**President’s Message**

On February 19th, Caltech Theater Laboratory presented an advance discussion about the play, “Alice Through the Wormhole” in the Avery Library. This wild, original musical take on Alice through the Caltech universe explores the real-life struggles of women in science, how they find their place, and claim their voices and careers in the science field. The CWC program featured panelists Brenda Varda, author of the book, music and lyrics; Holly Bender, JPL optical engineer, who plays Alice; versatile graduate student Heather Curtis; and Brian Brophy, Director, TACIT. Get tickets for the World Premiere in Ramo Auditorium at http://tacit.caltech.edu/ before the last performance on March 1. Thank you Brooke Anderson, Mariella Soprano and Marcia Brown for making the arrangements for this panel discussion.

CWC member Arden Thomas is leading a 6-class seminar series entitled “Beautiful Science on Stage” at the Huntington Library March 5 – April 9, Thursdays, 9:30-11:30 am. Members of the Caltech community will receive Huntington member discounts. See page 4 for details.

Speaking of science, Greg Davis, Chief Technologist Mechanical Systems Division at JPL and Caltech lecturer in Aerospace, will speak to CWC on Monday, March 16th at 7 pm in the Lees-Kubota Auditorium in Guggenheim. He will provide an overview of “Caltech’s Seventh Division,” describing its historical origins, organization, and its current and future missions. A question & answer period and dessert reception will follow. Thanks to Brooke Anderson and Mariella Soprano for arranging this informative program.

Local gardens are in their glory. On March 26th at 11 am, CWC members will enjoy a guided tour of the Storrier Stearns Japanese Gardens followed by an optional box lunch on the garden terrace. Contact brooke.anderson@colorado.edu. CWC Garden Adventures will tour the Wrigley Tournament of Roses house and rose garden on April 30th at 2 pm. Contact Kathleen Slater, katsgarden@jps.net.

An Iron Chef event will be held at the home of Tom Mannion, Senior Director, Student Activities and Programs, on April 17th. Contact Brooke Anderson, brooke.anderson@colorado.edu or Donna Shepherd, ddshepherd@gmail.com.

Save the date for this year’s final Open House on Thursday, April 9th at the Red Door Café from 8:30 to 10 am. Bring newcomers to meet members and ask questions about CWC. No reservations needed. Contact Katie Clark, ktclark@caltech.edu for more information.

**Judy Collins**

**Issue Highlights**

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**Save the Date**

**March 16**

Dr. Greg Davis JPL Lecture (page 13)

**March 26**

A Tour of the Storrier Stearns Japanese Garden (page 3)
For updated calendar information, see www.cwclub.caltech.edu.

**CWC Board Meeting**
Wednesday March 4, 11:30 am to 1:00 pm, Millikan Board Room.
All are welcome.

**CATS Study and Business Meeting**
Tuesday March 3, Athenaeum Mezzanine.
Study Session: 10:30 am to noon.
Business Meeting: noon to 1:00 pm
Contact: Romy Wyllie (626-794-7773).

**Children’s Playgroup**
To be added to the Playgroup mailing list, email playgroup@caltech.edu.

**Wednesdays in the Park Playgroup**
Wednesdays, 10:00 am to noon, Tournament Park.
Contact: Karla Horst (kghorst@gmail.com).

**Toy Library & Household Equipment Loan Pool / Furniture Pool**
Open every Thursday (except holidays) from 10:00 am to 1:00 pm, 234 S. Catalina Ave., rear house.
Contact: furnpool@caltech.edu, Hui-chen Chen (Irene) (huiriko@gmail.com) and Wafa Abidi (waab2006@hotmail.com), see page 9.

**Babysitting Co-op**
Email babysittingcoop@caltech.edu or come to the Wednesdays in the Park Playgroup.
Contact: Arden Thomas (arden.e.thomas@gmail.com).

**Activities and Interest Groups**

**Morning Book Discussion Group**
Monday March 9, *The View from Castle Rock*, by Alice Munro.
Meet for breakfast at the Athenaeum (membership of the Athenaeum is required to order breakfast), 8:00 am
Contact Micheline Vogt (626-794-7823) by the Tuesday prior to the meeting date to make a reservation.

**Book Lovers’ Soirée**
Monday March 9, *Look Me In the Eye* by John Elder Robison.
7:30 to 9:00 pm, Athenaeum Mezzanine or the Rathskeller. Contact: Barbara Weber (818-790-2159, gobarbweb@sbcglobal.net) and Laurie Yeomans (818-790-4984, leyeomans@hotmail.com).

**Caltech Women’s Investment Group**
Wednesday, March 25th, 7:00 pm, Tolman Bacher House.
Contact: Barbara Weber (818-790-2159, gobarbweb@sbcglobal.net).

**Conversational English**
Email bethplum@hotmail.com for meeting times and locations.
Contact: Beth Harris (626-356-9907, bethplum@hotmail.com)

**Hiking Group**
Thursday March 19th, 8:30 am. Valley Forge camp from Red Box, the car park at the junction of the Angeles Crest Highway and the Mount Wilson Road. We’ll follow the Gabrieleno trail to the camp and back – about 2 hours in all. Further details on page 5. The drive up the Angeles Crest highway from La Canada takes about half an hour, so let’s meet up in the car park of Sport Chalet in La Canada at 8:30 and car pool. We should get to Red Box by 9 am. Shady hike, moderate fitness required, dogs welcome, bring a drink and a snack. Barbara Ellis, 626 319 8285, or 626 564 9107 (babs.ellis@gmail.com).

**Caltech Playreaders**
Tuesday, March 3, 2015, 8:00 p.m., Athenaeum Hall of Associates. *Bee-Luther-Hatchee*, by Thomas Gibbons. Directed and Introduced by Diana St. James.
Editor Shelita Burns has just published the haunting memoir Bee-Luther-Hatchee by a reclusive African American, Libby Price. She sets out to find the mysterious Libby whose manuscript moved her so deeply, but what she discovers is shocking and threatens to ruin her career. As the action unfolds, Libby, in a lovely dramatic device, shares her story directly with the audience, though unseen and unheard by the play’s characters. This stunning play raises the question of literary authenticity through characters whose voices ring with the fervor of people arguing for their lives--which in a sense, they are.

No reservations needed for the reading (admission is $3 for CWC members, and $4 for all others). But if you plan to dine at The Athenaeum beforehand (reservations requested at 626/395-8200), you are most welcome to join the Playreaders Table which is seated promptly at 6:00 p.m. to make the 8:00 p.m. curtain time. The table need not be full before ordering. If you would like to read a part, contact casting coordinators Diana St. James (saintj@caltech.edu) or Ashley Stroupe (ashley_stroupe@yahoo.com). To be added to the Playreaders mailing list, contact Shona Stirbl (brogdenstirbl@yahoo.com).

CWC member Gilda Moshir will be offering Healthy Cooking Classes for Adults, and the next class is on March 9 from 6 to 9 pm (see advert on page 9). If 12 people sign up, it will give the CWC an opportunity to raise funds, as we will get 20% back. See the blog at http://wholesomecookingchef.blogspot.com/2014/12/irinas-version-of-caterpillar.html
A Tour of the Storrier Stearns Japanese Garden

Please join the Caltech Women’s Club for a private tour of the historic Storrier Stearns Japanese Garden.

March 26, 2015
11:00 am – 12:00 pm
270 Arlington Drive
Pasadena, California 91105

$10.00 for faculty/staff/spouses and guests
$8.00 for students/postdocs and guests

Box lunches to enjoy after the tour are available to order ahead of time for $16.00.

**RSVP that includes a box lunch is Thursday March 11th.**
**With no lunch order, RSVP is Thursday March 19th.**

For more information please contact Brooke Anderson (brooke.anderson@colorado.edu).

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**A Tour of the Storrier Stearns Japanese Garden**

Member Name:__________________________________________________________

Guest Names:__________________________________________________________

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Box Lunch Choices

Choose one sandwich per box: Vegetarian # ______ Chicken Salad # ______ Smoked Turkey # ______

Choose one salad per box: Spinach # ______ Couscous # ______

Choose one dessert per box: Fruit # ______ Cookie # ______

**RSVP Forms are due by Thursday March 11th with a lunch and Thursday March 19th without a lunch.**

Please send this form with a check payable to the Caltech Women’s Club to Natalie Cohen, 1725 Homet Road, Pasadena CA 91106
“Beautiful Science” on Stage

You are invited to take a class at the Huntington Library this Spring! CWC member Arden Thomas will be teaching a 6-class seminar series on science-based theater. The class will be joined by Caltech and JPL scientists each week as we discuss theatrical, scientific, and historical elements in the plays. Members of the Caltech community will receive the Huntington members discount. One added feature: each week, students will receive guest passes into the Huntington that day! We hope you can join us! The discussions are sure to be wide-ranging, intriguing, and stimulating. To enroll, call or email Jennifer Phillips at 626-405-2128 or jphillips@huntington.org. For further questions, email Arden Thomas at arden.e.thomas@gmail.com. Caltech price is $220.

Huntington U

Sharpen your pencils! It’s time to go back to school - but this time, no papers or tests. “Huntington U is a series of seminars, two hours a week for six weeks. Each offering is a college quality course, taught by a distinguished professor. Featuring discussions, lectures, and presentations, Huntington U courses value the learning and life experience that participants will bring to the common conversation.

“Beautiful Science” on Stage
Arden Thomas
Thursdays, 9:30-11:30
March 5 - April 9

This class explores what Alan Lightman, author of Einstein’s Dreams, calls the “longstanding love affair between scientists and artists.” Taking as its inspiration the Huntington’s “Beautiful Science” gallery, the class dramatizes the collection as we investigate the tradition of science on the stage, focusing in particular on the current wave of science playwriting and debating the surge of interest in science-driven plays today. The class will be organized by scientific themes as we trace the history of how scientific ideas (such as astronomy, evolution, medicine, mathematics, quantum mechanics, fractals, and thermodynamics) are dramatized by playwrights.

Among the plays we will read are Arcadia by Tom Stoppard, Copenhagen by Michael Frayn, Life of Galileo by Bertolt Brecht, Tooth and Claw by Michael Hollinger, Wit by Margaret Edson, Two Degrees by Tira Palmquist, and Flight of the Mercenary by Karen Howes. Scientists from Caltech, JPL, and USC will join us to discuss the science in the plays. We will also be joined by Tira Palmquist and Karen Howes, whose new plays will be featured in the festival of science-based plays at Caltech in April and May.

Additionally, we will enjoy a personal tour of the Beautiful Science gallery with Dan Lewis, the Huntington’s Chief Curator of Manuscripts and Curator of the Beautiful Science gallery, and Karina White, Senior Exhibition Developer at the Huntington and Designer of the Beautiful Science gallery. The session will be led by Arden Thomas, Executive Director of MACH 33: The Festival of New Science-Driven Plays at Caltech.

Save the Date

Iron Chef Competition

Please join us for a friendly evening of cooking, competition, and great food
April 17, 2015

More details will follow in the April Bulletin.
For more information, please contact Brooke Anderson (brooke.anderson@colorado.edu).
On January 22 we climbed 180 steps up the hillside to Amir’s Garden, a shady oasis with many paths and benches. The bright red aloes added a striking touch of color to the garden. Geraniums, roses, oleander, and many other flowers will follow through the year.

This 5-acre hilltop in the park was planted and tended by an Iranian immigrant called Amir Dialameh. He worked there almost every day for 32 years, carrying plants, soil and tools up by hand, and he used to greet me whenever I visited. He died in 2003, but volunteers now care for the site. Read more at amirsgarden.org.

We next headed further uphill to a traffic-free paved road that gave us wonderful views over Glendale and the San Gabriels. Even distant San Gorgonio and San Jacinto (near Palmdale) were visible. Bee Rock, a precipitous granite outcrop, challenged those of us scared of heights, and only a few were brave enough to look down the cliff at the end, where the old protective fence was falling apart. We returned to our cars via the steep Bee Rock trail, which was lined with fragrant, white-flowering ceanothus.

Instead of our scheduled March hike to Mt. Hillyer near Chilao, access to which may be closed until late April, our hike on Thursday March 19th will go down the West Fork of the San Gabriel river from Red Box, which is the
car park at the junction of the Angeles Crest Highway and the Mount Wilson Road. This hike is one of my favorites as it’s usually very quiet and has shade trees and running water. We’ll be following the river from its source to the Valley Forge campground. It’s an easy downhill hike - until we head back up! But hey, if my old dog can do it twice in one week, we can too. Details of where to meet are on page 2.
Soon after David Baltimore’s inauguration in 1998 as Caltech’s sixth president, he launched an ambitious $100 million campaign called “Beyond the Genome, the Biological Sciences Initiative.” A major goal of the campaign was to raise money for a new biological sciences building, which would be built north of the Beckman Institute. Eli Broad, chairman of AIG SunAmerica and a Caltech Trustee since 1993, stepped forward after the start of the campaign and promised $20 million toward the cost of the new building. Broad, who is now a Life Trustee, is a well-known connoisseur of both art and architecture and as such took an active role in the design of the building. He wanted to make certain the new building would mesh aesthetically with the existing campus but would not be a stepchild of the Beckman Institute. At Broad’s suggestion several prominent architects were invited to participate in a competition. The firm of Pei Cobb Freed & Partners won the competition and, with James Freed as the principal designer, was awarded the contract.

The firm I.M. Pei & Partners had at that time completed over 150 major projects including the United States Holocaust Memorial Museum in Washington D.C, the John F. Kennedy Library in Boston, the Louvre expansion in Paris, and the Bank of China Tower in Hong Kong. Freed proposed a building that would create a transition between the past and the future by blending the past and the future. Beige Italian travertine on the south façade links the building to the beige stucco of the adjacent Beckman Institute and other buildings of the historic campus. In contrast etched stainless steel panels on the other three facades bring a modern look to the laboratory spaces contained within. In place of traditional Spanish portales, Chinese Pistache trees form a living arcade along the north mall, and palm trees are used instead of porches to terminate the walkways. The building was dedicated in September of 2002 as The Broad Center for the Biological Sciences.

The 100,000 square foot Broad Center is truly interdisciplinary and houses more than a dozen areas of research, bringing together biologists, chemists, physicists, mathematicians, engineers, and social scientists who share common interests in investigating the biological nature of consciousness and perception. The building has five floors, three of which are above ground. The focus of the third floor is structural biology concerned with the molecular structure of large biological molecules such as proteins and nucleic acids. On the second floor researchers endeavor to understand the circuitry of the brain. The first floor is devoted to computational biology, combining approaches from structural biology and applied mathematics. A supercomputer behind locked doors crunches the data. The basement houses state-of-the-art imaging facilities with both an MRI suite and an electron microscope suite. The MRI suite has three magnets, and the magnet rooms sit outside the footprint of the building, allowing better shielding. Hatches at ground level allow access to the magnets. The

The Broad Center for the Biological Sciences

by Susan Grether

Palm trees replace domed porches at the west side of the Broad Center. Photo by Romy Wyllie.

Broad Center - south and west facades. Photo by Romy Wyllie.
electron microscope suite features a cryo-electron microscope capable of imaging small individual cells without damaging their native structure.

At the time it was built, Broad was the second building in the United States to use a Nippon steel unbounded braced seismic system. This system features steel beams encased in concrete. Concrete is more compressible than steel and steel is more elastic than concrete, so they work together in an earthquake and act like giant shock absorbers. This system allows the building to actually flex in a seismic event. The Nippon system also allows more flexibility than conventional systems in the placement of different elements in the building, such as doors.

Before the building’s dedication in 2002, Eli Broad summarized his thinking behind his generous gift to Caltech: “Biotechnology, more than any other scientific discipline, has the greatest potential to significantly improve the human condition. Just as the 20th century was a period of major advancement for chemistry and physics, the 21st century will be the golden age for biology. For that reason, my family and I are proud to support Caltech’s scientists and their groundbreaking work that will no doubt take place in this building.”

Essential to the Broad Center mission is cross-disciplinary dialogue and easy interaction between the various lab groups. A high priority was placed on casual as well as formal meeting spaces. To meet this challenge Pei Cobb Freed organized the center around three levels of “family rooms” that form the heart of the building. These family rooms consist of a lobby/library and lounge area. Students, postdocs, staff, and professors from different groups are often seen talking together at the tables and chairs in these spaces. In addition, each lab group wanted a sitting room and conference room closer to their labs to encourage frequent interaction within the lab group. The computational biology group has a see-through conference room that encourages dialogue by making all meetings visually accessible to everyone. Formal spaces in the building include a 95-seat auditorium, a 35-seat seminar room, and a 15-seat conference room. Providing another place for interaction is the Broad Center Café, which was sited away from the main building in order to preserve a 200-year old oak tree. Originally conceived of as a New York style deli, the Café now serves a variety of sandwiches, salads, pastries, and coffees.

It is interesting to note that the attacks on the World Trade Center occurred during construction of the Broad Center. This immediately raised concerns about security and bioterrorism. Prior to that time the campus was quite open and not much emphasis was placed on security. As construction on Broad continued, exterior doors were strengthened, card access readers, additional cameras, an intrusion alarm system, and interior lockable doors separating the quadrants on the first floor, were all added. When the Broad Center was finished, it was the most secure building on campus. Now additional security to campus buildings is done routinely.

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**Open House at Rathskeller**

The bustling Rathskeller was the setting for a CWC Open House on Friday evening, January 30th.

A great representation of members greeted two newcomers to Caltech. Children, babies and spouses/partners swelled the crowd and a good time was enjoyed by all.

The last Open House of the year is scheduled for Thursday, April 9th from 8:30 to 10:00 AM at the Red Door Café.

Please come and help welcome Caltech and JPL newbies. As always, children are welcome.

**Barbara Weber**

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**Are you our new Bulletin Editor?**

*Do you like our Bulletin? Do you love graphic design? Or do you want to enhance those skills? Do you want to contribute in a fun way to the CWClub? Would you like to really feel part of the Caltech Community? Are you searching for a great volunteering job? Do you want to make a lot of friends and receive a lot of gratitude?*

If you answered YES on one of these questions, please feel free to contact me (bodenkatrin@hotmail.com) for more information on how to become our new Bulletin Editor for the year 2015-2016.

Katrin Boden
**Our new Co-Coordinator of Toy Library - Furniture Pool**

*Let’s introduce Wafa Abidi:*

I am Wafa Abidi. My husband is a post doc at JPL-Caltech, working in the Science Planetary Ice Laboratory. I have a PhD in Physical Chemistry-Nanochemistry from the University of Paris 11, and I am looking for a post-doc or such research position in my field.

We are originally from Tunisia, but lived in France for several years, where we did our university studies and post-doctoral experiences. We have two sweet kids: Yasmine, 3 years old, and Yassine, 2 years old.

I like volunteering in the toy library as a co-coordinator, it’s a great chance for me to meet parents and kids from Caltech while being involved with helping in the advancement of this very useful facility.

Besides meeting people, I like reading books, discovering new technologies and innovations, traveling and being outdoors, but also cooking and taking care of my family. We enjoy being here in California and look forward staying here for a longer time.

**Wafa Abidi**
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Real Estate Experience

Cynthia Luczyski
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Jane Caughey
dre# 00361673

Lauren Luczyski
dre# 01441706

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626.793.0313
homeasart.com
This is the 10th in a series of profiles on your Caltech Women’s Club Board members. This time, get to know Diana Granat.

What’s your position on the Caltech Women’s Club Board and what do you like most about it?
I’m the Goodwill Chairman, we write get-well cards and condolence letters, as well as new baby letters to CWC families. I’m also on the hospitality committee. We act as a back-up to people running the events, helping with set-ups and teardowns. I like writing the notes and finding specialty cards. I like handwritten notes more than email.

When and why did you join the CWC?
I was asked to join by Judy Collins. We had been here about 15 years or so. My husband is with JPL; and I joined about 8 years ago. I have been on the board for about 3 years.

In which CWC groups have you been active?
I’ve been active in the hiking group, and I’ve been active in hospitality and goodwill for about 3 years.

What do you like to do when you’re not busy with the CWC?
I volunteer with the Pasadena Humane Society. I work in the medical clinic. I help with the animals, before and after surgery. I also help with sterilizing medical equipment. Pasadena Humane Society has a low cost spay and neuter clinic, available by appointment. We also have training information and animal management pamphlets and classes.

Do you have children and pets?
I have three dogs. They are a chihuahua, a miniature poodle and a terrier mix. I have one daughter. She’s 30 and has just returned home from working with World Teach in Columbia as a volunteer. The first year she worked as a teacher at a college in Columbia. This past year, she was the program director for World Teach, Columbia.

If you could make a wish for the CWC, what would it be?
My wish is that the CWC communicates with JPL spouses as soon as they come in – especially about childcare. Knowing about the CWC and all of the children’s programs would have made a huge difference when my daughter was little.

Which CWC activity or event holds your dearest memories?
I really like the Christmas Luncheons. I really like to be at the Atheneum when it’s all gussied up like that. Occasionally, we get invited to the Caltech President’s house. They have talks and events there. My husband likes to take grad students there.

GARDEN ADVENTURES SPRING 2015

The Garden Adventures Spring program will be a tour of the Tournament of Roses House.

Built in 1906 by G. Lawrence Stimson for Ada and William Wrigley (chewing gum magnate)

The 21 room Italian Renaissance-style mansion is now the home of the Tournament of Roses.

Thursday April 30, 2015 at 2 PM, 391 South Orange Grove Blvd., Pasadena.

RSVP by April 15 2015 to Kathleen Slater (626) 577-0067. Adults only.

Kathleen Slater

CHILDREN’S FIELD TRIPS

We are still looking for someone to coordinate these field trips for the remainder of the school year (through June). Your help would be greatly appreciated!

If you are interested, please email Maria Johnson-Kriechbaum (mkriech@gmail.com).
The Educaring Approach is an approach that promotes respect for infants and children. Parents will have the opportunity to:

- Focused
- Secure
- Aware
- Confident
- Inner-directed

Magda Gerber’s Educaring® Approach encourages children to be:

- Build a network of parents
- Feel confident about parenting
- Explore positive parenting
- Learn about conflict resolution

Parents will have the opportunity to:

The Educaring Approach is an approach that promotes respect for infants and children.

Our Parenting Place
where parents and children are nurtured

RIE® Parent-Infant Guidance™ Classes for 0-3 Year Olds

Magda Gerber’s Educaring® Approach encourages children to be:

- Focused
- Secure
- Aware
- Confident
- Inner-directed

Parents will have the opportunity to:

- Build a network of parents
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An Evening Lecture On Life at JPL

Please join the Caltech Women's Club for a lecture with Dr. Greg Davis.

Have you ever wondered how JPL came to be? 
Would you like to learn more about the exciting work that JPL is doing?

This lecture is a great opportunity to hear firsthand about both the history and future of the work at JPL. Greg will provide an overview of JPL, “Caltech’s Seventh Division,” describing its historical origins and organization, as well as its current and future missions, with a Q&A to follow.

Monday March 16, 2015
7:00 to 8:30 pm
Lees-Kubota Hall
Room 101 in the Guggenheim Laboratory

A dessert reception will follow.

Please RSVP by Monday March 9, 2015

$12.00 for faculty/staff/spouses and guests
$7.00 for students/postdocs and guests

Dr. Greg Davis has worked for the past 25 years as a member of the technical staff at JPL, where he is currently the Chief Technologist for the Mechanical Systems Division. Greg has also been a Lecturer in Aerospace Engineering at Caltech for the past 9 years. In addition to his current position, he has served as payload review chair for Juno, now on its journey to Jupiter after being launched in August 2011; mechanical systems engineer for cruise, entry, descent and landing on the Mars Exploration Rover (MER) Project; and Mars Pathfinder. Before arriving at JPL, Greg worked as an exploration geophysicist in Houston, Texas and as a physics teacher in Stow, Ohio, both for five years. Greg holds a Ph.D. in Mechanical Engineering from Rice University, B. S. and M.S. degrees in Physics from the University of Akron, and received his EMBA from the Drucker School of Business at Claremont Graduate University in May 2012. He and his wife, Alix, live in Granada Hills.

For questions or more information please contact Brooke Anderson (brooke.anderson@colorado.edu).

Dr. Greg Davis JPL Lecture

Member Name: __________________________

Guest Names: __________________________

No. of faculty/staff/spouses and guests ________ x $12.00 = $_________
No. of students/postdocs and guests ________ x $7.00 = $_________
Total Amount Enclosed: $_________

RSVPs are due by Monday March 9th.

Please send this form with a check payable to the Caltech Women’s Club to
Natalie Cohen, 1725 Homet Road, Pasadena, CA 91106

~ 13 ~
Sunday, March 15, 2015 / 3:30 p.m.

**Jupiter String Quartet**
with James Dunham, viola
Coleman Concert
$49, 41, 33, 25

Friday, March 27, 2015 / 10 a.m.

**Weird Connections: How Sticky is Your Gecko?**
Justin Rolando
Geological and Planetary Sciences
$10 (unreserved seating)
Recommended for grades 3 - 12.

Saturday, March 28, 2015 / 2 p.m.

**Earth - Power of the Planet: Atmosphere**
Katherine Saad
Geological and Planetary Sciences
$10 (unreserved seating)
Recommended for ages 8 and up.

Ask about your Caltech discount.
All events will be held in Beckman Auditorium.
Call for tickets: (626) 395-4652 www.events.caltech.edu
It’s Never Too Late to Join the CWC!

Membership Membership in the Caltech Women’s Club is open to anyone who is affiliated with Caltech, JPL, the Huntington Library, the affiliated observatories, or the Caltech Associates. The CWC has a diverse membership of about 215 women (and a few men), with many international members, and a broad range of ages – from students to members who have been in the Club for more than 20 years. Membership dues are $25 per year with electronic delivery of the Bulletin; $40 with printed delivery of the Bulletin; $10 for postdocs with electronic Bulletin and $25 with printed delivery of the Bulletin and free for students with electronic delivery.

CWC Bulletin Contact: Katrin Boden, bodenkatrin@hotmail.com, 626-689-1426. The Bulletin is published each month between October and May (except for January). Items that you think would be of interest to the membership are always welcome. Our next issue will be published at the beginning of April. Please email any photos, news or adverts to Katrin Boden, bodenkatrin@hotmail.com, 626-689-1426 by March 2, 2015.

To help defray the cost of publishing, the Bulletin carries advertisements that are sponsored by, and may be of interest to, our members. The cost of adverts can be found on our website under “Publications.” If you would like to place an ad in the Bulletin, please contact the Bulletin Business Editor, Barbara Ellis, 626-564-9107, babs.ellis@gmail.com.

Website Contact: Marcia Brown, marciab@caltech.edu, 626-345-1956. The CWC website is www.cwclub.caltech.edu. Go to the website for information on upcoming events and downloadable reservation forms for CWC events. To post information about an event or activity, contact Marcia.

CWC Pasadena Area Guide The Pasadena Area Guide is a resource for both newcomers and longtime members. It features recommendations for services, restaurants, shops, and activities, as well as useful information about the local area, and opportunities for volunteers. The guide is on the web at www.cwclub.caltech.edu/publications/area-guide.html. Please email your additions, revisions, or deletions to the Area Guide Editor, Karen Brunschwig, at kabrunschwig@gmail.com. Thank you for helping to make the Guide a valuable resource for the members of our community.

Welcome New Members!

Welcome to our recently joined new members:
Wafa Abidi,
Theresa Couch
and Sylvie Ronel.

We hope to see you soon at our programs and events!

The purpose of the Caltech Women’s Club is to promote friendships and the sharing of mutual interests.