Caltech Y Model for Student Engagement and Outcomes

Y programs are not only fun ways to promote positive social interactions and friendships, but also offer out-of-the-classroom opportunities for learning, gaining perspective, leading balanced and healthy lives, and ultimately, build student leaders with a bias toward action. In essence, students who are motivated to act and make a positive difference. The possibilities are endless. . . .

Herena

LEADERSHIP

I started out overwhelmed by the sheer magnitude of the Caltech Y's programming and the people involved. My confidence grew with every activity I led, with every stranger I made a friend, and with every student I introduced to the Y. Thanks to the Y, I have become a leader. I have discovered a passion. And, I have found a family. – June Wicks, BS 2006, ExComm President, Assistant Professor at Johns Hopkins University

> CIVIC ENGAGEMENT The Caltech Y provided us with a window to society—not always just in our country-and a way to deal with great social changes. – Lee Silver, PhD '55, Geology Faculty Emeritus, Instructor to the Apollo Crews

PERSPECTIVE Going into our Hurricane Harvey clean-up trip to Texas and seeing people in the organization we volunteered with devoting their lives to helping those affected by natural disasters has motivated me to seek a career path with the same purposefulness. If a picture is worth a thousand words, then an experience is worth a million. – Noelle Davis, BS 2020



. making a world of difference

awareness

MITTO

www.caltechY.org or follow us on Facebook, Instagram, and Flickr

SERVICE

confidence

elationskip

My son was very fortunate to have been in the Rise program. This was such an important experience for him. He has enormous respect and admiration for the Caltech students who are amazing role models. He was often humbled by their brilliance, their work ethic, their knowledge, patience, and faith that they had in him to learn. – Liz Shon, Rise Program Parent

ADVENTURE

By the end of my freshman year, the Caltech Y recruited me to join the Backpacking Trip. I was from Iowa. I'd never been backpacking in my life. Thanks to the Caltech Y leaders – I was hooked! By the end of the summer I was leading the Y Hike, and heading up the new Caltech Y *Outdoors Committee the next year.* – Katie Homann, BS 2004, ER Physician





Message from the Executive Director, Athena Castro



This annual gives you a glimpse of our 2017 programs and snapshots from students, alums, faculty, and community members about how the Caltech Y has made a positive impact in their lives.

In particular, we highlight the Caltech Y's model for student engagement and outcomes paired with a striking photo taken by Tyler

Okamoto (BS '17) during a spring break trip to Joshua Tree. The model represents what we hope and want students to gain from participating in Y programs; it is fluid and dynamic and represents possibilities. As you will see, students who participate in Y programs, at any level, take something away from their Y experience. They meet new people, gain perspective, develop confidence and leadership skills, and learn about themselves and the world in which they live.

Your support is essential to our success, and allows us to do what we do best-offer students opportunities for learning, connecting, and leading. In short, opportunities for making a world of difference at Caltech and the world beyond. Thank you for all you do!

Message from the ExComm President, Aishwarya Nene



It has been my pleasure to serve as President since March 2017. I am going to miss the Y dearly, but as I look back, I am so proud of the amazing strides made this year. This last year, a group of students started a

new mentoring program to help local middle school students, and hundreds of volunteers served at different sites for Make-A-Difference

Day. Students identified areas of improvement in our quarterly Decompression and met together to reimagine the event. The Y's on-going service programs: Rise tutoring, Hathaway Sycamores, Union Station, amongst others, attracted students from all across Caltech who wanted to make an impact. The Social Activism Speaker Series (SASS) Committee invited intriguing speakers, and the Outdoors committee planned a myriad of events to get students out into nature.

While I was president, I often left the weekly meetings amazed by the creativity and thoughtfulness of our students. They carefully observe the world around them, recognize programs to better that world, and work together to make their thoughts a reality. I have had the honor of seeing so many students grow into powerful leaders within the Caltech community and beyond. As I graduate, I realize it is truly the people of the Y that make it one of the most vibrant gems on campus. Thank you for supporting the Y and supporting students!

Message from the Board Chair, Dan Erickson



As the Caltech Y begins its second century, we are strengthening our programs and adapting to technological and social changes. The success of our recent capital campaign and the continued annual support will enable us to serve more of the Caltech students by providing additional funding and staff support for student activities, which are planned and executed by students themselves. A

generous recurring gift has enabled us to expand the highly successful Rise tutoring program to now serve all three high schools in the Pasadena Unified School District.

We have a longstanding, mutually beneficial association with Caltech. We have a strong group of Friends who provide funding, time, and expertise in support of the Y's mission. We continue to develop contacts in the community who can help us achieve our mission and with whom we can coordinate activities. Our Board represents the local community, the Caltech community, and Caltech alumni. Our professional staff bring a variety of skills to the service of the Caltech Y mission. We look forward to continued growth and expansion in the years ahead. Thank you for your support.



2016-2017 Programs

Social Programs

Decompression (Fall, Winter, Spring)

Pre-Frosh Ice Cream Social

- Explore LA Griffith Observatory
- Pasadena Symphony & Pops
- Smorgasburg LA
- Big Bang Theory Taping
- Amelie



- Finding Neverland Descanso Gardens
- Sustainable Garden Tour
- Ikebana Flower Arranging
- Horseback Riding
- Ice Cream Museum
- Book of Mormon

Outdoor Adventures

- Undergraduate Orientation Kayaking Trip
- Adventure 101: Winter Sports in Southern California and Advanced Orienteering
- Backpacking Trips: Annual Y Hike to Sierras, San Jacinto, Ojai, Lake Sabrina
- Solar Eclipse Camping
- V Day Hikes: Inspiration Point, Devil's Punchbowl, Poppy Fields, Jones Peak
- ✓ Snow Shoe Trek to Mt. Pinos

Community Service

- Community Service & Advocacy Fair
- ✓ Boys & Girls Club Service Project
- Make-A-Difference Day
- Undergraduate Orientation Service
- Clothing Swap

\$ 3,394,748

\$ 3,394,748

- ✓ Alternative Spring Break MedLife, Ecuador
 - Utah National Parks

2016-2017 Contributors

Thank you to the many people, organizations, and groups who so generously support the Caltech Y's mission. You make a world of difference! Individual gifts from October 1, 2016, through September 30, 2017.

Visionary John Andelin and Virginia Geoffrey **Richard Beatty** Kirk and Marjory Dawson Daniel and Vicky Erickson Lee Fisher and Susan Murakami Steve and Mie Frautschi* Barbara Gee Harry and Shirley Gray Lucy Guernsey Heather Sturt Haaga and Paul Haaga, Jr. Carla and Paul Hummel Patrick Hummel Philip and Nancy Naecker Lajos Piko **Rainer Schaaf** Wes Hershey Don and Judy Collins Fred and Connie Shair Mike and Paula Stefanko Jim Workman Benefactor John Hall* and Nancy Lan Peter Hung Sidharth Jaggi Cynthia Luczyski Tom Mannion* Michael B. Noll Doris Shimabukuro* Patron Kim and Ginger Caldwell Matt Cedeno Fred and Susan Clayton Jim and Sue Crisp Kathy and Paul Deveraux Frank and Marianne Dryden Katherine T. Faber* and Thomas F. Rosenbaum David

Richard Dean Jean Ensminger Barbara Green* Gary Hackney and Natalie Poole Pamela Hemann Wolfgang Hofmann Melany Hunt* and Bruce Drolen* Michele Judd* Pamela Koyzis* Welby Lai* Bob Logan* Wenyee Lo* Stanley and Margaret Manatt Karen Maples Lety Marquez* Peter and Doreen Mason Carleton and **Diane Moore** Mila Regala Ben and Donna Rosen Leon and Arlana Silver' Dave Stevenson* Joann Stock* Debi Tuttle* Louise Wannier Alan Weinstein* William Whitney Juliann Wolgram and Lawrence Wrice Sophia Yen Friend **Richard Arrieta** Gakenheimer Susan Ayer Rolf and Gunilla Laurice Balian* Fritz and Linnea Leah and Jason Benning Diane Binney* Paul and Missy Geoff and Karen Jennings Blake Michelle Jiang John and Oonagh Boppart Kim Border Thomas an Carroll William and Catherine (Sunney and Chan Albert and Chang Becky Rees Jing-Chang Joseph* and Eli and Arle Donna Shepherd Chernow Paula Stamp Margaret Cole Edward* and Alice Hall Daily Peter Daily

John and Lee Taylor Chin Mary and Wendell Webster Dipprey Jacquelyn Wright Partner Richard Fletcher Ackermann Fred and Roxana Anson Henry and Caroline Blauvelt Chuck and **Darlene Brokaw** Don Brown Chris and Ellen Dalton Harris Jimenez Lee Tony Leonard* Zhuyin Li Truman Long Wuan Luo Rhonda MacDonald and Steven Lucas Mark and Leigh Maier Antonio Marroig Martinez John and Catherine McCourt Stuart Miller' Gordon Mitchard Ann and Olexei Elaine Harris Wrice Motrunich Don and Judy Norauist Martin and Susan Oiye

Mathieu Desbrun Stephen and Laura E. Lee-Skedzielewski Lewis Smith Duane and Ingrid Melissa Soriano Victoria and Ron David Doll Stratman' Greg and Patricia William Taylor* Kip Thorne* and **Beth Gertmenian** Carolee Winstein Dick and Linda Yoshiko Tuttle Hackathorn David and Kathy **Debbie Dison Hall** Wales and Henry Hall Xiangyun Wang* John and Anna Joy Watanabe Hallstrom Frederick and Gene Wester Joyce Hameetman Kristie Yu* Portia and Porter Francis Yu Janet Zhou Barbara Heublein **Supporter** Rhonda Hillbery* Lorraine Alexander Huston Horn Asa Hopkins and Fernando Amador* Mary Dunlop Gary Huels Phoebe Ann Bryan Hunter* James Backus Alexander and Cynthia Ingle **Betty and Martin** Jackman Beck Marisu* and Ray Edward Jou Bercaw Howard Kaufman Julie Kornfield* Patrick Lam* Brian and Christa Boysen

Santiago Barajas* Arunas Barkus Jim and Sylvia Jose Bejar* John and Diane Seth Blumberg **Ryan Bogner** Anne Cecilie James and Ann Breckinridge Bruce and Karen Brunschwig Karla Caprari* Michelle Case* Athena and Alvine Castro **Stephanie Charles** Yanbei Chen' Long Chen **Michael Chong** Katie Clark* Alaric Clinton and Jye Ping Tu **Philip Coleman** Susan Conner Michael Conover Kevin Cooper* **Richard Cooper** Noel Corngold

Craig Okamoto Don Crewell* Mitchio Okumura* John Cross Bob and Lori Paz Mary Cross* Alicia Pilon* Jaksa Cvitanic* **Bernice Reed** Stephen Davison* Mark Reinecke* Heather Dean Candace Rypisi* Guy DeRose*

Jose Diaz*

Clayton Englar

Benzi Estipona

Elena Escot*

Albert Ge Konstantinos Giapis* Gordon Glattenberg Bill Goddard* Jeffrey Goldsmith Julia Greer* Galen Hall Susanne Hall* Ann Harvey* **Robert and Susan** Heath Craig Helberg Chris Henderson* Marguerite and Hal Hennacy Kayoko Hirata* Stephanie Hong Harold Kurtz Nick Hutzler and Mary Wahl Tien Huynh-Dinh* Robin Izon* Michelle Jaross* **Bill and Patricia** Johnston Alan Johnston Cathy Jurca* David Kauffman Christopher and Heather Kealey Mariam Khwaiazada' Warren Lai Lynda Lander' Yiyang Liu Douglas MacBean* **Robert Mackin** Peter Mao* **Florian Marmuse** Leslie Maxfield* Susan Mayeda* Katheryn McAnulty* Sean Mckenna Mark McNamara and Cynthia Parenti Aron Meltzner Michael Miranda* Annamarie Mitchell **Bev Mitchum** Bud and Ingeborg Mittenthal Leon Mualem* Robert Nelson and Peggy Renner Donna Ebenstein and Jove Graham Marian Combs *Contributors with an Nichols asterisk donate to the **Gregory Norton** Caltech Y via the Caltech United Way campaign Yuri Owechko during which time their gifts are matched Joyce Pacheco* dollar for dollar by the California Institute of

Greg and Carol

Kenneth Fisher

Samantha Foster

Susan Foster

Patrick Frantz

Kent and Judy

Jim Fruchterman

Salvador Galvez*

Frewing

Evans

Palmer Rudolph Parzl **Carolyn Patterson** James and Nancy Pearson Jerry and Nancy Pine April Pisano* Anand Poozhikunnel³ Mohammed Rizvi Jerry Rodriguez* Leonardo Rodriguez* Michelle Rodriguez* George Rossman* Dave and Karen Rossum Dana and Eileen Roth* Ellen Rothenberg* Angelica Santana-Najera* Edward Schroeder Bernie Schweitzer Kelley Scott Frederic Selleck Alex Sessions* Shirley and Michael Sherrill Rebekah Silva* Theresa Slowskei' Bradley Smith* Brian Smith **Christina Smith** Doug and Debbie Smith Craig and Sandra Smith Tom Soifer* Jorge Sosa* **Charlotte Spencer** Gary Stockinger Raul Tello* Agnes Tong Scott* and Silva Virgil' Janet Wainwright and James Bonomo Yuhsien Wang* Larry and Elizabeth Wasinger Howard and Suzanne Weisberg Daniel Whelan Heather Wilson Sherry Winn Marc Wold **Brian Wong** Daniel and Megan Wu Brian and Sharon Yandell Darryl Yost Jonas* and Vilia Zmuidzinas

Rita and Robert





CALTECH Y BALANCE SHEET as of 9/30/17

Assets

Cash (\$43,403 restricted for endowment)	\$ 165,848
Prepaid Expenses	6,651
Fixed Assets, net	31,351
Endowment Fund Investments,	
at fair market value	 3,390,898

Total Assets

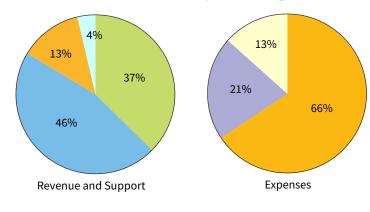
Liabilities and Fund Balances

Liabilities Accounts Payable CIT Account Payable Deferred Revenue	\$ 23,601 151,311 7,075
Total Liabilities	181,987
Fund Balances Operating Fund General Endowment Fund Caltech Y Centennial Endowment Fund Ingrid Gumpel Memorial Endowment Fund Wes Hershey Memorial Endowment Fund J. Stanley and Mary Johnson Endowment Fund George Housner Endowment Fund Naecker Family Endowment Fund Beschorman Endowment Fund Patrick Hummel & Harry Gray Endowment Fund Kirk & Marjory Dawson Endowment Fund Paul & Heather Haaga Endowment Fund	(15,201) 1,220,437 845,019 163,256 113,511 108,422 163,256 122,335 105,978 109,348 55,296 51,347
Paul Studenski Memorial Endowment Fund	172,757
Total Fund Balance	3,212,761

Total Liabilities & Fund Balances

The Institute holds income beneficiary funds, for the benefit of the Caltech Y, with valuation and annual income of approximately \$1,625,000 and \$79,000 respectively.

REVENUE & EXPENSES year ending 9/30/17



Revenue and Support

Contributions and Grants*	\$ 448,487
Endowment Income	553,728
Program Service Revenue	152,707
Special Events, net	 43,652
Total Revenue and Support	\$ 1,198,574
Expenses	
Program Activities	\$ 488,615
Management and General	156,593
Development	99,539
Total Expenses	 744,747
Excess Revenue over Expenses	\$ 453,827

*Excess revenue over expenses includes endowment fund contributions of \$140,270 and endowment income of \$553,728 (dividends, interest, and net realized and unrealized gains) of which \$193,000 was available for operations. Excluding endowment fund s and endowment fund income, net of \$193,000 transferred in for oper

- Ongoing Community Service Opportunities • Union Station – Adult & Family Shelters (twice a month
- Hathaway Sycamores (once a week) • Kids Reading To Succeed (once a month)
- Pasadena LEARNs (once a week, October–May)
- Rise Tutoring Program (4 days/week, September-May)



Cultural & Educational Programs

- ✓ India Ki Khoj International Trip (co-sponsored with Student Faculty Programs & Indian Institute of Technology, Gandhinagar)
- ✓ World Fest (co-sponsored with Caltech International Offices)
- Tea Culture
- My Iran Student Presentation
- In Focus: International Photography Exhibit with the **Caltech International Spouses Club**
- World Feast: An International Food Fair & Culture Show · Humanitarian Landscapes with Claudia Martinez Mansell

Science Policy Series

- Eliminating the Impact of Voter Identification Laws with Prof. Jonathan Katz • A Science Policy Discussion with Dr. France Córdova
- A Science Policy Conversation with Dr. Rush Holt • Bridging the Divide: Scientists Talking to the Media
- with Ron Lin, LA Times Journalist • Bridging the Divide: Effective Political Communication in a Polarized World with Prof. Robb Willer

Social Activism Speaker Series

- Election Debate Viewings
- Solving Climate Change: From Policy to Personal with the Citizens' Climate Lobby
- Labor Market and the Wage Floor: A Minimum Wage Policy Panel Discussion • Trafficking, Technology, and Data-Driven Justice
- with Prof. Jennifer Musto Nuclear Winter Series:
- o International Nuclear Weapons Policy in the Current Era with Dr. Michael Nacht o The New Trump Card: Domestic Nuclear Weapons
- Policy Talk with Dr. David Wright o Connecting Nuclear Weapons with Climate Change:
- Managing Eisenhower's "Fearful Atomic Dilemma" with Dr. Victor Reis o The Big Science of Stockpile Stewardship with Dr. Robert Hanrahan
- Helping Democracy Think: Addressing Cognition to Solve Complex Social Problems with Dr. Carl Pabo

✓ ACT (Advocating Change Together)

• Food and Shopping for a Sustainable World • Sustainable Living Series: Chemicals and Cosmetics





Stone

Hastrup

Heiss

The Caltech Y would like to express our gratitude to the following campus groups, foundations, companies, and community groups for their contributions to Y programs and events.

Graphics

Services

IMSS

Resources & Mai

International

International

Jet Propulsion

Keck Institute for

Master of Student

Moore-Hufstedler

President's Office

Engineering Policy

at Caltech (SEPAC)

Student Faculty

Programs Office

Undergraduate

Dean's Office

Parking Office

Procurement

Science and

Services

Space Studies

Laboratory

(KISS)

Houses

Fund

Scholar Services

Student Programs

Development & Corporate Institute Relations and **Dining Services** Foundation Support Division of **Student Affairs** Caltech **Employees Federal** George Housner Credit Union Fund Pasadena **Gnome Club** Tournament of Graduate Dean's Roses Foundation Office Rose Hills Graduate Student Foundation Council (GSC)

Departments and Campus Groups Alumni Fund and

Caltech

Associated Students of the California Institute of Technology (ASCIT) Athletics Athenaeum Alumni

Diversity (CCD) Caltech **Employees Federal** Credit Union Caltech

Management Association (CMA) Caltech Wired/ Bookstore Caltech Women's Club (CWC) Center for Teaching, Learning & Outreach (CTLO)



+	Schwarz
r* Id Nan	Marion Shlaudeman
d Caton d Irene	Norri and Betty Sirri
Yvonne g Chen	E I
ene	T VA

Union

Crisp

Corporate

William Sargent

John and Patricia



Greg Fletcher, Student Activities &

Agnes Tong, Director of Marketing &

Liz Jackman, Associate Director of Student

Camila Fernandez, Student Programs &

Anne Radimin, Development Coordinator

Photos by Bob Paz, students, and staff

"Caltech Y" photo by Tyler Okamoto

2016-2017 Board of Directors

Community Service Director

Special Project Coordinator

Andrea Zurcher, Office Manager

Annual Report Contributors

Design by Vicki Chiu

Executive Committee

Dan Erickson, Chair

Development

Programs

Y STAFF The Caltech Y would like to thank the following companies and community Athena Castro, Executive Director groups for their contributions to, and

sponsorships of, the Caltech Y 2016 Annual Golf Tournament and Auction. Main Lucky Guy Catering **Sponsors Rational USA** Caltech Employees TIAA-CREF Federal Credit **Produce Services** of Los Angeles **Bloom Energy** La Cañada Eye **Emcor Services** Mesa Energy Care Systems **Utility Refrigerator** Individual Luczyski @ deasy/

Sponsors penner & partners **Bob Smith Toyota** Don Brown Jim and Suzanne Individual

Support Susan Murakami **Richard Beatty** and Lee Fisher Don Brown Barbara Gee Kirk Dawson Michael B. Noll Charles and Toni Perpall Valerie Elachi

Pam Hemann

Sponsors Nancy Lan Hilton Pasadena **Tom Mannion Enterprise Holdings** Peter and Doreen Mason Noble America

Doug and Debbie **Energy Solutions** Smith The Paper Company Ed Stone PCL Construction **Charles Vorsanger PPC Mechanical** Randii Wessen Contractors Dave Zobel

Sysco Los Angeles Thank you to our Association community supporters. Management A full list is available on Service our website



Lee Fisher Steven Frautschi Gloria Ha* Jenny He* Stephanie Hong* Jenny Hsin* Chloe Hsu* Noah Huffman

Toni Perpall, Vice Chair Donald Collins, Treasurer Paula Stamp, Secretary Kristie Yu*, ExComm President Athena Castro, Executive Director **Board Members** Saaket Agrawal* Nancy Lan Sonia Amin **Tony Leonard** Pattyl Aposhian Ilona Linden **Richard Beatty** Phillip Liu* Alice Liu Iram Parveen Bilal Tim Boyd David Liu Don Brown Thomas Mannion Joe Carroll Doreen Mason Christine Chou* Peter Mason Judy Collins Susan Murakami Kirk Dawson Aishwarya Nene* Marjory Dawson Kevin Noertker Frank D. Dryden Tyler Okamoto* Fred Shair Donna Shepherd Joseph Shepherd Arlana Silver Melissa Soriano Kavya Sreedhar' Stephen Toner Nicolas Trank* Peter Hung Jon Webster **Bianca Yang** Janice Jeon* Daniel Yoder Julie Jester







The Caltech Y operating fund incurred a deficit of \$45,710 during the fiscal year ending September 30, 2017.



Finding Greener Alternatives

Science Policy Trip to Washington, DC

Martin Luther King, Jr. Commemoration Week (co-sponsored with Caltech Center for Diversity) • Candlelight Vigil Hidden Figures Discussion • Keynote Address by Dr. Robert Ross • I Have a Dream Audiovisual Presentation MLK Service Project: A Day On, Not Off

The Caltech Y would like to recognize everyone who contributed or pledged to the Centennial Endowment Campaign. Through the campaign, the Caltech Y seeks to increase its endowment to ensure a robust financial base and to enable the Y to broaden the range and availability of programs offered to students. The Caltech Y is committed to raising \$5 million dollars through the Centennial Campaign. To date, we have reached 86% of our goal.

* indicates student Federal Tax ID 95-1684790

Giving to the Caltech Y

There are many ways to give to the Caltech Y. For more information, please contact Agnes Tong, **Director of Marketing and Development**, at (626) 395-6163.