performance with an energetic "Black Horse and The Cherry Tree" featuring the lovely and exuberant Lucy Chen '17.

Finally the concert closed with Caltech's oldest acapella group and (appropriately) the only group without a science pun in their name, Out of Context. The group began with an arrangement of "Settle Down" featuring vocal powerhouse Diandra Almesco '19 followed by an arrangement of the Pentatonix mashup "La La Latch" sung by Vasant Iyer '17 and Amy Zhai '19 (from the Pipettes too!). Out of Context director Rachel Morton then introduced the group and gave a shout out to the soloist for their next song, graduating senior Lasya Marla '16 in her debut arrangement of "Forget You". The group then took things down a notch, to the dark sounding song "Still Here" featuring the angelic voice of Rachael Morton '18. Finally Anjali Premkumar '17, Out of Context's other director nodded to the groups other graduating senior, the ever fun Daniel Gomez. During Anjali's announcement the rest of the group gathered snap backs to wear in Gomez's energetic and crowd pleasing performance of "Magic". Vasant Iyer '17 reminisces, "I really love how, when we messed up in the middle of 'Magic', we kept the energy and the fun going, and we ended up making a big, strong finale. It was a moment that exemplified everything I love about OoC and the a cappella community - how we lift each other up and make something more beautiful than anything we can do alone." - Lasva Marla



1. LET THE CHORDS FLOW. Jessica Lam '16 performs "Rivers and Roads" by The Head and the Heart. The audience definitely felt her heart as she delivered a powerful performance for her last concert. 2. SOUND OF THE SOUL. Out of Context harmonizes with Vasant Iyer '17 as he sings "La La Latch" by Pentatonix.

3. STUNNER. Although only a freshman, Audrey Wang '19 is mighty and moves the audience with her solo. 4. TAKE A BOW. Preethi Periyakoil '18, who helped start the Caltech Pipettes, introduces the group's arrangements. 5. GOLDEN RECORD. Daniel Gomez '16 closes his college acapella career with his rendition of "Magic," after reminiscing about how Out of Context was like his family.















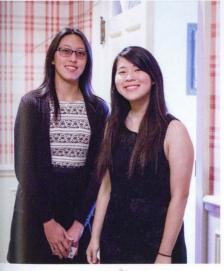
























"Even more than what you think, how you think matters. The stakes for understanding this could not be higher than they are today, because we are not just battling for what it means to be scientists. We are battling for what it means to be citizens." - Dr. Atul Gawande, 2016 Commencement speaker

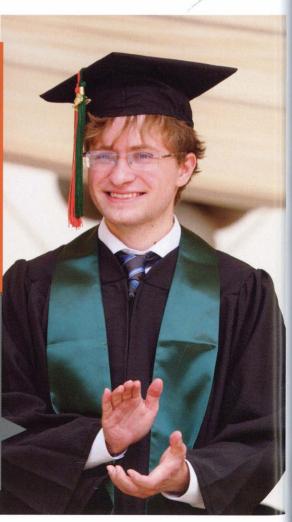






expanded my scientific knowledge and what I believe in. - Bianca Lepe '16

happier and more satisfied person."
- Nicholas Scheifer '16















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AVERY











AVERY

BOBA? BOBA!

420 SNAPS

STORY TIME
DANCE CENTRAL

IT'S A BIRB IT'S A REALLY BIG BIRB FOUR TONY BLAZE IT

ILLUMINA FI HOTLINE BLING

VALENTINE'S DAY

DANK MEMES

CANADIA

TRIPODS

PUREST CINNAMON ROLL

ULTIMATE FRISBEE

CARBACE

NICIONALE

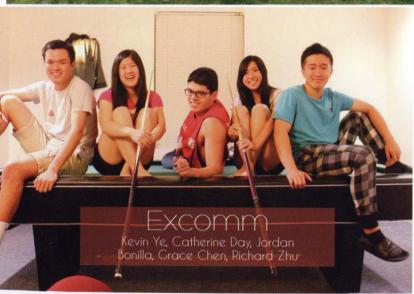
AYY LMEOW

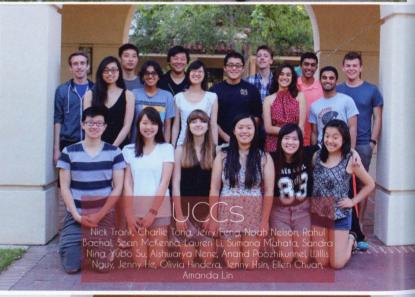
KISS MY FOOT
SQUISHABLES
STUDIO GHIBLI
N+1 DISC SALT
VOLLEYBALL MOM

HOUSE

Avery | **121**











BLACKER











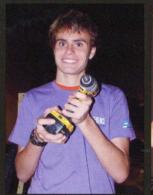
















FROSHCLASS

top row, from left • Enrico Borba • Evan Haugh • Luke Finnerty • Tom Gorordo

- Christopher Johnstone Amy Zhou Julia Deacon
- Dillon Azzam Brittany Percin Sarah Deretic
 - Patricia Beekman Zachary Domanico

bottom row, from left • Alexander Reeves

- Benjamin Calvin Claire Goeckner-Wald
- Evan Gunter Diandra Almasco Kalliopi Somis
 Leo Balestri Michelle Anthony Allison Tang
 - Sophie Whitmeyer Madelyn Stroder
- Tiffany Jager Hannah Chen Sophus Shackford

not present • Alexander Denko • Grzegorz Flores• Luke Liao



















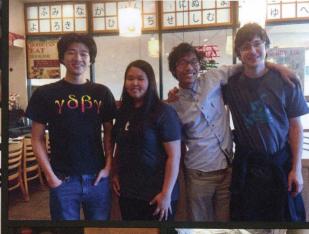




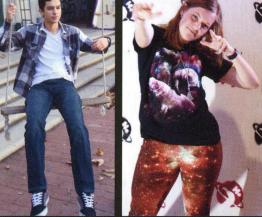














SMORECLASS

front row, from left • Chen Chang • Nick Meyer •
Brian Lee • Kevin Shu • David Wu • Mayra
Melendez • pineapple • Stephanie Kwan • Lucille
Wells • Annie Chang • Paige Gannon • Caroline
Howard • Alison Dugas • Anusha Nathan
shopping cart • Carly Robison
back row, from left • Alex Meiburg + artichoke
• Robert "Reng" Eng • Tyler Middleton • Thom
Chaffee • William Lake • Jake Ketchum • Erich
Herzig • Mark "the Interhouse" Gillespie
not pictured • Avinash Agrawal • Nathan
Barton • Anne Dorsey • Francesco Macagno •
Tyler "T-Pain" Perez • Ruoqi Shen





























































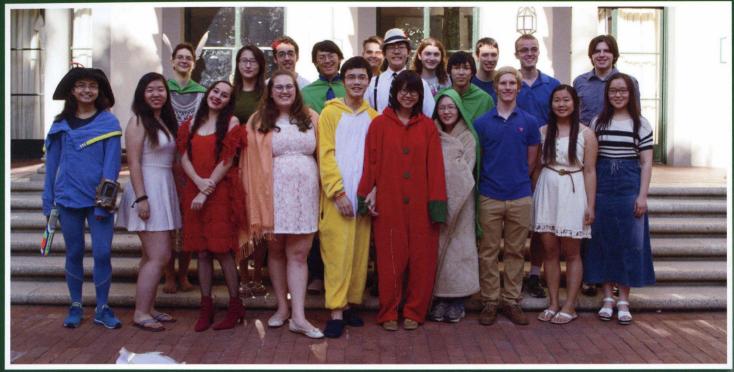








FRESHMEN



First Row: Lazarina Butkovich, Jessica Wang, Lydia Kivrak, Nadine Bradbury, Richard Chen, Helen Xue, Amy Xiong, Daniel Magley, Alison Ren, Gefei Dang

Second Row: Tiffany Jager, Sophie Piao, William Xu, Daniel Xu, Charles Lien, Michael Seaman, Alejandro Yankelevich *Third Row:* Filippos Bountalis, Agne Skripkaite, Kyle Seipp, Kevin Yuh

Not Pictured: Tyler Port, David Gunby, Ian Garcia, Max Wang, Ishan Mazumdar, Benjamin Zhao, Zachary Chase

SOPHOMORES



First Row: Charles Nelson, RJ Antonello, Gillian Kopp, Oriel Humes, Agne Skripkaite, Jessica Li Second Row: Tristan Murphy, Gabrielle Tender, Sam Bardwell-Evans, Aaron Anderson, Rita Sonka Third Row: Matthew Weidner, William Ballinger, Haojie Zhuang

Not Pictured: Victor Baules, Arjun Bose, Alex Bourzutschky, Jared Filseth, Richard Lee, Ruomeng Wang, Audrey Wang, Max Zhan

JUNIORS



First Row: Slava Butvokich, Alex Geffner-Mihlsten, Adrian Harry, Kyle Seipp, Lyra Cao Second Row: Diana Ardelean, Michelle Wang, Colin Murphy, Agne Skripkaite, Jacob Stark Third Row: Eve Yuan, Christopher Dosen, Johnathan Stauffer, Connie Robinson, Sierra Lincoln

Not Pictured: Yury Aglyamov, Alec Brenner, Lyra Cao, Henry Elbaum, John Galden, Daniel Gu, Victor Han, Netgie Laguerre, Peter Lommen

SENIORS



First Row: Chengyi Lee, William Hoza, Kayane Dingilian, John Clark Second Row: Kevin Yuh, Michael Wheeler, Nicholas Schiefer, Sylvia Hurlimann Third Row: Jimmy Cuy, Albert Gural, Agne Skripkaite, Panavia Shou

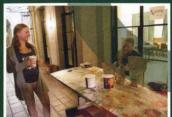
Not Pictured: Vy-Luan Huynh, Alexander Mun, Hong Joon Park, William Reichard, Samuel Savitz, Hannah Walsh, David Warrick, Andrew Zhao

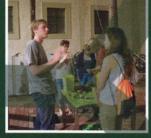






























































































DABNEY



Sierra Lincoln VICE PRESIDENT



Jalex Stark PRESIDENT



Gabrielle Tender SECRETARY



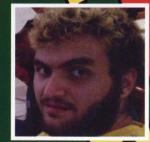
RJ Antonello SOCIAL VP



Jessica Li TREASURER



Aaron Anderson SOCIAL VP



Tyler Port
COMPTROLLER



Nadine Bradbury GARB DARB



Kyle Seipp COMPTROLLER



Sophie Piao ALCHEMIST



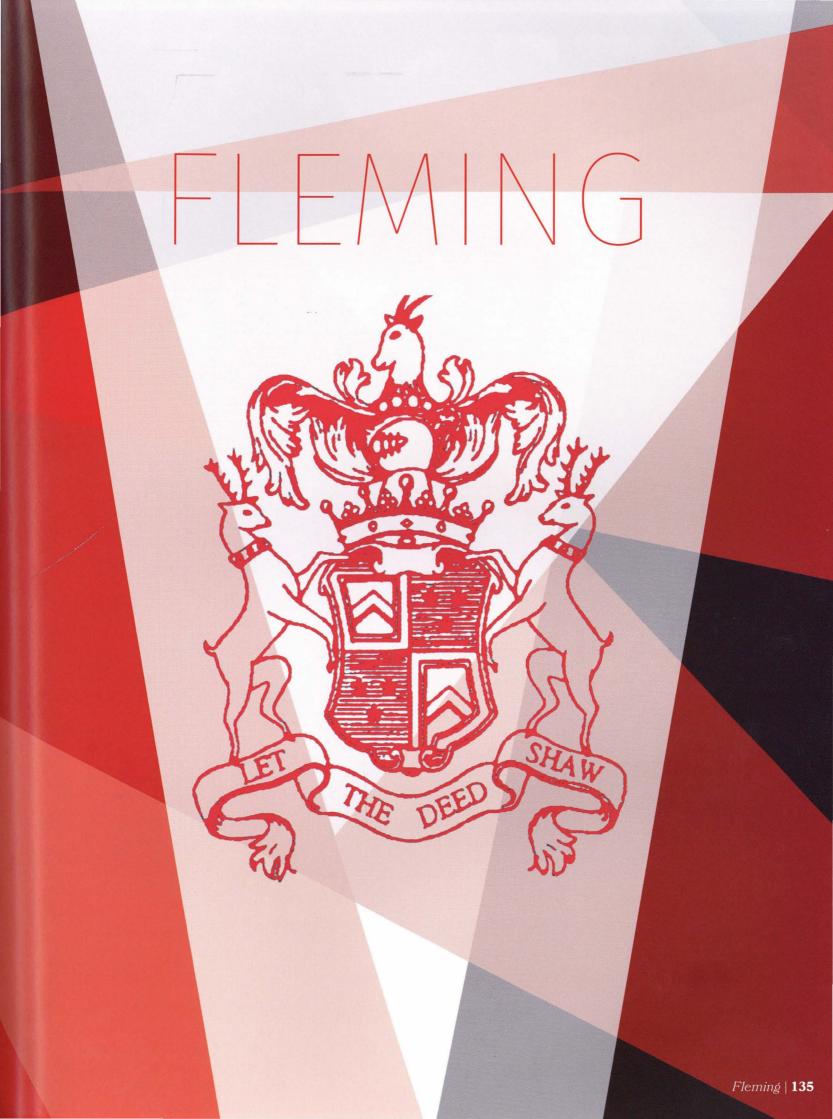
Richard "the" Chen HISTORIAN



Damiel Magley CAPTAIN PLANET



William Xu ATH MAN



























FLEMING HOUSE







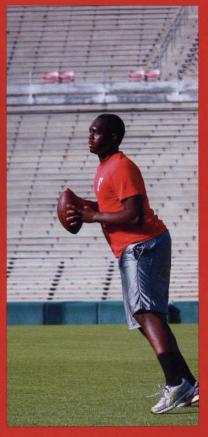






















2015-2016





LLOYD





LLOYD HOUSE

I live and die for those I love



Frosh



Sophomores



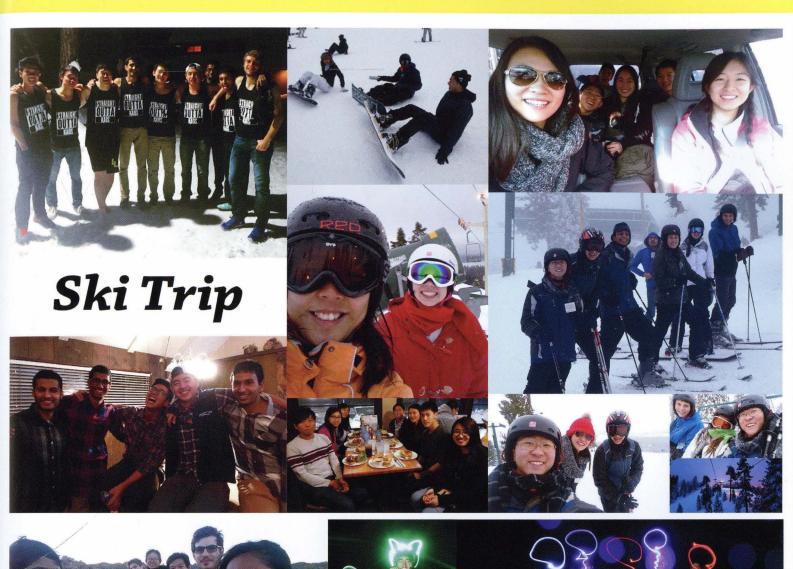
Juniors



Seniors



Brob









Camping at JTree











Christmas Tree ADVENITURES & TRADITIONS







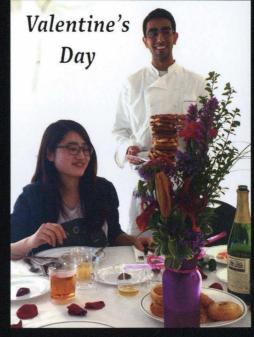


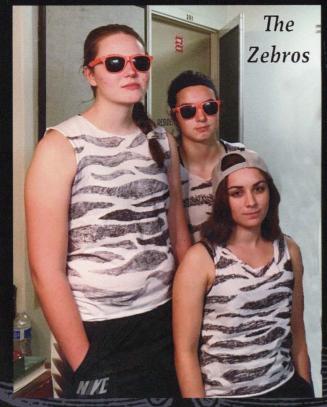


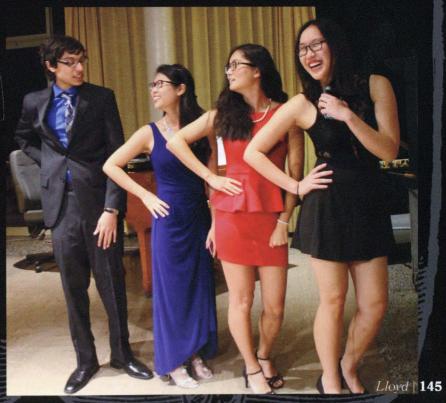












Joe Roddy Rep at Large

Grace Park Rep at Large

AthMan

Peter Kundzicz Darius Simmons Social Director

Kate Lewis Social Director













Evan Sloan Superintendent



Nick Haliday Secretary



Bobby Sanchez President



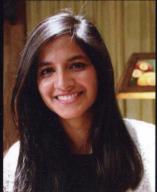
Ankit Kumar Treasurer

Amal Tarig Fingal's Cave

Sophia Chen Virgin Islands (Tail)

Sarthak Sahu Kaos, Rep at Large

Amanda Gao Purple











Joe Donermeyer Valhalla



Rachael Morton Dominic Yurk Inferno



Tropics (Head)



Ishwar Subramanian Off Campus



Malavika Venkatesan Off Campus

PAGE





Seniors



Juniors



Sophomores



Freshmen

Excomm

President - Nishant Desai Vice President - Sarah Cai Treasurer - Patrick Hsu Secretary - David LeBaron Man of Ath - Jack Lloyd



Soc Team

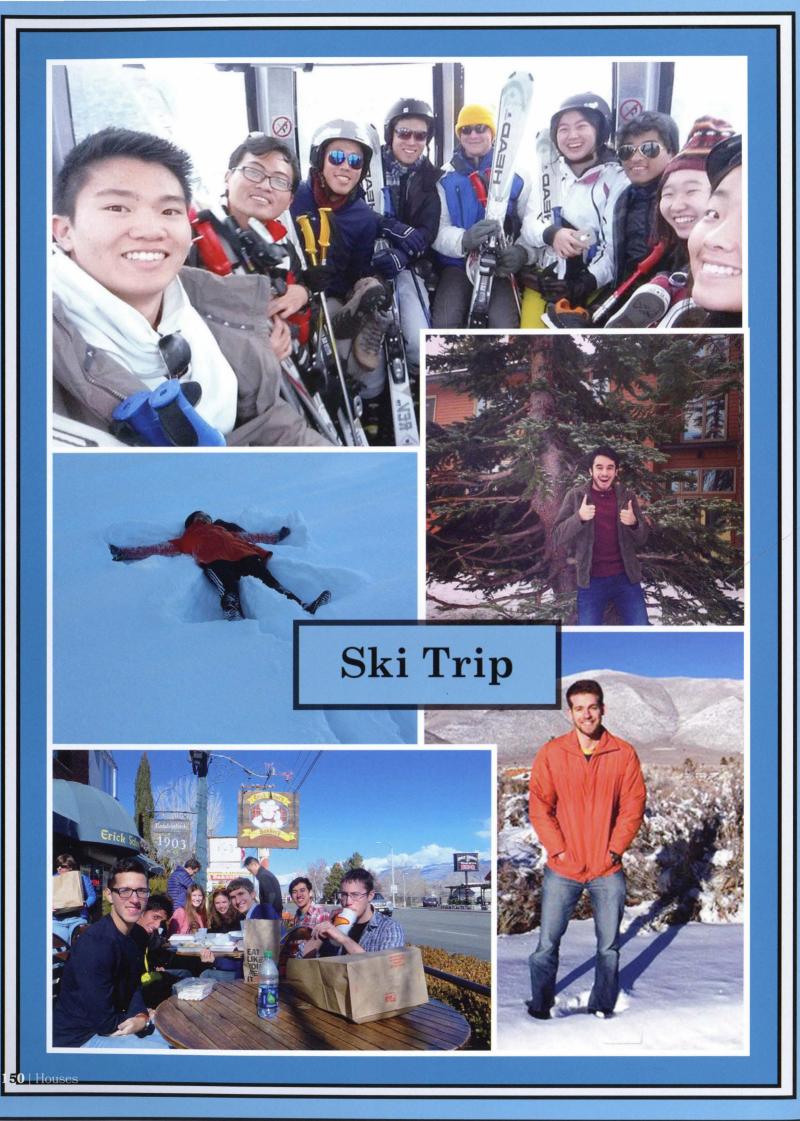
Nishad Maskara Tiffany Zhang Maria Newport Sarah Cai Suzanne Oliver Nicholas Redd Madelyn Wang

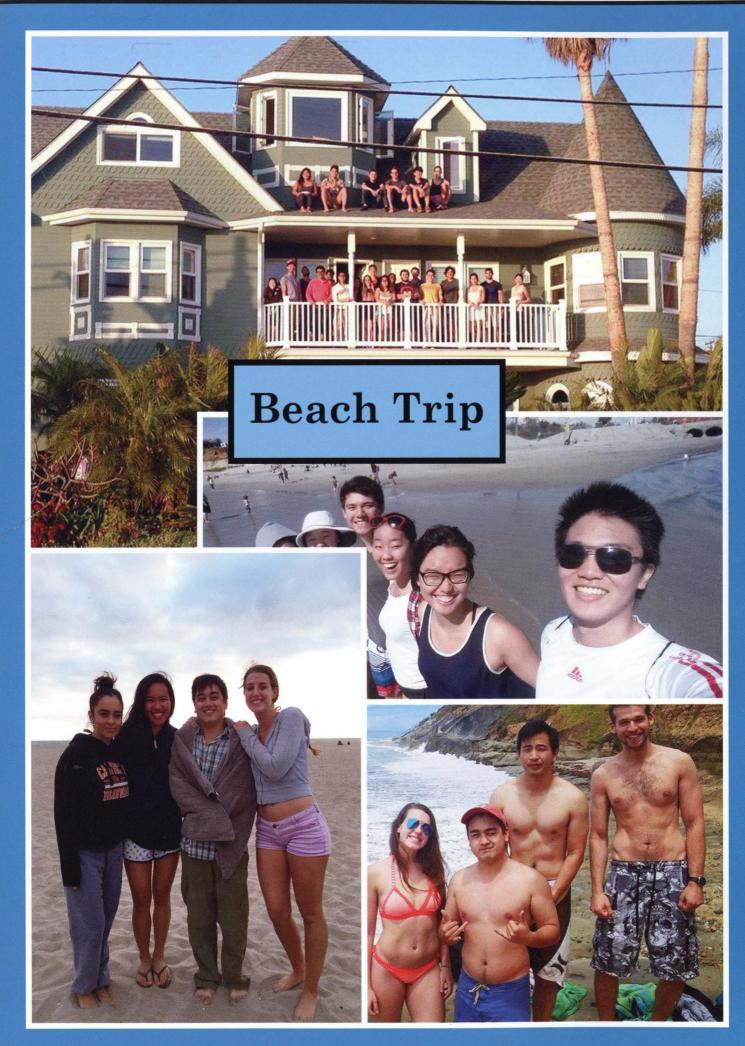


Ath Team

Gemma Takahashi Nicholas Redd Jack Lloyd Aaron Sartin



























RICKETTS













RUDDOCK

















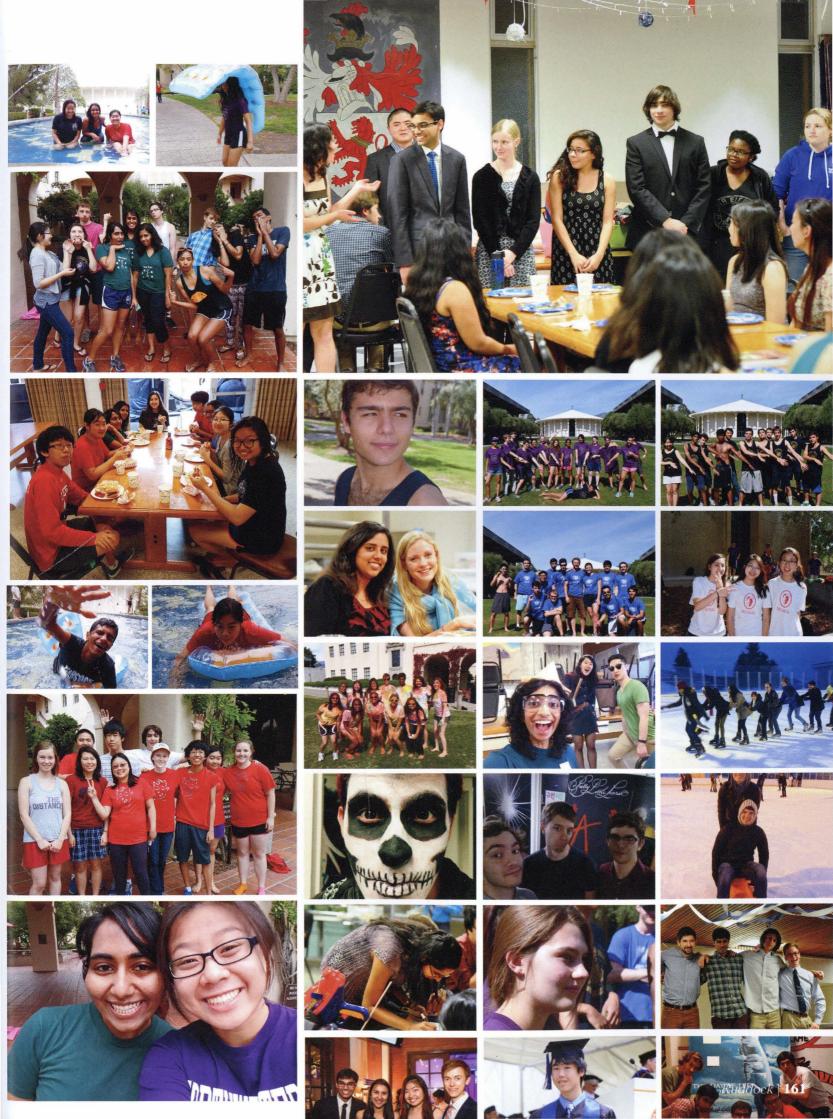
NEW HOPE

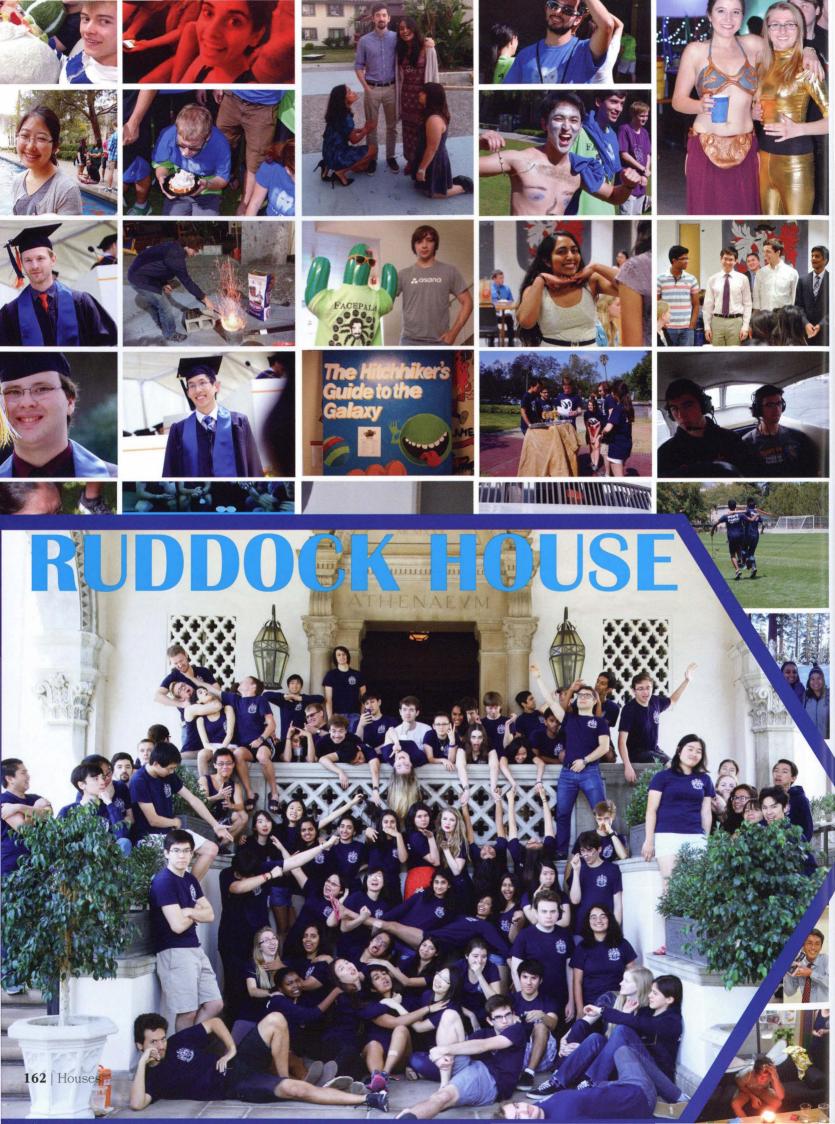


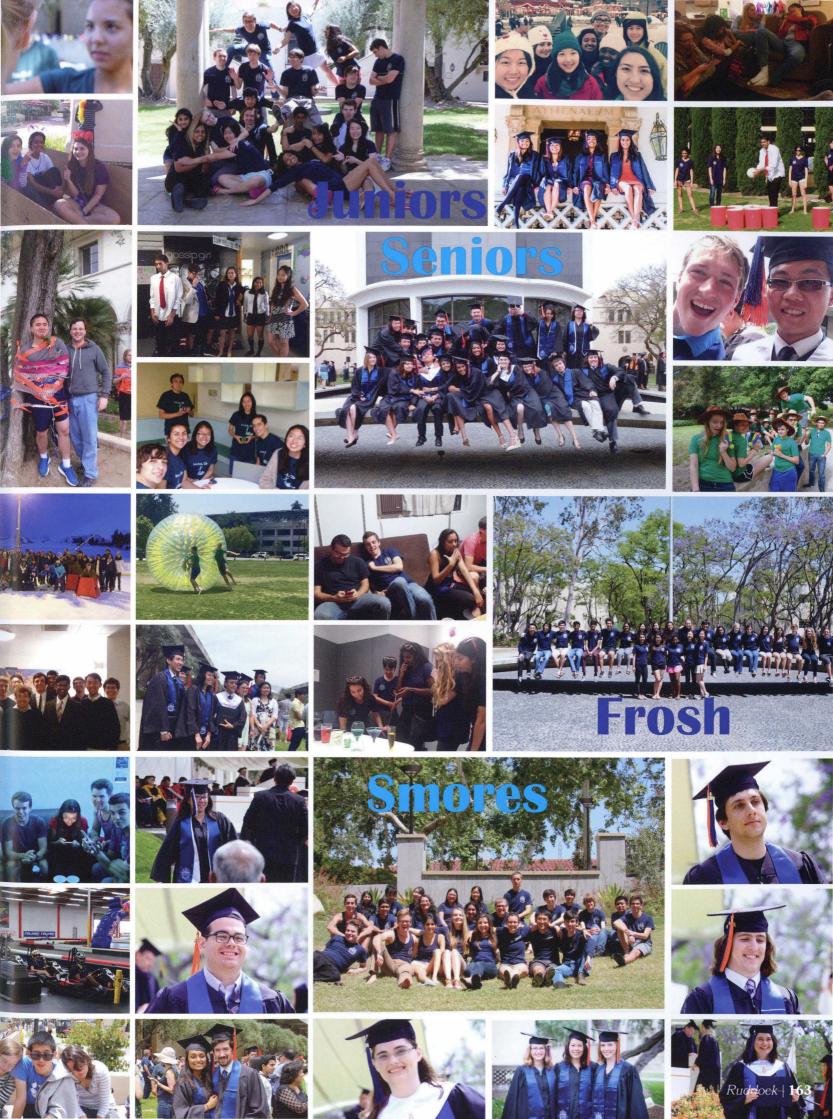














President: Patrick Nikong Vice-President: Anne Davis Treasurer: Henry Swanson Secretary: Nikita Sirohi Librarian: Sandra Liu

Smore Rep: Tim Liu

Off-Campus Rep: Elliot Simon

Ath Team
Ath Man: David Inglis
Jimmy Hamilton
Chris McCarren

Soc Team
Soc Man: Bolton Bailey
Nicholas Hutchins
Surya Sundarajan
Anushka Rau
Ben Bartlett











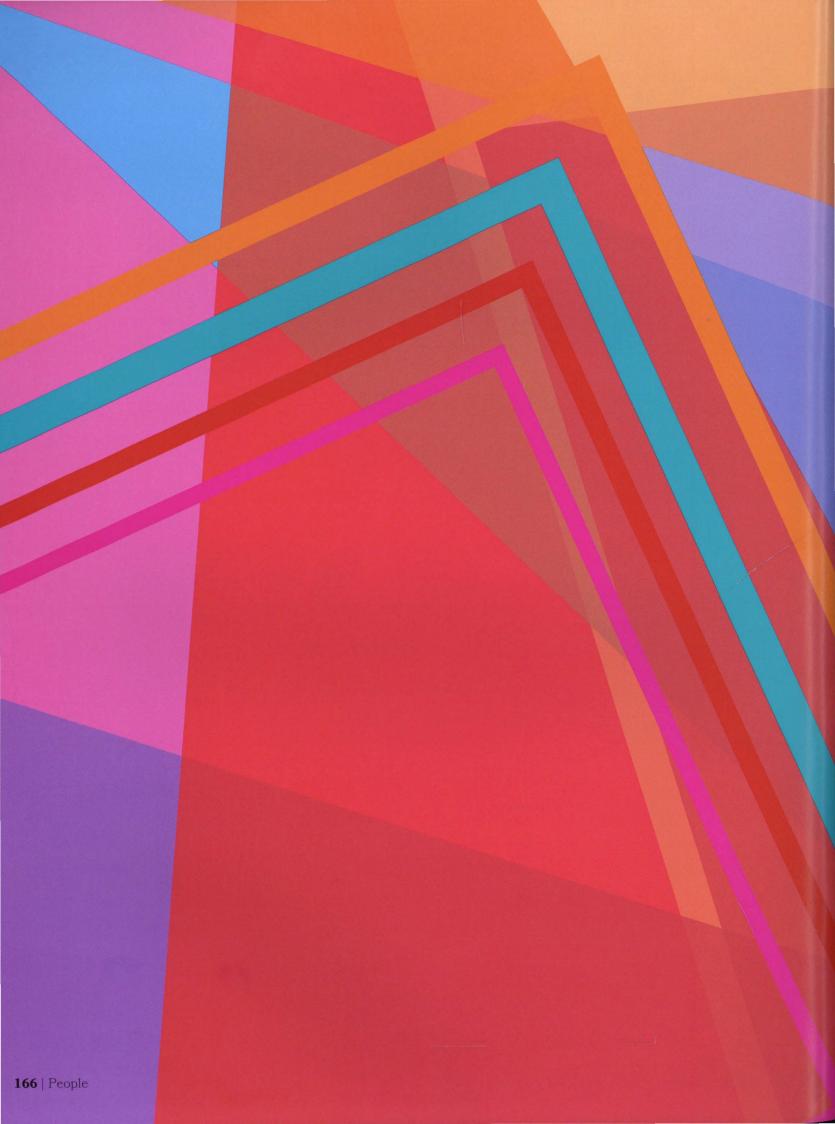












PEOPLE

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CLASS OF 2016 184
CLUBS 188
BIG T STAFF 190



PHYSICS, MATHEMATICS & ASTRONOMY

Faculty: Rana Adhikari, Jason F. Alicea, James J. Bock, Xie Chen, Yanbei Chen, Clifford W. Cheung, Michael C. Cross, James P. Eisenstein, Bradley W. Filippone, Sunil Golwala, Sergei G. Gukov, Fiona A. Harrison, David G. Hitlin, Philip F. Hopkins, David Hsieh, Anton N. Kapustin, H. J. Kimble, Alexei Kitaev, Kenneth G. Libbrecht, Christopher Martin, Olexei Motrunich, Harvey B. Newman, Hirosi Ooguri, Christian D. Ott, Ryan B. Patterson, E. Sterl Phinney, Hugh David Politzer, Frank C. Porter, John P. Preskill, Thomas A. Prince, Gil Refael, Thomas F. Rosenbaum, Michael L. Roukes, Axel Scherer, Barry M. Simon, B. T. Soifer, Maria Spiropulu, Edward C. Stone, Alan J. Weinstein, Mark B. Wise, Nai-Chang Yeh, Ahmed H. Zewail, Jonas Zmuidzinas, Matthias Flach, Rupert L. Frank, Thomas B. Graber, Nets H. Katz, Alexander Kechris, Nikolai Makarov, Elena Mantovan, Matilde Marcolli, Vladimir Markovic, Yi Ni, Eric M. Rains, Dinakar Ramakrishnan, Xinwen Zhu, Judith G. Cohen, S. George Djorgovski, Richard S. Ellis, Gregg W. Hallinan, Lynne Hillenbrand, Evan N. Kirby, Shrinivas R. Kulkarni, Dimitri Mawet, Anthony C. Readhead, Anneila I. Sargent, Nicholas Z. Scoville, Charles Steidel

Professorial Faculty: Jess F. Adkins, Jean Paul Ampuero Saenz, Paul D. Asimow, Jean-Philippe Avouac, Konstantin Batygin, Geoffrey A. Blake, Simona Bordoni, Michael E. Brown, Robert W. Clayton, Bethany L. Ehlmann, John M. Eiler, Charles Elachi, Kenneth A. Farley, Woodward Fischer, John P. Grotzinger, Michael C. Gurnis, Thomas H. Heaton, Donald V. Helmberger, Andrew P. Ingersoll, Jennifer M. Jackson, Joseph Kirschvink, Heather A. Knutson, Shrinivas R. Kulkarni, Michael P. Lamb, Nadia Lapusta, Jared R. Leadbetter, Dianne K. Newman, Victoria J. Orphan, George R. Rossman, Tapio Schneider, Alex L. Sessions, Mark Simons, David J. Stevenson, Joann M. Stock, Edward M. Stolper, Andrew F. Thompson, Victor C. Tsai, Paul O. Wennberg, Brian P. Wernicke, Yuk L. Yung Research Faculty: Egill Hauksson, Paul S. Nerenberg, D. A. Papanastassiou

GEOLOGY & PLANETARY SCIENCE



CHEMISTRY & CHEMICAL ENGINEERING



Faculty: Theodor Agapie, Jacqueline K. Barton, Jesse L. Beauchamp, John E. Bercaw, Geoffrey Blake, Long Cai, Peter B. Dervan, Dennis A. Dougherty, Gregory C. Fu, William A. Goddard, Harry B. Gray, Robert H. Grubbs, James R. Heath, Linda C. Hsieh-Wilson, Rustem F. Ismagilov, Nathan S. Lewis, Rudolph A. Marcus, Vincent B. McKoy, Thomas F. Miller III, Mitchio Okumura, Jonas C. Peters, Douglas C. Rees, Sarah E. Reisman, John D. Roberts, Shu-ou Shan, Brian M. Stoltz, David A. Tirrell, Daniel P. Weitekamp, Ahmed H. Zewail

Faculty: Yaser S. Abu-Mostafa, Alan H. Barr, James L. Beck, Oscar P. Bruno, Joel W. Burdick, Venkat Chandrasekaran, Mathieu Desbrun, John Doyle, Yizhao Thomas Hou, Katrina Ligett, Steven Low, Alain J. Martin, Dan Meiron, Richard M. Murray, Houman Owhadi, Niles A. Pierce, Peter Schroeder, Leonard J. Shulman, Joel A. Tropp, Christopher Umans, Thomas Vidick, Adam Wierman, Erik Winfree, Yison Yue Resaerch Faculty: Gerard Holzmann, Michael Hucka, Douglas MacMartin, Paul Rothemund, James Scovel, Damien Woods



COMPUTING & MATHEMATICAL SCIENCES



HEALTH SERVICES

Director: Jennifer Howes Medical Director: Stuart C. Miller Attending Physician: Richard Zeiss Nurse Practitioners: Divina Bautista, Alice Sogonomian, Helen Qian Medical Assistant: Edie Montes Health Advocate Program Coordinator: Mark Stapf Administrative Assistant: Maria F. Lopez Senior Administrative Secretary: Jeannie Holloway Administrative Coordinator: Kim Quintana

Director: Jennifer Howes Assistant Director: Lee H. Coleman Staff Psychologists: Maggie Ateia, Charisma Bartlett, Maria Oh Administrative Assistant: Maria F. Lopez Administrative Coordinator: Kim Quintana Consulting Pychiatrist: Mariel Tourani Postdoctoral Resident: Tatiana Vasilevskaia

COUNSELING SERVICES



FELLOWSHIPS & STUDY **ABROAD**



Director: Lauren Stolper Assistant Director: Katherine Montgomery Office Manager: Diana Garcia

Director: Lauren Stolper Assistant Director: Mandy Casani Career Counselor and Pre-Health Advisor: James Berk Recruiting Coordinator: Anastascia Terrell



CAREER DEVELOPMENT CENTER

ENERGE

Robert Yale Abrahamson Ayya Alieva Vaibhav Anand Cecelia Jane Andrews Michelle Angelica Anthony Maitreyi Ashok Daniel Rimoli Assumpcao

Mia Dapon Austria Jack Robert Heller Banaszak Amarbold Batzorig Patricia A Beekman David Manuel Francisco Berger Maneiro

> Nishanth Sai Bhaskara Aadyot Bhatnagar Ûrmi Bhaumik William Curtis Bloomquist Eitan Borgnia Amine Boubezari Nadine Claire Bradbury

Tatiana Brailovskaya Steven S Brotz Mark Robert Burleson Lazarina Vyacheslava Butkovich Brent Edward Cahill Benjamin Andrew Calvin Elyzabeth Camacho Claudia Canamas-Donnelly

> Zachary Harrison Chase Mohar Chatterjee Anne Chen Grace Shiting Chen Hannah Chen Joshua Chen May Guo Chen Richard Ren Chen

Rohan Chakrabarti Choudhury Maria Luiza Velozo Coelho Dos Santos

> Artsroun Robert Darbinian James Christopher Deacon Julia Christiana Deacon Alexander Landis Denko

Sarah Elizabeth Deretic Ashna Dhingra Andrew Ding Zachary Edward Domanico Rohan Prashant Doshi Jennifer Sophia Du Elizabeth Marie Eiden

































































































Luke M Finnerty Grzegorz Gauthier Flores Zoey A Flynn Wayne Ming Fong Rafael Fueyo-Gomez Maya H Fuller Ian Abraham Garcia Nikhil Ghosh

Mary Victoria Giambrone Shaurya Gilani Matthew Aaron Gladstone Claire Marie Goeckner-Wald Kristen E Goodfriend Thomas Christopher Gorordo Michael Anthony Goulet Eshan Govil

Muskaan Goyal Reeti Kiran Gulati David Heath Gunby Evan Ryan Gunter Nikhil Kumar Gupta Melissa Gutierrez Nika Marsella Haleftiras Clare Hao

Michael Jeffrey Hashe Ariel E Hasse Evan P Haugh Joey Hong Bozhong Hu Yan Qi Huan Cindy Huang Noah Allen Huffman

Abraham Hussain Michael Vikiet Huynh Tiffany Ann Jager Robert Arran James Gyu Bin Jang Sarah Jeoung Cherie Jia Aya Radi Jishi

Katherine Marie Johnston Christopher P Johnstone Maya Anusha Josyula Luke William Juusola Yeorgia Kafkoulis Hana M Keller Dong Hyun Kim Suna Kim

Lydia Lazar Kivrak
Camilla Maria Kjeldbjerg
Kai Christian Klocke
Frederico Tower Krauss
Meera Krishnamoorthy
Jonah L Krop
Christopher William Lamartina
Kale Randall Langley

Marcus Francois Lapeyrolerie Chih-Chieh Lee Hye Joon Lee Renee Lee Sara Sueyun Lee Yongkyun Lee Gideon J Leeper 7 Ixiao Lii

Luke Liao Charles Jwo-Yue Lien Cody L Lim Ty Luna Limpasuvan David Jimmy Lin Abhishek Lingineni Andre Liu Sophia Liu

John Frederick Lloyd Dylan Lee Lu Brian Ko-Hung Lue Filippos Lymperopoulos Bountalis Clara Anne MacFarland Daniel Lewis Magley Omar Mohamed Mahfouz Michelle Kwan Lei Shan Marasigan

Tristan Dylan Nee Laura Maria Newport Danh Xuan Ngo Derik Nguyen Suzanne Holly Oliver Cormac Richard Oneill Julius Jacob Oppenheim Anusha Janardan Pai Asnodkar Jeffrey Pak Somasundara Pandian Ruchi Sandeep Pandya Kinam Park Caroline Lee Paules Brittany Percin Isabella Carla Pestana Alyssa Noelle Poletti Tyler Alamo Port Siddharth Prasad Ethan Miller Pronovost Shreya Ramachandran Anise Katapadi Rau Nicholas Evgenios Redd Tanner Micah Reece Tucker J Reese Alexander Capps Reeves Julia Rachel Reisler Alison Li Ren Anna Heiming Resnick Kelsi Meghan Riley Charles Henry Ross Aaron Conner Sartin Eva Linghan Scheller Madeline Duncan Schemel Michael Jonathon Seaman Sophia May Shackford Stephanie J Shao Sunash B Sharma Aaron Hsuofeng Shih Kyung Min Shin Vaishnavi Shrivastava Thorbjorn Skovhus Michael Sode Kalliopi Amelia Somis Kavya Sreedhar Akshay Kumar Srivastava Henry John Steiner Joakim Stentoft Hansen Maia W Stiber Madelyn Jane Stroder Gemma R Takahashi Allison Young Tang Kevin Jia Tat Aris Taychameekiatchai Teresa Anh Ngoc Thi Tran Iskren Vladimirov Vankov Praful Krishna Vasireddy Subhadra Vellore Vetrivel Andrew Zeyu Wang Jessica K Wang Madelyn I-Hsuan Wang Maxiar Hanpeng Wang

Felix Edward Weilacher

















Benjamin Franklin Zhao Amy Yimeng Zhou Anne Zhou Preston Zhou

William Henry Werst Alexander Dillon White Sophie Rebecca Whitmeyer Jonathan Daniel Willett Henry Stephen Ward Williams

Brenda Wu Emily Wu Matthew Engi Wu

FABULOUS -Sophia liv

SEAN -JAMES DEACON

SILLY -Steven Brotz

> -Jon Cotler FRIENDLY

Human

-Noah Huffman

A FOODIE -Anna Resnick

-Julius Oppenheim

-Kai Klocke

SLEEPY -Starry Xu

ENTHUSIASTIC -KAVYA SREEDAR

> TENACIOUS -Leo Balestri

A FANGIRL -Alison Ren

NDEPENDENT

Grace Chen

Sdiosyneratie

Context-free -William Xu

RIDIGULOUS -Sakthi Vetrivet

-Daniel Magley

-Sophus Shackford

DRAMATIC -Lydia Kivrak

DILIGENT Class of 2018

Carson Hamilton Adams
Gavy Aggarwal
Avinash Agrawal
Junedh Mahesh Amrute
Guangning An
Aaron William Anderson
Sarah An-Ning Antilla
Richard John Antonello

Fabio Kenji Arai Naveen T Arunachalam Beatriz Shue-Yi Atsavapranee Caroline Grace Atyeo Henry Andrew Baer Ashwin Balakrishna William Henry Ballinger Sam Alexander Bardwell-Evans

Victor Antonio Baules Frederick Michael Berl Arjun Bose Alexander Nicholas Bourzutschky Kabir Singh Brar Eduardo Bravo-Escudero Alex Jose Brinson Robin Alexandra Brown

> Ryan Thomas Burns Nina Krasnaya Butkovich Sarah Wang Cai Thomas Maxwell Chaffee Annie Hanna Chang Chen Chang Advitheey Chelikani Vinciane Wen-Xian Chen

Yunsang Choi Timothy Hsin-Kang Chou Edward L Chu Ya Lun Chuan Jonathan Robert Clements Adrian Michael Costantino Daniel Joseph Cushey Roohi Dhaval Dalal

Collin Jayanti Davda Serena Delgadillo Anant Hitendra Desai Weiyi Ding Uma A Dingankar Stephen Yang Dolbier Joseph Alexander Donermeyer Anne Hobbs Dorsey

> Alison Marie Dugas Cameron Elise Garner Earl Egon Nicolae Einoder Angel Gabriel Elizondo Robert Kai-Ming Eng Alix Guadalupe Espino Marlon Aundrae Facey Jared Dane Filseth

> Devi Sribala Ganapathi Siva Kaushal Gangavarapu Paige Marie Gannon Amanda Gao Daniel Philipson Gawerc Mark Jia-Lun Gillespie Miguel Angel Gonzalez Arjun Sanjay Goswami





Stephanie Gu Katherine Guo Gloria Nayoung Ha Christopher Moore Haack James Love Hamilton Ashwin Krishnan Hari Kevin He Erich Noa Herzig

Olivia Elizabeth Hindera Alec S Ho Caroline Marie Howard Jenny Chia-Chen Hsin Ching Yun Hsu Ida Huang Jason Huang Stephanie Michaela Huard

Oriel A Humes Nicholas T Hutchins Janice H Jeon Yiwei Jiang Sachi Kamiya Andrew Eun Kyu Kang David Christopher Kawashima Matthew Douglas Kempster

Lani Iris Kim Gillian Kopp Giacomo Kiernan Koszegi Nikhil Krishnan Ian Bruce Kuehne Anita S Kulkarni Peter Jan Kundzicz Lokbondo Kung

Abirami Kurinchi-Vendhan Stephanie K Kwan Frederick William Lake Karim Qurban Lakhani Brian Lee Joon Hee Lee Richard B Lee Wen-Hua Lee

William Garrison Levine Jessica Du Li Amanda Ying Lin Hanzhi Lin Zachary Gabriel Lipel Phillip Liu Sandra Qi Jun Liu Timothy S Liu

Ethan Valerian Lo Parker Ryan Lowe Catherine Ma Yuan Ma Francesco Joseph MacAgno Mason Gordon MacDougall Avery Malik Marshall Richard May

Christopher Ryan McCarren John Joseph McDaniel Alexander Heinz Meiburg Mayra Eliza Melendez Nicholas Alexander Meyer Emily Yishiuan Miaou Tyler J Middleton Ji Seon Min

Catalina Ana Miritescu Anvita Mishra Sarang Mittal Amulya Mohan Jisoo Mok Daniel Molina Aadith Moorthy Rachael Jean Morton

Eric Roger Moseley Tristan George Murphy Zane Alexander Murphy Suraj Nair Yu Han Nam Jessica Rachel Nassimi Anusha Mehul Nathan Noah Trent Nelson

shul A Ramachandran Kavya Ramakrishnan Meera Tapasya Ramakrishnan Vishveshwar Ramanathan Subramanian Preston Niels Rasmussen Gregory Vitalyevich Rassolov Anushka V Rau Namita Ravi



























AMAZING

-Malavika Venkatesan

a child at heart

-Timothy Liu

HODGEPODGE

Hillary Rodham Clinton

-Meera Ramakrishnan

SASSY

-Kevin He

RESERVED -JASON HUANG

Origi Humes

SILLY: -Vinci Chen

ORGANIZED -Fabio Arai

incomo Koszegi

GARING

-Anushka Rad

BUBBLY

-Tara Shankar

LIME GREEN -Gloria Ha

PASSIONATE -CHRIS HAACK

AWESOME

SHIRTLESS

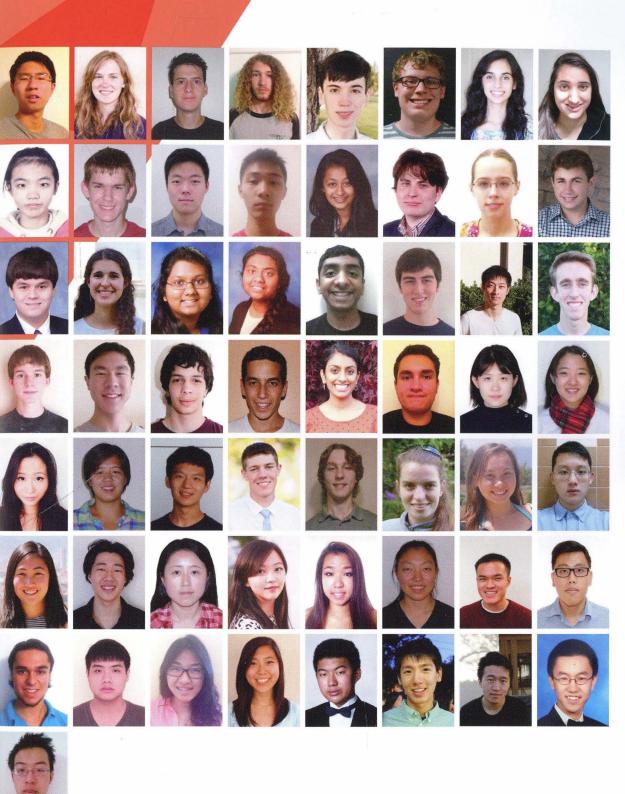
-Alex Bourzutschky

-Drew Schaffer

TUGBOATESQUE -Henry Baer

> **Pneumonoultramicroscopicsilicovolcanoconiosis** -Jeffrey Orenstein

Inquisitive -Richard Lee



Zhi Ren Carly Ellen Robison Camilo Andres Saavedra Drew Sobel Schaffer William Charles Schmidt Joseph Edward Schneider Tara Anjali Shankar Ankita Sharma

Ruoqi Shen Thomas Robert Sheridan Dennis Joonbo Shim Kevin Shu Ayaana Patel Sikora Jason Kent Simon Rita Frances Sonka Spencer David Strumwasser

Garret Chee-Anth Sullivan Gabrielle Sara Tender Kisha Gautami Thayapran Narmada Gayathri Thayapran Anish Rohan Thilagar Julian Czernia Thomassie Charlie Tong Nicholas Steven Trank

Nathan Taylor Trevino Barton Junno Tseng Daniel Andres Valles Eugene Richard Vaughan Malavika Venkatesan Benjamin Michael Wade Ruomeng Wan Audrey Sujean Wang

Beiyi Wang Erin Rilu Wang Yuankun Wang David James Watson Matthew Adam Weidner Lucille A Wells Anna Winnicki Bismark Wong

Kelly Yi-Li Woo David Wu Yujie Xu Yixiao Yan Sherrie Yang Grace Meiyue Yao Kevin Chen Ye Samuel Weiliang Yee

Brian Mitchell Zdeb Max Zhan Celia Yuxin Zhang Tiffany Leshan Zhang Albert Zhao Christopher Hao Zhen Licheng Zhu Haojie Zhuang

Vincent Zhuang

Jacob Nunes Henriques Abrahams Kushal Arun Agarwal Pallavi Aggarwal Yury Salavatovich Aglyamov Jagriti Agrawal Roshan Chandra Agrawal Saaket Agrawal Elliot Kyung Il Ahn

> Nasser Khalifa Al-Rayes Cole Tomas Allen Jeffrey An Ritwik Anand Alexander Vladimir Anferov Katie An-Yu Antilla Diana Alexandra Ardelean Manasa Ashok

Rahul Hemant Bachal Bolton Raymond Bailey Benjamin Craig Bartlett Rohan Batra Michael Ulysses Bauer Áritra Biswas Fabian Kevin Boemer Jordan Alexander Bonilla

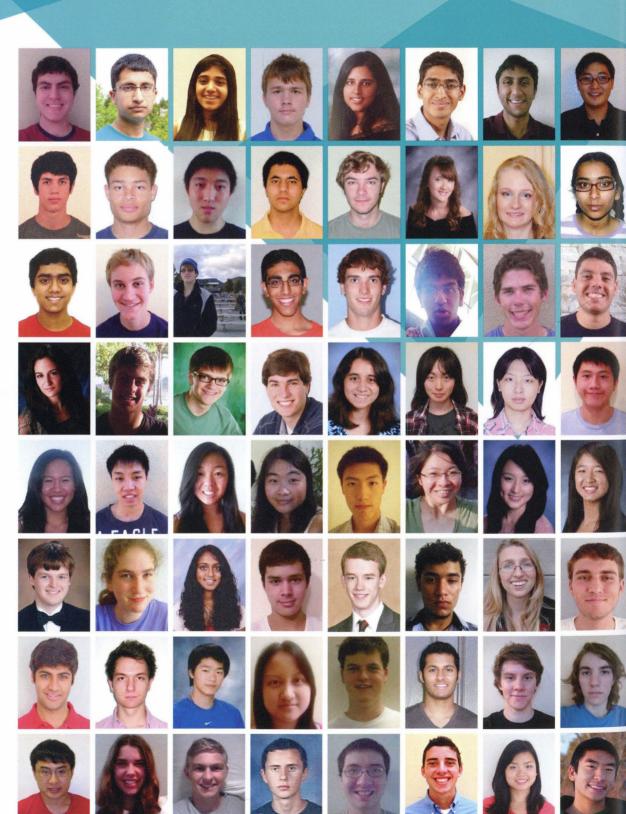
Mary Maral Boyajian Christopher Powell Bradley Alec Ryan Brenner Nicholas Anthony Buoniconti Slava Stalina Butkovich Lyra Cao Chien Yi Chang Kai-Tang Chang

> Kalyn Chenyin Chang Kevin Chang Ching-Hwa Anita Chen Kevin Chia-Lun Chen Lily Ye Chen Lucy Chen Sophia Yuenchih Chen

Andrew James Chico Kathleen Anne Chinetti Archana Chintalacharuvu Paulo Manuel I Costa Connor Joseph Crowley Marco Andres Cruz Heredia Bailey Seamount Da Costa Ryan Michael Dempsey

Nishant Ravi Desai Bogdan Alexandru Dimitriu Leon Chen Ding Mary Thuthuy Do Christopher Patrick Dosen Avishek Dutta Matthew Gene Edwards Henry Algernon Elbaum

> Benzi I Estipona Katherine Anne Evans Michael Jacob Feldman John Jing Galden Patrick Joseph Galliani Amanda Claire Gao Kevin Wu Gao





































Albert Feng Yan Ge Alex Michael Geffner-Mihlsten Jaden Matthew Geller Evren Ahmet Gokcen Carlos Alejandro Gonzalez Ashay Makarand Gore Mara Yvonne Green Kshitij Grover

Daniel Gu Jeffrey Gu Songshan Guo Nicholas Chase Haliday Sirus Kujung Han

Jianing Jenny He Vivian Si-Min He Stephanie Shuyue Hong Patrick Hsu Richard Hu Tianyi Hu Audrey Nicole Huang Daniil Valentinovich Ilyin

GENUINE

-Neil Kumar

PRICKLY

HAKUNA MATATA -Ritwik Anand

NEUTRAL -Keegan Mendonca

Lindsey Whitesides

ilica Kolundziga -Dallavi Agarwal

いれているよい

just-getting-by -yi yuan Adventurous -Sumana Mahata

-Talia Minear

INDOMITABLE -MORIAH **BISCHANN**

OUTSTANDING -Slava Butkovich

A GEEK -Colin Murphy

FIERGE

-Liffy Lao

PONING

-Sigrra Lincoln

ACCIDENT-PRONE
-Sean McKenna

rra Lincoln

Dancer

1 -Sophia Chen

Diana Ardelee

BUSY

-Jordan Bonilla

Passionate -Anjali Premkumar















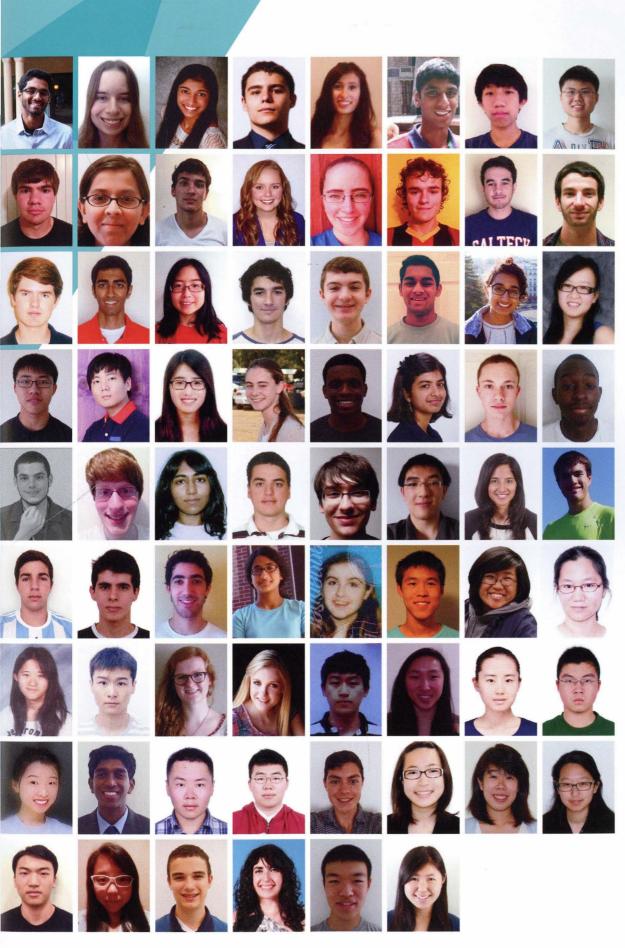
ENERGETIC



David Christopher Inglis Erin Marisa Isaza Vasant S Iyer Harrison Bublick Jacobs Shubhankar Jain Tiantian Jiao Matthew Y Jin Jonathan Youngha Joo

Seohyun Kim Kai Anderson Kirk Ross Alexander Koval Jake Patrick Larson Minh Nhat Le David Allen Lebaron Morgan Reed Liem Lebby Connor Tinghan Lee Ga Yeong Lee Lawrence Lee Yoon Lee Justin Ka-Chung Leong Kate Lynn Lewis Jessica Biyun Li John Ziqi Li Lauren Li Halston B Lim Matthew Jerod Lim Soon Wei Daniel Lim Chih Wen Lin Christina Y Lin Sierra Jacqueline Lincoln Albert Zou Liu Eric Lee Liu Kimberly Liu Peter Carlton Lommen Andrew Stephen Lucas Michaelangelo Valentino Lucas Alison Lui Daniil Markovich Lukin David Yicheng Luo Shaoxiong Luo David Calver Mace Sumana Mahata Chanukya Malla Nailen Thomas Matschke Emily Rachel Mazo Daniel Estevan McAndrew Sean Patrick McKenna Emily Louise Meany Keegan Victor Mendonca Timothy Michael Menninger Christina Isabella Meyer Talia Grace Parker Minear Andrew T Montequin Stephanie Jungyoon Moon Siddharth Murching Colin Reede Murphy Sheila Murthy Xinyi Nan Anirudh Neti Willis Huang Nguy Chinmay Nirkhe Won Jun Noh Pedro Elias Ojeda Tyler Takeo Okamoto Berk Ozdalyan Torkom Anthony Pailevanian Jay Santik Palekar Vincent Insuh Park Ramruthwick Pathireddy Ramsathwick Pathireddy David Pena

Allison Nicole Penn Rishabh Pipada



Anand-Markose Thomas Poozhikunnel Juliane Irine Preimesberger Anjali Premkumar Federico Presutti Parul Pubbi Abhijitkrishna Vancheswaran Puranam Eric L Qiao David Eric Qu

Andre Sebastian Ramos Bianca R. Ray Avalani Jared Schaeffer Bellamy Reed Gerri Marie Roberts Constance Deborah Robinson Joseph Patrick Roddy Roel Rodriguez Jeffrey Neal Rosenberg

Alexander Thomas Ryan Sarthak Suman Sahu Yuka Sakazaki Robert Manuel Sanchez Kyle Perry Seipp Parth Shah Gauri Ganesh Shastri Jiemin Sheng

Jingwei Shi Ji Soo Shin Dayeon Judy Shon Emma Rachel Shupper Darius Duraine Simmons Nikita Anaar Sirohi Evan Mitchell Sloan Mojolaoluwa Joshua Sonola

Jacob Alexander Stark Johnathan Richard Stauffer Surya Sundararajan Alp Mehmet Sunol Henry John Swanson Lee Liyu Tang Amal Fatima Tariq Nicholas Lane Tillotson

Tomas Tussie Victor Venturi Cameron Louis Voloshin Mugdha Girish Walke Margaret Katherine Walter Charles Huan-Chiao Wang Michelle Wang Shannon Wang

Ting Emily Wang Wujie Wang Laura Rose Watson Lindsey Amber Whitesides Jong Seok Won Michelle Wong Jiyun Xiao Xi Xu

Ker Lee Yap Chanud Nisakya Yasanayake Kexin Yi Chenchao You Aaron William Young Ellen Wenwen Yu Kristie Bo Chi Yu Lidan Yu

Yizhen Yu Yi Yuan Dominic Jeffrey Yurk Sasha Iris Zemsky Frank Li Zhou Yanbing Zhu

AHGH

David Paul Addis Aman Agarwal Sandia Yun Akhtar Monique Isabelle Alkiewicz Chongxuan An Kristin Nicole Gregory Anderson Robert Maxwell Anderson Alexander Giorgos Anemogiannis

Luc Zhang Angel Sreenivas Appasani Elaine Janette Arbaugh Luis Ignacio Ares Thomas Lyman Arnold Sarah Keiko Megan Rose White Asano Nima Daniel Badizadegan Adam Alfredo Ball

> Alexander Ruben Barreiro Richard William Barz Lisa Jane Beckmann Timothy Watson Bennett Joseph Don Berleant Aditya Sharathkumar Bhagavathi Laksh Bhasin Moriah Nicole Bischann

> > James Cain Blackwood Dryden Septimus Bouamalay Emory Andrew Brown Alexandra Morgan Brunson Eugene Samuel Bulkin Christopher Brian Cannella Nancy Lin Cao Grant Walter Carlson

> > > Kurtis Mickel Carsch Matthew Yoshimi Cedeno Arun Chandra Melissa Claire Chang Ann Tai Chen Anthony Fu Chen Courtney Chen Oliver Weisi Chen

Evelyn Sze Wing Chin Christine Seyuan Chou

Anne Elizabeth Christian Daniel Yu-Kit Chui John Michael Clark Matthew Austin Clark John Dalton Co-Reyes Ming Alexandra Cong Matthew William Conroy Melissa Anne Cronin

Peter James Cuy Radmila Dancikova Shival Vishnu Dasu Anne Hope Davis Evan William Davis Natalie Margaret Defries Joshua Aaron Dement Paul Byron Dieterle



















































































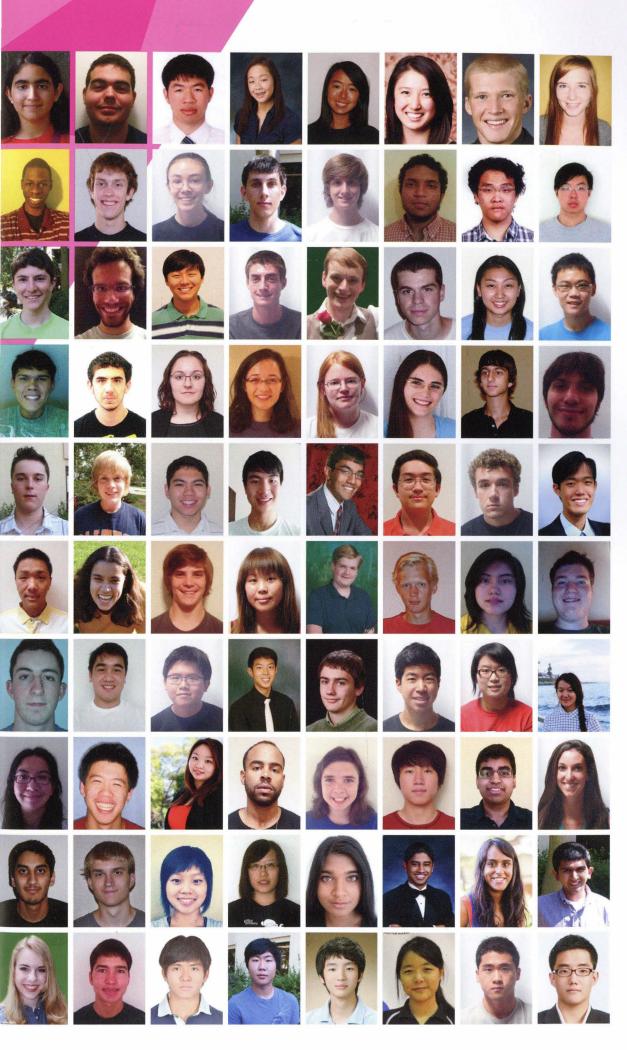












Kayane Kohar Dingilian Sean Thomas Dolan Sith Domrongkitchaiporn Esther Du Rebecca Ruo Du Xiaomi Du Patric Morgan Eck Kristin Alicia Eliason

Kelechukwu Ikenna Emezie Clarke Jarett Esmerian Helen Victoria Evans Jonathan Tammer Eweis-Labolle Martin Pablo Fabbri Basith Ahmed Fahumy Wentao Fan Tianhao Fang

Zachary Ryan Fein Aaron Gabriel Feldman Jerry Feng Jared Nicholas Forte Gabriel Julian Foster Edward Demharter Fouad Constance Betsy Fu Galen Forrest Gao

Christopher Viriyakosol Gardner Edward Joseph Garza Rachel Michelle Gates Iulia Gheorghita Lauren Ann Gilbert Heather Delia Gold Daniel Jose Gomez Eric Rabkin Gorlin

Stefan Joseph Grampp Joseph Michael Grappone Jalen Pham Green Webster Jingtao Guan Ayush Gupta Albert Thomas Gural Daniel Robert Guth James Tae-Woong Ha

Cody Han Sheila Gabriella Handler Wade Daniel Hann-Caruthers Jeana Veronica Hayashigawa Christopher Sprague Hazard Alexander Michael Henny Emilia Sakai Hernandez Morgan Spencer Hill

Timothy Philip Holland Samuel Joshua Holo Young Kyun Hong Andrew Ji-Chuang Hou William Michael Hoza Alexander Der-Sheng Hsu Tianyi Hu May Hui

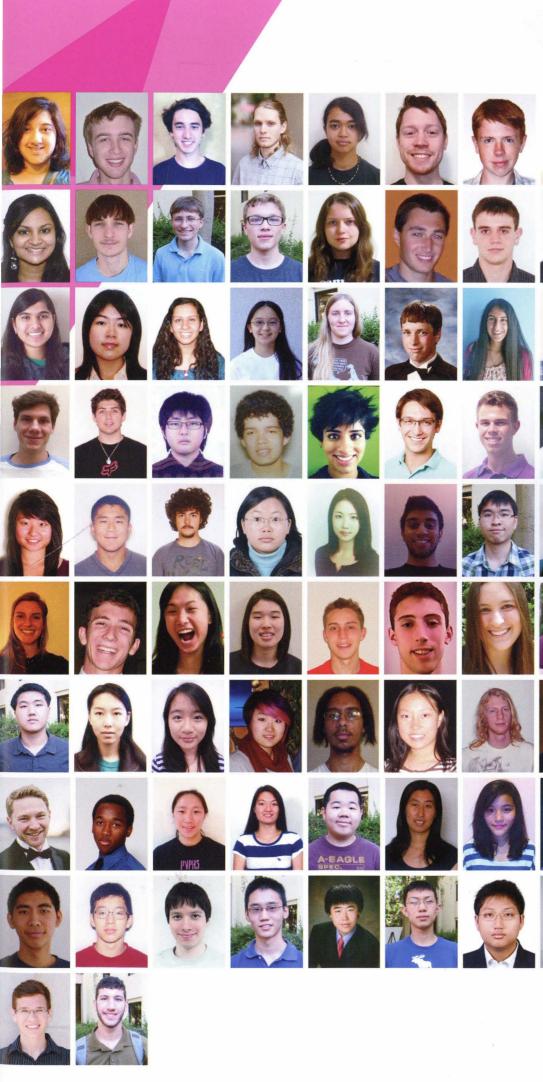
Sylvia Katherine Hurlimann Vy-Luan Khang Huynh Alina Tiffany Hwang Jonathan Watson Ikpeazu Alexandra Katarina Ilic Seong Bin Im Aakash Indurkhya Catherine Elizabeth Jamshidi

Nauman Muhammed Javed Michael Andrew Jenson Cynthia Beixi Jiang Katherine Jiang Bhavana Jonnalagadda Rushikesh Sanjeev Joshi Soumya Kannan Aditya Karan

Megan Jane Keehan Emil Timergalievich Khabiboulline Joon Sik Kim Kyu Bin Kim Minsoo Kim Shi En Kim Won Jun Kim Young Min Kim

Anup Kishore Michael Joshua Klionsky Matthew Long Klucher Katherine Elizabeth Knox Nikola Borislavov Kovachki Brian David Kubisiak Meera Mahesh Kumar Neil Ashwin Kumar Snigdha Kumar Vansh Kumar Vibhor Kumar Donsuk tee Grace Lee Hyunseok Lee Jihoon Lee Margaret Ann Lee Grace Anne Leishman Bianca Arielle Lepe Alex Yucheng Lew Joanne Li Kevin Li Monica Shaojin Li Dennis Ning Liao David James Lichko Binjih Lin Bryant Jia Wei Lin Xintong Lin Amarise N Little Cong Liu Sheila Lo Mark Edward Lorden Anthony Erich Lutz Harinee Jaganiyaa Maiyuran Chaitanya Lakshmidhar Malladi Ajay Uday Mandlekar Aashrita Mangu Lasya Marla Mateo Martinez Jacqueline Joy Masehi-Lano Timothy Isaac Maxwell Ishan Harshad Mehta Sean A Mendoza Calli Christine Meyer Alice Jamie Michel Walker Gregory Mills Ismael Mireles Ritvik Jay Mishra Madhav Mohandas Nebojsa Momcilovic Matthew Robert Morgan Hamik Mukelyan Thromoge Alexander Heng-Hoe Mun August William Nanz John Capuano Naruk Santiago Gustavo Navonne Charles Stewart Nelson Katherine Kieu Han Nguyen Tian Nie Patrick Fanfei Nikong Ariel Margaret O'Neill Meghana Sai Pagadala Juan Diego Palomino Cheol Woo Park Grace Eunhye Park Hong Joon Park Kyung Keun Park Catherine Ann Pavlov Haley Illyse Pawlow Sarah Alexis Pearce Thomas Rendon Peterson Alexander Charles Pien Valerie Bernice Pietrasz Riley M Pinkerton Nikhita Hegde Poole Patrick Julian Tassilo Rall

William Augusto Reichard



Stephanie N Reyes William Weiss Rieger Ryan Anthony Ripper Andrew Mitchell Romine Tainan Aiko Roy Xander Heinz Rudelis Keegan Alexander Ryan Alec Calderon Sands

Ellora Sarkar Samuel Francis Savitz Nicholas Benjamin Schiefer Graham Pickering Schmidt Elizabeth Caldwell Schroder Dylan Eric Schultz Daniel Seabra De Andrade Neera Manoj Shah

Nehaly Manoj Shah Elly Jean Shao Samriddhi Shree Sharma Laura Hui-Shin Shou Kirby Cassandra Shireman Sikes Elliot Tyler Simon Anusha Sinha Karthik Guruswamy Siva

Valentin Alexander Skoutnev Matthew D Smalley Jun Ho Son Elijah Brittain Sorey Tara Sowrirajan Gregory Saichiro Stevens Matthew David Strong Taylor Ryan Strumwasser

Ye Su Yubo Su Omer Subasi Qunchao Sun Cynthia J Sung Naveen Venkat Tadepalli Kevin Taihao Tang Rebecca Kunnie Tang

Rachel Diane Thorp Torin Robert Thosath Huey-Ru Tsai Christine Tseng Jean- Alexandre Turban Christopher Paul Varnerin Hannah Alane Walsh Daniel Wang

Jack Haocheng Wang Jingwen Wang Sharon Wang Siyuan Stella Wang David Austin Warrick Nancy Yahan Wen Michael James Wheeler Samuel Changhoon Wie

Theodore Johann Wilkening Jalani Kofi Williams Stephanie Wong Yuanyuan Xu Albert Huaju Yang Cassidy Yang Sharon Yunju Yang Kevin Shimin Yei

Patrick Ao Yu Shengyang Yu Kevin Alexander Yuh Anthony Zhang Jerry Xiri Zhang Andrew Zhao Taokun Zheng Tiffany Zhou

Nicholas Farrell Zolman Leonardo Zaborowski Zornberg



CALTECH INTERAXON

Caltech Interaxon is a neuroscience educational outreach club aimed at creating and fostering interest, excitement, and curiosity about the brain.

Members: (left to right) Brittany Percin, Anvita Mishra, Stephanie Huard, Aishwarya Nene, Gauri Jain, Lauren Li, Christine Tseng, Olivia Hindera, Charles Wang

The mission of the Caltech chapter of AIChE is to support undergraduates interested in the field of chemical engineering in both their academic and professional endeavors. Caltech AIChE aims to support students throughout their time at Caltech through activities that connect them with fellow students, ChE faculty members, industry representatives, other student chapters of AIChE, and the national chapter of AIChE.

Excomm: (left to right) Parul Pubbi (Vice President), Andrew Lucas (Treasurer), Bogdan Dimitriu (Upperclassmen Representative), Alp Sunol (President), Naveen Arun (Secretary), Muskaan Goyal (Frosh Rep) **Not pictured:** Alison Lui (Upperclassmen Representative)



AICHE

TECHER TAEKWONDO

On "Taekwondo Tuesdays", clubs members get together to learn and practice the martial art of taekwondo.

Members: Kavya Sreedhar (President), Anthony (Tony) Zhang (Secretary), Aris Taychameekiatchai (Treasurer), Yubo Su, Daniel Xu, Christopher Johnstone, Mary Giambrone, Julia Yang, Cindy Huang, Anne Zhou



The Chemistry Club travels to different schools in the local neighborhoods, performing chemistry-related demos. They love colored fire, liquid nitrogen, and inspiring kids to explore science!

Members: (left to right) Kurtis Carsch, Saaket Agarwal, Ellen Yu, Gerri Roberts, Netgie Laguerre, Ruomeng, and Anand Poozhikunnel



CHEMISTRY CLUB

CALTECH DHAMAKA



Caltech Dhamaka is Caltech's co-ed Bollywood dance team that mixes different dance styles, such as Bollywood, Indian classical, ballroom, hip hop and interpretive.

Members: Sunash Sharma, Cody Lim, Anshul Ramachandran, Meghana Pagadala, Tara Shankar, Anjali Premkumar, Anirudh Mathukumilli, Anise Rau, Nikhil Gupta, Reeti Gulati, Richard Zhu, Urmi Bhaumik, Sarang Mittal, Ruchi Pandya, Chandru Dhandapani, Mohar Chatterjee, Jimmy Hamilton, Ellora Sarkar, Daniel Gomez, Namita Ravi, Abhishek Lingineni, Ethan Pronovost, Nikhil Ghosh, Avishek Dutta, Celia Zhang, Shreya Ramachandran, Netgie Laguerre, Brian Lue, Elyzabeth Camacho, Tatiana Brailovskaya

THE PIPETTES

The Pipettes are Caltech's newest, only, and finest all-female a cappella group! Members: (left to right) Top row: Anne Zhou, Gloria Ha (Secretary), Becky Tang, Preethi Periyakoil (President), Rachel Ng, Jessica Lam, Sumana Mahata. Middle row: Surva Sundararajan, Stephanie Huard (Media Manager), Amanda Lin (Music Director), Alison Ren. Bottom row: Jenny He, Amy Zhai, Caroline Howard (Music Director), Audrey Wang





Out of Context is the oldest a cappella group on campus, born in the same year as Taylor Swift. This year, we've performed songs like "Let's Get it Started," "Justin Bieber Tribute," "Stacy's Dad," "Settle Down," and "Magic."

Members: (left to right) Diandra Almasco, Amy Zhai, Ayaana Sikora, Lasya Marla, Vasant Iyer, Chris Lamartina, Fabio Arai, Eric Liu, Tara Shankar, Rachael Morton, Anjali Premkumar, Daniel Gomez, Kevin Chang Not Pictured: Marc Mulheisen

OUT OF CONTEXT

THE CALIFORNIA TECH

Caltech's undergraduate newspaper.

Editors: (left to right) Katherine Guo, Jon Cotler, Nehaly Shah, Neera Shah, Ching-Yun (Chloe) Hsu





DDR club provides equipment for weekly free play and maintains the DDR arcade machine in the SAC.

DDR CLUB

CALTECH AFTERMATH

Aftermath is Caltech's Ultimate Frisbee Club. We compete in the USAU DIII College Division and regularly travel around and out of state for competitions. We are competitive and social at the same time, we welcome players of all skill levels to join us for the season ahead!

Members: Radka Dančiková, Daryl Yee, Zachary Sternberger, Junno Tseng, Michael Lichterman, Drew Schäffer, Daniel Chui, Dominic Yurk, Sarang Mittal, Kevin Yang, Brigitte Rooney, Bryce Edwards, Jon Cotler, Michael Miller, Paul Kempler, Erika Ye, Craig Cahillane, Aaron Young, Peishi Cheng, Sundar Pandian, Sophus Shackford, Leonardo Balestri, James Deacon, Cormac O'Neill, Joseph Lozier, Luis Ares





Caltech's Bharatanatyam dance group.

Members: (left to right) Uma Dingankar, Anise Rau, Meghana Pagadala, Anjali Premkumar, Anusha Nathan Shreya Ramachandran



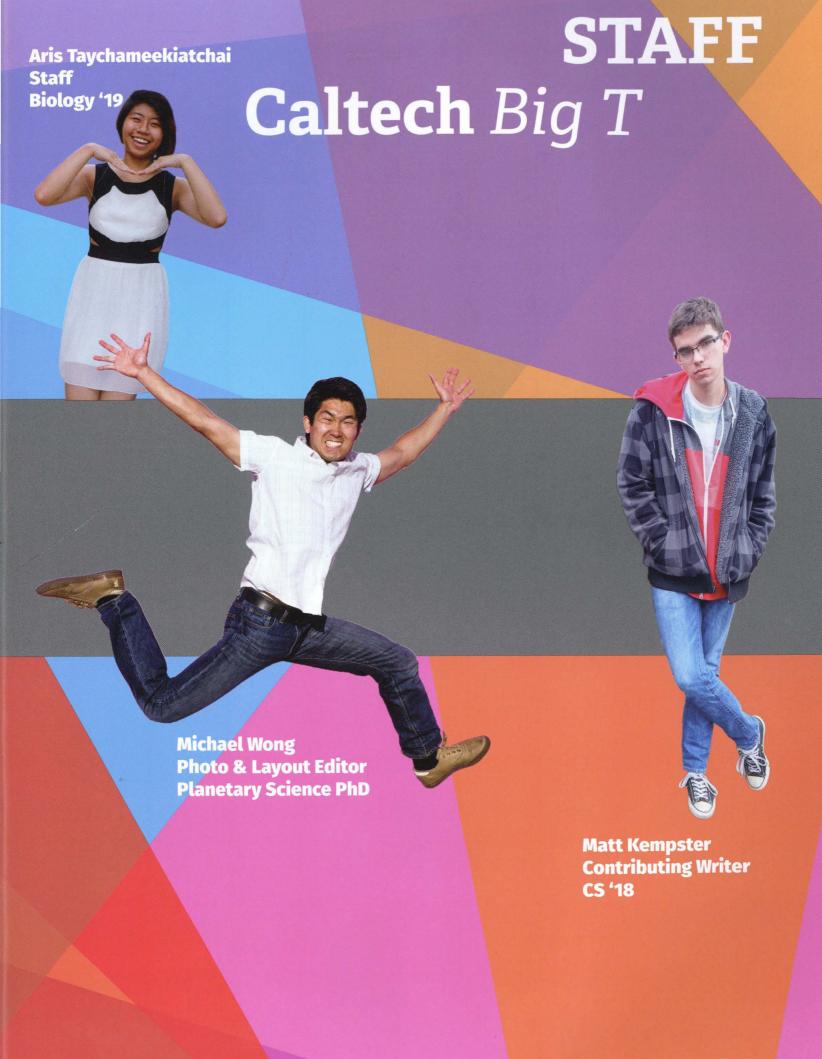
Harinee Maiyuron Editor HPS '16

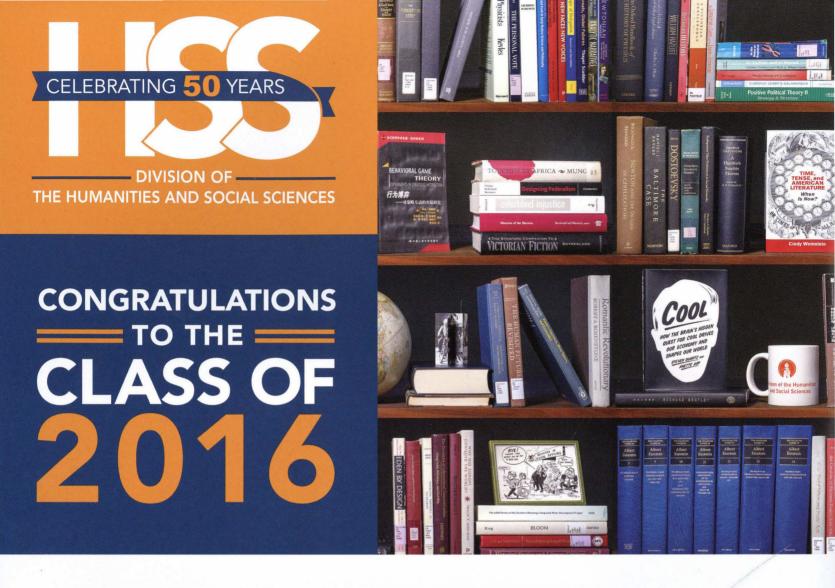


Nicholas Hutchins Contributing Writer BioE '18

Meghana Pagadala Editor-in-Chief Chemistry '16







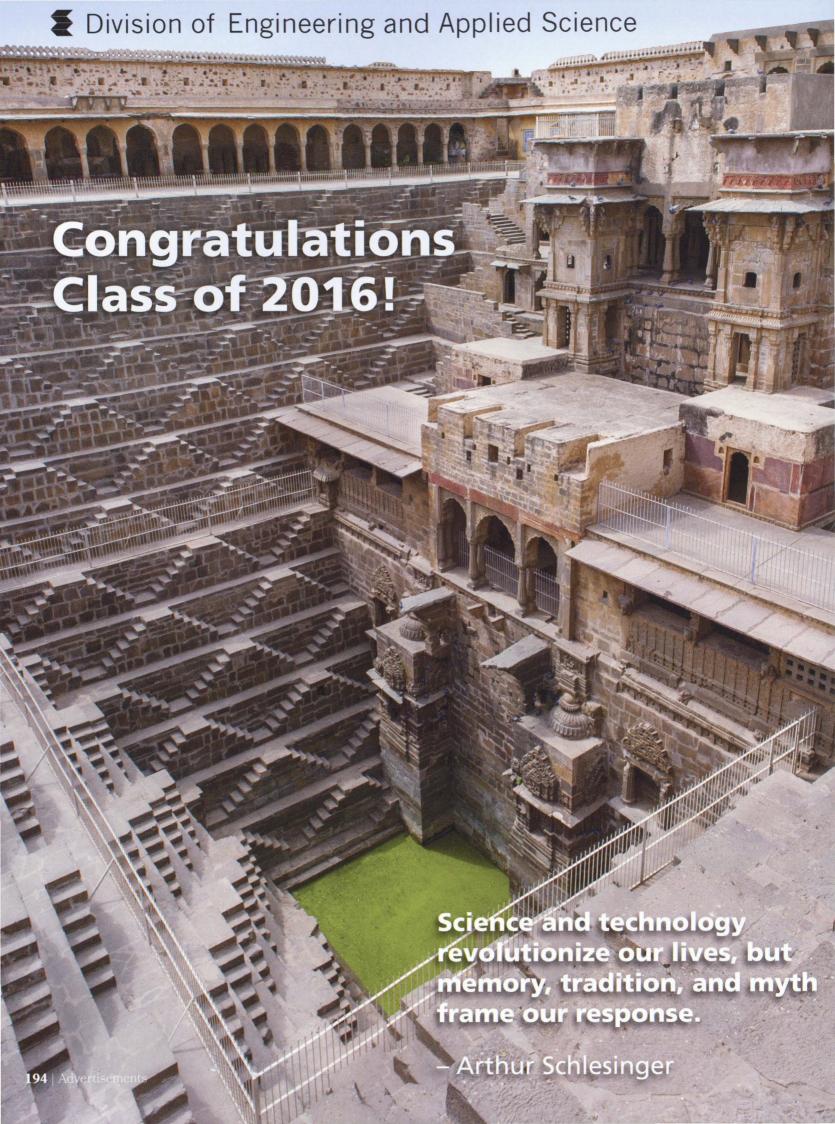
CONGRATULATIONS 2016 GRADS!!!

Performing and Visual Arts would like to congratulate all our students, especially those individuals who take the time to pursue their passion for the arts at Caltech.









CONGRATULATIONS TO THE CLASS OF 2016!



FROM THE OFFICES OF THE PROVOST AND VICE PROVOSTS

Congratulations to the Class of 2016!

The Office of the President wishes you success and happiness in all of your future endeavors.

Congratulations on your graduation and best of luck on all of life's future adventures!





Congratulations Class of 2016!





CALTEC

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SURF



CONGRATULATIONS TO THE CLASS OF 2016!

THANK YOU TO THE CLASS OF 2016 FOR ALL OF YOUR HARD WORK, DEDICATION AND ENERGY YOU HAVE CONTINUOUSLY GIVEN TO THE Y DURING YOUR TIME AT CALTECH! YOU HAVE MADE A HUGE IMPACT ON YOUR CALTECH COMMUNICTY AND THE COMMUNITY AT LARGE! ON BEHALF OF THE CALTECH

Y BOARD AND YOUR FEL-LOW STUDENTS WE ARE SO PROUD OF YOUR AC-COMPLISHMENTS AND THE JOURNEYS YOU ARE ABOUT TO EMBARK!









Year in Around the World



Layout: Soumya Kannan. Copy: All by Matt Kempster © Caltech

CHEMISTRY & CHEMICAL ENGINEERING

The Chemistry and Chemical Engineering Division ignites passion in its researchers, who seek to establish and manipulate the chemical reactions that govern our world. From senior undergraduates Kurtis Carsch, who was awarded a Hertz Fellowship, and Ayush Gupta, who received the Library Friends' Senior Thesis Prize, to Mikhail Shapiro, the assistant professor of chemical engineering who was selected as a 2016 Pew Scholar to support his research program to use ultrasound to locate microbes in the body, Caltech's researchers and faculty demonstrate our university's unrivaled mastery of chemistry.

GEOLOGY & PLANETARY SCIENCE

Though the eternity and extreme size of the cosmos appear daunting, Caltech's Geology and Planetary Sciences department manages to push the envelope, developing new and innovative methods for understanding our Universe. Exciting news came from the GPS department this year as Caltech researchers Konstantin Batygin and Mike Brown found convincing evidence of a ninth planet that traces a highly eccentric orbit around the sun at a distance twenty times that of Neptune. In other news, John Eller, professor of geology and geochemistry and director of the Caltech Microanalysis Center, was elected to the National Academy of Sciences for his studies of the origin and evolution of meteorites.

PHYSICS, MATHEMATICS & ASTRONOMY

Caltech's Division of Physics, Mathematics, and Astronomy goes above and beyond; its near-constant success-stories and fun quirks delight all members of the Caltech community. This year, Hirosi Oguri, professor of Theoretical Physics and Mathematics, served as a science advisor for the Man from 9 Dimensions, a 3D movie produced by Japan's National Museum of Emerging Science and Innovation. In other news, professor of mathematics Nets Katz received the 2015 Clay Research Award from the Clay Mathematics Institute for his solution of the Erdos distance problem among other contributions to combinatorial incidence geometry. The awards don't stop there. Fiona Harrison, professor of physics and Chair of the Division of Physics, Mathematics and Astronomy was selected to receive the 2016 Massey Award for her work on NASA's NuSTAR (Nuclear Spectroscopic Telescope Array) mission, while Arthur McDonald, PhD '70, won the 2015 Nobel Prize in Physics for the discovery that neutrinos can "change their identities" as they travel through space.

BIOLOGY & BIOENGINEERING

Caltech's Biology and Bioengineering department with its noble goal of understanding living systems has exploded in popularity recently, its esteemed faculty enjoying many prestigious rewards. This year, Frances Arnold, professor of ChemE, BioE, and Biochemistry, was awarded the Millennium Technology Prize for her "directed evolution" protein synthesis method. With her stood Yuki Oka, assistant professor of biology, who was named one of the six 2016 recipients of the McKnight Scholars award for his research on the mechanisms controlling thirst. Caltech's BBE department excels not only in research, but also in teaching quality; this year, Ellen Rothenberg, Albert Billings Ruddock Professor of Biology, received the 2016 Richard P. Feynman Prize for Excellence in Teaching.

ENGINEERING & APPLIED SCIENCES

Interdisciplinary principles are taken to their extremes at Caltech's Division of Engineering and Applied Science, which aims to tackle the world's most challenging, fundamental scientific problems. The EAS department continued its long-standing pattern of success this year, as Ares Rosakis, professor of Aeronautics and Mechanical Engineering, was elected to the National Academy of Sciences in 2016 for his discipline-spanning research "from seismology to micro-electronic device reliability". Oscar Bruno, professor of applied and computational mathematics, was named a National Security Science and Engineering Faculty Fellows by the US Department of Defense for his top-tier work in developing high-performance simulation software. Additionally, Thomas Vidick, assistant professor of computing and mathematical sciences, was named an Air Force Young Investigator, receiving a grant from the Air Force Office of Scientific Research for his work on quantum networks.

HUMANITIES & SOCIAL SCIENCES

Human culture, sociopolitical behavior, decision-making — all are analyzed with intense academic rigor and curious insight by Caltech's Humanities and Social Sciences division. Spanning economics, history, political science, philosophy, and business, Caltech's HSS department is frequently recognized for its greatness. This year, Janet C. Campagna (MS '85 and CEO of QS Investors) was named a Caltech Distinguished Alumna for her contributions to quantitative investment and for her leadership in the financial industry, while The Association of American Publishers conferred the 2016 Award for Excellence in Physical Sciences & Mathematics to Princeton University Press for the digital edition of The Collected Papers of Robert Einstein. Caltech Professor of History Diana Kormos Buchwald is its Directory & General Editor.



