



The Caltech Y NEWS

"Making a World of Difference"

Since
1916

Announcements & Reports

Message from the Y Board Chair

by Lee Fisher, Y Board Chair



Twenty years ago, Ted Combs (BS '27) captured the first 75 years of the Caltech Y in his booklet entitled "The Caltech Y: 75 Years of Involvement". He described the beginnings of the Y with these words:

"On the evening of October 1, 1916, eleven students of the Throop College of Technology met to discuss the possibility of organizing a Young Men's Christian Association chapter on campus. They wanted to introduce a sense of higher ideals and greater cohesiveness to the student body of their college and felt that the YMCA might provide the best means for accomplishing this."

If you do the math, that makes the Y 95 years old this year – in fact, tomorrow as I write this article. Quite a

feat, if you ask me. And what is especially amazing is that, while specific programs have come and gone, and while countless individual students have come and gone, the Y has maintained its singular focus on the students of Caltech and on helping those students become responsible citizens of the world.

That mission – helping and encouraging students broaden their life experience while they are at Caltech even while they are dealing with the tremendous academic challenges that Caltech presents to them – is as important today as it has ever been.

How do we go about delivering on our mission? We involve and empower the students in almost everything the Y does. The students planned and implemented over 70 programs this past year ranging from the *Washington DC Science Policy Trip* to the *Y Hike Backpacking Trip* to serving food to the homeless and tutoring high school students locally. Not to be forgotten are their very successful community service-oriented *Make-A-Difference Day* and the long-running tradition of *Decompression*. This year, we have an equally busy and rewarding schedule planned – with one of the highlights expected to be a trip to India in affiliation with Caltech's SURF Program and IIT Gandhinagar (IITGN).

For our Friends, the year begins with our annual *Y Golf Tournament* on Fri-

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day, October 7. Hopefully, you have already made plans to spend the day golfing with us – or at least join us for the dinner and auction that follows. Our *Fall Friend's Dinner* is scheduled October 27 – Prof. Ed Stone will be our guest speaker – so be sure to join us there and bring a friend!

Even as it is delivering today on its mission for the students, the Y is facing serious "headwinds" in finding the funding necessary to continue that success in to the future. This past year for the first time Caltech's administration assessed a 15% facilities and administrative (overhead) fee on the payout from the Y's endowment. That resulted in an unexpected \$28K decrease in the Y's annual budget. To be able to continue our programs, we will need to look to you, our Friends, for your invaluable support to help make up for the shortfall in Caltech support. We believe in our mission to help the students of Caltech and that our programs will help them become better leaders and more responsible citizens of the world - and we hope you do too!

Executive Director's report

by Athena Castro, Y Executive Director

Welcome to a new academic year! Since 2011 marks the 95th anniversary of the Caltech Y, we are pausing to celebrate the Y and its many contributions to student life over the years. We are working on a special anniversary edition of the annual report and are putting together a book of Y stories and photos. We invite you to submit

your favorite Y memories. Just logon to:

<http://www.surveymonkey.com/s/YStories>.

We look forward to hearing from you and reading your stories!

It's always exciting when students come back to campus and the usual flurry of activities signals a new year. In fact, we started off with a bang as, just a few weeks ago, the Caltech Y moved across campus into a new



Executive Director's Report (continued)

home. We are now located on 505 S. Wilson Ave. The "Tyson House" was home to Prof. Tyson and his family for many years. In fact, Howell Tyson (BS '50), Y board member and son of Prof. Tyson, recently took me on a tour of the house and he recounted some of the many stories he recalled while growing up right across the street from campus. We will have an open house October 13 to introduce our Friends and the campus to our new home!

Once moved in, we got straight to the

business of settling in and getting ready for a new year. I am happy to report that the Y Hikers returned from a wonderful adventure backpacking in Mammoth, and Y staff participated in *International Student Orientation* events, attended *Frosh Camp* in Ventura, held various sessions to introduce the new students to the Caltech Y, and hosted two trips during orientation – a community service trip to the Gibbons Center in Saugus, where the group helped with landscaping and

yardwork, and a kayaking trip to Sunset Harbor. ExComm meetings will resume the first week of classes and, with that, we are off to another great start!

Save the Date! – The *Fall Friends Dinner* is scheduled for Oct 27. Prof. Ed Stone will talk about "The Universe in High Definition." Prof. Stone is Caltech's Morrisroe Professor of Physics and vice chairman of the TMT (Thirty Meter Telescope) board.

Congratulation to our ExComm graduates!

by Jennifer Ma, ExComm President

Following commencement on Friday, June 10, a reception honoring the graduates who have been involved with the Y over their time at Caltech was held.

We thank the following members of the class of 2011 for their hard work, enthusiasm and dedication to the Y:

Christina Weng
Michelle Jiang
Debbie Tseng
Pranay Kothari
DK Lim

Best wishes as they continue on in their future careers!



Grads shown: DK, Michelle and Christina. Not present: Debbie and Pranay

The newly elected Y Board members and officers

New Caltech Y Board members and officers were elected at the June 2010 Board meeting.

Welcome to the new Board members:

Lee Fisher
Kirk and Marjorie Dawson
David Ellis
Nancy Lan

Congratulations to the Y Board officers for 2011-12:

Chair: Lee Fisher
Vice Chair: Jim Workman
Treasurer: Dan Erickson
Secretary: Ray Hemann

We also thank the outgoing Y Board members for their much appreciated

services to the Caltech Y:

Susan Murakami
Toni Perpall
Don and Jane Pinkerton
Candace Rypisi
Benjamin Turk

The Caltech Y has moved to a new [old] home

by Liz Jackman, Y Administrative Assistant

The Caltech Y has moved into some new digs. Our new location, at 505 S. Wilson, is the former Tyson house which has an interesting piece of history. The now two-story house was once a one-story house. When the time came for an addition the easy method of building a second floor on top of the first floor was not possible. Instead the first floor was raised and a new first floor was built. This gives the house a



very interesting layout.

The whole month of August we were busy getting packed and ready for the move. We had a huge moving sale at the end of August in which a lot of our furniture had to be sold. We closed for a couple of weeks to focus on the move and reopened on September 6. We are still resettling, but it is coming along. Our new place has a very homey and cozy feel and we are looking forward to having an open house in the fall.

Recent Events (June- September)

Spring Decompression a great success!

by Mishra Shruti '12, ExComm

The Caltech Y hosted *Decompression* during finals week on June 4 as per tradition. The *Spring Term Decompression* theme was “Pirates of the Caribbean.”

Unlike the *Fall and Winter Decom-*

pressions, the *Spring Decompression* was located near the Caltech swimming pool in order to welcome the good weather. Along with great food and good company on the grass, many students took advantage of the sun by heading into the pool to cool off while listening to the exciting sounds of the

“Pirates of the Caribbean” soundtrack.

The event was another great success, with a constant stream of students there for the entire time – taking a break before they headed back to the final set of exams for the school year.

Annual Caltech Y Yosemite –Centennial Grove Trip

Hiking in the Mountains and in the Woods

by Yang Hu '13, Y ExComm

June 15-17 marked our annual Caltech Y trip to Yosemite National Park and Caltech’s Centennial Grove in the Sierra National Forest. The group that embarked on the trip was comprised of around fifteen graduate students, four undergraduates, and two Y staff members. Many in the group were graduate and international students and, for many, it was their first time hiking in Yosemite and the Centennial Grove.

Despite having never hiked Yosemite before, many were adventurous and took advantage of the opportunity to test their physical limits. One group even went as far as the Panorama Trail, which required taking the shuttle. The group spent so long hiking that they even missed the last shuttle back to Curry Village, where the bus was stationed. Skipping dinner, the group braved hunger so that the group got back to the campsite before dark. During the afternoon of the first day, the group hiked to Yosemite Falls and

got to meet Don, a Caltech Y board member, who happened to be in Yosemite during the same time that we were there.

The second day was spent hiking to Vernal Falls on the Mist Trail and, subsequently, to Nevada Falls. The group got soaked on the way up the slippery slope of the Mist Trail. The view was breathtaking and absolutely gorgeous. There was even a persistent rainbow, naturally caused by the sun refracting off the torrent of drizzling rain that was produced by the waterfall, hence the name Mist Trail.

On our last day, the group got to visit the Centennial Grove along with other Y board members and Gnomes, who dropped by to enjoy the hike with our students. We hiked up the mountains and found each of the five giant sequoias that are on Caltech property.

Overall, the group had a fabulous time at Yosemite and the Sierra National Forest. Special thanks to the Caltech Y and its staff for providing equipment, time and effort as well as to the Gnome Club, and Alumni Association, all of whom made this memorable trip possible for us.



At Yosemite



In Centennial Grove

[Recent Events \(continued\)](#)

SASS Science Policy Lunch Series events

by Lisa Mauger, Grad Student

This summer the Caltech-Y *Social Activism Speaker Series (SASS)* kicked off its new *Science Policy Lunch Series*. These lunch events feature members of the Caltech community who have played a role in the formation, implementation, or critique of science policy. The goal of this series is to provide Caltech students with a better understanding of the many ways that scientists influence science and technology policy.

Nate Lewis

Our first event (Jul 14) featured Prof. Nate Lewis, the George L. Argyros Professor of Chemistry and the Principal Investigator of the Joint Center for Artificial Photosynthesis. Prof. Lewis shared how his scientific career has intersected with many science policy issues and he discussed his role as a technical expert for government organizations. Prof. Lewis provided an interesting view of the policy world.

He argued that scientists must be careful to keep their research from developing a party affiliation – if your topic has been assigned to a party, you have already lost your audience. Prof. Lewis discussed the importance of keeping your message relevant. As the political landscape has changed his renewable energy research has been named as a tool for the environmental conservation, energy independence, and more recently global competitiveness. Prof. Lewis also argued that scientists should respect the boundaries between science and policy – scientists must be trusted to provide facts, policies should come from politicians.

Hall Daily

Our second Science Policy Lunch Series event (July 18) featured Mr. Hall Daily, the Director of Government Relations in the Caltech Office of the President. Mr. Daily provided a complementary perspective on the inter-

section of science and policy. He constructed a detailed narrative for how major scientific undertakings have succeeded and failed in the public eye and explained how that has shaped the country's relationship with scientific research. The Caltech Government Relations office has evolved in response to this changing relationship – staying involved in the political issues that matter most to Caltech, while allowing the institute faculty to focus on research challenges. Mr. Daily also described how Caltech's faculty and graduates have taken leadership roles in all kinds of government organizations from the Department of Defense to the National Science Foundation. He described how this diverse group of scientists and engineers has had a significant impact on government policy and provided hints for how Tech students can get involved in important science policy issues.

Caltech Y Friends Event

A field trip to the Caltech/SCI-Arc Solar Decathlon House

by John Gee '53, Y Board

The US Department of Energy sponsored the Solar Decathlon competition between 20 international collegiate teams to design, build, and operate a cost-effective, energy efficient and attractive solar powered house.

Caltech and SCI-Arc (Southern California Institute of Architecture) formed a joint venture to enter the competition. SCI-Arc provided space on their campus in southeast Los Angeles for designing and building their house, which is named CHIP (Compact House: Increasing Possibility). It was designed

and built to be dismantled into four pieces for transportation to Washington DC.

The idea for this Y Friends Field Trip resulted from a visit to an open house on April 2, when the work of the students was about 2/3 complete with 5 months to go. The idea was endorsed by the Caltech Y Board, and agreed to by Prof. Richard Murray, one of the three faculty members working on the project. The SCI-Arc campus was visited and Chris Kealey of the Y staff, working with Caltech student Richard Wang and others, completed the details for field trip.

The field trip activities began after arrival at the SCI-Arc campus at 9:30 on July 23. Prof. Harry Atwater, lead Caltech faculty person gave a talk followed by Caltech and SCI-ARC student talks. Then a tour of the Decathlon House was conducted with lots of Q&As. Famous French dip sandwiches from Philippes were provided

for lunch during which time there was lots of conversation and more Q&As with the students. About 45 Y Friends and 15 students from Caltech and SCI-Arc participated in the field trip.

Dismantling of the house, transportation to Washington DC on trailers, and reassembly took place from July 25 to September 22. Judging is taking place between September 23 and October 2. Around 300,000 visitors are expected to view all of the Houses. The winner will be announced October 2.

For more information and competition results, go to:

<http://www.solardecathlon.gov>



Viewing CHIP on Y Friends Field Trip



CHIP reassembled in DC

[Recent Events \(continued\)](#)

New Student Y Orientation Events

As part of Caltech's New Student Orientation, the Caltech Y organizes a variety of events for incoming students.

Annual Y Hike/Backpacking Trip

by Pratyush Tiwary, Grad Student

A long-standing tradition, this year's *Y-Hike* was a 4-day backpacking trip to the pristine alpine lakes in the Mammoth area of California. 18 incoming freshmen and graduate students participated, and they were led by seven experienced seniors and graduate students. The participants ranged from first-time campers to experienced mountain climbers, making for an excellent arena for the exchange of stories, skills and experiences! There was a rather high number of chemistry and chemical engineering students in the 18 – it is left as an exercise for the interested reader to inquire why.

After months of preparation, by the leaders and Y staff, the trip officially began with the participants and leaders getting together on Tuesday, Sept 13. They went over basic wilderness etiquette – examples including the "leave-no-trace" principle, what to do if one encounters wild life, how to recognize high altitude sickness onset and deal with it, etc. Each group spent the afternoon packing for the next four days.

Wednesday, everyone met at 6:30 am and hit the road by 8 am. Promised views of the High Sierra soon followed, but mostly hidden amongst high thunderclouds. Indeed, all the participants were especially prepared for the chances of rain and thunder over the next few days.

By 3 pm Wednesday, everyone hit the trails divided into three groups. One group went up the Pacific Crest Trail while the other two went on the River Trail. All three teams moved camp from day to day in the laps of the high Minaret Range and the Ritter and Banner Peaks. The clouds made for very interesting sceneries, and it invariably rained for some time every day. Some snow was also encountered above 10,000 feet! Sadly (or should we say gladly), none of the teams crossed paths with bears. One team (they claim) fished a 4-lb fish of unclassified type, which, in interest of saving hiking time, they did not cook but put back into the lake.

After four glorious days of marshmallows, campfires, 40-lb packs and not showering, all three teams exited the

wilderness at the Devil's Postpile on Saturday. Greg and Liz warmly greeted them with fresh supplies, eager to hear their stories. Sunday, Sept 18, everyone finally drove back to Pasadena, eager and excited to begin a new chapter of their life, and looking forward to a warm shower!

Y Kayaking Trip

by Ted Xiao '14, student

On Sept 23, a group of excited Caltech incoming frosh, led by Katja Luxem and Guoning Xiao, went to Sunset Beach for a few hours of fun kayaking on one of the *Caltech Y Orientation Trips*. The group consisted of 30 students coming from across California and all the way from the other side of the globe. After addressing kayaking safety, the bus departed from Caltech.

Once at the beach, the students quickly adapted to the way of the waves and water. Within 10 minutes, everyone had travelled far into the distance. Fun



was had by all. Many students flipped their kayaks and fell into the cool and refreshing water, but they quickly jumped back into their kayaks and continued on. Students travelled in groups, some competing in races, some just kicked back and sunbathing on their kayaks. Two hours passed quickly and everyone got off the kayaks and walked to the beach for an hour of creation with sand. Everyone was able to express their artistic side by building sand castles, buildings, and ancient artifacts. Though two students were stung by stingrays, they got simple, effective treatment and persevered – earning the respect of their peers.

As everyone got on the bus and safely back to Caltech at the end of the day, signs of friendship emerged. This exciting kayaking trip has served its purpose as a catalyst, helping to bond our newest members of the Caltech community. For the new frosh, this was their first lesson, showing that we all are like family and always work to-

gether. Without the help of each other, we can't do anything!

Y Community Service Trip

by Greg Fletcher, Y Student Activities & Community Services Director

One Y Orientation Trip for the service minded new students was an opportunity to travel to the Gibbon Center, – established for the study and conservation of the highly endangered small ape, the Gibbon – to work on their grounds and facilities.

Friday, Sept 23, was a hot day for working, but 10 enjoyed their time together and the opportunity to learn about this unique center in the greater LA area. Our group cleared brush from a field to reduce fire risk near animal enclosures before getting a tour and talk from the center's director. Transportation, lunch, and supplies were included – no experience needed, just a positive attitude and readiness to make a tangible difference in the community – our group had plenty of that.

International Student Orientation

by Laura Flower Kim, ISP Associate Director

International Student Programs (ISP) would like to send a special note of thanks to all of the staff at the Caltech Y. At ISP, we are always grateful for our continued partnership with the Y, as it leads to rewarding opportunities for Caltech students. Each year, we look forward to collaborating with the Y on programs such as International Education Week (November 12-16, 2011) and Caltech World Fest (spring term).

Most recently, the Y staff helped ISP lead a successful International Student Orientation, welcoming 150 new international graduate and undergraduate students from nearly 40 different countries! Thank you for your dedication to creating an exciting, welcoming, and global community at Caltech!



[Recent Events \(continued\)](#)

Adventurous Y Day Hike to Switzer Falls

by Avni Gandhi, Grad Student

Photo by: Deva Ramathanan

Members of the Outdoors Committee led a *Y Day Hike* to the beautiful Switzer Falls on Saturday, September 24. The sun came out after some early clouds enhancing our excitement and enthusiasm for the trip. Switzer Falls is located off the wonderfully windy Highway 2, in the Angeles National forest. At the Switzer picnic area our group of 17 met up and started on the trail leading into the forest.

We hiked alongside a meandering stream in a lovely part of the Angeles National Forest. Our trail led us up and over the forest and along the sides of the mountains. It then descended back into the forest further on to reunite us with the same stream. We followed it upstream right to the 15-foot lower Switzer Falls and the forest pool it filled.

At the waterfall, some members of our very enthusiastic group headed straight into the pool and waterfall for a swim. Meanwhile, our other hikers decided to follow the trail onwards to see what was further on ahead. As it turned out,

the trail further up was very rough with multiple stream crossings and lots of slippery spots. After about 15 minutes of hiking our bold and undeterred hikers were rewarded with a close up view of the gorgeous 50-ft upper Switzer Falls nestled in the canyon at the end of the trail.

We spent an hour or two at the waterfalls. Then, as the daylight began to fade, we made our way back home in the glow of the setting sun. Tired but refreshed, we carried back home with us the serenity of the forest and playfulness of the woodland stream.



Meet the ExComm

Each month the Caltech Y News interviews a member of the Y Student Executive Committee (ExComm)

Margaret Chiu '12

by Liz Jackman, Y Administrative Assistant

Margaret Chiu is a big fan of the Caltech Y. When asked what she enjoys about the Caltech Y, she gushed about the opportunities the Y offers students. "There are so many programs that you are bound to find one that you are passionate about, and the Y gives you the opportunity to lead the program as well." She said she really believes in the mission of the Y. Her first year at Caltech she stayed holed up in her room and just studied. She soon realized that there was more to Caltech than that. "Coming to Caltech isn't only about academics; it's also about growth as a person." She believes in finding balance and thinks the Caltech Y is a great place for leadership opportunities, to get outside of Caltech, and to learn about the world while trying to enrich the rest of the Caltech



community. That's why she enjoys the *Explore LA Series* and the *DC Science Policy Trip*. In fact, the *DC Trip* is her

favorite memory of the Caltech Y. She feels at Caltech it is easy to have "tunnel vision." Students are exposed to life and research in academia and don't have the opportunity to see successful individuals using science outside of the academic field. During the *DC Trip* she was able to see a whole array of professionals with important and exciting jobs that weren't related to academia. She found the experience to be eye opening.

Margaret has a plethora of interests. She plays the violin and is in a chamber music program at Caltech. She's also been playing golf since her first year in high school, and is a regular at the *Caltech Y Annual Golf Tournament*. Margaret's a big animal-lover, especially when it comes to dogs. She loved going to the Gibbons Center during *Make-A-Difference (MAD) Day* because of all the monkeys.

Margaret Chiu (continued)

Margaret has found herself to be extra busy this year as the new Academic and Research Committee (ARC) Chair. She's on too many committees to count but, as the ARC Chair, she strives to improve academic programs at Caltech. Margaret has also done research in Meyerowitz lab on gene signaling in

stem cells.

Margaret has noble plans for the future, which include doing what is best for society. She plans to go into medicine and health care. At first, her goal was to treat patients, but she has since decided she'd like to do more. Instead, she aims to find solutions to problems,

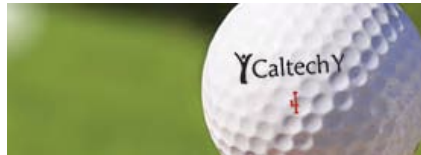
to improve the overall health care system, and to make pharmaceuticals more affordable. Margaret's drive to succeed in life and to give back is truly remarkable. We look forward to watching what she accomplishes in the future.

Coming Events (October)

The 4th Annual Caltech Y Golf Tournament

by Chris Kealey, Y Marketing & Development Director

Next Friday, **October 7**, the Caltech Y will host its *4th Annual Golf Tournament and Auction* to fund its volunteer service, leadership and advocacy programs. With support from friends, community members and business leaders, this annual event at Brookside Golf Course helps raise needed funds for an organization that has served the



Pasadena and Caltech communities for over 90 years.

Participants will enjoy the golf tournament and/or the prime rib dinner and auction which follows in the evening. There will be great prizes for the golfers and amazing auction items for everyone to bid on throughout the evening.

The Caltech Y – On the Move!

by Greg Fletcher, Y Student Activities & Community Services Director

As one of the most active organizations on campus, “on the move” would always be an apt description of The Caltech Y. This year it is literally true as well, as the Caltech Y offices have up and moved across campus – Watch for an announcement for our *Open House* (Oct 13) once we get a little more settled.

Despite the challenges of a move, the ExComm and other leader groups have been busy putting together the full program lineup. Up and coming programs include:

Explore LA Series

The *Explore LA Series* is continuing with the charge to get Caltech students out to explore and experience all that there is to offer in the greater LA area. The first trip will be to visit the LA County Museum of Art (LACMA) for a little culture mixed in with the fun. The series will continue on a monthly basis through the year.

PALAC

The *Pasadena Area Liberal Arts Center* is also set to continue, facilitated by Y Board Member Norri Sirri, to provide Caltech students the opportunity to practice valuable presentation skills while serving the community through education on topics within their areas of study. The first, in November, will

feature Catherine Xie facilitating a discussion on diabetes.

Life Skill Series

The *Life Skills Series* strives to give students the skills necessary to thrive in the world outside the ivory tower. It will kick off this month with a session on nutrition. The series will feature monthly workshops.

SASS

The *Social Activism Speaker Series* will focus attention on current social and political issues giving students the opportunity to explore how they might shape the world again for the 2011-2012 year. SASS has two talks lined up to kick off the year in October:

The Yes Men – Mon, Oct 10, 7:30 pm, Beckman Institute Auditorium – Come hear Andy Bichlbaum, a member of the *Yes Men*, who couldn't hold down a job until he assumed the identities of Exxon, Halliburton, Dow Chemical, and the U.S. federal government representatives. The Yes Men use humor, truth and lunacy to bring media attention to what they see as the crimes of their unwilling, unknowing “employers.” Their film, *The Yes Men Fix the World*, won the audience award at the Berlin Film Festival, the Grierson Award for Most Entertaining Documentary, and became a smash box-

office sensation.

Impersonating those they see as big-time criminals to publicly humiliate them, the Yes Men target leaders and big corporations who they feel put profits and the rights of capital ahead of all else. They use any means necessary to ‘agree their way’ into the fortified compounds of commerce, to smuggle out the stories and provide a glimpse at the behind-the-scenes world of big business.

Shukry Cattan – Tue, Oct 18, 7 pm, Beckman Inst. Auditorium – Shukry Cattan is a caseworker at the International Rescue Committee (IRC) Los Angeles office, responsible for the resettlement of refugees; providing employment, health, transportation and other forms of services. As refugee rights advocate, Shukry is currently raising awareness of the conditions of Somalis in Kenya and pressuring local representatives to support the resettlement and family reunification of Somalis in Los Angeles and Orange County. He recently partnered with Soccer Without Borders to complete a summer youth soccer camp for the refugee community in Glendale.

Shukry also spent several months volunteering at Palestinian refugee camps in Jordan where he worked on youth and ESL Programs. He is currently

Coming Events (continued)

working on environmental projects with the Tiyya Foundation.

Y-Outdoors

Following up on the Y-Hike/Sierra Backpacking and the Orientation Harbor Kayaking trips, the Y-Outdoor Committee has lots of day hikes on the horizon. In our first month:

Parker Mesa Overlook Night Hike – The Y-Outdoors Committee is starting the year with a night hike in the beautiful Santa Monica Mountains during the week of the full moon. Should it be clear, a full night view of the pier and the bay under the moonlight will be a highlight. It will be open to any students interested in hiking under the stars in the cool night air.

Chantry Flat Day Hike – Proving we are not afraid of the light, the Y-Outdoors Committee will follow up the night hike with a day hike to one of our local venues – Chantry Flat. A great chance to see some of the local landscape and enjoy a fun time with others, the day hike will be open to any stu-

dents from the novice to the seasoned adventurer.

Adventure 101: Great Hikes in the Greater LA Area – Another series set to continue in the 2010-2011 year is the Adventure 101 series designed to introduce students to opportunities, resources, and knowledge essential in expanding their adventure repertoire. The Y-Outdoors Committee will be coordinating one talk per month, including the kick off talk highlighting some of the great hiking venues in our local mountains.

Community Service

Many of our on-going service projects – *Union Station*, *Reading To Kids*, and *ASOSAL Tutoring*; as well as the *RISE Program*, are of course up and going again. October also follows up on the *Orientation Service Trip*. Introducing students to service is a big part of each new year, including:

Community Service and Advocacy Fair – Our annual tradition of inviting service agencies to campus to talk with

students is in the works again. We hope to have 20 to 30 different organizations, from on campus and our local community, participate this year. As in the past, in addition to the table fair, entertainment and snacks will also be present to entice students to the San Pasqual Mall, where they will have an opportunity to learn more about the causes in our community and paths they might be able to take should they be inspired to action with any of the groups.

Cultural Events

The Cultural Programming Group, on which the Y sits, is also lining up some events for the first month of school. In October, we will be supporting efforts of the Caltech Center for Diversity in recognizing *Coming Out Day* and *Hispanic Heritage Month*.

For a complete list of programs visit our calendar at:

www.caltechY.org/calendar/

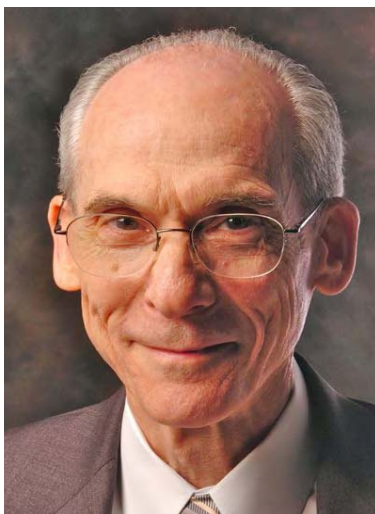
Y Fall Friends Dinner – “The Universe in High Definition”

with Professor Ed Stone – at the Athenaeum, October 27

by Alycen Chan, Y Assistant

Director of Programs & Services

The universe is a time machine, and provided we collect and concentrate enough light from dim, distant objects, we can observe them as they were near the beginning of the universe over 13 billion years ago. The success of the twin Keck telescopes, with mirrors ten meters across, has led to the design of the Thirty Meter Telescope (TMT). The TMT will allow us to study the first luminous objects in the universe, explore the nature of dark energy and dark matter, observe planets around other stars, and search for evidence of life beyond our solar system with unprecedented clarity.



Ed Stone is Vice Chair of the Board of the Thirty Meter Telescope, the David Morrisroe Professor of Physics at Caltech. He has been the lead scientist on the Voyager 1 and Voyager 2 deep-space probe missions since 1972, and was Director of the Jet Propulsion Laboratory from 1991 to 2001. Professor Stone was also awarded the Goddard Astronautics Award from the American Institute of Aeronautics and Astronautics (AIAA) earlier this year.

The evening begins at 6:00 with a no-host bar, dinner at 7:00 and the talk at 8:00.

For reservations, please contact the Caltech Y by phone or the web. (See p. 9)

CALENDAR OF UPCOMING EVENTS

Note: See [Caltech Y website](#) for additional information and schedule updates

October 2011

S	M	T	W	T	F	S
1	3	4	5	6	7	8
2	Y Board Comm Mtgs	ExComm Mtg		Adventure 101: Great Hikes in LA Area	Y Golf Tournament & Auction	
9	10	11	12	13	14	15
		ExComm Mtg		Caltech Y Open House	ASOSAL Tutoring	Wilderness First Aid Course Union Station Homeless Dinner
16	17	18	19	20	21	22
Wilderness First Aid Course	RISE Tutoring	ExComm Mtg RISE Tutoring	RISE Tutoring	RISE Tutoring	ASOSAL Tutoring	
23	24	25	26	27	28	29
	RISE Tutoring	ExComm Mtg RISE Tutoring	RISE Tutoring	RISE Tutoring Fall Friends Dinner	ASOSAL Tutoring	
30	31					
	RISE Tutoring					

The Caltech Y

The Caltech Y is an independent 501c3 organization formally affiliated with the California Institute of Technology.
The Y mission is to enrich student life and challenge students to grow into responsible citizens of the world.

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 Christopher Kealey – Marketing & Development Director
 Alycen Chan – Assistant Director of Programs & Services
 Liz Jackman – Administrative Assistant

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 Jim Workman – Vice Chair
 Dan Erickson – Treasurer
 Ray Hemann – Secretary
 Jennifer Ma – Student ExComm President

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