

THE ROTATOR

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SAN DIEGO ROTARY CLUB

Dare Mighty Things



Tom Gable
Editor

President John's video-of-the-week captured the spirit of the season with the classic "I Love Lucy" chocolate scene, with Lucy and Ethel in a candy factory trying to keep up with wrapping chocolate balls on a fast-moving conveyor belt.

Ginny Ollis inspired the crowd and **Solveig Deuprey**, accompanied by **Katie Fulhorst**, led the Pledge and in the singing of *America the Beautiful*. **Stan Lawrence** covered the news sponsored this week by **Jim Jessop** of Jessop Jewelers. **Rachel Inmon** urged everyone to give the gift of Rotary and invite candidates who fit the profile to the prospective member reception on Jan. 5, 2017.

Jim Jessop was fined for littering our seats with the "Jessop Pocket Calendar," with type so tiny **Bob Kelly** and others at our table asked for help reading it.

Introduced today were new members **Alison Fleming** and **Kathleen Carroll**. Learn more about them on page 3. We welcome you both!

Dr. Doug Arbon presented the 2016 MacLaggan award to Dr. George Kaplan. Named for pediatrician Dr. James C. MacLaggan, the award was established in 1990 to recognize those who pursued a lifetime of helping children. Dr. Kaplan has an international reputation in pediatric urology, and just retired as Chief of Pediatric Urology and Professor of Surgery at UCSD, and surgeon at Rady Children's Hospital.

Dr. Fred Frye, the first MacLaggan award winner, presented Dr. Kaplan with a teddy bear to remind him of all the children he has helped, a tradition since the first award. Dr. Kaplan thanked his colleagues at Children's Hospital and his wife of 55 years, Susan. They were married when he was serving at Naval Training Center doing physicals on recruits.

President John introduced our Chair of the Day, **Dr. Elliot Hirshman**, president of SDSU, and provided a litany of academic honors and recognition the school has received in recent years, (*Playboy Magazine* recognized SDSU for a few other during my years there.)

Dr. Hirshman welcomed a guest from the greatest distance. This time, Sweden, instead of the Downtown Breakfast Club. He then introduced Jordan Evans, an SDSU Aerospace Engineering alumnus, who manages the Mechanical Systems Division of NASA's Jet Propulsion Laboratory (JPL) in Pasadena. JPL has more than a thousand engineers and scientists developing advanced robotic systems for the exploration of our universe.

Jordan outlined the background on JPL and the U.S. space program, including robotic exploration (with 50 fellow Aztecs on his JPL team) and the story of the Curiosity Rover, which involved "landing a car on Mars." He covered previous attempts to analyze Mars with orbiters and rovers. Curiosity would be humanity's 40th attempt and only 40 percent were successful. Previous attempts had failed because space crafts had either missed the planet, crashed because of use of metric (meters) versus Imperial (feet, inches) measurements or had various other systems failures.

As shown in a short video, Curiosity Rover is the most technologically advanced one of its kind ever built. It landed successfully, thanks to a series of complicated maneuvers never before attempted. The specialized landing sequence used a giant parachute, a jet-controlled descent vehicle and a bungee-like apparatus called a "sky crane" to lower Curiosity safely to the surface. The rover has 17 cameras and a robotic arm containing a suite of specialized laboratory-like tools and instruments.

Continued on page 2

Next Meeting

December 15, 2016

Annual Holiday Program
"Happy Holidays To You"

Liberty Station
Conference Center



Join us for our annual holiday program, "Happy Holidays To You." We are excited to present this musical experience to you and your guests as our present for you this season. We look forward to celebrating with you in song!



Brandon Horrocks
Holiday Program Director and Chair

ANNUAL DONATIONS:

If you would like to make your annual contribution before year end for tax purposes, please call the office with a credit card or mail your check before December 30. Mailed checks must be postmarked no later than the 31st. The office will be closed at noon on Dec. 31 so please make arrangements prior to that time if you plan to pay with a credit card. Checks should be made payable to Rotary Club of San Diego Foundation.

QUICK BITS

We've posted a video of **Bill McDade's** memorable presentation to the club on December 1. [Click here](#) to view.



Be sure to download our new San Diego Rotary app on your phone and tablet from the App Store or Google Play. Just search "San Diego Rotary" in the store. The app will make it much easier to access information and keep up-to-date on what is happening in the club. (This app is only for San Diego Rotary Club members)

BIRTHDAYS

December

Jerry Jessop	12
Dick Troncone	13
Mia Harenski	14
Andre Jimenez	14
Skip Hymes	15
Debbie Day	15
Ray Higgins	15
Dick Murphy	16
Claudia Obertreis	16
Kathleen Carroll	16
Martha Dennis	17
John Van Deusen	18
Scott Wilson	18
Stan Lawrence	18

Dare Mighty Things continued

Jordan described the "seven minutes of terror" involved in the landing -- the delay in getting data transmitted from the rover to JPL. This was the time it took from the moment Curiosity hit the top of the atmosphere until it came to rest on the surface of Mars.

The video showed people watching the landing at different NASA space centers, in Times Square, in museums of science and in the control room at JPL. The JPL teams applauded in stages as the parachute deployed, then the capsule separated and lowered the rover to the ground. They erupted in big applause and gave high-fives all around the viewing room when the rover returned data and photos showing it had stuck the landing like an Olympic gymnast. Since exploring Mars, the rover has explored sand dunes and craters, analyzing the geologic history of the planet, and determined that the Red Planet did indeed support microbial life millions of years ago.

In the Q&A session, Jordan said the life span of Curiosity is one Mars year, or roughly two earth years. The power supply can last 87 years. The biggest issue: the plastic wheels and aluminum shells are getting torn up by terrain they had never seen -- sharp rocks tearing up the wheels like a tin can.

In regards to the movie "The Martian," Jordan said the story came from a software engineer at another NASA center who wrote science fiction as a hobby. The JPL engineers and others helped get the physics right in his story. The physics in the resulting book and movie are quite accurate, he said.

Next: Within the culture to "Dare Mighty Things," JPL and NASA are continuing the scientific research necessary to send humans safely to Mars.

[Click here](#) to watch a video on how NASA and JPL landed the Curiosity rover on Mars.

CALENDAR

ALL MEETINGS ARE HELD AT LIBERTY STATION CONFERENCE CENTER UNLESS OTHERWISE NOTED

December

**15 Annual Holiday Program—
Liberty Station**

22 & 29 Dark

January

**5 2017 Economic Forecast
with Alan Nevin and
Dr. Alan Gin**

**12 Brad Tilden, CEO,
Alaska Airlines**

GROTARIAN EVENTS

**Tuesday, January 24
Annual Fireside Chat
Time: 5:30 pm - 7:30 pm
Cost: Free
Location: Academy of Our La-
dy of Peace
4860 Oregon Street 92116
This event is for Grotarians only.
Please no spouses or guests.**

Red Badgers – please come and learn more about Club 33 and our Committees as we sit by the fire on a cool evening in San Diego on the beautiful campus of OLP.

[Click here](#) for complete event details and to register.

Meetings: Every Thursday at Noon, Liberty Station Conference Center, 2600 Laning Road, San Diego, 92106

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MEMBERSHIP

PROSPECTIVE MEMBER RECEPTION—JANUARY 5, 2017

The next **Prospective Member Reception** will be held before lunch at Liberty Station on **January 5th**. Start thinking about who you might like to invite and bring them along to the first program of 2017, our annual Economic Forecast program. You can [click here](#) to register yourself and your guest for the reception.

The Membership Committee meets just after lunch on the third Thursday each month. Please join us when you can. We'd love to see you there.

Sincerely,
Divya, Rachel and Lynn
Membership Committee Co-Chairs

Please welcome our newest members to the club:



Alison Fleming “Financial Management, Additional Active.” She is a financial advisor with Waddell & Reed. She has been with the company since 1989.

Alison was a member of the Del Amo club in Torrance for 20 years, where she served on their board. Her husband Miles is currently a member of the Del Mar club. He and their two children, Brody and Shannon, are Paul Harris Fellows. Alison is a three-time Fellow.

She has an interest in Rotary’s international and youth exchange programs.

David Oates was her sponsor.

Email: pafleming@wradvisors.com Business phone: 619-295-9930



Kathleen Carroll “Retired-Psychotherapy.” Kathleen is a retired mental health clinician from the Department of Psychiatry at Kaiser Permanente, where she worked for 24 years.

She retired in 2015 after a 37-year career as a social worker so she could care for her mom. (She says now she is learning how to be a nurse!) She grew up in a Marine Corp family and is therefore looking forward to serving on our Military Affairs Committee.

Peg Eddy, Jackie Meyer and Julia Holladay were her sponsors.

Email: kathleenmcarroll2@gmail.com Cell phone: 619-993-1248

CAMP ENTERPRISE 2017-LEGACY NOMINATION

RCE 2017 ROTARY CAMP ENTERPRISE

Believe › Achieve › Succeed



Members of San Diego Rotary Club 33 are allowed to nominate an eligible high school junior to attend Camp Enterprise as a “legacy.” **The definition of a legacy is a son/daughter, grandson/granddaughter, direct relative of the member or close family friend.** Rotary Camp Enterprise is on **March 16 – 18, 2017 at Camp Cedar Glen, Julian.**

Below are the steps for you, the nominating Rotarian, to complete for the nomination of your legacy candidate:

Step 1: Check with your nominee and nominee’s guardians as to their interest in attending. Share this website for information:
<http://www.sandiegorotary.club/service/camp-enterprise/>

Step 2: Confirm nominee can attend the entire duration of Camp in March 2017

Step 3: Obtain permission from nominee’s school to miss two days of school.

Step 4: Fill out the nominee information form and send to **Christy White** no later than **January 20, 2017**

Step 5: Ensure student has a ride to our Rotary meeting on Thursday, March 16. (Camp Enterprise Student Chair will confirm nominee’s spot in Camp)

Please complete the information and return the form via mail or email by **January 20, 2017**. If you have questions please contact Christy White at 858-336-4795 or Jean Young at 619-687-2499.

*****COMPLETE APPLICATION PACKETS ARE E-MAILED TO THE STUDENT IN MID-FEBRUARY*****

[CLICK HERE FOR THE NOMINATION SUBMISSION FORM](#)

MILITARY AFFAIRS COMMITTEE



Jim Wynkoop and Mike Caruso delivered a \$2500 check from Club 33 to Veterans Village of SD to support the residents of the Veterans Rehabilitation Center at VVSD this holiday season.

(Left to right) Phil Landis, CEO of the VVSD, Jim Wynkoop, Mike Caruso and Shellie Bowman, Director of the Veterans Rehabilitation Center at VVSD)

December is truly a month of Service Above Self for the Military Affairs Committee!

FACES IN OUR CROWD

PHOTOS COURTESY OF PAUL NESTOR



(Left) Chair of the Day Elliot Hirshman, guest speaker Jordan Evans and President John; (center and right) Jordan discusses the parts and functionality of the Curiosity Rover with guests.



Doug Arbon (left) presented this year's MacLaggan Award to Dr. George Kaplan (center) and Fred Frye (right) presented him with the traditional teddy bear.



Jim Jessop was fined for handing out his annual wallet calendars.



Rachel Inmon reminded all to give the gift of Rotary, and of the January 5th membership reception.



(Left) SDSU alums posed for a picture with SDSU President Elliot Hirshman; (center) **Peg Eddy** enjoyed President John's video-of-the-week; (right) Ginny Ollis delivered our Inspirational Moment.