



*Award Winning*

## **Malibu Rotary Club Surfwriter**

**April 13, 2011**

**Official Newsletter of the Rotary Club of Malibu  
Malibu Rotary Club President Christopher Bauman**

**Edited by Dr. John W. Elman  
Pictures by Dr John W. Elman and NASA**

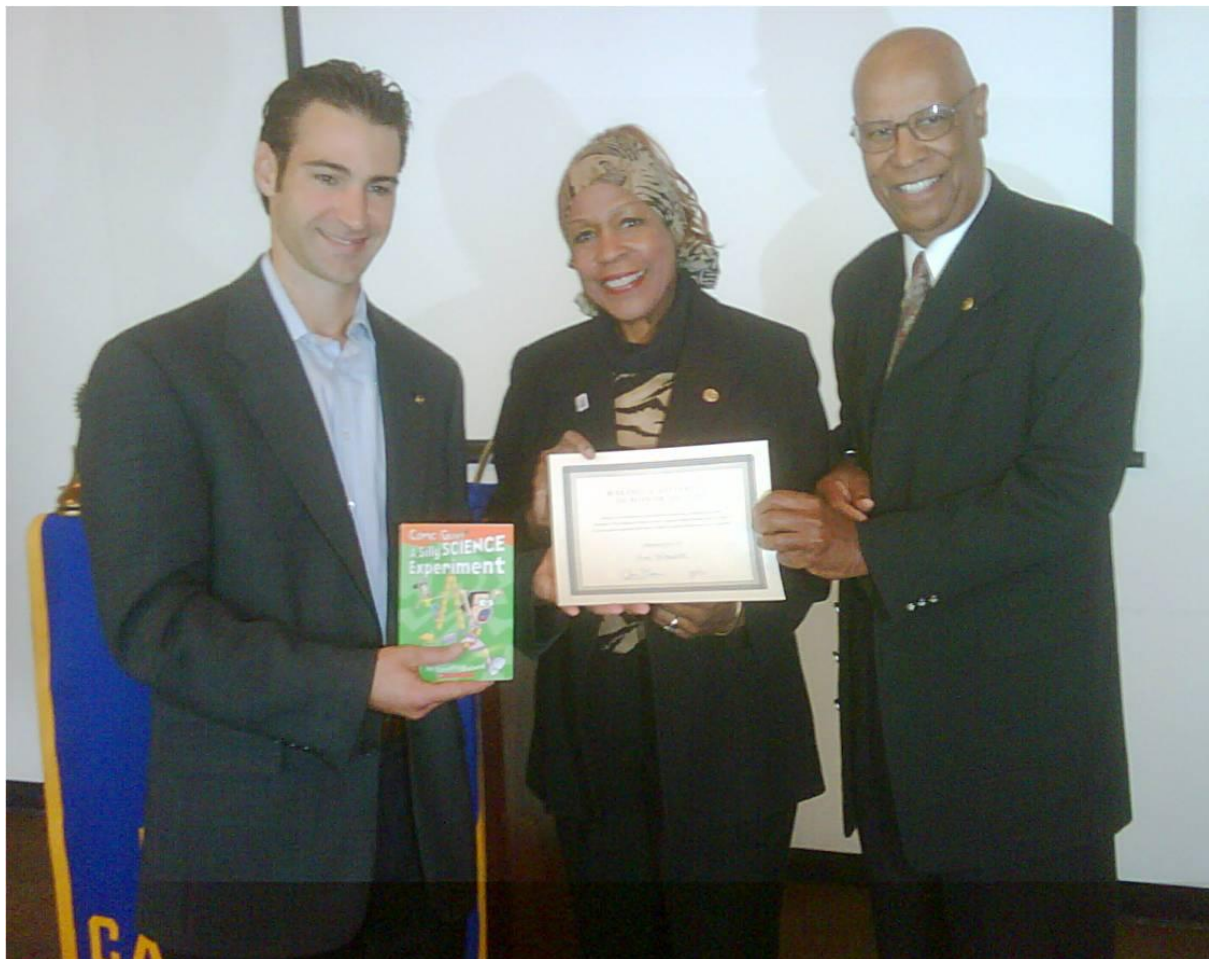
*In This Issue (click underlined topics for web link when connected to the Internet)*

- **Last meeting . Hal Walker, Jr Co-Founder of the International Science Discover and Learning Center and Rotary Computer Literacy program in South Africa.**
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- **Next regular Malibu Rotary Club Meeting will be Wednesday, April 13th at 7:30 a.m in the Pepperdine University Fireside Room. Speaker will be Yvette Yurcisin whose topic will be "Life as a Locations Manager".**
- **Other News and Guests from Last Malibu Rotary Club Meeting**
- **Rotary Japan and Pacific Islands 2011 Disaster Recovery Fund**
- **Malibu Rotary Club Supports BioSand Filters in Ecuador**
- **Check Calendar on Malibu Rotary website [MalibuRotary.org](http://MalibuRotary.org)**

- Malibu Rotary Club Website: [www.MalibuRotary.org](http://www.MalibuRotary.org)
- Rotary International Website: [www.Rotary.org](http://www.Rotary.org)
- Rotary District 5280 Website: [www.rotary5280la.org](http://www.rotary5280la.org)
- Rotary District 5280 “Rotarians Doing Business With Rotarians” Website: <http://yp5280.org/>
- RI President (2010-2011) Ray Klinginsmith
- Rotary District 5280 Governor (2010-20 11): Doug Baker

**Hal Walker, Jr Co-Founder of the International Science Discovery and Learning Center  
and Rotary Computer Literacy program in South Africa**

### **Spreading Science and Technology to Young People Around the World**



**Pictured: Malibu Rotary Club President Chris Bauman (L) with Book about Science Malibu Rotary is Presenting to School on Wheels with Dedication from Bettye Davis Walker and Hal Walker Jr, Co-Founders of the International Science Discovery and Learning Center in Inglewood, CA and Rotary Matching Grant Computer Literacy Program in South Africa.**

**Hildreth (Hal) Walker, Jr** has worked at JPL and was at Hughes Research Laboratory in Malibu (now called HRL) in the 1960s working on the most powerful laser beam ever created—a beam 200 times brighter than the sun. Lasers were invented at HRL and the laser beam Hal worked on was to be pointed at the moon, and used to measure the exact distance between the earth and moon by reflecting the light off a highly reflective object on the moon surface



measuring the time for light to reflect back. That special reflective object was a 24 inch retroreflector left by astronauts Neil Armstrong and Edwin “Buzz” Aldrin on the moon’s Sea of Tranquility on July 20, 1969. The placement of Apollo 11’s retroreflector was very precise and when the powerful laser beam was pointed at it it worked very well for Lunar Laser Ranging.

**Pictured: Apollo 11’s retroreflector on moon’s Sea of Tranquility**

The Soviets had managed to put a retroreflector on the moon in 1971 *Lunokhod 1*, using an unmanned robot lander. Nobody, including the Russians, knew exactly where the *Lunokhod 1* retroreflector was until 2010. The fact that the Russians lost their retroreflector was an embarrassment to them in the space race of the 1960s and 1970s. Not only did the Soviets lose their retroreflector, it was American scientists that found it, although it took 39 years. In April 2010, the [Apache Point Observatory Lunar Laser-ranging Operation \(APOLLO\)](#) team from the [University of California at San Diego](#) used images from NASA’s [Lunar Reconnaissance Orbiter](#) to locate the orbiter closely enough for laser range (distance) measurements. On April 22, 2010 and days following, the team successfully measured the distance several times. The intersection of the spheres described by the measured distances then pinpointed the current location of *Lunokhod 1* to within 1 meter. APOLLO is now using Lunokhod 1’s reflector for experiments. [Retroreflectors](#) left on the moon by astronauts on the Apollo 11, 14, and 15 missions prove conclusively that man-made equipment is present on the moon, and thus disprove [moon landing hoax](#) accusations. Astronomers all over the world have reflected laser light from the reflectors to measure precisely the earth-moon distance, and have verified independently the existence of the reflectors at the moon landing sites.

Hal Walker’s credentials in science and technology put him at the forefront when government officials and Rotary were looking for ambassadors to encourage the study of science. Hal talks about his two Rotary moments. In 1994 his California State Senator Diane Watson had asked him to go to South Africa. There he met a Christmas bell ringer, who was a Rotarian, who was trying to get a computer lab built in a farm school where they didn’t even have electricity. The President of the Pretoria South Africa Rotary Club went to the legislature and asked that the extend electricity to the this farm school. In the end the legislatures agreed to electrify all the farm schools in South Africa.

Hal was able to meet President Nelson Mandela and brought with him students aged 9 through 14, from the former farm school, which has now become a great center of learning. President Mandela was impressed with the children.

Hal and Bettye now spend several months every year going to South Africa to help expand the computer literacy program to these farm schools. The schools have become learning centers for everyone in the areas they serve. The Walkers have managed to obtain a very difficult to get "continuous" Rotary Foundation Matching Grant, and are looking for other Rotary Clubs to partner with them. Malibu Rotary Club President-Elect Kevin Boling has committed \$500 from the Malibu Rotary Club to this program next year.

Along with their International Science Discovery and Learning Center (located at 101 S. La Brea Avenue in Inglewood, CA 90301) Hal and Bettye, along with their A-Man, Inc 501(c) non-profit corp., have managed to bring young people in South Africa and Los Angeles together using skype. PBS recently did a report about this. They introduce kids starting in first grade to science in underserved communities. The center has a space simulator and has obviously been a mind stimulator and inspirations as their high school students have gotten into Harvard and MIT.

### **Other News and Guests from Last Malibu Rotary Club Meeting**

**Malibu Rotary Club President Chris Bauman** said he wants to involve the Pepperdine Rotaract in several areas with the Malibu Rotary Club:

1. He would like to start a vegetable garden on campus with Rotaract
2. He would like them to help update the Malibu Rotary Club pamphlet
3. He would like to have someone for Rotaract video record Malibu Rotary Club meetings.

**Jack Corrodi** is at Berkeley East Convalescent Hospital, 2021 Arizona St in Santa Monica following his stay in the hospital and was visited by Kevin Boling.

**Kevin Boling** said that unlike previous years when few members of the Malibu Rotary Club have attended the Rotary District convention, this year he is planning that Malibu Rotary Club be one of the clubs participating in the Friday, May 13<sup>th</sup> 5:00 p.m. Hospitality Party at the Hyatt Grand Champions Resort in Indian Wells. He wants club participation as he cooks and makes his special margaritas. Some of those committed are Margo Neal and Chris Bauman. Kevin says get there for the Hospitality Night even if you can get there for the rest. Kevin says he wants to win any all cooking competitions.

**Assistant Rotary District Governor Linton Morgan** had more to say on this.

**Kevin Boling** will again be presenting an Earth Day Program to Topanga Elementary School. This year he again suggested that the Malibu Rotary Club buy balls to be given to the kids as they were last year. The club approved this for an expenditure not to exceed \$150. Kevin is shown below at last year's successful program.



### **Guests**

Guests included Past District Governor from Holland, Michigan **Tom Bos**, Pepperdine Professor **Andre Duta** (who has a foundation to help orphans in Romania and who spoke to Malibu Rotary Club a couple years ago about the Dreams of his Grandfather), **Jeff Runyon** an investment advisor from the Beverly Hills Rotary Club, **AG Linton Morgan, Hal and Betty Davis** all from the Inglewood Rotary Club, and regular guests **Maggie and Hubert Luckeath and Danielle Anjou**. The regular guests may become Malibu Rotarian members under Kevin's new terms of membership.

**Linton Morgan** had to take disagree that Kevin could win the cooking contest at the District Convention in Indian Wells on May 13<sup>th</sup>, because he said the Inglewood Rotary Club, of which he is a member, always wins. He did recommend that people get their reservations in before April 15 if they are planning to stay at the convention venue at the Hyatt Grand Champions Resort. Before

that date rooms (which are all suites) are discounted for Rotary to \$169 per night plus tax (parking included). After that date room will be the regular price of over \$300 per night. Reservations can be made on line at the [Rotary District website](#).

## **Rotary Japan and Pacific Islands 2011 Disaster Recovery Fund**

**Jim Dyer**, District 5280 Disaster Relief Chair, sent the following message about what Rotary is doing through the Rotary Foundation in Japan's current emergency situation and how you can help.

**The 9.0-magnitude earthquake, Japan's largest in history, caused a devastating tsunami that swept over northern coastal towns. At least 10,000 people are assumed dead, but government officials say the death toll will rise. The emergency situation is still unfolding but what is clear is the immediate need for money to support relief efforts and shelter.**

**In response to this massive earthquake and tsunami, The Rotary Foundation has established the *Rotary Japan & Pacific Islands Disaster Recovery Fund*. Also, ShelterBox, a designated Global Rotary Club Project, had response team members on the ground within 24 hours after the earthquake, one of the first international aid agencies to arrive in Japan. The first deployment of ShelterBoxes, including the provision of emergency shelter, water purification and lifesaving supplies are on their way to Tokyo with more on stand by.**

**During this initial response period we are encouraging District 5280 Clubs, Rotarian's and friends to support one of the Rotary affiliated relief efforts or other recognized international relief organizations like the Red Cross.**

- **Rotary Japan & Pacific Islands Disaster Recovery Fund** - Checks should be made payable to The Rotary Foundation - note on your check that the contribution should be used for the Rotary Japan and Pacific Islands 2011 Disaster Recovery Fund, #G10005. Please see the attached PDF with answers to frequently asked questions. The Foundation will begin accepting online in the coming days.
- **ShelterBox** - donations to ShelterBox USA can be made on their website at [www.ShelterBoxUSA.org](http://www.ShelterBoxUSA.org), or use the attached sponsorship form to mail in your donation. Be sure to note your club name and District 5280.

As relief efforts progress, we will establish direct contact with Rotarians in Japan. For more information, please contact [Jim.Dyer@RotaryClubofSantaMonica.org](mailto:Jim.Dyer@RotaryClubofSantaMonica.org)

**Jim Dyer**

**District 5280 Disaster Relief Chair**

Please see Malibu Rotary Club Website [www.maliburotary.org](http://www.maliburotary.org) for latest Calendar and future speakers

## **Calendar**

### **Malibu Rotary Club Speakers (all meetings at at 7:30 a.m in the Pepperdine University Fireside Room)**

Apr 20 2011

**Yvette Yurcisin**

"Life as a Locations Manager"

Locations manager for the TNT show "Justified"

Apr 27 2011

**Zachary Delap**

"Rotary Ambassadorial Scholar to New Zealand"

Zachary Delap is Pepperdine B.A. Political Science Conflict Management Program student who has received a Rotary Ambassadorial Scholarship to study this coming year in New Zealand

May 18 2011

**Pon Nya Mon**

"Ethnic Conflict in Thailand--Possible Outcomes"

Pon Nya Mon is a Buddhist monk from Thailand who has a Master degree in Economics from Williams College, and Ph.D from Washington State University. He will be talking about Ethnic Conflict in Thailand--Possible Outcomes---and what you can do.