

This Week

Amy Hale, PhD Unlocking Jupiter's Secrets Program Host: Theo Clarke

NASA's Juno spacecraft was designed, built and launched, and, after five years cartwheeling through space, is now in orbit around the planet Jupiter. It is gathering science data that will enable scientists to catch a glimpse of the dawn of creation of our own solar system. Through Juno the whole world will touch infinity.

But Juno doesn't operate on its own. It needs humans on Earth to operate it. Our program today features one such human, Dr. Amy Hale, Instrument Operations System Engineer for three of the science instruments on Juno: the low energy particle detector, the high energy particle detector, and the onboard camera. She will reveal to us the intricacies of Juno mission operations.

Imagine Juno, this 8,000-pound spacecraft powered by three solar panels containing some 18,000 solar cells, with nine sophisticated science instruments, and the whole thing rotating at 2 rpm about an axis pointing at Earth as the spacecraft orbits about Jupiter. The Juno spacecraft and all its instruments are be-

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Helping Children Learn Positive Values from Sports Heros

Taken from Parenting Solutions by Robert W. Peterson – Scouting Magazine, Jan. Feb 2001

Every sports fan is well aware that many superstar athletes leave something to be desired as sportsmen (and women). They talk trash, taunt opponents, and celebrate touchdowns or baskets with dances or gestures designed to show up the other side. A few stars also use illegal drugs, drink too much, and are sometimes accused of assaulting their spouses, friends, or casual acquaintances.

Still, their athletic skills are admirable, and many children want to emulate them. So what's a parent to do if a child adopts as his hero a sports figure whose behavior, either in or out of the arena, is undesirable?

The parent can start by putting the question into perspective, something he or she is uniquely qualified to do.

"Parents are stronger role models for their children than athletes," said Temple University psychologist Frank Farley, Ph.D. "In fact, in the kind of empirical research I

do, I find that mothers and fathers are at the top of the list as heroes for their children," said Farley, who was president of the American Psychological Association in 1993-94.

That's not just for young children either. "When I ask people in their 20s about their heroes, I get about the same percentage who say their parents are," Farley said.

He is not alone in his findings. Researchers who queried Canadian teenagers about their role models also found parents leading the list. "That's very encouraging," Farley said. "There's nobody that beats parents, nobody." ○

Greeters

March 30
Mendel Hill

April 06
Boyd Hudson

April 13
Ed Jasnow

Program Review

Cybersecurity isn't Just Hocus Pocus



Jay Weiss is the owner of Computer HMO and a magician who has entertained the Rotary Club with his sleight of hand. Last week he described ways to keep our digital devices

safe and secure.

One of the easiest ways to keep bad guys out of our smart phones is to make sure to keep the operating system (OS) up to date. Hackers are always looking for ways to breach our phone's security and the OS updates make sure we have the best protection available.

Weiss told us that the estimates of the global cost of data breaches is expected to reach \$2 trillion by 2019. And, although human error is the cause for the majority of data loss, there are plenty of malicious causes as well. The main sources used by cyber thieves are Emails, websites, cell phones, phone calls (the ones where someone says s/he is from Microsoft and you follow their instructions to infect your computer), and USB sticks.

Ransomware has become a big problem of late. With this method, the bad guys infect your device with malware that will destroy your data unless you pay them money (a ransom). To combat this, you need to make sure you back up your data with an archive. This way, should you become a victim, you can at least restore your data prior to the



infection.

The Department of Homeland Security website contains a lot of good information about cyber safety, combating cyber crime and other topics relating to being safe when you are using digital devices. You can find this information at <https://www.dhs.gov/topic/cybersecurity>.

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Rotary Club of Altadena - #7183

Chartered: February 14, 1949
P.O. Box 414, Altadena, CA 91003
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626-794-7163

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Mike Zoeller.....Youth Projects
Ray CarlsonVocational
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Photography.....Jacque Foreman

March

Water & Sanitation

Program Chair, Theo Clarke

March 30 - Amy Hale, Unlocking Jupiter's Secrets

April

Mom & Child Health

Program Chair, David Smith

Congratulations



Birthdays



03/08 - Jeri Cunningham

03/14 - Steve Cunningham

03/15 - Trish Robinson

03/15 - David Smith



Anniversaries



03/01 - Tom & Etta McCurry

03/13 - Steve & Sunny Wu Kerekes

Dennis & Noriko Suzuki Mehringer

The Impact and Benefits of Rotary Membership



Impact starts with our members – people like you who want to be part of making the world a better place. At club meetings in communities across the globe, our members come together to strengthen their connections to friends and neighbors and their commitment to improving lives.

Who can join?

We're looking for people who want to give back to their communities.

Rotary clubs also welcome Rotaractors, Rotary Peace Fellows, and other members of the family of Rotary who qualify for membership.

How can someone become a member?

Clubs accept new members by invitation. To help find the right club, rotary.org has a new tool. They'll ask a few questions about the prospect and about his/her interests. Then they'll share the answers with Rotary leaders in the prospect's community who

will match them with a club.

What are the benefits?

Becoming a Rotary member connects you with a diverse group of professionals who share your drive to give back. Through regular meetings and events, you'll:

- Discuss your community's needs and develop creative ways to meet them
- Connect with other leaders who are changing the world
- Expand your leadership and professional skills
- Catch up with good friends and meet new ones

Other benefits of membership include:

- Rotary Global Rewards, our member benefits program, which offers and discounts on products and services. It's Rotary's way of helping our members spend less so they can do more.
- The Rotary International Convention is our biggest event of the year. Rotary members from more than 130 countries meet at the convention each year to

celebrate our successes and make plans for the future.

- Rotary Fellowships give members the chance to join a group of people who share similar interests, hobbies, or vocations. Some groups use their fellowship to make a positive difference.
- Rotarian Action Groups unite Rotary members, family members, program participants and alumni who share their expertise in particular fields by collaborating with clubs and districts on projects.

What's expected of a Rotary Member?

As a club member, you will be asked to:

- Pay club dues
- Attend meetings and events
- Use your professional skills and talents to make a difference

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This article was taken from the Membership page at rotary.org. Feel free to share with people you know that may have an interest in finding out more about Rotary



This Week

Continued from p. 1

ing commanded and operated by programs developed by scientists and engineers on Earth, a half a billions miles away. Every spacecraft subsystem and every science instrument has associated with it a systems engineer who serves as the human interface between the subsystems and science instruments and the Project. A systems engineer's job is to coordinate, integrate, and communicate.

In 2000, Hale received her PhD from the University of Pittsburg and, in the same year, began her career at JPL. Before Juno she worked on the Mars Global Surveyor and the Mars Reconnaissance Orbiter. She lectures to school kids and the public about Juno and the space program. Her non-business passions include raising chickens, singing in the synagogue choir, competing in the swim leg of triathlons, scuba diving, and her family. ○



ROTARIANS ON THE ROAD



Sarah O'Brian is in Cambodia, and comments on the good works by Rotarians

Meeting with Brian Carrigan at the Foreign Correspondents' Club (FCC), Phnom Penh. Brian is VP of Phnom Penh Rotary, Cambodia's oldest Rotary Club. He showed me the treated mosquito nets, made locally for only \$2. Over 700 have been distributed by Phnom Penh Rotary since 2014.

We also discussed the Club's project to help people suffering with MEC (Meningoencephalocele) – a life-threatening birth defect rarely seen in the developed world. In August 2013 RCPP joined forces with the Children's Surgical Centre (CSC) to assist with an average of three surgeries a

month and follow-up care. The Club's other projects include:

- The deployment of specialist rough terrain wheel-chairs for disabled children,
- Overseeing the construction of 30 wells and 25 family latrines in the last two years, and
- The distribution of over 200 Aquaboxes since 2012 to provide emergency drinking water and essential shelter during floods.

Carrigan was happy to receive Altadena Rotary Club's flag, and offered a mosquito net in exchange! ○

*A Special Invitation
from Dr. David Campbell*

YOU ARE INVITED TO THE 2017
Spirit of Healing Celebration
TO BENEFIT THE LOS ANGELES CHRISTIAN HEALTH CENTERS
HONORING
The Honorable Mark Ridley-Thomas
LOS ANGELES COUNTY BOARD OF SUPERVISORS, SECOND DISTRICT
ADVOCATE FOR THE POOR, UNDERSERVED AND HOMELESS
AND CHAMPION IN THE FIGHT FOR HEALTHCARE FOR ALL

Justin Baldoni
DIRECTOR, SOCIAL ENTREPRENEUR, ACTOR
AND STAR OF THE CW HIT SERIES "JANE THE VIRGIN"
CO-FOUNDER OF THE WAYFARER FOUNDATION AND CREATOR
OF THE FIRST EVER SKID ROW CARNIVAL OF LOVE

Karina Moreno Corgan
PRINCIPAL, DOLORES MISSION SCHOOL
VISIONARY BOYLE HEIGHTS COMMUNITY LEADER
CHERISHED LACHC MINISTRY PARTNER

Saturday, April 8th, 2017
5:30 COCKTAILS • 6:30 DINNER, ENTERTAINMENT & AWARDS

AT *The Millennium Biltmore Hotel*
506 S. GRAND, LOS ANGELES 90071
COCKTAIL ATTIRE • SELF-PARKING AT PERSHING SQUARE

BOB LUCAS MEMORIAL BRANCH

Extended Hours During Phase I Renovation

If you've been at either of Altadena Library District's branches recently, you have likely seen the poster to the right outlining the upcoming Phase I Renovation at the district's main building. As exciting as this much-needed renovation is, we will be putting some temporary measures into effect, including extended hours at the Bob Lucas Branch and limited options for item drop-off and hold pick-ups at the main library, to diminish any inconvenience caused by the library's brief closure.

During the renovation books can be returned at the Branch Library on the corner of Lincoln and Ventura or in the drop boxes located on Mariposa at the Main Library. Also during the hours of 10 a.m. to 5 p.m., Monday through Friday, a staff member will be stationed at the South Entrance of the Main library to answer questions, renew books, retrieve your items on Hold and assist with any questions you may have about your account. A small selection of new books, movies, audio books and music will be available to browse. ANY LATE FEES incurred during this period will be forgiven.



Extended Bob Lucas Branch Hours
2659 Lincoln Avenue, Altadena

Monday through Thursday
10 a.m. to 8 p.m.

Friday through Saturday
10 a.m. to 6 p.m.

Sunday
12 p.m. to 4 p.m.

Altadena Library District's Main Library will be closed from Monday, March 13th to the end of April 2017 for the Phase I Renovation.

MARK YOUR CALENDARS FOR FUTURE SECOND SATURDAYS

Louis Van Taylor Quintet



Saturday, April 8, 2017
6:30 - 8:30 p.m.

The Michael Haggins Band



Saturday, May 13, 2017
6:30 - 8:30 p.m.

Stay tuned for the next season of Second Saturdays with Upstream in October and the Tone Brothers in November!

Second Saturday CONCERTS



SECOND SATURDAYS
[mostly]
FROM 6:30 TO 8:30 PM
AT THE
**ALTADENA
LIBRARY**

Listen to great music as you sip craft beer and fine wine from The Ale House; savor wonderful dishes from El Patron and Guerrilla Chef Mateo; and sample delectable desserts from Sweeter Than Honey



UPCOMING EVENTS

Todd Washington Trio

Blues, Folk, Rock, Soul and Gospel
January 14, 2017

Splish Splash Band

Rock, Jazz and Blues
February 11

DeRumba

Spanish Guitar to the beat
of the Gypsy Rumba
March 11

Louis Van Taylor Quintet

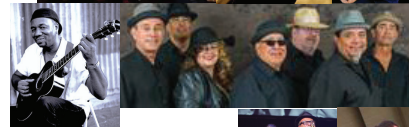
Jazz
April 8

Michael Haggins Band

Funk and Smooth Jazz
May 13

The Satisfaction Band

Dance music Top 40, Latin Rock,
R&B, Cumbias and Oldies
June 10



**Altadena
Libraries**

600 East Mariposa
Altadena | 626 798 0833
www.AltadenaLibrary.org