On March 26, Cabrillo Marine Aquarium hosted approximately 50 docents and staff from the San Diego Zoo. The Volunteer Coordinator from the zoo, Toni Herndon, was a volunteer at CMA several years ago. Toni was so enthusiastic about her time at CMA that she wanted to share her experiences with the zoo docents. The docents arrived at 9:30am and were treated to morning refreshments. Larry Fukuhara gave a well-received overview of our volunteer programs. As a finale, Larry had them on their feet participating in the do it-do its. Thanks to the many CMA docents who answered the call, the zoo docents toured the Exhibit Hall, Aquatic Nursery and Exploration Center. Lunch was served in the courtyard. After lunch our guests were treated to a grunion hatching and then went to the salt marsh. It was a wonderful morning and the zoo docents were very impressed. They boarded a bus and were off to the Aquarium of the Pacific. The zoo docents were all very warm and wonderful people. Here is the email that Toni sent to Larry:

“Hi there Larry, Thank you again for a simply wonderful day on Monday! You and your volunteers made us feel so welcomed and loved! Everyone is still sending emails saying how much fun they had and that they can’t wait to host you guys... and to send people to your aquarium! They also collected over 100 dollars on the bus ride home to donate to Cabrillo... we’ll send that your way very soon. Attached is a cute picture of all of us by the whale head. Thank you again for being so amazing... the grunion was an amazing surprise that everyone keeps talking about... it was my strongest memory of Cabrillo from the first time I came there when I was 12... I love you guys! Cheers, Toni”

We hope to see them again very soon.
Out of 1,036 student participants at the Los Angeles County Science Fair, CMA young volunteers took these honors: Julian Kimura—1st place, Animal Biology Madaly Alcala—2nd place, Animal Biology Madison Uetrecht—3rd place, Animal Biology Zoe Allen—Honorable Mention, Animal Physiology

In addition, Manu Vaish took 1st place in Zoology at the PVPUSD Science Fair, qualifying to compete at the Intel International Science Fair in May.

Peter M. Douglas, 1942-2012

Farewell to a powerful and dedicated environmentalist. Mr. Douglas, who passed away in early April, is the main author of California’s landmark coastal protection law and for more than 25 years was executive director of the California Coastal Commission, the regulatory agency he helped create. He was quoted in The Los Angeles Times as saying: “The job of environmental stewardship of the coast is never done. It’s never dull, and it’s never done.” Mike Schaadt referred to him as “a real hero for defending the California coastline.”

Parking Lot

The City has given CMA authority to open the parking lot exit arms in the event of a serious backup, such as occurred at a recent Aquarium event (reminiscent of that movie about the pileup on I-5 South where they had to airlift in port-a-potties). This would be a much better “have a nice day” than sitting there burning fossil fuel for an hour or more.

Audio tours of CMA are now available in English and Spanish. They can be downloaded on MP3 players and can also be checked out in the Library. They are free, but an “item of value” is required as a deposit. For adults, cash or a driver’s license should suffice. For teens and tweens, skateboards will be accepted.

A Children’s Library is being created within the Library, thanks to a donation from the family of Bob Wright and a grant from the Virginia Reid Moore Foundation. Funds are also being used to tint Library windows. This should reduce air conditioning costs and potential long-term damage to the books and furnishings.

Christiane Rinkes Memorial Fund

Scholarships Offered

Graduating high school and university-level students who have been affiliated with Cabrillo Marine Aquarium or its FRIENDS support organization are invited to apply for scholarships of up to $1,000 each. To apply for a Christiane Rinkes Memorial Fund Scholarship, applicants must be present or past volunteers with a minimum of two years’ service or 144 service hours, or must be present or past part-time employees of the Aquarium or FRIENDS with a minimum of two years’ employment. Eligible candidates must also be pursuing an undergraduate or graduate degree at an accredited college or university, preferable in the life or environmental sciences, and must submit proof of a grade point average of 3.0 or higher, a completed application and 250-word essay.

For complete requirements, essay guidelines and to download an application, visit www.cabrillomarineaquarium.org. Applications are also available by calling Volunteer Coordinator Floyd Anderson, 310-548-7562 x 229 or by visiting the Aquarium between 12noon and 5pm Tuesday through Friday, and 10am until 5pm on weekends. Applications will be accepted through Friday, June 1.
Young scientist volunteers have been busy gathering bunches of research findings and awards this spring. There are over 30 volunteers based in the Aquatic Nursery working on marine conservation research, focusing on coastal monitoring, aquaculture and development with students representing eight different schools and spanning 8 – 12th-grade levels.

At regional fairs like the PVPUSD and L. A. County science fairs, 11 of our Cabrillo students won 1st-4th-place awards, including catching attention with special awards from Earthwatch and the Stockholm Water Prize. One 12th-grader from PV Peninsula High who has volunteered for over four years in the Nursery has qualified to compete at the Intel International Science Fair this May In Pittsburg, PA!

Meanwhile, four students will compete at the CA State Science Fair in May. All these students were invited to present their findings to the CMA community of staff, volunteers, members and visitors on April 15. 28 of them brought posters, families and teachers and they brought a new level of engagement in the Exhibit Hall to the visitors learning about the animals in our collection and the research we pursue to help them thrive.
This time our Off the Wall quiz comes from CMA’s two newest exhibits. The first, just around the corner from the Information Booth, shows how artists (including two right here at CMA) and scientists work together. The second, on the north side of the auditorium, describes how CO2 in the atmosphere can affect marine life. We hope you’ll find your answers from the remarkable new displays but, for the impatient, they are also below.

1. Atsuhiro Kubo is a scientist who uses artwork as a tool for _______. In the Aquatic Nursery, Kubo makes detailed drawings of the _______________ of fish and crustaceans, carefully counting and measuring fin rays, somites (body muscle groups) internal organs, pigmentation patterns and other features

2. Evie Templeton uses __________ as a way of attracting people to the beauty of biology and as a tool to interpret and explain the patterns in nature that scientific research helps reveal

3. As the amount of atmospheric CO2 increases, ocean CO2 also increases. This increase in CO2 is changing ocean temperature and chemistry, making the oceans more _______.

4. This change can affect _____ and marine life from the tiniest _______ to the biggest whales.

5. Since the Industrial Revolution, which began in the mid-1800s, ocean acidity has increased by about ___ percent.

1. research; early developmental stages 2. biological illustration 3. acidic 4. ocean habitats; plankton 5. 30%

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**Cabrillo Marine Aquarium Gift Shop**

**Mother’s Day Boutique**

**Saturday, May 5, 2012**

**Noon - 4:00**

*Featuring the Designs of Local Artists:*

**Roxanne Lawrence** – Sea Glass Jewelry • **Deena Gribben** – Boutique-Style Clothing & Accessories

**Shop open 10:30 a.m. - 5:15 p.m. • Refreshments Served**

(310) 548-7562, Ext. 216

**Event Sponsored by FRIENDS of CMA**

Proceeds benefit CMA educational programs

Cabrillo Marine Aquarium, 3720 Stephen M. White Drive in San Pedro, CA 90731

is a facility of the City of Los Angeles Department of Recreation and Parks.
May
5 Native Garden Workday/Beach Cleanup – 8-10am
7 Meet the Grunion - 8pm*
12 Weekend Tidepool Walk - 8:30-10am
13 Walk Cabrillo - 11am-1pm
18 CMA Lecture, “Life’s Short, Fish Hard”
   Auditorium - 7:30-9pm • Registration: 310-548-7562
19 ¿See the Sea, Sí? - Floating Oceanography Lab
   9am-12noon • Fee, registration: 310-548-7562
19 Channel Islands Adventure: Santa Cruz Island
   9:30am-4pm • Fee, registration: 310-548-7562
19 Endangered Species Day - Salt Marsh - 12noon-2pm
20 Sunday Story Studio - 12:45-1:45PM
22 Grunion Fishtival - 7pm-12midnight
29 American Cetacean Society Lecture
   Auditorium - 7:30pm • For information: www.acs-la.org

June
2 Native Garden Workday/Beach Cleanup - 8-10am
5 Meet the Grunion - 8pm*
9 World Oceans Day at CMA
8 CMAV Awards Dinner - Michael’s - 6pm
   Invitations to be mailed
10 Salt Marsh Open House - 10am-12noon
17 Sunday Story Studio - 1:45-2:45pm
21 Meet the Grunion - 8pm*
23 Catalina Above and Below - 6am-6pm
   Fee, registration: Larry Fukuhara, 310-548-7562x223

*Meet the Grunion • Aquarium will open at 8pm. The Grunion Program begins at 9pm in the John M. Olguin Auditorium.
Dress warmly and bring a blanket to sit on and a flashlight.

Mission Statements

CMA
Cabrillo Marine Aquarium engages all visitors in education, recreation and research to promote knowledge, appreciation and conservation of the marine life of Southern California.

FCMA
FRIENDS of Cabrillo Marine Aquarium is a non-profit corporation created to provide support and resources to Cabrillo Marine Aquarium in its mission, which is to engage all visitors in education, recreation and research to promote knowledge, appreciation and conservation of the marine life of Southern California.

CMAV
The mission of the Cabrillo Marine Aquarium Volunteers is to recruit, train and retain volunteers who will support the Cabrillo Marine Aquarium and FRIENDS OF CMA in carrying out their missions. More specifically, CMAV will:
✓ Recruit, train and retain docents, service volunteers and gift shop volunteers for both onsite and offsite activities
✓ Provide continuing enrichment, training and recognition for volunteers
✓ Provide support, as appropriate, for Aquarium programs and activities
✓ Support the functions of FRIENDS of CMA

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